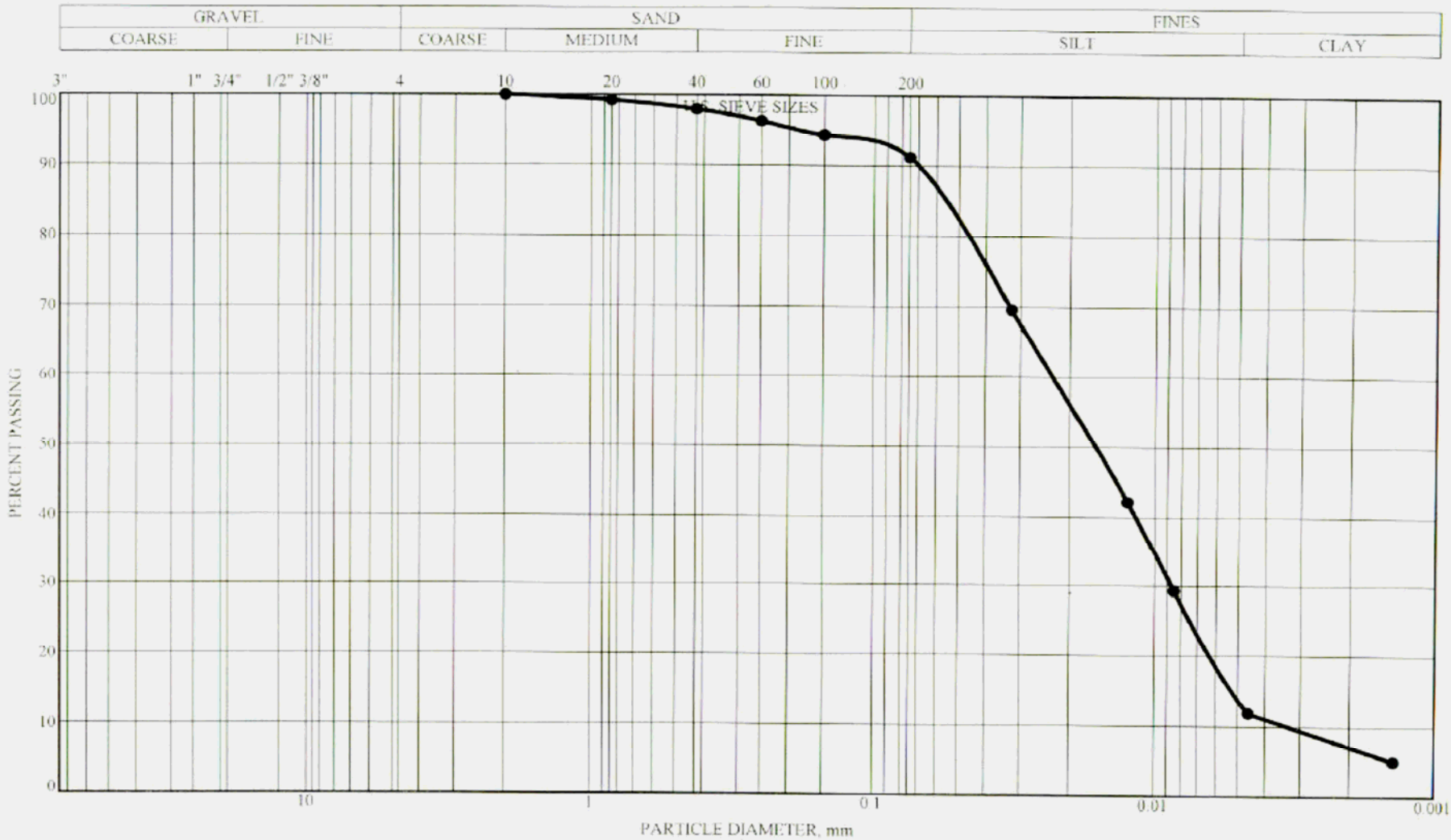
GRAIN SIZE ACCUMULATION CURVE (ASTM)



BRAUN INTERTEC

Braun Project BL-05-05783
05017-0207
Service Environmental & Engineering
St. Paul, MN

BORING: 10029-IN-PR DEPTH: 0.0'

GRAVEL	0.0%
SAND	8.8%
SILT	76.9%
CLAY	14.3%
D60=0.023	
D30=0.009	Cu=7.0
D10=0.003	Cc=1.0

CLASSIFICATION
SILT(ML)

SMU 1 Grain Size

GS ASTM BL-05-05783.GPJ BRAUN.GDT 12/1/05 10:51

BRAUN INTERTEC

Braun Intertec Corporation
11001 Hampshire Avenue S
Minneapolis, MN 55438

Phone: 952.995.2000
Fax: 952.995.2020
Web: brauntintertec.com

Mr. Bill Flynn
Service Engineering Group
675 Vandalia Street
St. Paul, MN 55114-1312

December 15, 2005

Work Order #: 0505992

RE: 05017-0207

Dear Mr. Bill Flynn

Braun Intertec Corporation received samples for the project identified above on 11/16/05 15:15. Analytical results are summarized in the following report.

All routine quality assurance procedures were followed, unless otherwise noted.

Analytical results are reported on an "as received" basis unless otherwise noted. Where possible, the samples will be retained by the laboratory for 14 days following issuance of the initial final report. The samples will be disposed of or returned at that time. Arrangements can be made for extended storage by contacting me at this time.

We appreciate your decision to use Braun Intertec Corporation for this project. We are committed to being your vendor of choice to meet your analytical chemistry needs.

If you have any questions please contact me at the above phone number.

Sincerely,

Steven J. Albrecht
Associate Principal

Certification/Accreditation Numbers

Minnesota Department of Health: 027-053-117 Wisconsin DNR: 999462640 NVLAP: 1021234-0 AIHA: 101103

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Service Engineering Group	Client Ref:05017-0207	Work Order #: 0505992
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

How to Use this Report

In order to get the most out of the information presented in this report please refer to the following explanations as to how the data in this report is tied together and how some of the terms are defined.

Qualifiers and Abbreviations are defined in the following section. You will find these codes used throughout the report in headers and in note sections to designate a unique fact about the data to which they are associated.

The Case Narrative gives a "story" about the analysis and results. Here you will find greater elaboration on relevant qualifiers as well as an explanation of anything of particular note in the data. This is a discussion of the data in terms of quality control and chemistry. It is a summary of any deviations that could affect the usefulness of the data. This is not an interpretation as to how this information relates to regulatory compliance, toxicity, or hazardous characterization. These items are beyond the scope of this report.

The Sample Summary provides detail on sample receipt. The association between Client sample ID and the Laboratory sample ID are defined here; this information is valuable to have when discussing results with your project manager. Sample collection and receipt dates and times are provided here as well. General notes regarding the work order are also documented here. This is a mini "case narrative" that describes any anomalies regarding the condition of the samples upon arrival to the laboratory or special circumstances regarding the work order.

The Conditions Upon Receipt summarizes the results of specific checks that have been performed at sample receipt. This includes items like custody documentation, sample condition, and temperature at receipt. Each "cooler" is identified and the conditions associated with that cooler are documented. A "cooler" is defined as the larger container used to transport the individual samples. In most cases this is a standard recreational cooler but it can be a box, plastic bag, or other container.

The laboratory results are summarized in the following sections. Data is broken down into major categories for convenience. An example of such a category would be "Total Petroleum Hydrocarbons." Here you would find data that references the testing of such parameters as diesel range organics and gasoline range organics. Other categories are similarly mapped. The batch number is associated with each sample. This is important to evaluate Quality Control (QC) data. Surrogate results samples are provided with each sample. Laboratory control limits are provided for comparison (see below). The reference method is also identified. If a method is denoted with an "M" (e.g. EPA 1234(M)) this means that it has been modified. An explanation of the modification will be found in the Case Narrative. A result is given with appropriate units. If a soil sample is dry-weight corrected then the word "dry" will appear next to the units. If the word "dry" does not appear then the result is "as received."

The Method Reporting Limit (MRL) and Method Detection Limit (MDL) are provided. It is important to understand these terms. The MRL is a level that has been empirically verified to provide reliable quantitation of results. Results that are equal to or greater than this value will show up as bolded. They are considered "hits." The MDL is a statistically derived number that indicates, with high confidence, that an analyte can be detected above noise level. If a result is less than this value it is marked as "ND" for "Non-Detect." If a result is less than the MRL but greater than the MDL then it is considered an estimate. Such a result is reported with a "J" flag denoting that it has been detected but that the result is an estimate. This is consistent with the *CLP Statement of Work* and the *National Functional Guidelines.*

The Quality Control (QC) samples are documented in the following section. Here you will find the preparation batches associated with each sample from the results section. The sample preparation method is also defined here. Accuracy is represented here in terms of a percent recovery as compared to a known value. Precision is represented as a relative percent difference between two duplicate sample aliquots. The laboratory control limits are provided as a means to evaluate the quality control data. If the result falls outside the laboratory control limits this simply means that it is outside what is typical for the laboratory and is noted accordingly. This does not mean that the data is invalid. Laboratory control limits are generally tighter than most program limits. This is a very important distinction. How the data is ultimately used determines its validity. Program requirements are defined in the Quality Assurance Project Plan (QAPP) governing the project. If your project manager is aware of your specific program requirements then a note will be made in the case narrative if the data fails to meet any of these requirements.

The last section contains copies of important documents and/or instrument printouts relavent to the report. This includes the chain of custody. It also may include items like chromatograms or spectra.

Please note that this report is paginated and must be reproduced in its entirety.

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Qualifiers and Abbreviations

vn	The surrogate recovery is below the laboratory generated control limits.
vm	The surrogate recovery is above the laboratory generated control limits.
vfa	The method reporting limit (MRL) was raised for one or more analytes; a dilution of the sample was necessary due to high analyte levels and/or matrix interferences.
ts	This analysis was performed by a subcontract laboratory.
sk	The surrogate recovery is outside of laboratory control limits due to matrix interference.
J	Detected but below the Method Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
go	The laboratory control sample recovery is outside of laboratory control limits.
COC	Chain of Custody
dry	Sample results reported on a dry weight basis
MDL	Method Detection Limit
MRL	Method Reporting Limit
NA	Not Applicable
ND	Analyte NOT DETECTED
NR	Not Reported
%Rec	Percent Recovery
RPD	Relative Percent Difference
VOC	Volatile Organic Compound

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Case Narrative

Due to the high level of volatile compounds in the sample we were unable to analyze matrix spikes.

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SAMPLE SUMMARY

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
10029-IN-PR	0505992-01	Soil	11/14/05 14:18	11/16/05 15:15
10029-IN-PO	0505992-02	Soil	11/15/05 12:43	11/16/05 15:15
10029-IN-DCN	0505992-03	Water	11/15/05 16:10	11/16/05 15:15

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Conditions Upon Receipt

Cooler: Cooler #1

Temperature:	6.9 °C	**Received on Ice:**	Yes	**Preservation Confirmed:**	Yes
COC Included:	Yes	**Hand Delivered by Sampler:**	No	**Temperature Blank:**	No
Custody Seals Used:	No	**Sufficient Sample Provided:**	Yes	**COC Complete:**	Yes
Custody Seals Intact:	No	**Headspace Present (VOC):**	No	**COC & Labels Agree:**	Yes

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10029-IN-PR

0505992-01 (Soil)

11/14/05 14:18

Classical Chemistry Parameters

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
% Solids	**50**			% Wt	B5K0450	11/23/05	11/25/05	ASTM D2216	
Total Organic Carbon	**32800**	1000	1000	mg/kg	B5L0121	11/23/05	11/29/05	EPA 9060	ts

Metals

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Mercury	**18**	0.55	0.025	mg/kg dry	B5K0333	11/17/05	11/21/05	EPA 7471A	

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,2,4-Trichlorobenzene	**25**	1.4	0.20	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
1,2-Dichlorobenzene	**20**	1.4	0.10	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
1,2-Diphenylhydrazine	ND	0.14	0.012	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
1,3-Dichlorobenzene	**1.1**	0.14	0.016	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
1,4-Dichlorobenzene	**47**	1.4	0.20	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
2,4,5-Trichlorophenol	ND	0.14	0.038	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
2,4,6-Trichlorophenol	ND	0.14	0.034	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
2,4-Dichlorophenol	ND	0.14	0.038	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
2,4-Dimethylphenol	ND	0.34	0.12	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
2,4-Dinitrophenol	ND	0.34	0.036	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
2,4-Dinitrotoluene	ND	0.14	0.014	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
2,6-Dinitrotoluene	ND	0.14	0.012	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
2-Chloronaphthalene	ND	0.14	0.014	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
2-Chlorophenol	ND	0.14	0.036	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
2-Methylnaphthalene	**18**	1.4	0.46	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
2-Methylphenol	ND	0.34	0.034	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
2-Nitroaniline	ND	0.14	0.036	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
2-Nitrophenol	ND	0.14	0.038	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
3,3-Dichlorobenzidine	ND	0.67	0.034	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
3-/4-Methylphenol	**2.4**	0.34	0.042	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
3-Nitroaniline	ND	0.34	0.036	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
4,6-Dinitro-2-methylphenol	ND	0.34	0.020	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-IN-PR

0505992-01 (Soil)

11/14/05 14:18

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
4-Bromophenyl phenyl ether	ND	0.14	0.020	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
4-Chloro-3-methylphenol	ND	0.14	0.044	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
4-Chloroaniline	ND	0.34	0.036	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	0.14	0.022	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
4-Nitroaniline	ND	0.14	0.030	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
4-Nitrophenol	ND	0.14	0.042	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Acenaphthene	ND	0.14	0.020	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Acenaphthylene	**2.2**	0.14	0.014	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Aniline	ND	0.34	0.085	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Anthracene	**2.2**	0.14	0.020	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Benz(a)anthracene	**1.6**	0.14	0.020	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Benzo(a)pyrene	**1.1**	0.14	0.016	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Benzo(b)fluoranthene	**1.1**	0.14	0.034	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Benzo(g,h,i)perylene	**0.35**	0.14	0.012	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Benzo(k)fluoranthene	**0.99**	0.14	0.028	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Benzyl alcohol	ND	0.14	0.054	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
bis(2-Chloroethoxy)methane	ND	0.14	0.022	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Bis(2-Chloroethyl)ether	ND	0.14	0.024	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Bis(2-chloroisopropyl)ether	ND	0.14	0.028	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Bis(2-Ethylhexyl)phthalate	0.11 J	0.67	0.018	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Butyl benzyl phthalate	ND	0.14	0.016	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Carbazole	**0.66**	0.14	0.030	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Chrysene	**1.8**	0.14	0.020	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Dibenz(a,h)anthracene	ND	0.14	0.042	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Dibenzofuran	**3.0**	0.14	0.026	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Diethylphthalate	ND	0.14	0.022	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Dimethyl phthalate	ND	0.14	0.022	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Di-n-butyl phthalate	ND	0.67	0.028	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Di-n-octyl phthalate	ND	0.14	0.020	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Fluoranthene	**4.0**	0.14	0.014	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	

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10029-IN-PR

0505992-01 (Soil)

11/14/05 14:18

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Fluorene	**23**	1.4	0.081	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Hexachlorobenzene	**0.22**	0.14	0.018	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Hexachlorobutadiene	ND	0.14	0.012	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Hexachlorocyclopentadiene	ND	0.14	0.018	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Hexachloroethane	ND	0.14	0.018	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Indeno(1,2,3-cd)pyrene	**0.38**	0.14	0.018	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Isophorone	ND	0.14	0.020	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Naphthalene	**230**	14	1.0	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Nitrobenzene	ND	0.14	0.024	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
N-Nitrosodimethylamine	ND	0.14	0.042	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
N-Nitrosodi-n-propylamine	ND	0.14	0.024	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
N-Nitrosodiphenylamine	ND	0.14	0.014	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Pentachlorophenol	ND	0.34	0.038	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Phenanthrene	**7.2**	1.4	0.16	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Phenol	**5.1**	0.14	0.036	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Pyrene	**3.1**	0.14	0.020	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	go
Pyridine	ND	0.14	0.079	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Surrogate: 2,4,6-Tribromophenol	*8.89 %*	*Limits: 30-150%*			*B5K0355*	*11/18/05*	*11/21/05*	*EPA 8270C*	*sk*
Surrogate: 2-Fluorobiphenyl	*56.8 %*	*Limits: 30-104%*			*B5K0355*	*11/18/05*	*11/21/05*	*EPA 8270C*	
Surrogate: 2-Fluorophenol	*28.1 %*	*Limits: 30-106%*			*B5K0355*	*11/18/05*	*11/21/05*	*EPA 8270C*	*sk*
Surrogate: Nitrobenzene-d5	*50.2 %*	*Limits: 30-90%*			*B5K0355*	*11/18/05*	*11/21/05*	*EPA 8270C*	
Surrogate: Phenol-d6	*50.6 %*	*Limits: 30-102%*			*B5K0355*	*11/18/05*	*11/21/05*	*EPA 8270C*	
Surrogate: Terphenyl-d14	*64.1 %*	*Limits: 30-115%*			*B5K0355*	*11/18/05*	*11/21/05*	*EPA 8270C*	

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,1,2-Tetrachloroethane	ND	0.20	0.029	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
1,1,1-Trichloroethane	ND	0.20	0.012	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa

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10029-IN-PR

0505992-01 (Soil)

11/14/05 14:18

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,2,2-Tetrachloroethane	ND	0.20	0.048	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
1,1,2-Trichloroethane	ND	0.20	0.040	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
1,1,2-Trichlorotrifluoroethane	ND	0.20	0.023	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
1,1-Dichloroethane	ND	0.20	0.011	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
1,1-Dichloroethene	ND	0.20	0.017	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
1,1-Dichloropropene	ND	0.20	0.015	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
1,2,3-Trichlorobenzene	**9.6**	0.20	0.022	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
1,2,3-Trichloropropane	ND	0.20	0.060	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
1,2,4-Trichlorobenzene	**25**	20	2.9	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
1,2,4-Trimethylbenzene	**29**	20	1.4	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
1,2-Dibromo-3-chloropropane	ND	0.20	0.081	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
1,2-Dibromoethane	ND	0.20	0.013	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
1,2-Dichlorobenzene	**30**	20	2.4	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
1,2-Dichloroethane	ND	0.20	0.011	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
1,2-Dichloropropane	ND	0.20	0.010	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
1,3,5-Trimethylbenzene	**23**	20	2.0	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
1,3-Dichlorobenzene	**1.8**	0.20	0.017	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
1,3-Dichloropropane	ND	0.20	0.025	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
1,4-Dichlorobenzene	**60**	20	2.4	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
2,2-Dichloropropane	ND	0.20	0.021	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
2-Butanone (MEK)	ND	200	27	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
2-Chlorotoluene	ND	0.20	0.039	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
4-Chlorotoluene	ND	0.20	0.027	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
4-Isopropyltoluene	**2.3**	0.20	0.012	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
Acetone	ND	400	31	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Allyl Chloride	ND	0.20	0.052	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
Benzene	**24**	20	0.89	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Bromobenzene	ND	0.20	0.030	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
Bromochloromethane	ND	0.20	0.044	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa

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11001 Hampshire Ave. S.
Bloomington, MN 55438
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Service Engineering Group	Client Ref:05017-0207	Work Order #: 0505992
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-IN-PR

0505992-01 (Soil)

11/14/05 14:18

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Bromodichloromethane	ND	0.20	0.021	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
Bromoform	ND	1.0	0.026	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
Bromomethane	ND	0.20	0.027	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
Carbon Tetrachloride	ND	0.20	0.011	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
Chlorobenzene	**45**	20	0.85	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Chlorodibromomethane	ND	0.20	0.0060	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
Chloroethane	ND	0.20	0.023	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
Chloroform	ND	0.20	0.023	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
Chloromethane	ND	0.20	0.040	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
cis-1,2-Dichloroethene	ND	0.20	0.021	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
cis-1,3-Dichloropropene	ND	0.20	0.0081	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
Dibromomethane	ND	0.20	0.040	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
Dichlorodifluoromethane	ND	0.20	0.025	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
Dichlorofluoromethane	ND	0.20	0.021	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
Ethyl Ether	ND	0.20	0.060	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
Ethylbenzene	**4.2**	0.20	0.021	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
Hexachlorobutadiene	ND	0.40	0.048	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
Isopropylbenzene	**6.0**	0.20	0.013	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
m,p-Xylenes	**44**	20	2.5	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Methyl Isobutyl Ketone	ND	1.0	0.085	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
Methylene chloride	ND	1.0	0.13	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
Methyl-t-butyl ether	ND	0.20	0.024	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
Naphthalene	**360**	20	2.0	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
n-Butylbenzene	**0.51**	0.20	0.025	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
n-Propylbenzene	**0.95**	0.20	0.021	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
o-Xylene	**20**	0.20	0.028	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
sec-Butylbenzene	**19**	0.20	0.0085	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
Styrene	**6.0**	0.20	0.0093	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
tert-Butylbenzene	**1.1**	0.20	0.021	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
Tetrachloroethene	ND	0.40	0.038	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa

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Service Engineering Group	Client Ref:05017-0207	Work Order #: 0505992
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-IN-PR

0505992-01 (Soil)

11/14/05 14:18

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Tetrahydrofuran	ND	1.0	0.23	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
Toluene	**20**	20	3.5	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
trans-1,2-Dichloroethene	ND	0.20	0.027	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
trans-1,3-Dichloropropene	ND	0.20	0.024	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
Trichloroethene	ND	0.20	0.015	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
Trichlorofluoromethane	ND	0.20	0.038	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
Vinyl chloride	ND	0.20	0.048	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
Surrogate: 1,2-Dichloroethane-d4	*110 %*	*Limits: 81-127%*			*B5K0420*	*11/21/05*	*11/22/05*	*EPA 8260B*	*vfa*
Surrogate: 4-Bromofluorobenzene	*106 %*	*Limits: 74-117%*			*B5K0420*	*11/21/05*	*11/22/05*	*EPA 8260B*	*vfa*
Surrogate: Dibromofluoromethane	*93.2 %*	*Limits: 79-127%*			*B5K0420*	*11/21/05*	*11/22/05*	*EPA 8260B*	*vfa*
Surrogate: Toluene-d8	*87.6 %*	*Limits: 82-115%*			*B5K0420*	*11/21/05*	*11/22/05*	*EPA 8260B*	*vfa*

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-IN-PO

0505992-02 (Soil)

11/15/05 12:43

Classical Chemistry Parameters

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Total Organic Carbon	**29500**	1000	1000	mg/kg	B5L0121	11/23/05	11/29/05	EPA 9060	ts

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Service Engineering Group	Client Ref:05017-0207	Work Order #: 0505992
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-IN-DCN

0505992-03 (Water)

11/15/05 16:10

Metals

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Mercury	0.084 J	0.20	0.011	ug/L	B5K0325	11/17/05	11/18/05	EPA 7470A	

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,2,4-Trichlorobenzene	ND	5.1	0.34	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
1,2-Dichlorobenzene	0.87 J	5.1	0.27	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
1,2-Diphenylhydrazine	ND	5.1	0.38	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
1,3-Dichlorobenzene	ND	5.1	0.30	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
1,4-Dichlorobenzene	1.8 J	5.1	0.30	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
2,4,5-Trichlorophenol	ND	5.1	0.16	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
2,4,6-Trichlorophenol	ND	5.1	0.23	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
2,4-Dichlorophenol	ND	10	0.29	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
2,4-Dimethylphenol	ND	5.1	0.41	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
2,4-Dinitrophenol	ND	5.1	0.99	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
2,4-Dinitrotoluene	ND	5.1	0.21	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
2,6-Dinitrotoluene	ND	5.1	0.60	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
2-Chloronaphthalene	ND	5.1	0.30	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
2-Chlorophenol	ND	10	0.65	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
2-Methylnaphthalene	ND	5.1	0.40	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
2-Methylphenol	ND	10	2.6	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
2-Nitroaniline	ND	5.1	0.48	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
2-Nitrophenol	ND	10	0.55	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
3,3-Dichlorobenzidine	ND	5.1	0.55	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
3-/4-Methylphenol	ND	10	0.28	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
3-Nitroaniline	ND	5.1	0.68	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
4,6-Dinitro-2-methylphenol	ND	5.1	0.72	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
4-Bromophenyl phenyl ether	ND	5.1	0.25	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
4-Chloro-3-methylphenol	ND	5.1	0.24	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
4-Chloroaniline	ND	5.1	0.61	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	

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Service Engineering Group	Client Ref:05017-0207	Work Order #: 0505992
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-IN-DCN

0505992-03 (Water)

11/15/05 16:10

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
4-Chlorophenyl phenyl ether	ND	2.1	0.25	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
4-Nitroaniline	ND	5.1	0.35	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
4-Nitrophenol	ND	5.1	0.84	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Acenaphthene	ND	2.1	0.27	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Acenaphthylene	ND	2.1	0.19	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Aniline	ND	5.1	0.90	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Anthracene	ND	2.1	0.21	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Benz(a)anthracene	ND	2.1	0.73	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Benzo(a)pyrene	ND	2.1	0.79	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Benzo(b)fluoranthene	ND	2.1	0.43	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Benzo(g,h,i)perylene	ND	2.1	0.69	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Benzo(k)fluoranthene	ND	2.1	0.77	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Benzyl alcohol	ND	10	0.33	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
bis(2-Chloroethoxy)methane	ND	5.1	0.35	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Bis(2-Chloroethyl)ether	ND	5.1	0.43	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Bis(2-chloroisopropyl)ether	ND	5.1	0.33	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Bis(2-Ethylhexyl)phthalate	ND	5.1	1.6	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Butyl benzyl phthalate	ND	5.1	0.32	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Carbazole	ND	5.1	0.35	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Chrysene	ND	2.1	0.72	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Dibenz(a,h)anthracene	ND	2.1	0.80	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Dibenzofuran	ND	5.1	0.28	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Diethylphthalate	ND	5.1	0.31	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Dimethyl phthalate	ND	5.1	0.22	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Di-n-butyl phthalate	ND	5.1	0.48	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Di-n-octyl phthalate	ND	5.1	0.82	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Fluoranthene	ND	2.1	0.26	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Fluorene	ND	2.1	0.47	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	

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675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-IN-DCN

0505992-03 (Water)

11/15/05 16:10

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Hexachlorobenzene	ND	5.1	0.25	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Hexachlorobutadiene	ND	5.1	0.32	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Hexachlorocyclopentadiene	ND	5.1	0.28	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Hexachloroethane	ND	5.1	0.36	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Indeno(1,2,3-cd)pyrene	ND	2.1	0.80	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Isophorone	ND	5.1	0.21	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Naphthalene	**8.9**	5.1	0.32	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Nitrobenzene	ND	5.1	0.27	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
N-Nitrosodimethylamine	ND	5.1	0.27	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
N-Nitrosodi-n-propylamine	ND	5.1	0.32	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
N-Nitrosodiphenylamine	ND	5.1	0.32	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Pentachlorophenol	ND	5.1	0.56	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Phenanthrene	ND	2.1	0.21	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Phenol	ND	10	2.2	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Pyrene	ND	2.1	0.51	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Pyridine	ND	10	2.5	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Surrogate: 2,4,6-Tribromophenol	*96.7 %*	*Limits: 65-100%*			*B5K0377*	*11/21/05*	*11/22/05*	*EPA 8270C*	
Surrogate: 2-Fluorobiphenyl	*87.9 %*	*Limits: 59-101%*			*B5K0377*	*11/21/05*	*11/22/05*	*EPA 8270C*	
Surrogate: 2-Fluorophenol	*48.9 %*	*Limits: 30-75%*			*B5K0377*	*11/21/05*	*11/22/05*	*EPA 8270C*	
Surrogate: Nitrobenzene-d5	*67.2 %*	*Limits: 57-101%*			*B5K0377*	*11/21/05*	*11/22/05*	*EPA 8270C*	
Surrogate: Phenol-d6	*45.0 %*	*Limits: 30-75%*			*B5K0377*	*11/21/05*	*11/22/05*	*EPA 8270C*	
Surrogate: Terphenyl-d14	*92.6 %*	*Limits: 65-100%*			*B5K0377*	*11/21/05*	*11/22/05*	*EPA 8270C*	

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	ug/L	B5K0445	11/18/05	11/18/05	EPA 8260B	
1,1,1-Trichloroethane	ND	1.0	0.050	ug/L	B5K0445	11/18/05	11/18/05	EPA 8260B	

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Service Engineering Group	Client Ref:05017-0207	Work Order #: 0505992
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-IN-DCN

0505992-03 (Water)

11/15/05 16:10

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/L	B5K0445	11/18/05	11/18/05	EPA 8260B	
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	B5K0445	11/18/05	11/18/05	EPA 8260B	
1,1,2-Trichlorotrifluoroethane	ND	1.0	0.12	ug/L	B5K0445	11/18/05	11/18/05	EPA 8260B	
1,1-Dichloroethane	ND	1.0	0.053	ug/L	B5K0445	11/18/05	11/18/05	EPA 8260B	
1,1-Dichloroethene	ND	1.0	0.085	ug/L	B5K0445	11/18/05	11/18/05	EPA 8260B	
1,1-Dichloropropene	ND	1.0	0.073	ug/L	B5K0445	11/18/05	11/18/05	EPA 8260B	
1,2,3-Trichlorobenzene	ND	1.0	0.11	ug/L	B5K0445	11/18/05	11/18/05	EPA 8260B	
1,2,3-Trichloropropane	ND	1.0	0.30	ug/L	B5K0445	11/18/05	11/18/05	EPA 8260B	
1,2,4-Trichlorobenzene	ND	1.0	0.14	ug/L	B5K0445	11/18/05	11/18/05	EPA 8260B	
1,2,4-Trimethylbenzene	ND	1.0	0.071	ug/L	B5K0445	11/18/05	11/18/05	EPA 8260B	
1,2-Dibromo-3-chloropropane	ND	1.0	0.41	ug/L	B5K0445	11/18/05	11/18/05	EPA 8260B	
1,2-Dibromoethane	ND	1.0	0.064	ug/L	B5K0445	11/18/05	11/18/05	EPA 8260B	
1,2-Dichlorobenzene	ND	1.0	0.12	ug/L	B5K0445	11/18/05	11/18/05	EPA 8260B	
1,2-Dichloroethane	ND	1.0	0.053	ug/L	B5K0445	11/18/05	11/18/05	EPA 8260B	
1,2-Dichloropropane	ND	1.0	0.050	ug/L	B5K0445	11/18/05	11/18/05	EPA 8260B	
1,3,5-Trimethylbenzene	ND	1.0	0.097	ug/L	B5K0445	11/18/05	11/18/05	EPA 8260B	
1,3-Dichlorobenzene	ND	1.0	0.083	ug/L	B5K0445	11/18/05	11/18/05	EPA 8260B	
1,3-Dichloropropane	ND	1.0	0.13	ug/L	B5K0445	11/18/05	11/18/05	EPA 8260B	
1,4-Dichlorobenzene	ND	1.0	0.12	ug/L	B5K0445	11/18/05	11/18/05	EPA 8260B	
2,2-Dichloropropane	ND	1.0	0.10	ug/L	B5K0445	11/18/05	11/18/05	EPA 8260B	
2-Butanone (MEK)	ND	10	1.3	ug/L	B5K0445	11/18/05	11/18/05	EPA 8260B	
2-Chlorotoluene	ND	1.0	0.20	ug/L	B5K0445	11/18/05	11/18/05	EPA 8260B	
4-Chlorotoluene	ND	1.0	0.13	ug/L	B5K0445	11/18/05	11/18/05	EPA 8260B	
4-Isopropyltoluene	ND	1.0	0.058	ug/L	B5K0445	11/18/05	11/18/05	EPA 8260B	
Acetone	ND	20	1.5	ug/L	B5K0445	11/18/05	11/18/05	EPA 8260B	go
Allyl Chloride	ND	1.0	0.26	ug/L	B5K0445	11/18/05	11/18/05	EPA 8260B	
Benzene	ND	1.0	0.045	ug/L	B5K0445	11/18/05	11/18/05	EPA 8260B	
Bromobenzene	ND	1.0	0.15	ug/L	B5K0445	11/18/05	11/18/05	EPA 8260B	

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Service Engineering Group	Client Ref:05017-0207	Work Order #: 0505992
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-IN-DCN

0505992-03 (Water)

11/15/05 16:10

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Bromochloromethane	ND	1.0	0.21	ug/L	B5K0445	11/18/05	11/18/05	EPA 8260B	
Bromodichloromethane	**4.4**	1.0	0.11	ug/L	B5K0445	11/18/05	11/18/05	EPA 8260B	
Bromoform	ND	5.0	0.13	ug/L	B5K0445	11/18/05	11/18/05	EPA 8260B	
Bromomethane	ND	1.0	0.14	ug/L	B5K0445	11/18/05	11/18/05	EPA 8260B	
Carbon Tetrachloride	ND	1.0	0.057	ug/L	B5K0445	11/18/05	11/18/05	EPA 8260B	
Chlorobenzene	ND	1.0	0.042	ug/L	B5K0445	11/18/05	11/18/05	EPA 8260B	
Chlorodibromomethane	ND	1.0	0.028	ug/L	B5K0445	11/18/05	11/18/05	EPA 8260B	
Chloroethane	ND	1.0	0.11	ug/L	B5K0445	11/18/05	11/18/05	EPA 8260B	
Chloroform	**15**	1.0	0.12	ug/L	B5K0445	11/18/05	11/18/05	EPA 8260B	
Chloromethane	ND	1.0	0.20	ug/L	B5K0445	11/18/05	11/18/05	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.0	0.10	ug/L	B5K0445	11/18/05	11/18/05	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.0	0.041	ug/L	B5K0445	11/18/05	11/18/05	EPA 8260B	
Dibromomethane	ND	1.0	0.20	ug/L	B5K0445	11/18/05	11/18/05	EPA 8260B	
Dichlorodifluoromethane	ND	1.0	0.13	ug/L	B5K0445	11/18/05	11/18/05	EPA 8260B	go
Dichlorofluoromethane	ND	1.0	0.10	ug/L	B5K0445	11/18/05	11/18/05	EPA 8260B	
Ethyl Ether	ND	1.0	0.31	ug/L	B5K0445	11/18/05	11/18/05	EPA 8260B	
Ethylbenzene	ND	1.0	0.10	ug/L	B5K0445	11/18/05	11/18/05	EPA 8260B	
Hexachlorobutadiene	ND	2.0	0.24	ug/L	B5K0445	11/18/05	11/18/05	EPA 8260B	
Isopropylbenzene	ND	1.0	0.064	ug/L	B5K0445	11/18/05	11/18/05	EPA 8260B	
m,p-Xylenes	ND	1.0	0.13	ug/L	B5K0445	11/18/05	11/18/05	EPA 8260B	
Methyl Isobutyl Ketone	ND	5.0	0.42	ug/L	B5K0445	11/18/05	11/18/05	EPA 8260B	
Methylene chloride	ND	5.0	0.63	ug/L	B5K0445	11/18/05	11/18/05	EPA 8260B	
Methyl-t-butyl ether	ND	1.0	0.12	ug/L	B5K0445	11/18/05	11/18/05	EPA 8260B	
Naphthalene	ND	1.0	0.10	ug/L	B5K0445	11/18/05	11/18/05	EPA 8260B	
n-Butylbenzene	ND	1.0	0.12	ug/L	B5K0445	11/18/05	11/18/05	EPA 8260B	
n-Propylbenzene	ND	1.0	0.10	ug/L	B5K0445	11/18/05	11/18/05	EPA 8260B	
o-Xylene	ND	1.0	0.14	ug/L	B5K0445	11/18/05	11/18/05	EPA 8260B	
sec-Butylbenzene	ND	1.0	0.042	ug/L	B5K0445	11/18/05	11/18/05	EPA 8260B	

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Service Engineering Group	Client Ref:05017-0207	Work Order #: 0505992
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-IN-DCN

0505992-03 (Water)

11/15/05 16:10

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Styrene	ND	1.0	0.047	ug/L	B5K0445	11/18/05	11/18/05	EPA 8260B	
tert-Butylbenzene	ND	1.0	0.10	ug/L	B5K0445	11/18/05	11/18/05	EPA 8260B	
Tetrachloroethene	ND	2.0	0.19	ug/L	B5K0445	11/18/05	11/18/05	EPA 8260B	
Tetrahydrofuran	ND	5.0	1.2	ug/L	B5K0445	11/18/05	11/18/05	EPA 8260B	
Toluene	ND	1.0	0.17	ug/L	B5K0445	11/18/05	11/18/05	EPA 8260B	
trans-1,2-Dichloroethene	ND	1.0	0.14	ug/L	B5K0445	11/18/05	11/18/05	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.0	0.12	ug/L	B5K0445	11/18/05	11/18/05	EPA 8260B	
Trichloroethene	ND	1.0	0.073	ug/L	B5K0445	11/18/05	11/18/05	EPA 8260B	
Trichlorofluoromethane	ND	1.0	0.19	ug/L	B5K0445	11/18/05	11/18/05	EPA 8260B	
Vinyl chloride	ND	1.0	0.25	ug/L	B5K0445	11/18/05	11/18/05	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4	*109 %*	*Limits: 82-128%*			*B5K0445*	*11/18/05*	*11/18/05*	*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene	*86.4 %*	*Limits: 76-119%*			*B5K0445*	*11/18/05*	*11/18/05*	*EPA 8260B*	
Surrogate: Dibromofluoromethane	*99.6 %*	*Limits: 79-127%*			*B5K0445*	*11/18/05*	*11/18/05*	*EPA 8260B*	
Surrogate: Toluene-d8	*99.2 %*	*Limits: 82-116%*			*B5K0445*	*11/18/05*	*11/18/05*	*EPA 8260B*	

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Service Engineering Group	Client Ref:05017-0207	Work Order #: 0505992
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Classical Chemistry Parameters - Quality Control

Batch B5K0450 - NO PREP

Method Blank (B5K0450-BLK1) Prepared: 11/23/05 Analyzed: 11/25/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
% Solids	ND			% Wt	NA	NA	NA	NA	NA	NA	

Duplicate (B5K0450-DUP1) **Source: 0505992-01** Prepared: 11/23/05 Analyzed: 11/25/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
% Solids	49.6			% Wt	NA	50	NA	NA	0.803	20	

Standard Reference Material (B5K0450-SRM1) Prepared: 11/23/05 Analyzed: 11/25/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
% Solids	86.3			% Wt	88.8	NA	97.2	90-110	NA	NA	

Batch B5L0121 - NO PREP

Duplicate (B5L0121-DUP1) **Source: 0505992-01** Prepared: 11/23/05 Analyzed: 11/29/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Organic Carbon	41400	1000	1000	mg/kg	NA	32800	NA	NA	23.2	200	ts

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Metals - Quality Control

Batch B5K0325 - EPA 7470A

Method Blank (B5K0325-BLK1) Prepared: 11/17/05 Analyzed: 11/18/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.0890 J	0.20	0.011	ug/L	NA	NA	NA	NA	NA	NA	

Laboratory Control Sample (B5K0325-BS1) Prepared: 11/17/05 Analyzed: 11/18/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	2.71	0.20	0.011	ug/L	2.50	NA	108	85-115	NA	NA	

Laboratory Control Sample Duplicate (B5K0325-BSD1) Prepared: 11/17/05 Analyzed: 11/18/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	2.68	0.20	0.011	ug/L	2.50	NA	107	85-115	1.11	20	

Matrix Spike (B5K0325-MS1) **Source: 0505992-03** Prepared: 11/17/05 Analyzed: 11/18/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	2.55	0.20	0.011	ug/L	2.50	0.084	98.6	75-125	NA	NA	

Matrix Spike Duplicate (B5K0325-MSD1) **Source: 0505992-03** Prepared: 11/17/05 Analyzed: 11/18/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	2.70	0.20	0.011	ug/L	2.50	0.084	105	75-125	5.71	20	

Batch B5K0333 - EPA 7471A

Method Blank (B5K0333-BLK1) Prepared: 11/17/05 Analyzed: 11/21/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.00667 J	0.020	0.00090	mg/kg	NA	NA	NA	NA	NA	NA	

Laboratory Control Sample (B5K0333-BS1) Prepared: 11/17/05 Analyzed: 11/21/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.269	0.020	0.00090	mg/kg	0.250	NA	108	85-115	NA	NA	

Laboratory Control Sample Duplicate (B5K0333-BSD1) Prepared: 11/17/05 Analyzed: 11/21/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.271	0.020	0.00090	mg/kg	0.250	NA	108	85-115	0.741	20	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Metals - Quality Control

Batch B5K0333 - EPA 7471A

Standard Reference Material (B5K0333-SRM1) Prepared: 11/17/05 Analyzed: 11/21/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	3.90	0.18	0.0079	mg/kg	3.66	NA	107	57.4-139	NA	NA	

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Semivolatile Organic Compounds - Quality Control

Batch B5K0355 - EPA 3545

Method Blank (B5K0355-BLK1) Prepared: 11/18/05 Analyzed: 11/21/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	0.0160 J	0.067	0.0050	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Diphenylhydrazine	ND	0.067	0.0060	mg/kg	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	ND	0.067	0.0080	mg/kg	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	0.0370 J	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
2,4,5-Trichlorophenol	ND	0.067	0.019	mg/kg	NA	NA	NA	NA	NA	NA	
2,4,6-Trichlorophenol	ND	0.067	0.017	mg/kg	NA	NA	NA	NA	NA	NA	
2,4-Dichlorophenol	ND	0.067	0.019	mg/kg	NA	NA	NA	NA	NA	NA	
2,4-Dimethylphenol	ND	0.17	0.059	mg/kg	NA	NA	NA	NA	NA	NA	
2,4-Dinitrophenol	ND	0.17	0.018	mg/kg	NA	NA	NA	NA	NA	NA	
2,4-Dinitrotoluene	ND	0.067	0.0070	mg/kg	NA	NA	NA	NA	NA	NA	
2,6-Dinitrotoluene	ND	0.067	0.0060	mg/kg	NA	NA	NA	NA	NA	NA	
2-Chloronaphthalene	ND	0.067	0.0070	mg/kg	NA	NA	NA	NA	NA	NA	
2-Chlorophenol	ND	0.067	0.018	mg/kg	NA	NA	NA	NA	NA	NA	
2-Methylnaphthalene	ND	0.067	0.023	mg/kg	NA	NA	NA	NA	NA	NA	
2-Methylphenol	ND	0.17	0.017	mg/kg	NA	NA	NA	NA	NA	NA	
2-Nitroaniline	ND	0.067	0.018	mg/kg	NA	NA	NA	NA	NA	NA	
2-Nitrophenol	ND	0.067	0.019	mg/kg	NA	NA	NA	NA	NA	NA	
3,3-Dichlorobenzidine	ND	0.33	0.017	mg/kg	NA	NA	NA	NA	NA	NA	
3-/4-Methylphenol	ND	0.17	0.021	mg/kg	NA	NA	NA	NA	NA	NA	
3-Nitroaniline	ND	0.17	0.018	mg/kg	NA	NA	NA	NA	NA	NA	
4,6-Dinitro-2-methylphenol	ND	0.17	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
4-Bromophenyl phenyl ether	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
4-Chloro-3-methylphenol	ND	0.067	0.022	mg/kg	NA	NA	NA	NA	NA	NA	
4-Chloroaniline	ND	0.17	0.018	mg/kg	NA	NA	NA	NA	NA	NA	
4-Chlorophenyl phenyl ether	ND	0.067	0.011	mg/kg	NA	NA	NA	NA	NA	NA	
4-Nitroaniline	ND	0.067	0.015	mg/kg	NA	NA	NA	NA	NA	NA	
4-Nitrophenol	ND	0.067	0.021	mg/kg	NA	NA	NA	NA	NA	NA	
Acenaphthene	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Acenaphthylene	ND	0.067	0.0070	mg/kg	NA	NA	NA	NA	NA	NA	
Aniline	ND	0.17	0.042	mg/kg	NA	NA	NA	NA	NA	NA	
Anthracene	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Benz(a)anthracene	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Benzo(a)pyrene	ND	0.067	0.0080	mg/kg	NA	NA	NA	NA	NA	NA	
Benzo(b)fluoranthene	ND	0.067	0.017	mg/kg	NA	NA	NA	NA	NA	NA	
Benzo(g,h,i)perylene	ND	0.067	0.0060	mg/kg	NA	NA	NA	NA	NA	NA	
Benzo(k)fluoranthene	ND	0.067	0.014	mg/kg	NA	NA	NA	NA	NA	NA	
Benzyl alcohol	ND	0.067	0.027	mg/kg	NA	NA	NA	NA	NA	NA	
bis(2-Chloroethoxy)methane	ND	0.067	0.011	mg/kg	NA	NA	NA	NA	NA	NA	

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Service Engineering Group	Client Ref:05017-0207	Work Order #: 0505992
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5K0355 - EPA 3545

Method Blank (B5K0355-BLK1) Prepared: 11/18/05 Analyzed: 11/21/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Bis(2-Chloroethyl)ether	ND	0.067	0.012	mg/kg	NA	NA	NA	NA	NA	NA	
Bis(2-chloroisopropyl)ether	ND	0.067	0.014	mg/kg	NA	NA	NA	NA	NA	NA	
Bis(2-Ethylhexyl)phthalate	ND	0.33	0.0090	mg/kg	NA	NA	NA	NA	NA	NA	
Butyl benzyl phthalate	ND	0.067	0.0080	mg/kg	NA	NA	NA	NA	NA	NA	
Carbazole	ND	0.067	0.015	mg/kg	NA	NA	NA	NA	NA	NA	
Chrysene	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Dibenz(a,h)anthracene	ND	0.067	0.021	mg/kg	NA	NA	NA	NA	NA	NA	
Dibenzofuran	ND	0.067	0.013	mg/kg	NA	NA	NA	NA	NA	NA	
Diethylphthalate	ND	0.067	0.011	mg/kg	NA	NA	NA	NA	NA	NA	
Dimethyl phthalate	ND	0.067	0.011	mg/kg	NA	NA	NA	NA	NA	NA	
Di-n-butyl phthalate	ND	0.33	0.014	mg/kg	NA	NA	NA	NA	NA	NA	
Di-n-octyl phthalate	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Fluoranthene	ND	0.067	0.0070	mg/kg	NA	NA	NA	NA	NA	NA	
Fluorene	ND	0.067	0.0040	mg/kg	NA	NA	NA	NA	NA	NA	
Hexachlorobenzene	ND	0.067	0.0090	mg/kg	NA	NA	NA	NA	NA	NA	
Hexachlorobutadiene	ND	0.067	0.0060	mg/kg	NA	NA	NA	NA	NA	NA	
Hexachlorocyclopentadiene	ND	0.067	0.0090	mg/kg	NA	NA	NA	NA	NA	NA	
Hexachloroethane	ND	0.067	0.0090	mg/kg	NA	NA	NA	NA	NA	NA	
Indeno(1,2,3-cd)pyrene	ND	0.067	0.0090	mg/kg	NA	NA	NA	NA	NA	NA	
Isophorone	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Naphthalene	0.0847	0.067	0.0050	mg/kg	NA	NA	NA	NA	NA	NA	
Nitrobenzene	ND	0.067	0.012	mg/kg	NA	NA	NA	NA	NA	NA	
N-Nitrosodimethylamine	ND	0.067	0.021	mg/kg	NA	NA	NA	NA	NA	NA	
N-Nitrosodi-n-propylamine	ND	0.067	0.012	mg/kg	NA	NA	NA	NA	NA	NA	
N-Nitrosodiphenylamine	ND	0.067	0.0070	mg/kg	NA	NA	NA	NA	NA	NA	
Pentachlorophenol	ND	0.17	0.019	mg/kg	NA	NA	NA	NA	NA	NA	
Phenanthrene	ND	0.067	0.0080	mg/kg	NA	NA	NA	NA	NA	NA	
Phenol	ND	0.067	0.018	mg/kg	NA	NA	NA	NA	NA	NA	
Pyrene	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Pyridine	ND	0.067	0.039	mg/kg	NA	NA	NA	NA	NA	NA	
Surrogate: 2,4,6-Tribromophenol	*0.715*			mg/kg	*1.67*	*NA*	*42.8*	*30-150*			
Surrogate: 2-Fluorobiphenyl	*0.653*			mg/kg	*0.833*	*NA*	*78.4*	*30-104*			
Surrogate: 2-Fluorophenol	*1.11*			mg/kg	*1.67*	*NA*	*66.5*	*30-106*			
Surrogate: Nitrobenzene-d5	*0.555*			mg/kg	*0.833*	*NA*	*66.6*	*30-90*			
Surrogate: Phenol-d6	*1.18*			mg/kg	*1.67*	*NA*	*70.7*	*30-102*			
Surrogate: Terphenyl-d14	*0.665*			mg/kg	*0.833*	*NA*	*79.8*	*30-115*			

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Service Engineering Group	Client Ref:05017-0207	Work Order #: 0505992
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5K0355 - EPA 3545

Laboratory Control Sample (B5K0355-BS1) Prepared: 11/18/05 Analyzed: 11/21/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	1.36	0.067	0.010	mg/kg	1.67	NA	81.4	55-115	NA	NA	
1,4-Dichlorobenzene	1.34	0.067	0.010	mg/kg	1.67	NA	80.2	55-115	NA	NA	
2,4-Dinitrophenol	0.591	0.17	0.018	mg/kg	1.67	NA	35.4	0-200	NA	NA	
2-Chlorophenol	1.41	0.067	0.018	mg/kg	1.67	NA	84.4	55-115	NA	NA	
4-Chloro-3-methylphenol	1.41	0.067	0.022	mg/kg	1.67	NA	84.4	55-115	NA	NA	
4-Nitrophenol	1.45	0.067	0.021	mg/kg	1.67	NA	86.8	45-130	NA	NA	
Acenaphthene	1.57	0.067	0.010	mg/kg	1.67	NA	94.0	50-115	NA	NA	
N-Nitrosodi-n-propylamine	1.44	0.067	0.012	mg/kg	1.67	NA	86.2	65-115	NA	NA	
Pentachlorophenol	0.924	0.17	0.019	mg/kg	1.67	NA	55.3	30-130	NA	NA	
Phenol	1.38	0.067	0.018	mg/kg	1.67	NA	82.6	55-115	NA	NA	
Pyrene	2.05	0.067	0.010	mg/kg	1.67	NA	123	50-130	NA	NA	
Surrogate: 2,4,6-Tribromophenol	*1.42*			mg/kg	*1.67*	*NA*	*85.0*	*30-150*			
Surrogate: 2-Fluorobiphenyl	*0.768*			mg/kg	*0.833*	*NA*	*92.2*	*30-104*			
Surrogate: 2-Fluorophenol	*1.27*			mg/kg	*1.67*	*NA*	*76.0*	*30-106*			
Surrogate: Nitrobenzene-d5	*0.616*			mg/kg	*0.833*	*NA*	*73.9*	*30-90*			
Surrogate: Phenol-d6	*1.38*			mg/kg	*1.67*	*NA*	*82.6*	*30-102*			
Surrogate: Terphenyl-d14	*0.764*			mg/kg	*0.833*	*NA*	*91.7*	*30-115*			

Laboratory Control Sample Duplicate (B5K0355-BSD1) Prepared: 11/18/05 Analyzed: 11/21/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	1.43	0.067	0.010	mg/kg	1.67	NA	85.6	55-115	5.02	25	
1,4-Dichlorobenzene	1.29	0.067	0.010	mg/kg	1.67	NA	77.2	55-115	3.80	25	
2,4-Dinitrophenol	0.532	0.17	0.018	mg/kg	1.67	NA	31.9	0-200	10.5	200	
2-Chlorophenol	1.38	0.067	0.018	mg/kg	1.67	NA	82.6	55-115	2.15	25	
4-Chloro-3-methylphenol	1.40	0.067	0.022	mg/kg	1.67	NA	83.8	55-115	0.712	25	
4-Nitrophenol	1.38	0.067	0.021	mg/kg	1.67	NA	82.6	45-130	4.95	30	
Acenaphthene	1.50	0.067	0.010	mg/kg	1.67	NA	89.8	50-115	4.56	25	
N-Nitrosodi-n-propylamine	1.42	0.067	0.012	mg/kg	1.67	NA	85.0	65-115	1.40	25	
Pentachlorophenol	1.02	0.17	0.019	mg/kg	1.67	NA	61.1	30-130	9.88	30	
Phenol	1.34	0.067	0.018	mg/kg	1.67	NA	80.2	55-115	2.94	25	
Pyrene	1.58	0.067	0.010	mg/kg	1.67	NA	94.6	50-130	25.9	25	
Surrogate: 2,4,6-Tribromophenol	*1.42*			mg/kg	*1.67*	*NA*	*85.0*	*30-150*			
Surrogate: 2-Fluorobiphenyl	*0.796*			mg/kg	*0.833*	*NA*	*95.6*	*30-104*			
Surrogate: 2-Fluorophenol	*1.26*			mg/kg	*1.67*	*NA*	*75.4*	*30-106*			
Surrogate: Nitrobenzene-d5	*0.639*			mg/kg	*0.833*	*NA*	*76.7*	*30-90*			
Surrogate: Phenol-d6	*1.35*			mg/kg	*1.67*	*NA*	*80.8*	*30-102*			
Surrogate: Terphenyl-d14	*0.792*			mg/kg	*0.833*	*NA*	*95.1*	*30-115*			

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Service Engineering Group	Client Ref:05017-0207	Work Order #: 0505992
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5K0355 - EPA 3545

Matrix Spike (B5K0355-MS1) **Source: 0505992-01** Prepared: 11/18/05 Analyzed: 11/21/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	37.3	0.14	0.020	mg/kg dry	3.35	25	367	30-110	NA	NA	
1,4-Dichlorobenzene	55.3	0.14	0.020	mg/kg dry	3.35	47	248	30-110	NA	NA	
2,4-Dinitrophenol	1.34	0.34	0.036	mg/kg dry	3.35	ND	40.0	0-200	NA	NA	
2-Chlorophenol	2.09	0.14	0.036	mg/kg dry	3.35	ND	62.4	35-110	NA	NA	
4-Chloro-3-methylphenol	3.01	0.14	0.044	mg/kg dry	3.35	ND	89.9	40-110	NA	NA	
4-Nitrophenol	0.0703 J	0.14	0.042	mg/kg dry	3.35	ND	2.10	30-120	NA	NA	
Acenaphthene	5.96	0.14	0.020	mg/kg dry	3.35	ND	178	30-115	NA	NA	
N-Nitrosodi-n-propylamine	2.71	0.14	0.024	mg/kg dry	3.35	ND	80.9	35-115	NA	NA	
Pentachlorophenol	ND	0.34	0.038	mg/kg dry	3.35	ND	NA	30-130	NA	NA	
Phenol	8.58	0.14	0.036	mg/kg dry	3.35	5.1	104	30-115	NA	NA	
Pyrene	6.07	0.14	0.020	mg/kg dry	3.35	3.1	88.7	30-130	NA	NA	
Surrogate: 2,4,6-Tribromophenol	*0.986*			mg/kg dry	*3.35*	*NA*	*29.4*	*30-150*			
Surrogate: 2-Fluorobiphenyl	*2.16*			mg/kg dry	*1.67*	*NA*	*129*	*30-104*			
Surrogate: 2-Fluorophenol	*1.70*			mg/kg dry	*3.35*	*NA*	*50.7*	*30-106*			
Surrogate: Nitrobenzene-d5	*1.33*			mg/kg dry	*1.67*	*NA*	*79.6*	*30-90*			
Surrogate: Phenol-d6	*2.45*			mg/kg dry	*3.35*	*NA*	*73.1*	*30-102*			
Surrogate: Terphenyl-d14	*1.28*			mg/kg dry	*1.67*	*NA*	*76.6*	*30-115*			

Matrix Spike Duplicate (B5K0355-MSD1) **Source: 0505992-01** Prepared: 11/18/05 Analyzed: 11/21/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	39.7	0.14	0.020	mg/kg dry	3.35	25	439	30-110	6.23	30	
1,4-Dichlorobenzene	57.9	0.14	0.020	mg/kg dry	3.35	47	325	30-110	4.59	30	
2,4-Dinitrophenol	1.37	0.34	0.036	mg/kg dry	3.35	ND	40.9	0-200	2.21	200	
2-Chlorophenol	1.75	0.14	0.036	mg/kg dry	3.35	ND	52.2	35-110	17.7	25	
4-Chloro-3-methylphenol	2.65	0.14	0.044	mg/kg dry	3.35	ND	79.1	40-110	12.7	30	
4-Nitrophenol	0.145	0.14	0.042	mg/kg dry	3.35	ND	4.33	30-120	69.4	30	
Acenaphthene	4.98	0.14	0.020	mg/kg dry	3.35	ND	149	30-115	17.9	30	
N-Nitrosodi-n-propylamine	2.07	0.14	0.024	mg/kg dry	3.35	ND	61.8	35-115	26.8	30	
Pentachlorophenol	ND	0.34	0.038	mg/kg dry	3.35	ND	NA	30-130	NA	30	
Phenol	7.84	0.14	0.036	mg/kg dry	3.35	5.1	81.8	30-115	9.01	25	
Pyrene	5.82	0.14	0.020	mg/kg dry	3.35	3.1	81.2	30-130	4.21	35	
Surrogate: 2,4,6-Tribromophenol	*0.761*			mg/kg dry	*3.35*	*NA*	*22.7*	*30-150*			
Surrogate: 2-Fluorobiphenyl	*1.57*			mg/kg dry	*1.67*	*NA*	*94.0*	*30-104*			
Surrogate: 2-Fluorophenol	*1.44*			mg/kg dry	*3.35*	*NA*	*43.0*	*30-106*			
Surrogate: Nitrobenzene-d5	*1.12*			mg/kg dry	*1.67*	*NA*	*67.1*	*30-90*			
Surrogate: Phenol-d6	*2.06*			mg/kg dry	*3.35*	*NA*	*61.5*	*30-102*			
Surrogate: Terphenyl-d14	*1.15*			mg/kg dry	*1.67*	*NA*	*68.9*	*30-115*			

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Service Engineering Group	Client Ref:05017-0207	Work Order #: 0505992
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5K0377 - EPA 3510C

Method Blank (B5K0377-BLK1) Prepared: 11/21/05 Analyzed: 11/22/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	ND	5.0	0.33	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	ND	5.0	0.27	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Diphenylhydrazine	ND	5.0	0.37	ug/L	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	ND	5.0	0.30	ug/L	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	ND	5.0	0.29	ug/L	NA	NA	NA	NA	NA	NA	
2,4,5-Trichlorophenol	ND	5.0	0.15	ug/L	NA	NA	NA	NA	NA	NA	
2,4,6-Trichlorophenol	ND	5.0	0.23	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dichlorophenol	ND	10	0.28	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dimethylphenol	ND	5.0	0.40	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dinitrophenol	ND	5.0	0.96	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dinitrotoluene	ND	5.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
2,6-Dinitrotoluene	ND	5.0	0.58	ug/L	NA	NA	NA	NA	NA	NA	
2-Chloronaphthalene	ND	5.0	0.30	ug/L	NA	NA	NA	NA	NA	NA	
2-Chlorophenol	ND	10	0.63	ug/L	NA	NA	NA	NA	NA	NA	
2-Methylnaphthalene	ND	5.0	0.39	ug/L	NA	NA	NA	NA	NA	NA	
2-Methylphenol	ND	10	2.5	ug/L	NA	NA	NA	NA	NA	NA	
2-Nitroaniline	ND	5.0	0.46	ug/L	NA	NA	NA	NA	NA	NA	
2-Nitrophenol	ND	10	0.54	ug/L	NA	NA	NA	NA	NA	NA	
3,3-Dichlorobenzidine	ND	5.0	0.54	ug/L	NA	NA	NA	NA	NA	NA	
3-/4-Methylphenol	ND	10	0.28	ug/L	NA	NA	NA	NA	NA	NA	
3-Nitroaniline	ND	5.0	0.66	ug/L	NA	NA	NA	NA	NA	NA	
4,6-Dinitro-2-methylphenol	ND	5.0	0.70	ug/L	NA	NA	NA	NA	NA	NA	
4-Bromophenyl phenyl ether	ND	5.0	0.24	ug/L	NA	NA	NA	NA	NA	NA	
4-Chloro-3-methylphenol	ND	5.0	0.23	ug/L	NA	NA	NA	NA	NA	NA	
4-Chloroaniline	ND	5.0	0.59	ug/L	NA	NA	NA	NA	NA	NA	
4-Chlorophenyl phenyl ether	ND	2.0	0.25	ug/L	NA	NA	NA	NA	NA	NA	
4-Nitroaniline	ND	5.0	0.34	ug/L	NA	NA	NA	NA	NA	NA	
4-Nitrophenol	ND	5.0	0.82	ug/L	NA	NA	NA	NA	NA	NA	
Acenaphthene	ND	2.0	0.26	ug/L	NA	NA	NA	NA	NA	NA	
Acenaphthylene	ND	2.0	0.19	ug/L	NA	NA	NA	NA	NA	NA	
Aniline	ND	5.0	0.88	ug/L	NA	NA	NA	NA	NA	NA	
Anthracene	ND	2.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Benz(a)anthracene	ND	2.0	0.71	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(a)pyrene	ND	2.0	0.77	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(b)fluoranthene	ND	2.0	0.42	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(g,h,i)perylene	ND	2.0	0.67	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(k)fluoranthene	ND	2.0	0.75	ug/L	NA	NA	NA	NA	NA	NA	
Benzyl alcohol	ND	10	0.32	ug/L	NA	NA	NA	NA	NA	NA	
bis(2-Chloroethoxy)methane	ND	5.0	0.34	ug/L	NA	NA	NA	NA	NA	NA	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5K0377 - EPA 3510C

Method Blank (B5K0377-BLK1) Prepared: 11/21/05 Analyzed: 11/22/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Bis(2-Chloroethyl)ether	ND	5.0	0.42	ug/L	NA	NA	NA	NA	NA	NA	
Bis(2-chloroisopropyl)ether	ND	5.0	0.32	ug/L	NA	NA	NA	NA	NA	NA	
Bis(2-Ethylhexyl)phthalate	ND	5.0	1.5	ug/L	NA	NA	NA	NA	NA	NA	
Butyl benzyl phthalate	ND	5.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
Carbazole	ND	5.0	0.34	ug/L	NA	NA	NA	NA	NA	NA	
Chrysene	ND	2.0	0.70	ug/L	NA	NA	NA	NA	NA	NA	
Dibenz(a,h)anthracene	ND	2.0	0.78	ug/L	NA	NA	NA	NA	NA	NA	
Dibenzofuran	ND	5.0	0.27	ug/L	NA	NA	NA	NA	NA	NA	
Diethylphthalate	ND	5.0	0.30	ug/L	NA	NA	NA	NA	NA	NA	
Dimethyl phthalate	ND	5.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Di-n-butyl phthalate	ND	5.0	0.47	ug/L	NA	NA	NA	NA	NA	NA	
Di-n-octyl phthalate	ND	5.0	0.80	ug/L	NA	NA	NA	NA	NA	NA	
Fluoranthene	ND	2.0	0.26	ug/L	NA	NA	NA	NA	NA	NA	
Fluorene	ND	2.0	0.46	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorobenzene	ND	5.0	0.24	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorobutadiene	ND	5.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorocyclopentadiene	ND	5.0	0.28	ug/L	NA	NA	NA	NA	NA	NA	
Hexachloroethane	ND	5.0	0.35	ug/L	NA	NA	NA	NA	NA	NA	
Indeno(1,2,3-cd)pyrene	ND	2.0	0.78	ug/L	NA	NA	NA	NA	NA	NA	
Isophorone	ND	5.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Naphthalene	ND	5.0	0.32	ug/L	NA	NA	NA	NA	NA	NA	
Nitrobenzene	ND	5.0	0.27	ug/L	NA	NA	NA	NA	NA	NA	
N-Nitrosodimethylamine	ND	5.0	0.26	ug/L	NA	NA	NA	NA	NA	NA	
N-Nitrosodi-n-propylamine	ND	5.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
N-Nitrosodiphenylamine	ND	5.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
Pentachlorophenol	ND	5.0	0.54	ug/L	NA	NA	NA	NA	NA	NA	
Phenanthrene	ND	2.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Phenol	ND	10	2.1	ug/L	NA	NA	NA	NA	NA	NA	
Pyrene	ND	2.0	0.50	ug/L	NA	NA	NA	NA	NA	NA	
Pyridine	ND	10	2.4	ug/L	NA	NA	NA	NA	NA	NA	
Surrogate: 2,4,6-Tribromophenol	*42.1*			ug/L	*50.0*	*NA*	*84.2*	*65-100*			
Surrogate: 2-Fluorobiphenyl	*15.1*			ug/L	*25.0*	*NA*	*60.4*	*59-101*			
Surrogate: 2-Fluorophenol	*15.3*			ug/L	*50.0*	*NA*	*30.6*	*30-75*			
Surrogate: Nitrobenzene-d5	*13.3*			ug/L	*25.0*	*NA*	*53.2*	*57-101*			*vn*
Surrogate: Phenol-d6	*13.2*			ug/L	*50.0*	*NA*	*26.4*	*30-75*			*vn*
Surrogate: Terphenyl-d14	*23.5*			ug/L	*25.0*	*NA*	*94.0*	*65-100*			

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11001 Hampshire Ave. S.
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Service Engineering Group	Client Ref:05017-0207	Work Order #: 0505992
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5K0377 - EPA 3510C

Laboratory Control Sample (B5K0377-BS1) Prepared: 11/21/05 Analyzed: 11/22/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	31.9	5.0	0.33	ug/L	50.0	NA	63.8	30-120	NA	NA	
1,4-Dichlorobenzene	30.1	5.0	0.29	ug/L	50.0	NA	60.2	40-110	NA	NA	
2,4-Dinitrophenol	38.2	5.0	0.96	ug/L	50.0	NA	76.4	60-120	NA	NA	
2-Chlorophenol	31.1	10	0.63	ug/L	50.0	NA	62.2	40-100	NA	NA	
4-Chloro-3-methylphenol	40.3	5.0	0.23	ug/L	50.0	NA	80.6	50-110	NA	NA	
4-Nitrophenol	27.0	5.0	0.82	ug/L	50.0	NA	54.0	30-80	NA	NA	
Acenaphthene	42.5	2.0	0.26	ug/L	50.0	NA	85.0	50-110	NA	NA	
N-Nitrosodi-n-propylamine	40.0	5.0	0.31	ug/L	50.0	NA	80.0	45-120	NA	NA	
Pentachlorophenol	47.0	5.0	0.54	ug/L	50.0	NA	94.0	45-115	NA	NA	
Phenol	19.6	10	2.1	ug/L	50.0	NA	39.2	30-80	NA	NA	
Pyrene	48.4	2.0	0.50	ug/L	50.0	NA	96.8	55-120	NA	NA	
Surrogate: 2,4,6-Tribromophenol	*51.5*			ug/L	*50.0*	*NA*	*103*	*65-100*			*vm*
Surrogate: 2-Fluorobiphenyl	*19.9*			ug/L	*25.0*	*NA*	*79.6*	*59-101*			
Surrogate: 2-Fluorophenol	*20.9*			ug/L	*50.0*	*NA*	*41.8*	*30-75*			
Surrogate: Nitrobenzene-d5	*15.5*			ug/L	*25.0*	*NA*	*62.0*	*57-101*			
Surrogate: Phenol-d6	*19.4*			ug/L	*50.0*	*NA*	*38.8*	*30-75*			
Surrogate: Terphenyl-d14	*24.0*			ug/L	*25.0*	*NA*	*96.0*	*65-100*			

Laboratory Control Sample Duplicate (B5K0377-BSD1) Prepared: 11/21/05 Analyzed: 11/22/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	31.0	5.0	0.33	ug/L	50.0	NA	62.0	30-120	2.86	20	
1,4-Dichlorobenzene	28.4	5.0	0.29	ug/L	50.0	NA	56.8	40-110	5.81	20	
2,4-Dinitrophenol	38.6	5.0	0.96	ug/L	50.0	NA	77.2	60-120	1.04	20	
2-Chlorophenol	27.0	10	0.63	ug/L	50.0	NA	54.0	40-100	14.1	20	
4-Chloro-3-methylphenol	36.5	5.0	0.23	ug/L	50.0	NA	73.0	50-110	9.90	20	
4-Nitrophenol	23.3	5.0	0.82	ug/L	50.0	NA	46.6	30-80	14.7	20	
Acenaphthene	40.8	2.0	0.26	ug/L	50.0	NA	81.6	50-110	4.08	20	
N-Nitrosodi-n-propylamine	37.2	5.0	0.31	ug/L	50.0	NA	74.4	45-120	7.25	20	
Pentachlorophenol	45.9	5.0	0.54	ug/L	50.0	NA	91.8	45-115	2.37	20	
Phenol	16.8	10	2.1	ug/L	50.0	NA	33.6	30-80	15.4	20	
Pyrene	47.2	2.0	0.50	ug/L	50.0	NA	94.4	55-120	2.51	20	
Surrogate: 2,4,6-Tribromophenol	*51.2*			ug/L	*50.0*	*NA*	*102*	*65-100*			*vm*
Surrogate: 2-Fluorobiphenyl	*20.0*			ug/L	*25.0*	*NA*	*80.0*	*59-101*			
Surrogate: 2-Fluorophenol	*17.2*			ug/L	*50.0*	*NA*	*34.4*	*30-75*			
Surrogate: Nitrobenzene-d5	*15.0*			ug/L	*25.0*	*NA*	*60.0*	*57-101*			
Surrogate: Phenol-d6	*16.6*			ug/L	*50.0*	*NA*	*33.2*	*30-75*			
Surrogate: Terphenyl-d14	*23.5*			ug/L	*25.0*	*NA*	*94.0*	*65-100*			

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Service Engineering Group	Client Ref:05017-0207	Work Order #: 0505992
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5K0420 - EPA 5035

Method Blank (B5K0420-BLK1) Prepared & Analyzed: 11/21/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	ND	0.050	0.0071	mg/kg	NA	NA	NA	NA	NA	NA	
1,1,1-Trichloroethane	ND	0.050	0.0030	mg/kg	NA	NA	NA	NA	NA	NA	
1,1,2,2-Tetrachloroethane	ND	0.050	0.012	mg/kg	NA	NA	NA	NA	NA	NA	
1,1,2-Trichloroethane	ND	0.050	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
1,1,2-Trichlorotrifluoroethane	ND	0.050	0.0058	mg/kg	NA	NA	NA	NA	NA	NA	
1,1-Dichloroethane	ND	0.050	0.0027	mg/kg	NA	NA	NA	NA	NA	NA	
1,1-Dichloroethene	ND	0.050	0.0043	mg/kg	NA	NA	NA	NA	NA	NA	
1,1-Dichloropropene	ND	0.050	0.0037	mg/kg	NA	NA	NA	NA	NA	NA	
1,2,3-Trichlorobenzene	ND	0.050	0.0055	mg/kg	NA	NA	NA	NA	NA	NA	
1,2,3-Trichloropropane	ND	0.050	0.015	mg/kg	NA	NA	NA	NA	NA	NA	
1,2,4-Trichlorobenzene	ND	0.050	0.0072	mg/kg	NA	NA	NA	NA	NA	NA	
1,2,4-Trimethylbenzene	ND	0.050	0.0035	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Dibromo-3-chloropropane	ND	0.050	0.020	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Dibromoethane	ND	0.050	0.0032	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	ND	0.050	0.0059	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Dichloroethane	ND	0.050	0.0027	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Dichloropropane	ND	0.050	0.0025	mg/kg	NA	NA	NA	NA	NA	NA	
1,3,5-Trimethylbenzene	ND	0.050	0.0049	mg/kg	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	ND	0.050	0.0042	mg/kg	NA	NA	NA	NA	NA	NA	
1,3-Dichloropropane	ND	0.050	0.0063	mg/kg	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	ND	0.050	0.0060	mg/kg	NA	NA	NA	NA	NA	NA	
2,2-Dichloropropane	ND	0.050	0.0052	mg/kg	NA	NA	NA	NA	NA	NA	
2-Butanone (MEK)	ND	0.50	0.066	mg/kg	NA	NA	NA	NA	NA	NA	
2-Chlorotoluene	ND	0.050	0.0097	mg/kg	NA	NA	NA	NA	NA	NA	
4-Chlorotoluene	ND	0.050	0.0066	mg/kg	NA	NA	NA	NA	NA	NA	
4-Isopropyltoluene	ND	0.050	0.0029	mg/kg	NA	NA	NA	NA	NA	NA	
Acetone	ND	1.0	0.077	mg/kg	NA	NA	NA	NA	NA	NA	
Allyl Chloride	ND	0.050	0.013	mg/kg	NA	NA	NA	NA	NA	NA	
Benzene	ND	0.050	0.0022	mg/kg	NA	NA	NA	NA	NA	NA	
Bromobenzene	ND	0.050	0.0074	mg/kg	NA	NA	NA	NA	NA	NA	
Bromochloromethane	ND	0.050	0.011	mg/kg	NA	NA	NA	NA	NA	NA	
Bromodichloromethane	ND	0.050	0.0053	mg/kg	NA	NA	NA	NA	NA	NA	
Bromoform	ND	0.25	0.0064	mg/kg	NA	NA	NA	NA	NA	NA	
Bromomethane	ND	0.050	0.0068	mg/kg	NA	NA	NA	NA	NA	NA	
Carbon Tetrachloride	ND	0.050	0.0028	mg/kg	NA	NA	NA	NA	NA	NA	
Chlorobenzene	ND	0.050	0.0021	mg/kg	NA	NA	NA	NA	NA	NA	
Chlorodibromomethane	ND	0.050	0.0015	mg/kg	NA	NA	NA	NA	NA	NA	
Chloroethane	ND	0.050	0.0056	mg/kg	NA	NA	NA	NA	NA	NA	
Chloroform	ND	0.050	0.0058	mg/kg	NA	NA	NA	NA	NA	NA	

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Service Engineering Group	Client Ref:05017-0207	Work Order #: 0505992
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5K0420 - EPA 5035

Method Blank (B5K0420-BLK1) Prepared & Analyzed: 11/21/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	ND	0.050	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
cis-1,2-Dichloroethene	ND	0.050	0.0052	mg/kg	NA	NA	NA	NA	NA	NA	
cis-1,3-Dichloropropene	ND	0.050	0.0020	mg/kg	NA	NA	NA	NA	NA	NA	
Dibromomethane	ND	0.050	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Dichlorodifluoromethane	ND	0.050	0.0063	mg/kg	NA	NA	NA	NA	NA	NA	
Dichlorofluoromethane	ND	0.050	0.0052	mg/kg	NA	NA	NA	NA	NA	NA	
Ethyl Ether	ND	0.050	0.015	mg/kg	NA	NA	NA	NA	NA	NA	
Ethylbenzene	ND	0.050	0.0053	mg/kg	NA	NA	NA	NA	NA	NA	
Hexachlorobutadiene	ND	0.10	0.012	mg/kg	NA	NA	NA	NA	NA	NA	
Isopropylbenzene	ND	0.050	0.0032	mg/kg	NA	NA	NA	NA	NA	NA	
m,p-Xylenes	ND	0.050	0.0063	mg/kg	NA	NA	NA	NA	NA	NA	
Methyl Isobutyl Ketone	ND	0.25	0.021	mg/kg	NA	NA	NA	NA	NA	NA	
Methylene chloride	ND	0.25	0.032	mg/kg	NA	NA	NA	NA	NA	NA	
Methyl-t-butyl ether	ND	0.050	0.0060	mg/kg	NA	NA	NA	NA	NA	NA	
Naphthalene	ND	0.050	0.0050	mg/kg	NA	NA	NA	NA	NA	NA	
n-Butylbenzene	ND	0.050	0.0061	mg/kg	NA	NA	NA	NA	NA	NA	
n-Propylbenzene	ND	0.050	0.0052	mg/kg	NA	NA	NA	NA	NA	NA	
o-Xylene	ND	0.050	0.0070	mg/kg	NA	NA	NA	NA	NA	NA	
sec-Butylbenzene	ND	0.050	0.0021	mg/kg	NA	NA	NA	NA	NA	NA	
Styrene	ND	0.050	0.0023	mg/kg	NA	NA	NA	NA	NA	NA	
tert-Butylbenzene	ND	0.050	0.0051	mg/kg	NA	NA	NA	NA	NA	NA	
Tetrachloroethene	ND	0.10	0.0095	mg/kg	NA	NA	NA	NA	NA	NA	
Tetrahydrofuran	ND	0.25	0.058	mg/kg	NA	NA	NA	NA	NA	NA	
Toluene	ND	0.050	0.0086	mg/kg	NA	NA	NA	NA	NA	NA	
trans-1,2-Dichloroethene	ND	0.050	0.0068	mg/kg	NA	NA	NA	NA	NA	NA	
trans-1,3-Dichloropropene	ND	0.050	0.0059	mg/kg	NA	NA	NA	NA	NA	NA	
Trichloroethene	ND	0.050	0.0037	mg/kg	NA	NA	NA	NA	NA	NA	
Trichlorofluoromethane	ND	0.050	0.0095	mg/kg	NA	NA	NA	NA	NA	NA	
Vinyl chloride	ND	0.050	0.012	mg/kg	NA	NA	NA	NA	NA	NA	
Surrogate: 1,2-Dichloroethane-d4	*26.1*			ug/L	*25.0*	*NA*	*104*	*81-127*			
Surrogate: 4-Bromofluorobenzene	*23.0*			ug/L	*25.0*	*NA*	*92.0*	*74-117*			
Surrogate: Dibromofluoromethane	*24.1*			ug/L	*25.0*	*NA*	*96.4*	*79-127*			
Surrogate: Toluene-d8	*25.5*			ug/L	*25.0*	*NA*	*102*	*82-115*			

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Service Engineering Group	Client Ref:05017-0207	Work Order #: 0505992
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5K0420 - EPA 5035

Laboratory Control Sample (B5K0420-BS1) Prepared & Analyzed: 11/21/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	1.24	0.050	0.0071	mg/kg	1.25	NA	99.2	80-120	NA	NA	
1,1,1-Trichloroethane	1.26	0.050	0.0030	mg/kg	1.25	NA	101	80-120	NA	NA	
1,1,2,2-Tetrachloroethane	1.30	0.050	0.012	mg/kg	1.25	NA	104	80-120	NA	NA	
1,1,2-Trichloroethane	1.32	0.050	0.010	mg/kg	1.25	NA	106	80-120	NA	NA	
1,1,2-Trichlorotrifluoroethane	1.29	0.050	0.0058	mg/kg	1.25	NA	103	80-120	NA	NA	
1,1-Dichloroethane	1.26	0.050	0.0027	mg/kg	1.25	NA	101	80-120	NA	NA	
1,1-Dichloroethene	1.31	0.050	0.0043	mg/kg	1.25	NA	105	80-120	NA	NA	
1,1-Dichloropropene	1.23	0.050	0.0037	mg/kg	1.25	NA	98.4	80-120	NA	NA	
1,2,3-Trichlorobenzene	1.35	0.050	0.0055	mg/kg	1.25	NA	108	80-120	NA	NA	
1,2,3-Trichloropropane	1.33	0.050	0.015	mg/kg	1.25	NA	106	80-120	NA	NA	
1,2,4-Trichlorobenzene	1.33	0.050	0.0072	mg/kg	1.25	NA	106	80-120	NA	NA	
1,2,4-Trimethylbenzene	1.26	0.050	0.0035	mg/kg	1.25	NA	101	80-120	NA	NA	
1,2-Dibromo-3-chloropropane	1.26	0.050	0.020	mg/kg	1.25	NA	101	80-120	NA	NA	
1,2-Dibromoethane	1.23	0.050	0.0032	mg/kg	1.25	NA	98.4	80-120	NA	NA	
1,2-Dichlorobenzene	1.22	0.050	0.0059	mg/kg	1.25	NA	97.6	80-120	NA	NA	
1,2-Dichloroethane	1.24	0.050	0.0027	mg/kg	1.25	NA	99.2	80-120	NA	NA	
1,2-Dichloropropane	1.31	0.050	0.0025	mg/kg	1.25	NA	105	80-120	NA	NA	
1,3,5-Trimethylbenzene	1.27	0.050	0.0049	mg/kg	1.25	NA	102	80-120	NA	NA	
1,3-Dichlorobenzene	1.32	0.050	0.0042	mg/kg	1.25	NA	106	80-120	NA	NA	
1,3-Dichloropropane	1.31	0.050	0.0063	mg/kg	1.25	NA	105	80-120	NA	NA	
1,4-Dichlorobenzene	1.28	0.050	0.0060	mg/kg	1.25	NA	102	80-120	NA	NA	
2,2-Dichloropropane	1.31	0.050	0.0052	mg/kg	1.25	NA	105	80-120	NA	NA	
2-Butanone (MEK)	1.19	0.50	0.066	mg/kg	1.25	NA	95.2	80-120	NA	NA	
2-Chlorotoluene	1.25	0.050	0.0097	mg/kg	1.25	NA	100	80-120	NA	NA	
4-Chlorotoluene	1.24	0.050	0.0066	mg/kg	1.25	NA	99.2	80-120	NA	NA	
4-Isopropyltoluene	1.25	0.050	0.0029	mg/kg	1.25	NA	100	80-120	NA	NA	
Acetone	1.16	1.0	0.077	mg/kg	1.25	NA	92.8	80-120	NA	NA	
Allyl Chloride	1.25	0.050	0.013	mg/kg	1.25	NA	100	80-120	NA	NA	
Benzene	1.31	0.050	0.0022	mg/kg	1.25	NA	105	80-120	NA	NA	
Bromobenzene	1.30	0.050	0.0074	mg/kg	1.25	NA	104	80-120	NA	NA	
Bromochloromethane	1.27	0.050	0.011	mg/kg	1.25	NA	102	80-120	NA	NA	
Bromodichloromethane	1.32	0.050	0.0053	mg/kg	1.25	NA	106	80-120	NA	NA	
Bromoform	1.19	0.25	0.0064	mg/kg	1.25	NA	95.2	80-120	NA	NA	
Bromomethane	1.27	0.050	0.0068	mg/kg	1.25	NA	102	80-120	NA	NA	
Carbon Tetrachloride	1.30	0.050	0.0028	mg/kg	1.25	NA	104	80-120	NA	NA	
Chlorobenzene	1.31	0.050	0.0021	mg/kg	1.25	NA	105	80-120	NA	NA	
Chlorodibromomethane	1.22	0.050	0.0015	mg/kg	1.25	NA	97.6	80-120	NA	NA	
Chloroethane	1.17	0.050	0.0056	mg/kg	1.25	NA	93.6	80-120	NA	NA	
Chloroform	1.25	0.050	0.0058	mg/kg	1.25	NA	100	80-120	NA	NA	

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Service Engineering Group	Client Ref:05017-0207	Work Order #: 0505992
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5K0420 - EPA 5035

Laboratory Control Sample (B5K0420-BS1) Prepared & Analyzed: 11/21/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	1.11	0.050	0.010	mg/kg	1.25	NA	88.8	80-120	NA	NA	
cis-1,2-Dichloroethene	1.33	0.050	0.0052	mg/kg	1.25	NA	106	80-120	NA	NA	
cis-1,3-Dichloropropene	1.24	0.050	0.0020	mg/kg	1.25	NA	99.2	80-120	NA	NA	
Dibromomethane	1.27	0.050	0.010	mg/kg	1.25	NA	102	80-120	NA	NA	
Dichlorodifluoromethane	1.19	0.050	0.0063	mg/kg	1.25	NA	95.2	80-120	NA	NA	
Dichlorofluoromethane	1.14	0.050	0.0052	mg/kg	1.25	NA	91.2	80-120	NA	NA	
Ethyl Ether	1.20	0.050	0.015	mg/kg	1.25	NA	96.0	80-120	NA	NA	
Ethylbenzene	1.29	0.050	0.0053	mg/kg	1.25	NA	103	80-120	NA	NA	
Hexachlorobutadiene	1.36	0.10	0.012	mg/kg	1.25	NA	109	80-120	NA	NA	
Isopropylbenzene	1.27	0.050	0.0032	mg/kg	1.25	NA	102	80-120	NA	NA	
m,p-Xylenes	2.48	0.050	0.0063	mg/kg	2.50	NA	99.2	80-120	NA	NA	
Methyl Isobutyl Ketone	1.15	0.25	0.021	mg/kg	1.25	NA	92.0	80-120	NA	NA	
Methylene chloride	1.17	0.25	0.032	mg/kg	1.25	NA	93.6	80-120	NA	NA	
Methyl-t-butyl ether	1.23	0.050	0.0060	mg/kg	1.25	NA	98.4	80-120	NA	NA	
Naphthalene	1.33	0.050	0.0050	mg/kg	1.25	NA	106	80-120	NA	NA	
n-Butylbenzene	1.29	0.050	0.0061	mg/kg	1.25	NA	103	80-120	NA	NA	
n-Propylbenzene	1.23	0.050	0.0052	mg/kg	1.25	NA	98.4	80-120	NA	NA	
o-Xylene	1.24	0.050	0.0070	mg/kg	1.25	NA	99.2	80-120	NA	NA	
sec-Butylbenzene	1.28	0.050	0.0021	mg/kg	1.25	NA	102	80-120	NA	NA	
Styrene	1.24	0.050	0.0023	mg/kg	1.25	NA	99.2	80-120	NA	NA	
tert-Butylbenzene	1.25	0.050	0.0051	mg/kg	1.25	NA	100	80-120	NA	NA	
Tetrachloroethene	1.23	0.10	0.0095	mg/kg	1.25	NA	98.4	80-120	NA	NA	
Tetrahydrofuran	1.15	0.25	0.058	mg/kg	1.25	NA	92.0	80-120	NA	NA	
Toluene	1.33	0.050	0.0086	mg/kg	1.25	NA	106	80-120	NA	NA	
trans-1,2-Dichloroethene	1.34	0.050	0.0068	mg/kg	1.25	NA	107	80-120	NA	NA	
trans-1,3-Dichloropropene	1.24	0.050	0.0059	mg/kg	1.25	NA	99.2	80-120	NA	NA	
Trichloroethene	1.22	0.050	0.0037	mg/kg	1.25	NA	97.6	80-120	NA	NA	
Trichlorofluoromethane	1.24	0.050	0.0095	mg/kg	1.25	NA	99.2	80-120	NA	NA	
Vinyl chloride	1.12	0.050	0.012	mg/kg	1.25	NA	89.6	80-120	NA	NA	
Surrogate: 1,2-Dichloroethane-d4	*24.1*			ug/L	*25.0*	*NA*	*96.4*	*81-127*			
Surrogate: 4-Bromofluorobenzene	*26.1*			ug/L	*25.0*	*NA*	*104*	*74-117*			
Surrogate: Dibromofluoromethane	*25.0*			ug/L	*25.0*	*NA*	*100*	*79-127*			
Surrogate: Toluene-d8	*25.4*			ug/L	*25.0*	*NA*	*102*	*82-115*			

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Service Engineering Group	Client Ref:05017-0207	Work Order #: 0505992
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5K0420 - EPA 5035

Laboratory Control Sample Duplicate (B5K0420-BSD1) Prepared & Analyzed: 11/21/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	1.22	0.050	0.0071	mg/kg	1.25	NA	97.6	80-120	1.63	20	
1,1,1-Trichloroethane	1.24	0.050	0.0030	mg/kg	1.25	NA	99.2	80-120	1.60	20	
1,1,2,2-Tetrachloroethane	1.27	0.050	0.012	mg/kg	1.25	NA	102	80-120	2.33	20	
1,1,2-Trichloroethane	1.30	0.050	0.010	mg/kg	1.25	NA	104	80-120	1.53	20	
1,1,2-Trichlorotrifluoroethane	1.24	0.050	0.0058	mg/kg	1.25	NA	99.2	80-120	3.95	20	
1,1-Dichloroethane	1.23	0.050	0.0027	mg/kg	1.25	NA	98.4	80-120	2.41	20	
1,1-Dichloroethene	1.32	0.050	0.0043	mg/kg	1.25	NA	106	80-120	0.760	20	
1,1-Dichloropropene	1.20	0.050	0.0037	mg/kg	1.25	NA	96.0	80-120	2.47	20	
1,2,3-Trichlorobenzene	1.40	0.050	0.0055	mg/kg	1.25	NA	112	80-120	3.64	20	
1,2,3-Trichloropropane	1.33	0.050	0.015	mg/kg	1.25	NA	106	80-120	0.00	20	
1,2,4-Trichlorobenzene	1.34	0.050	0.0072	mg/kg	1.25	NA	107	80-120	0.749	20	
1,2,4-Trimethylbenzene	1.26	0.050	0.0035	mg/kg	1.25	NA	101	80-120	0.00	20	
1,2-Dibromo-3-chloropropane	1.26	0.050	0.020	mg/kg	1.25	NA	101	80-120	0.00	20	
1,2-Dibromoethane	1.22	0.050	0.0032	mg/kg	1.25	NA	97.6	80-120	0.816	20	
1,2-Dichlorobenzene	1.22	0.050	0.0059	mg/kg	1.25	NA	97.6	80-120	0.00	20	
1,2-Dichloroethane	1.24	0.050	0.0027	mg/kg	1.25	NA	99.2	80-120	0.00	20	
1,2-Dichloropropane	1.26	0.050	0.0025	mg/kg	1.25	NA	101	80-120	3.89	20	
1,3,5-Trimethylbenzene	1.26	0.050	0.0049	mg/kg	1.25	NA	101	80-120	0.791	20	
1,3-Dichlorobenzene	1.29	0.050	0.0042	mg/kg	1.25	NA	103	80-120	2.30	20	
1,3-Dichloropropane	1.31	0.050	0.0063	mg/kg	1.25	NA	105	80-120	0.00	20	
1,4-Dichlorobenzene	1.27	0.050	0.0060	mg/kg	1.25	NA	102	80-120	0.784	20	
2,2-Dichloropropane	1.28	0.050	0.0052	mg/kg	1.25	NA	102	80-120	2.32	20	
2-Butanone (MEK)	1.28	0.50	0.066	mg/kg	1.25	NA	102	80-120	7.29	20	
2-Chlorotoluene	1.21	0.050	0.0097	mg/kg	1.25	NA	96.8	80-120	3.25	20	
4-Chlorotoluene	1.21	0.050	0.0066	mg/kg	1.25	NA	96.8	80-120	2.45	20	
4-Isopropyltoluene	1.24	0.050	0.0029	mg/kg	1.25	NA	99.2	80-120	0.803	20	
Acetone	1.13	1.0	0.077	mg/kg	1.25	NA	90.4	80-120	2.62	20	
Allyl Chloride	1.23	0.050	0.013	mg/kg	1.25	NA	98.4	80-120	1.61	20	
Benzene	1.28	0.050	0.0022	mg/kg	1.25	NA	102	80-120	2.32	20	
Bromobenzene	1.29	0.050	0.0074	mg/kg	1.25	NA	103	80-120	0.772	20	
Bromochloromethane	1.29	0.050	0.011	mg/kg	1.25	NA	103	80-120	1.56	20	
Bromodichloromethane	1.27	0.050	0.0053	mg/kg	1.25	NA	102	80-120	3.86	20	
Bromoform	1.17	0.25	0.0064	mg/kg	1.25	NA	93.6	80-120	1.69	20	
Bromomethane	1.24	0.050	0.0068	mg/kg	1.25	NA	99.2	80-120	2.39	20	
Carbon Tetrachloride	1.26	0.050	0.0028	mg/kg	1.25	NA	101	80-120	3.12	20	
Chlorobenzene	1.29	0.050	0.0021	mg/kg	1.25	NA	103	80-120	1.54	20	
Chlorodibromomethane	1.22	0.050	0.0015	mg/kg	1.25	NA	97.6	80-120	0.00	20	
Chloroethane	1.14	0.050	0.0056	mg/kg	1.25	NA	91.2	80-120	2.60	20	
Chloroform	1.23	0.050	0.0058	mg/kg	1.25	NA	98.4	80-120	1.61	20	

The results in this report apply only to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Service Engineering Group	Client Ref:05017-0207	Work Order #: 0505992
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5K0420 - EPA 5035

Laboratory Control Sample Duplicate (B5K0420-BSD1) Prepared & Analyzed: 11/21/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	1.07	0.050	0.010	mg/kg	1.25	NA	85.6	80-120	3.67	20	
cis-1,2-Dichloroethene	1.31	0.050	0.0052	mg/kg	1.25	NA	105	80-120	1.52	20	
cis-1,3-Dichloropropene	1.22	0.050	0.0020	mg/kg	1.25	NA	97.6	80-120	1.63	20	
Dibromomethane	1.24	0.050	0.010	mg/kg	1.25	NA	99.2	80-120	2.39	20	
Dichlorodifluoromethane	1.16	0.050	0.0063	mg/kg	1.25	NA	92.8	80-120	2.55	20	
Dichlorofluoromethane	1.13	0.050	0.0052	mg/kg	1.25	NA	90.4	80-120	0.881	20	
Ethyl Ether	1.19	0.050	0.015	mg/kg	1.25	NA	95.2	80-120	0.837	20	
Ethylbenzene	1.25	0.050	0.0053	mg/kg	1.25	NA	100	80-120	3.15	20	
Hexachlorobutadiene	1.36	0.10	0.012	mg/kg	1.25	NA	109	80-120	0.00	20	
Isopropylbenzene	1.23	0.050	0.0032	mg/kg	1.25	NA	98.4	80-120	3.20	20	
m,p-Xylenes	2.39	0.050	0.0063	mg/kg	2.50	NA	95.6	80-120	3.70	20	
Methyl Isobutyl Ketone	1.14	0.25	0.021	mg/kg	1.25	NA	91.2	80-120	0.873	20	
Methylene chloride	1.18	0.25	0.032	mg/kg	1.25	NA	94.4	80-120	0.851	20	
Methyl-t-butyl ether	1.21	0.050	0.0060	mg/kg	1.25	NA	96.8	80-120	1.64	20	
Naphthalene	1.36	0.050	0.0050	mg/kg	1.25	NA	109	80-120	2.23	20	
n-Butylbenzene	1.28	0.050	0.0061	mg/kg	1.25	NA	102	80-120	0.778	20	
n-Propylbenzene	1.22	0.050	0.0052	mg/kg	1.25	NA	97.6	80-120	0.816	20	
o-Xylene	1.20	0.050	0.0070	mg/kg	1.25	NA	96.0	80-120	3.28	20	
sec-Butylbenzene	1.26	0.050	0.0021	mg/kg	1.25	NA	101	80-120	1.57	20	
Styrene	1.20	0.050	0.0023	mg/kg	1.25	NA	96.0	80-120	3.28	20	
tert-Butylbenzene	1.25	0.050	0.0051	mg/kg	1.25	NA	100	80-120	0.00	20	
Tetrachloroethene	1.22	0.10	0.0095	mg/kg	1.25	NA	97.6	80-120	0.816	20	
Tetrahydrofuran	1.17	0.25	0.058	mg/kg	1.25	NA	93.6	80-120	1.72	20	
Toluene	1.31	0.050	0.0086	mg/kg	1.25	NA	105	80-120	1.52	20	
trans-1,2-Dichloroethene	1.34	0.050	0.0068	mg/kg	1.25	NA	107	80-120	0.00	20	
trans-1,3-Dichloropropene	1.22	0.050	0.0059	mg/kg	1.25	NA	97.6	80-120	1.63	20	
Trichloroethene	1.18	0.050	0.0037	mg/kg	1.25	NA	94.4	80-120	3.33	20	
Trichlorofluoromethane	1.19	0.050	0.0095	mg/kg	1.25	NA	95.2	80-120	4.12	20	
Vinyl chloride	1.14	0.050	0.012	mg/kg	1.25	NA	91.2	80-120	1.77	20	
Surrogate: 1,2-Dichloroethane-d4	*23.9*			ug/L	*25.0*	*NA*	*95.6*	*81-127*			
Surrogate: 4-Bromofluorobenzene	*26.0*			ug/L	*25.0*	*NA*	*104*	*74-117*			
Surrogate: Dibromofluoromethane	*25.1*			ug/L	*25.0*	*NA*	*100*	*79-127*			
Surrogate: Toluene-d8	*25.1*			ug/L	*25.0*	*NA*	*100*	*82-115*			

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Service Engineering Group	Client Ref:05017-0207	Work Order #: 0505992
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5K0445 - EPA 5030B

Method Blank (B5K0445-BLK1) Prepared & Analyzed: 11/18/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
1,1,1-Trichloroethane	ND	1.0	0.050	ug/L	NA	NA	NA	NA	NA	NA	
1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/L	NA	NA	NA	NA	NA	NA	
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
1,1,2-Trichlorotrifluoroethane	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
1,1-Dichloroethane	ND	1.0	0.053	ug/L	NA	NA	NA	NA	NA	NA	
1,1-Dichloroethene	ND	1.0	0.085	ug/L	NA	NA	NA	NA	NA	NA	
1,1-Dichloropropene	ND	1.0	0.073	ug/L	NA	NA	NA	NA	NA	NA	
1,2,3-Trichlorobenzene	1.01	1.0	0.11	ug/L	NA	NA	NA	NA	NA	NA	
1,2,3-Trichloropropane	ND	1.0	0.30	ug/L	NA	NA	NA	NA	NA	NA	
1,2,4-Trichlorobenzene	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
1,2,4-Trimethylbenzene	ND	1.0	0.071	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dibromo-3-chloropropane	ND	1.0	0.41	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dibromoethane	ND	1.0	0.064	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichloroethane	ND	1.0	0.053	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichloropropane	ND	1.0	0.050	ug/L	NA	NA	NA	NA	NA	NA	
1,3,5-Trimethylbenzene	ND	1.0	0.097	ug/L	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	ND	1.0	0.083	ug/L	NA	NA	NA	NA	NA	NA	
1,3-Dichloropropane	ND	1.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
2,2-Dichloropropane	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
2-Butanone (MEK)	ND	10	1.3	ug/L	NA	NA	NA	NA	NA	NA	
2-Chlorotoluene	ND	1.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
4-Chlorotoluene	ND	1.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
4-Isopropyltoluene	ND	1.0	0.058	ug/L	NA	NA	NA	NA	NA	NA	
Acetone	ND	20	1.5	ug/L	NA	NA	NA	NA	NA	NA	
Allyl Chloride	ND	1.0	0.26	ug/L	NA	NA	NA	NA	NA	NA	
Benzene	ND	1.0	0.045	ug/L	NA	NA	NA	NA	NA	NA	
Bromobenzene	ND	1.0	0.15	ug/L	NA	NA	NA	NA	NA	NA	
Bromochloromethane	ND	1.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Bromodichloromethane	ND	1.0	0.11	ug/L	NA	NA	NA	NA	NA	NA	
Bromoform	ND	5.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
Bromomethane	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
Carbon Tetrachloride	ND	1.0	0.057	ug/L	NA	NA	NA	NA	NA	NA	
Chlorobenzene	ND	1.0	0.042	ug/L	NA	NA	NA	NA	NA	NA	
Chlorodibromomethane	ND	1.0	0.028	ug/L	NA	NA	NA	NA	NA	NA	
Chloroethane	ND	1.0	0.11	ug/L	NA	NA	NA	NA	NA	NA	
Chloroform	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	

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Service Engineering Group	Client Ref:05017-0207	Work Order #: 0505992
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5K0445 - EPA 5030B

Method Blank (B5K0445-BLK1) Prepared & Analyzed: 11/18/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	ND	1.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
cis-1,2-Dichloroethene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
cis-1,3-Dichloropropene	ND	1.0	0.041	ug/L	NA	NA	NA	NA	NA	NA	
Dibromomethane	ND	1.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
Dichlorodifluoromethane	ND	1.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
Dichlorofluoromethane	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
Ethyl Ether	ND	1.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
Ethylbenzene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorobutadiene	ND	2.0	0.24	ug/L	NA	NA	NA	NA	NA	NA	
Isopropylbenzene	ND	1.0	0.064	ug/L	NA	NA	NA	NA	NA	NA	
m,p-Xylenes	ND	1.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
Methyl Isobutyl Ketone	ND	5.0	0.42	ug/L	NA	NA	NA	NA	NA	NA	
Methylene chloride	ND	5.0	0.63	ug/L	NA	NA	NA	NA	NA	NA	
Methyl-t-butyl ether	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
Naphthalene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
n-Butylbenzene	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
n-Propylbenzene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
o-Xylene	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
sec-Butylbenzene	ND	1.0	0.042	ug/L	NA	NA	NA	NA	NA	NA	
Styrene	ND	1.0	0.047	ug/L	NA	NA	NA	NA	NA	NA	
tert-Butylbenzene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
Tetrachloroethene	ND	2.0	0.19	ug/L	NA	NA	NA	NA	NA	NA	
Tetrahydrofuran	ND	5.0	1.2	ug/L	NA	NA	NA	NA	NA	NA	
Toluene	ND	1.0	0.17	ug/L	NA	NA	NA	NA	NA	NA	
trans-1,2-Dichloroethene	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
trans-1,3-Dichloropropene	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
Trichloroethene	ND	1.0	0.073	ug/L	NA	NA	NA	NA	NA	NA	
Trichlorofluoromethane	ND	1.0	0.19	ug/L	NA	NA	NA	NA	NA	NA	
Vinyl chloride	ND	1.0	0.25	ug/L	NA	NA	NA	NA	NA	NA	
Surrogate: 1,2-Dichloroethane-d4	*26.0*			ug/L	*25.0*	*NA*	*104*	*82-128*			
Surrogate: 4-Bromofluorobenzene	*22.2*			ug/L	*25.0*	*NA*	*88.8*	*76-119*			
Surrogate: Dibromofluoromethane	*24.5*			ug/L	*25.0*	*NA*	*98.0*	*79-127*			
Surrogate: Toluene-d8	*25.5*			ug/L	*25.0*	*NA*	*102*	*82-116*			

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Service Engineering Group	Client Ref:05017-0207	Work Order #: 0505992
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5K0445 - EPA 5030B

Laboratory Control Sample (B5K0445-BS1) Prepared & Analyzed: 11/18/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	25.9	1.0	0.14	ug/L	25.0	NA	104	80-120	NA	NA	
1,1,1-Trichloroethane	25.5	1.0	0.050	ug/L	25.0	NA	102	80-120	NA	NA	
1,1,2,2-Tetrachloroethane	25.3	1.0	0.23	ug/L	25.0	NA	101	80-120	NA	NA	
1,1,2-Trichloroethane	26.0	1.0	0.20	ug/L	25.0	NA	104	80-120	NA	NA	
1,1,2-Trichlorotrifluoroethane	25.6	1.0	0.12	ug/L	25.0	NA	102	80-120	NA	NA	
1,1-Dichloroethane	25.2	1.0	0.053	ug/L	25.0	NA	101	80-120	NA	NA	
1,1-Dichloroethene	25.8	1.0	0.085	ug/L	25.0	NA	103	80-120	NA	NA	
1,1-Dichloropropene	23.7	1.0	0.073	ug/L	25.0	NA	94.8	80-120	NA	NA	
1,2,3-Trichlorobenzene	28.0	1.0	0.11	ug/L	25.0	NA	112	80-120	NA	NA	
1,2,3-Trichloropropane	25.9	1.0	0.30	ug/L	25.0	NA	104	80-120	NA	NA	
1,2,4-Trichlorobenzene	28.0	1.0	0.14	ug/L	25.0	NA	112	80-120	NA	NA	
1,2,4-Trimethylbenzene	26.1	1.0	0.071	ug/L	25.0	NA	104	80-120	NA	NA	
1,2-Dibromo-3-chloropropane	26.3	1.0	0.41	ug/L	25.0	NA	105	80-120	NA	NA	
1,2-Dibromoethane	24.0	1.0	0.064	ug/L	25.0	NA	96.0	80-120	NA	NA	
1,2-Dichlorobenzene	26.6	1.0	0.12	ug/L	25.0	NA	106	80-120	NA	NA	
1,2-Dichloroethane	25.3	1.0	0.053	ug/L	25.0	NA	101	80-120	NA	NA	
1,2-Dichloropropane	26.1	1.0	0.050	ug/L	25.0	NA	104	80-120	NA	NA	
1,3,5-Trimethylbenzene	26.4	1.0	0.097	ug/L	25.0	NA	106	80-120	NA	NA	
1,3-Dichlorobenzene	26.4	1.0	0.083	ug/L	25.0	NA	106	80-120	NA	NA	
1,3-Dichloropropane	26.2	1.0	0.13	ug/L	25.0	NA	105	80-120	NA	NA	
1,4-Dichlorobenzene	25.4	1.0	0.12	ug/L	25.0	NA	102	80-120	NA	NA	
2,2-Dichloropropane	26.2	1.0	0.10	ug/L	25.0	NA	105	80-120	NA	NA	
2-Butanone (MEK)	26.0	10	1.3	ug/L	25.0	NA	104	80-120	NA	NA	
2-Chlorotoluene	24.4	1.0	0.20	ug/L	25.0	NA	97.6	80-120	NA	NA	
4-Chlorotoluene	24.3	1.0	0.13	ug/L	25.0	NA	97.2	80-120	NA	NA	
4-Isopropyltoluene	26.4	1.0	0.058	ug/L	25.0	NA	106	80-120	NA	NA	
Acetone	34.2	20	1.5	ug/L	25.0	NA	137	80-120	NA	NA	
Allyl Chloride	24.6	1.0	0.26	ug/L	25.0	NA	98.4	80-120	NA	NA	
Benzene	25.8	1.0	0.045	ug/L	25.0	NA	103	80-120	NA	NA	
Bromobenzene	26.5	1.0	0.15	ug/L	25.0	NA	106	80-120	NA	NA	
Bromochloromethane	26.1	1.0	0.21	ug/L	25.0	NA	104	80-120	NA	NA	
Bromodichloromethane	26.2	1.0	0.11	ug/L	25.0	NA	105	80-120	NA	NA	
Bromoform	23.0	5.0	0.13	ug/L	25.0	NA	92.0	80-120	NA	NA	
Bromomethane	23.9	1.0	0.14	ug/L	25.0	NA	95.6	80-120	NA	NA	
Carbon Tetrachloride	26.2	1.0	0.057	ug/L	25.0	NA	105	80-120	NA	NA	
Chlorobenzene	25.8	1.0	0.042	ug/L	25.0	NA	103	80-120	NA	NA	
Chlorodibromomethane	24.6	1.0	0.028	ug/L	25.0	NA	98.4	80-120	NA	NA	
Chloroethane	23.3	1.0	0.11	ug/L	25.0	NA	93.2	80-120	NA	NA	
Chloroform	25.2	1.0	0.12	ug/L	25.0	NA	101	80-120	NA	NA	

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BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:05017-0207	Work Order #: 0505992
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5K0445 - EPA 5030B

Laboratory Control Sample (B5K0445-BS1) Prepared & Analyzed: 11/18/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	21.5	1.0	0.20	ug/L	25.0	NA	86.0	80-120	NA	NA	
cis-1,2-Dichloroethene	25.8	1.0	0.10	ug/L	25.0	NA	103	80-120	NA	NA	
cis-1,3-Dichloropropene	24.9	1.0	0.041	ug/L	25.0	NA	99.6	80-120	NA	NA	
Dibromomethane	26.0	1.0	0.20	ug/L	25.0	NA	104	80-120	NA	NA	
Dichlorodifluoromethane	19.5	1.0	0.13	ug/L	25.0	NA	78.0	80-120	NA	NA	
Dichlorofluoromethane	23.4	1.0	0.10	ug/L	25.0	NA	93.6	80-120	NA	NA	
Ethyl Ether	24.9	1.0	0.31	ug/L	25.0	NA	99.6	80-120	NA	NA	
Ethylbenzene	25.2	1.0	0.10	ug/L	25.0	NA	101	80-120	NA	NA	
Hexachlorobutadiene	27.0	2.0	0.24	ug/L	25.0	NA	108	80-120	NA	NA	
Isopropylbenzene	24.8	1.0	0.064	ug/L	25.0	NA	99.2	80-120	NA	NA	
m,p-Xylenes	48.0	1.0	0.13	ug/L	50.0	NA	96.0	80-120	NA	NA	
Methyl Isobutyl Ketone	23.5	5.0	0.42	ug/L	25.0	NA	94.0	80-120	NA	NA	
Methylene chloride	23.2	5.0	0.63	ug/L	25.0	NA	92.8	80-120	NA	NA	
Methyl-t-butyl ether	24.3	1.0	0.12	ug/L	25.0	NA	97.2	80-120	NA	NA	
Naphthalene	29.1	1.0	0.10	ug/L	25.0	NA	116	80-120	NA	NA	
n-Butylbenzene	27.5	1.0	0.12	ug/L	25.0	NA	110	80-120	NA	NA	
n-Propylbenzene	25.5	1.0	0.10	ug/L	25.0	NA	102	80-120	NA	NA	
o-Xylene	23.7	1.0	0.14	ug/L	25.0	NA	94.8	80-120	NA	NA	
sec-Butylbenzene	26.8	1.0	0.042	ug/L	25.0	NA	107	80-120	NA	NA	
Styrene	23.7	1.0	0.047	ug/L	25.0	NA	94.8	80-120	NA	NA	
tert-Butylbenzene	26.2	1.0	0.10	ug/L	25.0	NA	105	80-120	NA	NA	
Tetrachloroethene	24.8	2.0	0.19	ug/L	25.0	NA	99.2	80-120	NA	NA	
Tetrahydrofuran	24.2	5.0	1.2	ug/L	25.0	NA	96.8	80-120	NA	NA	
Toluene	26.5	1.0	0.17	ug/L	25.0	NA	106	80-120	NA	NA	
trans-1,2-Dichloroethene	26.4	1.0	0.14	ug/L	25.0	NA	106	80-120	NA	NA	
trans-1,3-Dichloropropene	24.9	1.0	0.12	ug/L	25.0	NA	99.6	80-120	NA	NA	
Trichloroethene	23.6	1.0	0.073	ug/L	25.0	NA	94.4	80-120	NA	NA	
Trichlorofluoromethane	25.0	1.0	0.19	ug/L	25.0	NA	100	80-120	NA	NA	
Vinyl chloride	23.6	1.0	0.25	ug/L	25.0	NA	94.4	80-120	NA	NA	
Surrogate: 1,2-Dichloroethane-d4	*24.3*			ug/L	*25.0*	*NA*	*97.2*	*82-128*			
Surrogate: 4-Bromofluorobenzene	*25.0*			ug/L	*25.0*	*NA*	*100*	*76-119*			
Surrogate: Dibromofluoromethane	*25.2*			ug/L	*25.0*	*NA*	*101*	*79-127*			
Surrogate: Toluene-d8	*25.1*			ug/L	*25.0*	*NA*	*100*	*82-116*			

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Service Engineering Group	Client Ref:05017-0207	Work Order #: 0505992
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5K0445 - EPA 5030B

Laboratory Control Sample Duplicate (B5K0445-BSD1) Prepared & Analyzed: 11/18/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	25.3	1.0	0.14	ug/L	25.0	NA	101	80-120	2.34	20	
1,1,1-Trichloroethane	25.6	1.0	0.050	ug/L	25.0	NA	102	80-120	0.391	20	
1,1,2,2-Tetrachloroethane	23.8	1.0	0.23	ug/L	25.0	NA	95.2	80-120	6.11	20	
1,1,2-Trichloroethane	25.1	1.0	0.20	ug/L	25.0	NA	100	80-120	3.52	20	
1,1,2-Trichlorotrifluoroethane	25.4	1.0	0.12	ug/L	25.0	NA	102	80-120	0.784	20	
1,1-Dichloroethane	25.4	1.0	0.053	ug/L	25.0	NA	102	80-120	0.791	20	
1,1-Dichloroethene	24.8	1.0	0.085	ug/L	25.0	NA	99.2	80-120	3.95	20	
1,1-Dichloropropene	23.9	1.0	0.073	ug/L	25.0	NA	95.6	80-120	0.840	20	
1,2,3-Trichlorobenzene	25.0	1.0	0.11	ug/L	25.0	NA	100	80-120	11.3	20	
1,2,3-Trichloropropane	24.9	1.0	0.30	ug/L	25.0	NA	99.6	80-120	3.94	20	
1,2,4-Trichlorobenzene	26.6	1.0	0.14	ug/L	25.0	NA	106	80-120	5.13	20	
1,2,4-Trimethylbenzene	26.7	1.0	0.071	ug/L	25.0	NA	107	80-120	2.27	20	
1,2-Dibromo-3-chloropropane	26.8	1.0	0.41	ug/L	25.0	NA	107	80-120	1.88	20	
1,2-Dibromoethane	23.2	1.0	0.064	ug/L	25.0	NA	92.8	80-120	3.39	20	
1,2-Dichlorobenzene	27.2	1.0	0.12	ug/L	25.0	NA	109	80-120	2.23	20	
1,2-Dichloroethane	25.4	1.0	0.053	ug/L	25.0	NA	102	80-120	0.394	20	
1,2-Dichloropropane	26.4	1.0	0.050	ug/L	25.0	NA	106	80-120	1.14	20	
1,3,5-Trimethylbenzene	26.9	1.0	0.097	ug/L	25.0	NA	108	80-120	1.88	20	
1,3-Dichlorobenzene	27.2	1.0	0.083	ug/L	25.0	NA	109	80-120	2.99	20	
1,3-Dichloropropane	25.6	1.0	0.13	ug/L	25.0	NA	102	80-120	2.32	20	
1,4-Dichlorobenzene	26.0	1.0	0.12	ug/L	25.0	NA	104	80-120	2.33	20	
2,2-Dichloropropane	26.7	1.0	0.10	ug/L	25.0	NA	107	80-120	1.89	20	
2-Butanone (MEK)	26.8	10	1.3	ug/L	25.0	NA	107	80-120	3.03	20	
2-Chlorotoluene	25.1	1.0	0.20	ug/L	25.0	NA	100	80-120	2.83	20	
4-Chlorotoluene	24.9	1.0	0.13	ug/L	25.0	NA	99.6	80-120	2.44	20	
4-Isopropyltoluene	26.7	1.0	0.058	ug/L	25.0	NA	107	80-120	1.13	20	
Acetone	34.8	20	1.5	ug/L	25.0	NA	139	80-120	1.74	20	
Allyl Chloride	24.0	1.0	0.26	ug/L	25.0	NA	96.0	80-120	2.47	20	
Benzene	26.1	1.0	0.045	ug/L	25.0	NA	104	80-120	1.16	20	
Bromobenzene	26.8	1.0	0.15	ug/L	25.0	NA	107	80-120	1.13	20	
Bromochloromethane	25.3	1.0	0.21	ug/L	25.0	NA	101	80-120	3.11	20	
Bromodichloromethane	26.4	1.0	0.11	ug/L	25.0	NA	106	80-120	0.760	20	
Bromoform	21.8	5.0	0.13	ug/L	25.0	NA	87.2	80-120	5.36	20	
Bromomethane	21.2	1.0	0.14	ug/L	25.0	NA	84.8	80-120	12.0	20	
Carbon Tetrachloride	26.4	1.0	0.057	ug/L	25.0	NA	106	80-120	0.760	20	
Chlorobenzene	24.8	1.0	0.042	ug/L	25.0	NA	99.2	80-120	3.95	20	
Chlorodibromomethane	23.5	1.0	0.028	ug/L	25.0	NA	94.0	80-120	4.57	20	
Chloroethane	23.9	1.0	0.11	ug/L	25.0	NA	95.6	80-120	2.54	20	
Chloroform	25.6	1.0	0.12	ug/L	25.0	NA	102	80-120	1.57	20	

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Service Engineering Group	Client Ref:05017-0207	Work Order #: 0505992
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5K0445 - EPA 5030B

Laboratory Control Sample Duplicate (B5K0445-BSD1) Prepared & Analyzed: 11/18/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	20.5	1.0	0.20	ug/L	25.0	NA	82.0	80-120	4.76	20	
cis-1,2-Dichloroethene	26.7	1.0	0.10	ug/L	25.0	NA	107	80-120	3.43	20	
cis-1,3-Dichloropropene	24.9	1.0	0.041	ug/L	25.0	NA	99.6	80-120	0.00	20	
Dibromomethane	26.1	1.0	0.20	ug/L	25.0	NA	104	80-120	0.384	20	
Dichlorodifluoromethane	19.4	1.0	0.13	ug/L	25.0	NA	77.6	80-120	0.514	20	
Dichlorofluoromethane	23.5	1.0	0.10	ug/L	25.0	NA	94.0	80-120	0.426	20	
Ethyl Ether	25.1	1.0	0.31	ug/L	25.0	NA	100	80-120	0.800	20	
Ethylbenzene	24.5	1.0	0.10	ug/L	25.0	NA	98.0	80-120	2.82	20	
Hexachlorobutadiene	26.0	2.0	0.24	ug/L	25.0	NA	104	80-120	3.77	20	
Isopropylbenzene	24.1	1.0	0.064	ug/L	25.0	NA	96.4	80-120	2.86	20	
m,p-Xylenes	46.5	1.0	0.13	ug/L	50.0	NA	93.0	80-120	3.17	20	
Methyl Isobutyl Ketone	22.7	5.0	0.42	ug/L	25.0	NA	90.8	80-120	3.46	20	
Methylene chloride	23.4	5.0	0.63	ug/L	25.0	NA	93.6	80-120	0.858	20	
Methyl-t-butyl ether	24.0	1.0	0.12	ug/L	25.0	NA	96.0	80-120	1.24	20	
Naphthalene	26.5	1.0	0.10	ug/L	25.0	NA	106	80-120	9.35	20	
n-Butylbenzene	27.6	1.0	0.12	ug/L	25.0	NA	110	80-120	0.363	20	
n-Propylbenzene	26.0	1.0	0.10	ug/L	25.0	NA	104	80-120	1.94	20	
o-Xylene	22.9	1.0	0.14	ug/L	25.0	NA	91.6	80-120	3.43	20	
sec-Butylbenzene	27.2	1.0	0.042	ug/L	25.0	NA	109	80-120	1.48	20	
Styrene	22.6	1.0	0.047	ug/L	25.0	NA	90.4	80-120	4.75	20	
tert-Butylbenzene	26.6	1.0	0.10	ug/L	25.0	NA	106	80-120	1.52	20	
Tetrachloroethene	24.1	2.0	0.19	ug/L	25.0	NA	96.4	80-120	2.86	20	
Tetrahydrofuran	21.7	5.0	1.2	ug/L	25.0	NA	86.8	80-120	10.9	20	
Toluene	25.8	1.0	0.17	ug/L	25.0	NA	103	80-120	2.68	20	
trans-1,2-Dichloroethene	26.8	1.0	0.14	ug/L	25.0	NA	107	80-120	1.50	20	
trans-1,3-Dichloropropene	24.7	1.0	0.12	ug/L	25.0	NA	98.8	80-120	0.806	20	
Trichloroethene	23.8	1.0	0.073	ug/L	25.0	NA	95.2	80-120	0.844	20	
Trichlorofluoromethane	23.5	1.0	0.19	ug/L	25.0	NA	94.0	80-120	6.19	20	
Vinyl chloride	23.3	1.0	0.25	ug/L	25.0	NA	93.2	80-120	1.28	20	
Surrogate: 1,2-Dichloroethane-d4	*24.6*			ug/L	*25.0*	*NA*	*98.4*	*82-128*			
Surrogate: 4-Bromofluorobenzene	*23.9*			ug/L	*25.0*	*NA*	*95.6*	*76-119*			
Surrogate: Dibromofluoromethane	*25.5*			ug/L	*25.0*	*NA*	*102*	*79-127*			
Surrogate: Toluene-d8	*24.7*			ug/L	*25.0*	*NA*	*98.8*	*82-116*			

BRAUN INTERTEC

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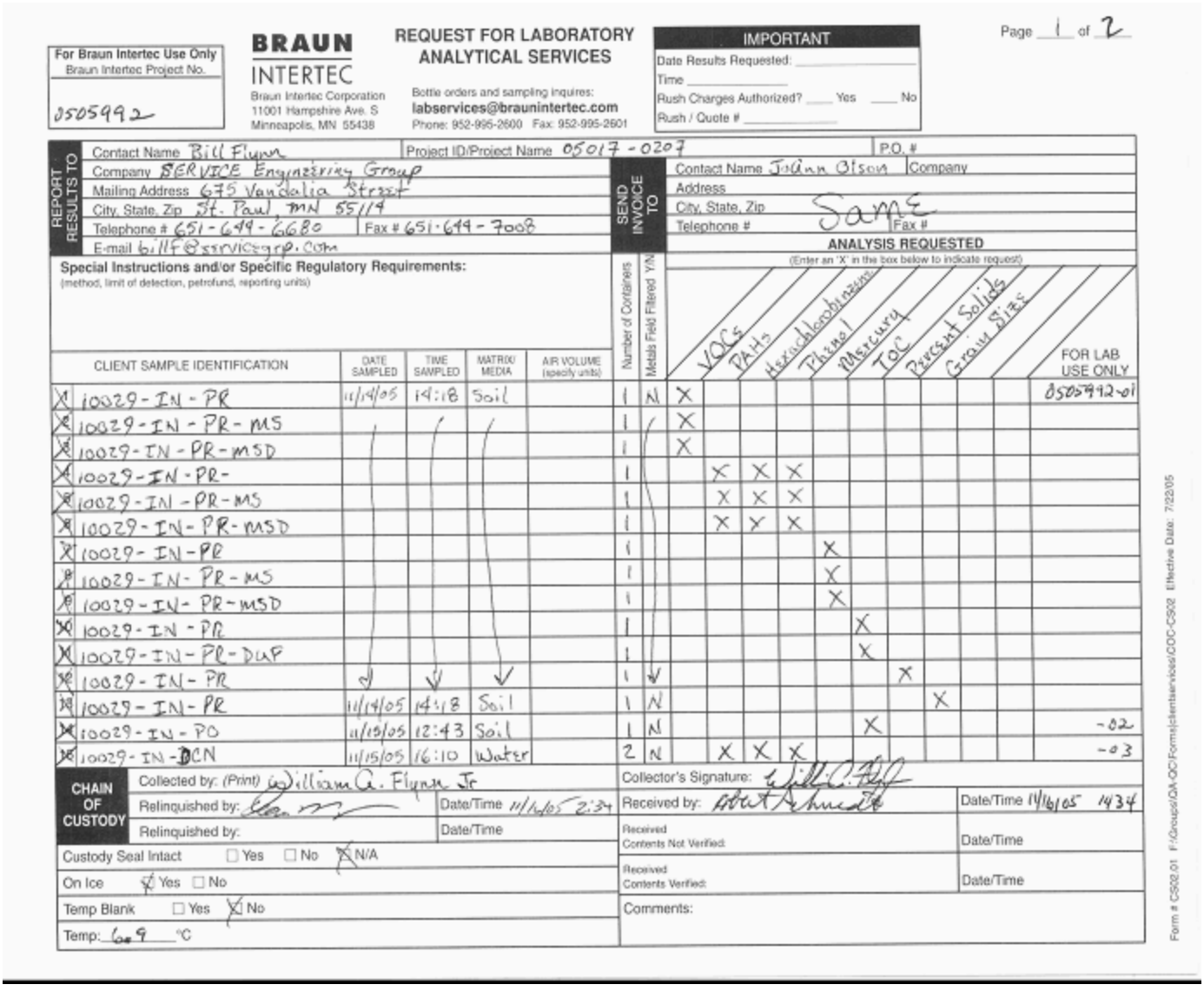
Service Engineering Group	Client Ref:05017-0207	Work Order #: 0505992
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003



BRAUN INTERTEC

REQUEST FOR LABORATORY ANALYTICAL SERVICES

Page 1 of 2

For Braun Intertec Use Only
Braun Intertec Project No.
0505992

Braun Intertec Corporation
11001 Hampshire Ave. S
Minneapolis, MN 55438

Bottle orders and sampling inquires:
labservices@braunintertec.com
Phone: 952-995-2600 Fax: 952-995-2601

IMPORTANT
Date Results Requested:
Time
Rush Charges Authorized? ___ Yes ___ No
Rush / Quote #

REPORT RESULTS TO
Contact Name: Bill Flynn
Company: SERVICE Engineering Group
Mailing Address: 675 Vandalia Street
City, State, Zip: St. Paul, MN 55114
Telephone #: 651-644-6680 Fax #: 651-644-7008
E-mail: billf@serviceengrp.com

Project ID/Project Name: 05017-0207
P.O. #

SEND INVOICE TO
Contact Name: JoAnn Olson Company:
Address:
City, State, Zip: Same
Telephone # Fax #

Special Instructions and/or Specific Regulatory Requirements:
(method, limit of detection, petrofund, reporting units)

ANALYSIS REQUESTED
(Enter an 'X' in the box below to indicate request)

	CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)	Number of Containers	Metals Field Filtered Y/N	VOCs	PAHs	Hexachlorobenzene	Phenol	Mercury	TOC	Percent Solids	Grain Size		FOR LAB USE ONLY
X	10029-IN-PR	11/14/05	14:18	Soil		1	N	X									0505992-01
X	10029-IN-PR-MS					1		X									
X	10029-IN-PR-MSD					1		X									
X	10029-IN-PR-					1			X	X	X						
X	10029-IN-PR-MS					1			X	X	X						
X	10029-IN-PR-MSD					1			X	X	X						
X	10029-IN-PR					1						X					
X	10029-IN-PR-MS					1						X					
X	10029-IN-PR-MSD					1						X					
X	10029-IN-PR					1							X				
X	10029-IN-PR-DUP					1							X				
X	10029-IN-PR	"	"	"		1	"							X			
X	10029-IN-PR	11/14/05	14:18	Soil		1	N								X		
X	10029-IN-PO	11/15/05	12:43	Soil		1	N						X				-02
X	10029-IN-DCN	11/15/05	16:10	Water		2	N		X	X	X						-03

CHAIN OF CUSTODY
Collected by: (Print) William C. Flynn Jr
Relinquished by: Date/Time 11/16/05 2:34
Relinquished by: Date/Time

Collector's Signature:
Received by: Date/Time 11/16/05 1434
Received Contents Not Verified: Date/Time
Received Contents Verified: Date/Time

Custody Seal Intact ☐ Yes ☐ No ☒ N/A
On Ice ☑ Yes ☐ No
Temp Blank ☐ Yes ☒ No
Temp: 6.9 °C

Comments:

Form # CS02.01 F:\Groups\QA-QC\Forms\clientservices\COC-CS02 Effective Date: 7/22/05

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
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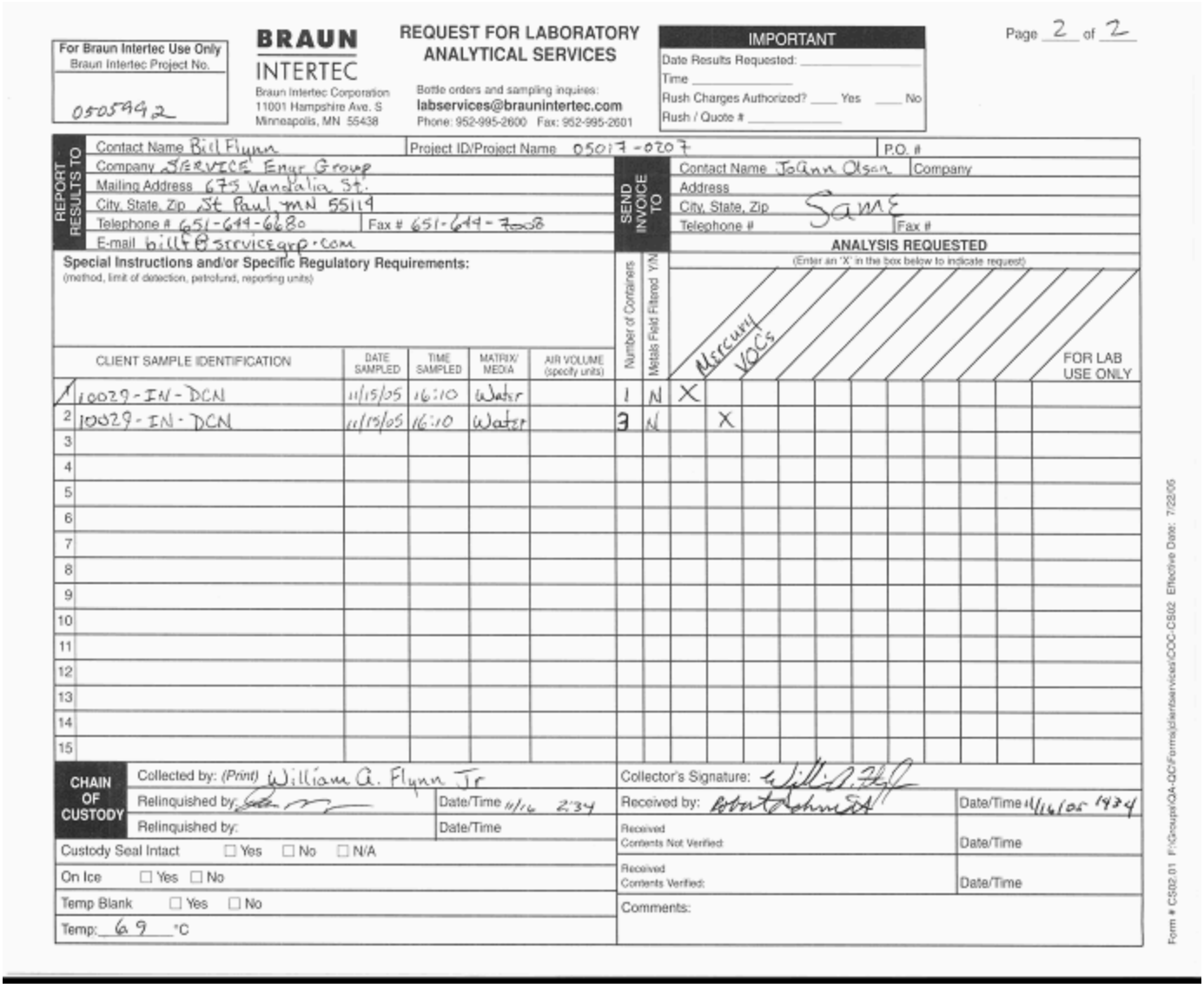
Service Engineering Group	Client Ref:05017-0207	Work Order #: 0505992
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003



Page 2 of 2

For Braun Intertec Use Only
Braun Intertec Project No.
0505992

BRAUN INTERTEC
Braun Intertec Corporation
11001 Hampshire Ave. S
Minneapolis, MN 55438

REQUEST FOR LABORATORY ANALYTICAL SERVICES

Bottle orders and sampling inquiries:
labservices@braunintertec.com
Phone: 952-995-2600 Fax: 952-995-2601

IMPORTANT
Date Results Requested:
Time
Rush Charges Authorized? ____ Yes ____ No
Rush / Quote #

REPORT RESULTS TO
Contact Name Bill Flynn
Company SERVICE Engr Group
Mailing Address 675 Vandalia St.
City, State, Zip St Paul MN 55114
Telephone # 651-644-6680 Fax # 651-644-7008
E-mail billf@servicegrp.com

Project ID/Project Name 05017-0207
P.O. #

SEND INVOICE TO
Contact Name JoAnn Olson Company
Address
City, State, Zip Same
Telephone # Fax #

Special Instructions and/or Specific Regulatory Requirements:
(method, limit of detection, petrofund, reporting units)

ANALYSIS REQUESTED
(Enter an 'X' in the box below to indicate request)

	CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)	Number of Containers	Metals Field Filtered Y/N	Mercury	VOCs	FOR LAB USE ONLY
1	10029-IN-DCN	11/15/05	16:10	Water		1	N	X		
2	10029-IN-DCN	11/15/05	16:10	Water		3	N		X	
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										

CHAIN OF CUSTODY
Collected by: (Print) William A. Flynn Jr
Collector's Signature:
Relinquished by: Date/Time 11/16 2:34
Received by: Date/Time 11/16/05 1434
Relinquished by: Date/Time
Received Contents Not Verified: Date/Time
Received Contents Verified: Date/Time
Custody Seal Intact ☐ Yes ☐ No ☐ N/A
On Ice ☐ Yes ☐ No
Temp Blank ☐ Yes ☐ No
Temp: 6.9 °C
Comments:

Form # C502.01 F:\Groups\QA-QC\Forms\clientservices\COC-C502 Effective Date: 7/22/05

BRAUN INTERTEC

Braun Intertec Corporation
11001 Hampshire Avenue S
Minneapolis, MN 55438

Phone: 952.995.2000
Fax: 952.995.2020
Web: brauntintertec.com

Mr. Bill Flynn
Service Engineering Group
675 Vandalia Street
St. Paul, MN 55114-1312

December 15, 2005

Work Order #: 0506008

RE: 05017-0207

Dear Mr. Bill Flynn

Braun Intertec Corporation received samples for the project identified above on 11/16/05 11:04. Analytical results are summarized in the following report.

All routine quality assurance procedures were followed, unless otherwise noted.

Analytical results are reported on an "as received" basis unless otherwise noted. Where possible, the samples will be retained by the laboratory for 14 days following issuance of the initial final report. The samples will be disposed of or returned at that time. Arrangements can be made for extended storage by contacting me at this time.

We appreciate your decision to use Braun Intertec Corporation for this project. We are committed to being your vendor of choice to meet your analytical chemistry needs.

If you have any questions please contact me at the above phone number.

Sincerely,

Steven J. Albrecht

Steven J. Albrecht
Associate Principal

Certification/Accreditation Numbers

Minnesota Department of Health: 027-053-117 Wisconsin DNR: 999462640 NVLAP: 1021234-0 AIHA: 101103

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
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Service Engineering Group	Client Ref:05017-0207	Work Order #: 0506008
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

How to Use this Report

In order to get the most out of the information presented in this report please refer to the following explanations as to how the data in this report is tied together and how some of the terms are defined.

Qualifiers and Abbreviations are defined in the following section. You will find these codes used throughout the report in headers and in note sections to designate a unique fact about the data to which they are associated.

The Case Narrative gives a "story" about the analysis and results. Here you will find greater elaboration on relevant qualifiers as well as an explanation of anything of particular note in the data. This is a discussion of the data in terms of quality control and chemistry. It is a summary of any deviations that could affect the usefulness of the data. This is not an interpretation as to how this information relates to regulatory compliance, toxicity, or hazardous characterization. These items are beyond the scope of this report.

The Sample Summary provides detail on sample receipt. The association between Client sample ID and the Laboratory sample ID are defined here; this information is valuable to have when discussing results with your project manager. Sample collection and receipt dates and times are provided here as well. General notes regarding the work order are also documented here. This is a mini "case narrative" that describes any anomalies regarding the condition of the samples upon arrival to the laboratory or special circumstances regarding the work order.

The Conditions Upon Receipt summarizes the results of specific checks that have been performed at sample receipt. This includes items like custody documentation, sample condition, and temperature at receipt. Each "cooler" is identified and the conditions associated with that cooler are documented. A "cooler" is defined as the larger container used to transport the individual samples. In most cases this is a standard recreational cooler but it can be a box, plastic bag, or other container.

The laboratory results are summarized in the following sections. Data is broken down into major categories for convenience. An example of such a category would be "Total Petroleum Hydrocarbons." Here you would find data that references the testing of such parameters as diesel range organics and gasoline range organics. Other categories are similarly mapped. The batch number is associated with each sample. This is important to evaluate Quality Control (QC) data. Surrogate results samples are provided with each sample. Laboratory control limits are provided for comparison (see below). The reference method is also identified. If a method is denoted with an "M" (e.g. EPA 1234(M)) this means that it has been modified. An explanation of the modification will be found in the Case Narrative. A result is given with appropriate units. If a soil sample is dry-weight corrected then the word "dry" will appear next to the units. If the word "dry" does not appear then the result is "as received."

The Method Reporting Limit (MRL) and Method Detection Limit (MDL) are provided. It is important to understand these terms. The MRL is a level that has been empirically verified to provide reliable quantitation of results. Results that are equal to or greater than this value will show up as bolded. They are considered "hits." The MDL is a statistically derived number that indicates, with high confidence, that an analyte can be detected above noise level. If a result is less than this value it is marked as "ND" for "Non-Detect." If a result is less than the MRL but greater than the MDL then it is considered an estimate. Such a result is reported with a "J" flag denoting that it has been detected but that the result is an estimate. This is consistent with the *CLP Statement of Work* and the *National Functional Guidelines.*

The Quality Control (QC) samples are documented in the following section. Here you will find the preparation batches associated with each sample from the results section. The sample preparation method is also defined here. Accuracy is represented here in terms of a percent recovery as compared to a known value. Precision is represented as a relative percent difference between two duplicate sample aliquots. The laboratory control limits are provided as a means to evaluate the quality control data. If the result falls outside the laboratory control limits this simply means that it is outside what is typical for the laboratory and is noted accordingly. This does not mean that the data is invalid. Laboratory control limits are generally tighter than most program limits. This is a very important distinction. How the data is ultimately used determines its validity. Program requirements are defined in the Quality Assurance Project Plan (QAPP) governing the project. If your project manager is aware of your specific program requirements then a note will be made in the case narrative if the data fails to meet any of these requirements.

The last section contains copies of important documents and/or instrument printouts relavent to the report. This includes the chain of custody. It also may include items like chromatograms or spectra.

Please note that this report is paginated and must be reproduced in its entirety.

BRAUN INTERTEC

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Service Engineering Group	Client Ref:05017-0207	Work Order #: 0506008
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Qualifiers and Abbreviations

vfa	The method reporting limit (MRL) was raised for one or more analytes; a dilution of the sample was necessary due to high analyte levels and/or matrix interferences.
ts	This analysis was performed by a subcontract laboratory.
sk	The surrogate recovery is outside of laboratory control limits due to matrix interference.
qn	The spike recovery is outside of laboratory control limits for the matrix spike (MS) and/or the matrix spike duplicate (MSD).
J	Detected but below the Method Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
go	The laboratory control sample recovery is outside of laboratory control limits.
COC	Chain of Custody
dry	Sample results reported on a dry weight basis
MDL	Method Detection Limit
MRL	Method Reporting Limit
NA	Not Applicable
ND	Analyte NOT DETECTED
NR	Not Reported
%Rec	Percent Recovery
RPD	Relative Percent Difference
VOC	Volatile Organic Compound

The results in this report apply only to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Bloomington, MN 55438
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Service Engineering Group	Client Ref:05017-0207	Work Order #: 0506008
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

SAMPLE SUMMARY

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
10029-10M-PR	0506008-01	Soil	11/15/05 16:15	11/16/05 11:04
10029-10M-PR	0506008-02	Slurry	11/15/05 00:00	11/16/05 11:04

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Service Engineering Group	Client Ref:05017-0207	Work Order #: 0506008
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Conditions Upon Receipt

Cooler: Cooler #1

Temperature:	6.8 °C	**Received on Ice:**	Yes	**Preservation Confirmed:**	No
COC Included:	Yes	**Hand Delivered by Sampler:**	No	**Temperature Blank:**	Yes
Custody Seals Used:	No	**Sufficient Sample Provided:**	Yes	**COC Complete:**	Yes
Custody Seals Intact:	No	**Headspace Present (VOC):**	No	**COC & Labels Agree:**	Yes

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675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-10M-PR

0506008-01 (Soil)

11/15/05 16:15

Classical Chemistry Parameters

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
% Solids	**50**			% Wt	B5K0450	11/23/05	11/25/05	ASTM D2216	

Metals

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Mercury	**17**	2.8	0.12	mg/kg dry	B5K0474	11/25/05	11/28/05	EPA 7471A	qn

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,2,4-Trichlorobenzene	**22**	1.3	0.20	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
1,2-Dichlorobenzene	**22**	1.3	0.10	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
1,2-Diphenylhydrazine	ND	0.13	0.012	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
1,3-Dichlorobenzene	**1.2**	0.13	0.016	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
1,4-Dichlorobenzene	**49**	1.3	0.20	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
2,4,5-Trichlorophenol	ND	0.13	0.038	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
2,4,6-Trichlorophenol	ND	0.13	0.034	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
2,4-Dichlorophenol	ND	0.13	0.038	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
2,4-Dimethylphenol	ND	0.34	0.12	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
2,4-Dinitrophenol	ND	0.34	0.036	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
2,4-Dinitrotoluene	ND	0.13	0.014	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
2,6-Dinitrotoluene	ND	0.13	0.012	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
2-Chloronaphthalene	ND	0.13	0.014	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
2-Chlorophenol	ND	0.13	0.036	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
2-Methylnaphthalene	**9.5**	1.3	0.46	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
2-Methylphenol	ND	0.34	0.034	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
2-Nitroaniline	ND	0.13	0.036	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
2-Nitrophenol	ND	0.13	0.038	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
3,3-Dichlorobenzidine	ND	0.66	0.034	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
3-/4-Methylphenol	**3.9**	0.34	0.042	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
3-Nitroaniline	ND	0.34	0.036	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
4,6-Dinitro-2-methylphenol	ND	0.34	0.020	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
4-Bromophenyl phenyl ether	ND	0.13	0.020	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	

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Service Engineering Group	Client Ref:05017-0207	Work Order #: 0506008
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-10M-PR

0506008-01 (Soil)

11/15/05 16:15

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
4-Chloro-3-methylphenol	ND	0.13	0.044	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
4-Chloroaniline	ND	0.34	0.036	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	0.13	0.022	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
4-Nitroaniline	ND	0.13	0.030	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
4-Nitrophenol	ND	0.13	0.042	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Acenaphthene	**0.58**	0.13	0.020	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Acenaphthylene	**1.5**	0.13	0.014	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Aniline	ND	0.34	0.084	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Anthracene	**1.6**	0.13	0.020	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Benz(a)anthracene	**0.70**	0.13	0.020	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Benzo(a)pyrene	**0.47**	0.13	0.016	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Benzo(b)fluoranthene	**0.47**	0.13	0.034	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Benzo(g,h,i)perylene	**0.24**	0.13	0.012	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Benzo(k)fluoranthene	**0.32**	0.13	0.028	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Benzyl alcohol	ND	0.13	0.054	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
bis(2-Chloroethoxy)methane	ND	0.13	0.022	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Bis(2-Chloroethyl)ether	ND	0.13	0.024	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Bis(2-chloroisopropyl)ether	ND	0.13	0.028	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Bis(2-Ethylhexyl)phthalate	0.089 J	0.66	0.018	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Butyl benzyl phthalate	ND	0.13	0.016	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Carbazole	**0.30**	0.13	0.030	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Chrysene	**0.77**	0.13	0.020	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Dibenz(a,h)anthracene	ND	0.13	0.042	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Dibenzofuran	**1.8**	0.13	0.026	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Diethylphthalate	ND	0.13	0.022	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Dimethyl phthalate	ND	0.13	0.022	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Di-n-butyl phthalate	ND	0.66	0.028	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Di-n-octyl phthalate	ND	0.13	0.020	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Fluoranthene	**1.9**	0.13	0.014	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Fluorene	**17**	1.3	0.080	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	

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Service Engineering Group	Client Ref:05017-0207	Work Order #: 0506008
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-10M-PR

0506008-01 (Soil)

11/15/05 16:15

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Hexachlorobenzene	ND	0.13	0.018	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Hexachlorobutadiene	ND	0.13	0.012	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Hexachlorocyclopentadiene	ND	0.13	0.018	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Hexachloroethane	ND	0.13	0.018	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Indeno(1,2,3-cd)pyrene	**0.22**	0.13	0.018	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Isophorone	ND	0.13	0.020	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Naphthalene	**140**	13	1.0	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Nitrobenzene	ND	0.13	0.024	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
N-Nitrosodimethylamine	ND	0.13	0.042	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
N-Nitrosodi-n-propylamine	ND	0.13	0.024	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
N-Nitrosodiphenylamine	**1.4**	0.13	0.014	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Pentachlorophenol	ND	0.34	0.038	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Phenanthrene	**3.5**	0.13	0.016	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Phenol	**8.3**	1.3	0.36	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Pyrene	**1.4**	0.13	0.020	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	go
Pyridine	ND	0.13	0.078	mg/kg dry	B5K0355	11/18/05	11/21/05	EPA 8270C	
Surrogate: 2,4,6-Tribromophenol	*30.5 %*	*Limits: 30-150%*			*B5K0355*	*11/18/05*	*11/21/05*	*EPA 8270C*	
Surrogate: 2-Fluorobiphenyl	*46.6 %*	*Limits: 30-104%*			*B5K0355*	*11/18/05*	*11/21/05*	*EPA 8270C*	
Surrogate: 2-Fluorophenol	*40.8 %*	*Limits: 30-106%*			*B5K0355*	*11/18/05*	*11/21/05*	*EPA 8270C*	
Surrogate: Nitrobenzene-d5	*25.4 %*	*Limits: 30-90%*			*B5K0355*	*11/18/05*	*11/21/05*	*EPA 8270C*	*sk*
Surrogate: Phenol-d6	*60.7 %*	*Limits: 30-102%*			*B5K0355*	*11/18/05*	*11/21/05*	*EPA 8270C*	
Surrogate: Terphenyl-d14	*41.9 %*	*Limits: 30-115%*			*B5K0355*	*11/18/05*	*11/21/05*	*EPA 8270C*	

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,1,2-Tetrachloroethane	ND	10	1.4	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
1,1,1-Trichloroethane	ND	10	0.60	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
1,1,2,2-Tetrachloroethane	ND	10	2.4	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa

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675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-10M-PR

0506008-01 (Soil)

11/15/05 16:15

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,2-Trichloroethane	ND	10	2.0	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
1,1,2-Trichlorotrifluoroethane	ND	10	1.2	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
1,1-Dichloroethane	ND	10	0.54	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
1,1-Dichloroethene	ND	10	0.86	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
1,1-Dichloropropene	ND	10	0.74	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
1,2,3-Trichlorobenzene	**80**	10	1.1	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
1,2,3-Trichloropropane	ND	10	3.0	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
1,2,4-Trichlorobenzene	**230**	10	1.4	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
1,2,4-Trimethylbenzene	**46**	10	0.70	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
1,2-Dibromo-3-chloropropane	ND	10	4.0	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
1,2-Dibromoethane	ND	10	0.64	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
1,2-Dichlorobenzene	**84**	10	1.2	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
1,2-Dichloroethane	ND	10	0.54	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
1,2-Dichloropropane	ND	10	0.50	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
1,3,5-Trimethylbenzene	**28**	10	0.98	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
1,3-Dichlorobenzene	ND	10	0.84	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
1,3-Dichloropropane	ND	10	1.3	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
1,4-Dichlorobenzene	**150**	10	1.2	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
2,2-Dichloropropane	ND	10	1.0	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
2-Butanone (MEK)	ND	1000	130	mg/kg dry	B5K0420	11/21/05	11/24/05	EPA 8260B	vfa
2-Chlorotoluene	**11**	10	1.9	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
4-Chlorotoluene	ND	10	1.3	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
4-Isopropyltoluene	ND	10	0.58	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
Acetone	ND	200	15	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
Allyl Chloride	ND	10	2.6	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
Benzene	**20**	10	0.44	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
Bromobenzene	ND	10	1.5	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
Bromochloromethane	ND	10	2.2	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
Bromodichloromethane	ND	10	1.1	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-10M-PR

0506008-01 (Soil)

11/15/05 16:15

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Bromoform	ND	50	1.3	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
Bromomethane	ND	10	1.4	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
Carbon Tetrachloride	ND	10	0.56	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
Chlorobenzene	**77**	10	0.42	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
Chlorodibromomethane	ND	10	0.30	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
Chloroethane	ND	10	1.1	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
Chloroform	ND	10	1.2	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
Chloromethane	ND	10	2.0	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
cis-1,2-Dichloroethene	ND	10	1.0	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
cis-1,3-Dichloropropene	ND	10	0.40	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
Dibromomethane	ND	10	2.0	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
Dichlorodifluoromethane	ND	10	1.3	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
Dichlorofluoromethane	ND	10	1.0	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
Ethyl Ether	ND	10	3.0	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
Ethylbenzene	ND	10	1.1	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
Hexachlorobutadiene	ND	20	2.4	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
Isopropylbenzene	**15**	10	0.64	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
m,p-Xylenes	**72**	10	1.3	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
Methyl Isobutyl Ketone	ND	50	4.2	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
Methylene chloride	ND	50	6.4	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
Methyl-t-butyl ether	ND	10	1.2	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
Naphthalene	**320**	100	10	mg/kg dry	B5K0420	11/21/05	11/24/05	EPA 8260B	vfa
n-Butylbenzene	ND	10	1.2	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
n-Propylbenzene	ND	10	1.0	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
o-Xylene	**25**	10	1.4	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
sec-Butylbenzene	**34**	10	0.42	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
Styrene	**22**	10	0.46	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
tert-Butylbenzene	**12**	10	1.0	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
Tetrachloroethene	ND	20	1.9	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa

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Service Engineering Group	Client Ref:05017-0207	Work Order #: 0506008
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-10M-PR

0506008-01 (Soil)

11/15/05 16:15

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Tetrahydrofuran	ND	50	12	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
Toluene	**19**	10	1.7	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
trans-1,2-Dichloroethene	ND	10	1.4	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
trans-1,3-Dichloropropene	ND	10	1.2	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
Trichloroethene	ND	10	0.74	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
Trichlorofluoromethane	ND	10	1.9	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
Vinyl chloride	ND	10	2.4	mg/kg dry	B5K0420	11/21/05	11/22/05	EPA 8260B	vfa
Surrogate: 1,2-Dichloroethane-d4	*97.6 %*	*Limits: 81-127%*			*B5K0420*	*11/21/05*	*11/22/05*	*EPA 8260B*	*vfa*
Surrogate: 4-Bromofluorobenzene	*98.8 %*	*Limits: 74-117%*			*B5K0420*	*11/21/05*	*11/22/05*	*EPA 8260B*	*vfa*
Surrogate: Dibromofluoromethane	*96.8 %*	*Limits: 79-127%*			*B5K0420*	*11/21/05*	*11/22/05*	*EPA 8260B*	*vfa*
Surrogate: Toluene-d8	*99.2 %*	*Limits: 82-115%*			*B5K0420*	*11/21/05*	*11/22/05*	*EPA 8260B*	*vfa*

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-10M-PR

0506008-02 (Slurry)

11/15/05 0:00

Classical Chemistry Parameters

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Total Organic Carbon	**330**	38	20	mg/L	B5K0456	11/22/05	11/22/05	EPA 9060	ts

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Classical Chemistry Parameters - Quality Control

Batch B5K0450 - NO PREP

Method Blank (B5K0450-BLK1) Prepared: 11/23/05 Analyzed: 11/25/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
% Solids	ND			% Wt	NA	NA	NA	NA	NA	NA	

Standard Reference Material (B5K0450-SRM1) Prepared: 11/23/05 Analyzed: 11/25/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
% Solids	86.3			% Wt	88.8	NA	97.2	90-110	NA	NA	

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Metals - Quality Control

Batch B5K0474 - EPA 7471A

Method Blank (B5K0474-BLK1) Prepared: 11/25/05 Analyzed: 11/28/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	ND	0.020	0.00090	mg/kg	NA	NA	NA	NA	NA	NA	

Laboratory Control Sample (B5K0474-BS1) Prepared: 11/25/05 Analyzed: 11/28/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.257	0.020	0.00090	mg/kg	0.250	NA	103	85-115	NA	NA	

Laboratory Control Sample Duplicate (B5K0474-BSD1) Prepared: 11/25/05 Analyzed: 11/28/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.250	0.020	0.00090	mg/kg	0.250	NA	100	85-115	2.76	20	

Matrix Spike (B5K0474-MS1) **Source: 0506008-01** Prepared: 11/25/05 Analyzed: 11/28/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	18.0	0.29	0.013	mg/kg dry	0.363	8.7	NR	75-125	NA	NA	

Matrix Spike Duplicate (B5K0474-MSD1) **Source: 0506008-01** Prepared: 11/25/05 Analyzed: 11/28/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	18.1	0.31	0.014	mg/kg dry	0.388	8.7	NR	75-125	0.554	20	

Standard Reference Material (B5K0474-SRM1) Prepared: 11/25/05 Analyzed: 11/28/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	3.41	0.16	0.0071	mg/kg	3.66	NA	93.2	57.4-139	NA	NA	

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Semivolatile Organic Compounds - Quality Control

Batch B5K0355 - EPA 3545

Method Blank (B5K0355-BLK1) Prepared: 11/18/05 Analyzed: 11/21/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	0.0160 J	0.067	0.0050	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Diphenylhydrazine	ND	0.067	0.0060	mg/kg	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	ND	0.067	0.0080	mg/kg	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	0.0370 J	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
2,4,5-Trichlorophenol	ND	0.067	0.019	mg/kg	NA	NA	NA	NA	NA	NA	
2,4,6-Trichlorophenol	ND	0.067	0.017	mg/kg	NA	NA	NA	NA	NA	NA	
2,4-Dichlorophenol	ND	0.067	0.019	mg/kg	NA	NA	NA	NA	NA	NA	
2,4-Dimethylphenol	ND	0.17	0.059	mg/kg	NA	NA	NA	NA	NA	NA	
2,4-Dinitrophenol	ND	0.17	0.018	mg/kg	NA	NA	NA	NA	NA	NA	
2,4-Dinitrotoluene	ND	0.067	0.0070	mg/kg	NA	NA	NA	NA	NA	NA	
2,6-Dinitrotoluene	ND	0.067	0.0060	mg/kg	NA	NA	NA	NA	NA	NA	
2-Chloronaphthalene	ND	0.067	0.0070	mg/kg	NA	NA	NA	NA	NA	NA	
2-Chlorophenol	ND	0.067	0.018	mg/kg	NA	NA	NA	NA	NA	NA	
2-Methylnaphthalene	ND	0.067	0.023	mg/kg	NA	NA	NA	NA	NA	NA	
2-Methylphenol	ND	0.17	0.017	mg/kg	NA	NA	NA	NA	NA	NA	
2-Nitroaniline	ND	0.067	0.018	mg/kg	NA	NA	NA	NA	NA	NA	
2-Nitrophenol	ND	0.067	0.019	mg/kg	NA	NA	NA	NA	NA	NA	
3,3-Dichlorobenzidine	ND	0.33	0.017	mg/kg	NA	NA	NA	NA	NA	NA	
3-/4-Methylphenol	ND	0.17	0.021	mg/kg	NA	NA	NA	NA	NA	NA	
3-Nitroaniline	ND	0.17	0.018	mg/kg	NA	NA	NA	NA	NA	NA	
4,6-Dinitro-2-methylphenol	ND	0.17	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
4-Bromophenyl phenyl ether	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
4-Chloro-3-methylphenol	ND	0.067	0.022	mg/kg	NA	NA	NA	NA	NA	NA	
4-Chloroaniline	ND	0.17	0.018	mg/kg	NA	NA	NA	NA	NA	NA	
4-Chlorophenyl phenyl ether	ND	0.067	0.011	mg/kg	NA	NA	NA	NA	NA	NA	
4-Nitroaniline	ND	0.067	0.015	mg/kg	NA	NA	NA	NA	NA	NA	
4-Nitrophenol	ND	0.067	0.021	mg/kg	NA	NA	NA	NA	NA	NA	
Acenaphthene	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Acenaphthylene	ND	0.067	0.0070	mg/kg	NA	NA	NA	NA	NA	NA	
Aniline	ND	0.17	0.042	mg/kg	NA	NA	NA	NA	NA	NA	
Anthracene	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Benz(a)anthracene	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Benzo(a)pyrene	ND	0.067	0.0080	mg/kg	NA	NA	NA	NA	NA	NA	
Benzo(b)fluoranthene	ND	0.067	0.017	mg/kg	NA	NA	NA	NA	NA	NA	
Benzo(g,h,i)perylene	ND	0.067	0.0060	mg/kg	NA	NA	NA	NA	NA	NA	
Benzo(k)fluoranthene	ND	0.067	0.014	mg/kg	NA	NA	NA	NA	NA	NA	
Benzyl alcohol	ND	0.067	0.027	mg/kg	NA	NA	NA	NA	NA	NA	
bis(2-Chloroethoxy)methane	ND	0.067	0.011	mg/kg	NA	NA	NA	NA	NA	NA	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5K0355 - EPA 3545

Method Blank (B5K0355-BLK1) Prepared: 11/18/05 Analyzed: 11/21/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Bis(2-Chloroethyl)ether	ND	0.067	0.012	mg/kg	NA	NA	NA	NA	NA	NA	
Bis(2-chloroisopropyl)ether	ND	0.067	0.014	mg/kg	NA	NA	NA	NA	NA	NA	
Bis(2-Ethylhexyl)phthalate	ND	0.33	0.0090	mg/kg	NA	NA	NA	NA	NA	NA	
Butyl benzyl phthalate	ND	0.067	0.0080	mg/kg	NA	NA	NA	NA	NA	NA	
Carbazole	ND	0.067	0.015	mg/kg	NA	NA	NA	NA	NA	NA	
Chrysene	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Dibenz(a,h)anthracene	ND	0.067	0.021	mg/kg	NA	NA	NA	NA	NA	NA	
Dibenzofuran	ND	0.067	0.013	mg/kg	NA	NA	NA	NA	NA	NA	
Diethylphthalate	ND	0.067	0.011	mg/kg	NA	NA	NA	NA	NA	NA	
Dimethyl phthalate	ND	0.067	0.011	mg/kg	NA	NA	NA	NA	NA	NA	
Di-n-butyl phthalate	ND	0.33	0.014	mg/kg	NA	NA	NA	NA	NA	NA	
Di-n-octyl phthalate	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Fluoranthene	ND	0.067	0.0070	mg/kg	NA	NA	NA	NA	NA	NA	
Fluorene	ND	0.067	0.0040	mg/kg	NA	NA	NA	NA	NA	NA	
Hexachlorobenzene	ND	0.067	0.0090	mg/kg	NA	NA	NA	NA	NA	NA	
Hexachlorobutadiene	ND	0.067	0.0060	mg/kg	NA	NA	NA	NA	NA	NA	
Hexachlorocyclopentadiene	ND	0.067	0.0090	mg/kg	NA	NA	NA	NA	NA	NA	
Hexachloroethane	ND	0.067	0.0090	mg/kg	NA	NA	NA	NA	NA	NA	
Indeno(1,2,3-cd)pyrene	ND	0.067	0.0090	mg/kg	NA	NA	NA	NA	NA	NA	
Isophorone	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Naphthalene	0.0847	0.067	0.0050	mg/kg	NA	NA	NA	NA	NA	NA	
Nitrobenzene	ND	0.067	0.012	mg/kg	NA	NA	NA	NA	NA	NA	
N-Nitrosodimethylamine	ND	0.067	0.021	mg/kg	NA	NA	NA	NA	NA	NA	
N-Nitrosodi-n-propylamine	ND	0.067	0.012	mg/kg	NA	NA	NA	NA	NA	NA	
N-Nitrosodiphenylamine	ND	0.067	0.0070	mg/kg	NA	NA	NA	NA	NA	NA	
Pentachlorophenol	ND	0.17	0.019	mg/kg	NA	NA	NA	NA	NA	NA	
Phenanthrene	ND	0.067	0.0080	mg/kg	NA	NA	NA	NA	NA	NA	
Phenol	ND	0.067	0.018	mg/kg	NA	NA	NA	NA	NA	NA	
Pyrene	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Pyridine	ND	0.067	0.039	mg/kg	NA	NA	NA	NA	NA	NA	
Surrogate: 2,4,6-Tribromophenol	*0.715*			mg/kg	*1.67*	*NA*	*42.8*	*30-150*			
Surrogate: 2-Fluorobiphenyl	*0.653*			mg/kg	*0.833*	*NA*	*78.4*	*30-104*			
Surrogate: 2-Fluorophenol	*1.11*			mg/kg	*1.67*	*NA*	*66.5*	*30-106*			
Surrogate: Nitrobenzene-d5	*0.555*			mg/kg	*0.833*	*NA*	*66.6*	*30-90*			
Surrogate: Phenol-d6	*1.18*			mg/kg	*1.67*	*NA*	*70.7*	*30-102*			
Surrogate: Terphenyl-d14	*0.665*			mg/kg	*0.833*	*NA*	*79.8*	*30-115*			

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Service Engineering Group	Client Ref:05017-0207	Work Order #: 0506008
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5K0355 - EPA 3545

Laboratory Control Sample (B5K0355-BS1) Prepared: 11/18/05 Analyzed: 11/21/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	1.36	0.067	0.010	mg/kg	1.67	NA	81.4	55-115	NA	NA	
1,4-Dichlorobenzene	1.34	0.067	0.010	mg/kg	1.67	NA	80.2	55-115	NA	NA	
2,4-Dinitrophenol	0.591	0.17	0.018	mg/kg	1.67	NA	35.4	0-200	NA	NA	
2-Chlorophenol	1.41	0.067	0.018	mg/kg	1.67	NA	84.4	55-115	NA	NA	
4-Chloro-3-methylphenol	1.41	0.067	0.022	mg/kg	1.67	NA	84.4	55-115	NA	NA	
4-Nitrophenol	1.45	0.067	0.021	mg/kg	1.67	NA	86.8	45-130	NA	NA	
Acenaphthene	1.57	0.067	0.010	mg/kg	1.67	NA	94.0	50-115	NA	NA	
N-Nitrosodi-n-propylamine	1.44	0.067	0.012	mg/kg	1.67	NA	86.2	65-115	NA	NA	
Pentachlorophenol	0.924	0.17	0.019	mg/kg	1.67	NA	55.3	30-130	NA	NA	
Phenol	1.38	0.067	0.018	mg/kg	1.67	NA	82.6	55-115	NA	NA	
Pyrene	2.05	0.067	0.010	mg/kg	1.67	NA	123	50-130	NA	NA	
Surrogate: 2,4,6-Tribromophenol	*1.42*			mg/kg	*1.67*	*NA*	*85.0*	*30-150*			
Surrogate: 2-Fluorobiphenyl	*0.768*			mg/kg	*0.833*	*NA*	*92.2*	*30-104*			
Surrogate: 2-Fluorophenol	*1.27*			mg/kg	*1.67*	*NA*	*76.0*	*30-106*			
Surrogate: Nitrobenzene-d5	*0.616*			mg/kg	*0.833*	*NA*	*73.9*	*30-90*			
Surrogate: Phenol-d6	*1.38*			mg/kg	*1.67*	*NA*	*82.6*	*30-102*			
Surrogate: Terphenyl-d14	*0.764*			mg/kg	*0.833*	*NA*	*91.7*	*30-115*			

Laboratory Control Sample Duplicate (B5K0355-BSD1) Prepared: 11/18/05 Analyzed: 11/21/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	1.43	0.067	0.010	mg/kg	1.67	NA	85.6	55-115	5.02	25	
1,4-Dichlorobenzene	1.29	0.067	0.010	mg/kg	1.67	NA	77.2	55-115	3.80	25	
2,4-Dinitrophenol	0.532	0.17	0.018	mg/kg	1.67	NA	31.9	0-200	10.5	200	
2-Chlorophenol	1.38	0.067	0.018	mg/kg	1.67	NA	82.6	55-115	2.15	25	
4-Chloro-3-methylphenol	1.40	0.067	0.022	mg/kg	1.67	NA	83.8	55-115	0.712	25	
4-Nitrophenol	1.38	0.067	0.021	mg/kg	1.67	NA	82.6	45-130	4.95	30	
Acenaphthene	1.50	0.067	0.010	mg/kg	1.67	NA	89.8	50-115	4.56	25	
N-Nitrosodi-n-propylamine	1.42	0.067	0.012	mg/kg	1.67	NA	85.0	65-115	1.40	25	
Pentachlorophenol	1.02	0.17	0.019	mg/kg	1.67	NA	61.1	30-130	9.88	30	
Phenol	1.34	0.067	0.018	mg/kg	1.67	NA	80.2	55-115	2.94	25	
Pyrene	1.58	0.067	0.010	mg/kg	1.67	NA	94.6	50-130	25.9	25	
Surrogate: 2,4,6-Tribromophenol	*1.42*			mg/kg	*1.67*	*NA*	*85.0*	*30-150*			
Surrogate: 2-Fluorobiphenyl	*0.796*			mg/kg	*0.833*	*NA*	*95.6*	*30-104*			
Surrogate: 2-Fluorophenol	*1.26*			mg/kg	*1.67*	*NA*	*75.4*	*30-106*			
Surrogate: Nitrobenzene-d5	*0.639*			mg/kg	*0.833*	*NA*	*76.7*	*30-90*			
Surrogate: Phenol-d6	*1.35*			mg/kg	*1.67*	*NA*	*80.8*	*30-102*			
Surrogate: Terphenyl-d14	*0.792*			mg/kg	*0.833*	*NA*	*95.1*	*30-115*			

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Service Engineering Group	Client Ref:05017-0207	Work Order #: 0506008
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5K0420 - EPA 5035

Method Blank (B5K0420-BLK1) Prepared & Analyzed: 11/21/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	ND	0.050	0.0071	mg/kg	NA	NA	NA	NA	NA	NA	
1,1,1-Trichloroethane	ND	0.050	0.0030	mg/kg	NA	NA	NA	NA	NA	NA	
1,1,2,2-Tetrachloroethane	ND	0.050	0.012	mg/kg	NA	NA	NA	NA	NA	NA	
1,1,2-Trichloroethane	ND	0.050	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
1,1,2-Trichlorotrifluoroethane	ND	0.050	0.0058	mg/kg	NA	NA	NA	NA	NA	NA	
1,1-Dichloroethane	ND	0.050	0.0027	mg/kg	NA	NA	NA	NA	NA	NA	
1,1-Dichloroethene	ND	0.050	0.0043	mg/kg	NA	NA	NA	NA	NA	NA	
1,1-Dichloropropene	ND	0.050	0.0037	mg/kg	NA	NA	NA	NA	NA	NA	
1,2,3-Trichlorobenzene	ND	0.050	0.0055	mg/kg	NA	NA	NA	NA	NA	NA	
1,2,3-Trichloropropane	ND	0.050	0.015	mg/kg	NA	NA	NA	NA	NA	NA	
1,2,4-Trichlorobenzene	ND	0.050	0.0072	mg/kg	NA	NA	NA	NA	NA	NA	
1,2,4-Trimethylbenzene	ND	0.050	0.0035	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Dibromo-3-chloropropane	ND	0.050	0.020	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Dibromoethane	ND	0.050	0.0032	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	ND	0.050	0.0059	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Dichloroethane	ND	0.050	0.0027	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Dichloropropane	ND	0.050	0.0025	mg/kg	NA	NA	NA	NA	NA	NA	
1,3,5-Trimethylbenzene	ND	0.050	0.0049	mg/kg	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	ND	0.050	0.0042	mg/kg	NA	NA	NA	NA	NA	NA	
1,3-Dichloropropane	ND	0.050	0.0063	mg/kg	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	ND	0.050	0.0060	mg/kg	NA	NA	NA	NA	NA	NA	
2,2-Dichloropropane	ND	0.050	0.0052	mg/kg	NA	NA	NA	NA	NA	NA	
2-Butanone (MEK)	ND	0.50	0.066	mg/kg	NA	NA	NA	NA	NA	NA	
2-Chlorotoluene	ND	0.050	0.0097	mg/kg	NA	NA	NA	NA	NA	NA	
4-Chlorotoluene	ND	0.050	0.0066	mg/kg	NA	NA	NA	NA	NA	NA	
4-Isopropyltoluene	ND	0.050	0.0029	mg/kg	NA	NA	NA	NA	NA	NA	
Acetone	ND	1.0	0.077	mg/kg	NA	NA	NA	NA	NA	NA	
Allyl Chloride	ND	0.050	0.013	mg/kg	NA	NA	NA	NA	NA	NA	
Benzene	ND	0.050	0.0022	mg/kg	NA	NA	NA	NA	NA	NA	
Bromobenzene	ND	0.050	0.0074	mg/kg	NA	NA	NA	NA	NA	NA	
Bromochloromethane	ND	0.050	0.011	mg/kg	NA	NA	NA	NA	NA	NA	
Bromodichloromethane	ND	0.050	0.0053	mg/kg	NA	NA	NA	NA	NA	NA	
Bromoform	ND	0.25	0.0064	mg/kg	NA	NA	NA	NA	NA	NA	
Bromomethane	ND	0.050	0.0068	mg/kg	NA	NA	NA	NA	NA	NA	
Carbon Tetrachloride	ND	0.050	0.0028	mg/kg	NA	NA	NA	NA	NA	NA	
Chlorobenzene	ND	0.050	0.0021	mg/kg	NA	NA	NA	NA	NA	NA	
Chlorodibromomethane	ND	0.050	0.0015	mg/kg	NA	NA	NA	NA	NA	NA	
Chloroethane	ND	0.050	0.0056	mg/kg	NA	NA	NA	NA	NA	NA	
Chloroform	ND	0.050	0.0058	mg/kg	NA	NA	NA	NA	NA	NA	

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Service Engineering Group	Client Ref:05017-0207	Work Order #: 0506008
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5K0420 - EPA 5035

Method Blank (B5K0420-BLK1) Prepared & Analyzed: 11/21/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	ND	0.050	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
cis-1,2-Dichloroethene	ND	0.050	0.0052	mg/kg	NA	NA	NA	NA	NA	NA	
cis-1,3-Dichloropropene	ND	0.050	0.0020	mg/kg	NA	NA	NA	NA	NA	NA	
Dibromomethane	ND	0.050	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Dichlorodifluoromethane	ND	0.050	0.0063	mg/kg	NA	NA	NA	NA	NA	NA	
Dichlorofluoromethane	ND	0.050	0.0052	mg/kg	NA	NA	NA	NA	NA	NA	
Ethyl Ether	ND	0.050	0.015	mg/kg	NA	NA	NA	NA	NA	NA	
Ethylbenzene	ND	0.050	0.0053	mg/kg	NA	NA	NA	NA	NA	NA	
Hexachlorobutadiene	ND	0.10	0.012	mg/kg	NA	NA	NA	NA	NA	NA	
Isopropylbenzene	ND	0.050	0.0032	mg/kg	NA	NA	NA	NA	NA	NA	
m,p-Xylenes	ND	0.050	0.0063	mg/kg	NA	NA	NA	NA	NA	NA	
Methyl Isobutyl Ketone	ND	0.25	0.021	mg/kg	NA	NA	NA	NA	NA	NA	
Methylene chloride	ND	0.25	0.032	mg/kg	NA	NA	NA	NA	NA	NA	
Methyl-t-butyl ether	ND	0.050	0.0060	mg/kg	NA	NA	NA	NA	NA	NA	
Naphthalene	ND	0.050	0.0050	mg/kg	NA	NA	NA	NA	NA	NA	
n-Butylbenzene	ND	0.050	0.0061	mg/kg	NA	NA	NA	NA	NA	NA	
n-Propylbenzene	ND	0.050	0.0052	mg/kg	NA	NA	NA	NA	NA	NA	
o-Xylene	ND	0.050	0.0070	mg/kg	NA	NA	NA	NA	NA	NA	
sec-Butylbenzene	ND	0.050	0.0021	mg/kg	NA	NA	NA	NA	NA	NA	
Styrene	ND	0.050	0.0023	mg/kg	NA	NA	NA	NA	NA	NA	
tert-Butylbenzene	ND	0.050	0.0051	mg/kg	NA	NA	NA	NA	NA	NA	
Tetrachloroethene	ND	0.10	0.0095	mg/kg	NA	NA	NA	NA	NA	NA	
Tetrahydrofuran	ND	0.25	0.058	mg/kg	NA	NA	NA	NA	NA	NA	
Toluene	ND	0.050	0.0086	mg/kg	NA	NA	NA	NA	NA	NA	
trans-1,2-Dichloroethene	ND	0.050	0.0068	mg/kg	NA	NA	NA	NA	NA	NA	
trans-1,3-Dichloropropene	ND	0.050	0.0059	mg/kg	NA	NA	NA	NA	NA	NA	
Trichloroethene	ND	0.050	0.0037	mg/kg	NA	NA	NA	NA	NA	NA	
Trichlorofluoromethane	ND	0.050	0.0095	mg/kg	NA	NA	NA	NA	NA	NA	
Vinyl chloride	ND	0.050	0.012	mg/kg	NA	NA	NA	NA	NA	NA	
Surrogate: 1,2-Dichloroethane-d4	*26.1*			ug/L	*25.0*	*NA*	*104*	*81-127*			
Surrogate: 4-Bromofluorobenzene	*23.0*			ug/L	*25.0*	*NA*	*92.0*	*74-117*			
Surrogate: Dibromofluoromethane	*24.1*			ug/L	*25.0*	*NA*	*96.4*	*79-127*			
Surrogate: Toluene-d8	*25.5*			ug/L	*25.0*	*NA*	*102*	*82-115*			

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Service Engineering Group	Client Ref:05017-0207	Work Order #: 0506008
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5K0420 - EPA 5035

Laboratory Control Sample (B5K0420-BS1) Prepared & Analyzed: 11/21/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	1.24	0.050	0.0071	mg/kg	1.25	NA	99.2	80-120	NA	NA	
1,1,1-Trichloroethane	1.26	0.050	0.0030	mg/kg	1.25	NA	101	80-120	NA	NA	
1,1,2,2-Tetrachloroethane	1.30	0.050	0.012	mg/kg	1.25	NA	104	80-120	NA	NA	
1,1,2-Trichloroethane	1.32	0.050	0.010	mg/kg	1.25	NA	106	80-120	NA	NA	
1,1,2-Trichlorotrifluoroethane	1.29	0.050	0.0058	mg/kg	1.25	NA	103	80-120	NA	NA	
1,1-Dichloroethane	1.26	0.050	0.0027	mg/kg	1.25	NA	101	80-120	NA	NA	
1,1-Dichloroethene	1.31	0.050	0.0043	mg/kg	1.25	NA	105	80-120	NA	NA	
1,1-Dichloropropene	1.23	0.050	0.0037	mg/kg	1.25	NA	98.4	80-120	NA	NA	
1,2,3-Trichlorobenzene	1.35	0.050	0.0055	mg/kg	1.25	NA	108	80-120	NA	NA	
1,2,3-Trichloropropane	1.33	0.050	0.015	mg/kg	1.25	NA	106	80-120	NA	NA	
1,2,4-Trichlorobenzene	1.33	0.050	0.0072	mg/kg	1.25	NA	106	80-120	NA	NA	
1,2,4-Trimethylbenzene	1.26	0.050	0.0035	mg/kg	1.25	NA	101	80-120	NA	NA	
1,2-Dibromo-3-chloropropane	1.26	0.050	0.020	mg/kg	1.25	NA	101	80-120	NA	NA	
1,2-Dibromoethane	1.23	0.050	0.0032	mg/kg	1.25	NA	98.4	80-120	NA	NA	
1,2-Dichlorobenzene	1.22	0.050	0.0059	mg/kg	1.25	NA	97.6	80-120	NA	NA	
1,2-Dichloroethane	1.24	0.050	0.0027	mg/kg	1.25	NA	99.2	80-120	NA	NA	
1,2-Dichloropropane	1.31	0.050	0.0025	mg/kg	1.25	NA	105	80-120	NA	NA	
1,3,5-Trimethylbenzene	1.27	0.050	0.0049	mg/kg	1.25	NA	102	80-120	NA	NA	
1,3-Dichlorobenzene	1.32	0.050	0.0042	mg/kg	1.25	NA	106	80-120	NA	NA	
1,3-Dichloropropane	1.31	0.050	0.0063	mg/kg	1.25	NA	105	80-120	NA	NA	
1,4-Dichlorobenzene	1.28	0.050	0.0060	mg/kg	1.25	NA	102	80-120	NA	NA	
2,2-Dichloropropane	1.31	0.050	0.0052	mg/kg	1.25	NA	105	80-120	NA	NA	
2-Butanone (MEK)	1.19	0.50	0.066	mg/kg	1.25	NA	95.2	80-120	NA	NA	
2-Chlorotoluene	1.25	0.050	0.0097	mg/kg	1.25	NA	100	80-120	NA	NA	
4-Chlorotoluene	1.24	0.050	0.0066	mg/kg	1.25	NA	99.2	80-120	NA	NA	
4-Isopropyltoluene	1.25	0.050	0.0029	mg/kg	1.25	NA	100	80-120	NA	NA	
Acetone	1.16	1.0	0.077	mg/kg	1.25	NA	92.8	80-120	NA	NA	
Allyl Chloride	1.25	0.050	0.013	mg/kg	1.25	NA	100	80-120	NA	NA	
Benzene	1.31	0.050	0.0022	mg/kg	1.25	NA	105	80-120	NA	NA	
Bromobenzene	1.30	0.050	0.0074	mg/kg	1.25	NA	104	80-120	NA	NA	
Bromochloromethane	1.27	0.050	0.011	mg/kg	1.25	NA	102	80-120	NA	NA	
Bromodichloromethane	1.32	0.050	0.0053	mg/kg	1.25	NA	106	80-120	NA	NA	
Bromoform	1.19	0.25	0.0064	mg/kg	1.25	NA	95.2	80-120	NA	NA	
Bromomethane	1.27	0.050	0.0068	mg/kg	1.25	NA	102	80-120	NA	NA	
Carbon Tetrachloride	1.30	0.050	0.0028	mg/kg	1.25	NA	104	80-120	NA	NA	
Chlorobenzene	1.31	0.050	0.0021	mg/kg	1.25	NA	105	80-120	NA	NA	
Chlorodibromomethane	1.22	0.050	0.0015	mg/kg	1.25	NA	97.6	80-120	NA	NA	
Chloroethane	1.17	0.050	0.0056	mg/kg	1.25	NA	93.6	80-120	NA	NA	
Chloroform	1.25	0.050	0.0058	mg/kg	1.25	NA	100	80-120	NA	NA	

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Service Engineering Group	Client Ref:05017-0207	Work Order #: 0506008
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5K0420 - EPA 5035

Laboratory Control Sample (B5K0420-BS1) Prepared & Analyzed: 11/21/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	1.11	0.050	0.010	mg/kg	1.25	NA	88.8	80-120	NA	NA	
cis-1,2-Dichloroethene	1.33	0.050	0.0052	mg/kg	1.25	NA	106	80-120	NA	NA	
cis-1,3-Dichloropropene	1.24	0.050	0.0020	mg/kg	1.25	NA	99.2	80-120	NA	NA	
Dibromomethane	1.27	0.050	0.010	mg/kg	1.25	NA	102	80-120	NA	NA	
Dichlorodifluoromethane	1.19	0.050	0.0063	mg/kg	1.25	NA	95.2	80-120	NA	NA	
Dichlorofluoromethane	1.14	0.050	0.0052	mg/kg	1.25	NA	91.2	80-120	NA	NA	
Ethyl Ether	1.20	0.050	0.015	mg/kg	1.25	NA	96.0	80-120	NA	NA	
Ethylbenzene	1.29	0.050	0.0053	mg/kg	1.25	NA	103	80-120	NA	NA	
Hexachlorobutadiene	1.36	0.10	0.012	mg/kg	1.25	NA	109	80-120	NA	NA	
Isopropylbenzene	1.27	0.050	0.0032	mg/kg	1.25	NA	102	80-120	NA	NA	
m,p-Xylenes	2.48	0.050	0.0063	mg/kg	2.50	NA	99.2	80-120	NA	NA	
Methyl Isobutyl Ketone	1.15	0.25	0.021	mg/kg	1.25	NA	92.0	80-120	NA	NA	
Methylene chloride	1.17	0.25	0.032	mg/kg	1.25	NA	93.6	80-120	NA	NA	
Methyl-t-butyl ether	1.23	0.050	0.0060	mg/kg	1.25	NA	98.4	80-120	NA	NA	
Naphthalene	1.33	0.050	0.0050	mg/kg	1.25	NA	106	80-120	NA	NA	
n-Butylbenzene	1.29	0.050	0.0061	mg/kg	1.25	NA	103	80-120	NA	NA	
n-Propylbenzene	1.23	0.050	0.0052	mg/kg	1.25	NA	98.4	80-120	NA	NA	
o-Xylene	1.24	0.050	0.0070	mg/kg	1.25	NA	99.2	80-120	NA	NA	
sec-Butylbenzene	1.28	0.050	0.0021	mg/kg	1.25	NA	102	80-120	NA	NA	
Styrene	1.24	0.050	0.0023	mg/kg	1.25	NA	99.2	80-120	NA	NA	
tert-Butylbenzene	1.25	0.050	0.0051	mg/kg	1.25	NA	100	80-120	NA	NA	
Tetrachloroethene	1.23	0.10	0.0095	mg/kg	1.25	NA	98.4	80-120	NA	NA	
Tetrahydrofuran	1.15	0.25	0.058	mg/kg	1.25	NA	92.0	80-120	NA	NA	
Toluene	1.33	0.050	0.0086	mg/kg	1.25	NA	106	80-120	NA	NA	
trans-1,2-Dichloroethene	1.34	0.050	0.0068	mg/kg	1.25	NA	107	80-120	NA	NA	
trans-1,3-Dichloropropene	1.24	0.050	0.0059	mg/kg	1.25	NA	99.2	80-120	NA	NA	
Trichloroethene	1.22	0.050	0.0037	mg/kg	1.25	NA	97.6	80-120	NA	NA	
Trichlorofluoromethane	1.24	0.050	0.0095	mg/kg	1.25	NA	99.2	80-120	NA	NA	
Vinyl chloride	1.12	0.050	0.012	mg/kg	1.25	NA	89.6	80-120	NA	NA	
Surrogate: 1,2-Dichloroethane-d4	*24.1*			ug/L	*25.0*	*NA*	*96.4*	*81-127*			
Surrogate: 4-Bromofluorobenzene	*26.1*			ug/L	*25.0*	*NA*	*104*	*74-117*			
Surrogate: Dibromofluoromethane	*25.0*			ug/L	*25.0*	*NA*	*100*	*79-127*			
Surrogate: Toluene-d8	*25.4*			ug/L	*25.0*	*NA*	*102*	*82-115*			

The results in this report apply only to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:05017-0207	Work Order #: 0506008
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5K0420 - EPA 5035

Laboratory Control Sample Duplicate (B5K0420-BSD1) Prepared & Analyzed: 11/21/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	1.22	0.050	0.0071	mg/kg	1.25	NA	97.6	80-120	1.63	20	
1,1,1-Trichloroethane	1.24	0.050	0.0030	mg/kg	1.25	NA	99.2	80-120	1.60	20	
1,1,2,2-Tetrachloroethane	1.27	0.050	0.012	mg/kg	1.25	NA	102	80-120	2.33	20	
1,1,2-Trichloroethane	1.30	0.050	0.010	mg/kg	1.25	NA	104	80-120	1.53	20	
1,1,2-Trichlorotrifluoroethane	1.24	0.050	0.0058	mg/kg	1.25	NA	99.2	80-120	3.95	20	
1,1-Dichloroethane	1.23	0.050	0.0027	mg/kg	1.25	NA	98.4	80-120	2.41	20	
1,1-Dichloroethene	1.32	0.050	0.0043	mg/kg	1.25	NA	106	80-120	0.760	20	
1,1-Dichloropropene	1.20	0.050	0.0037	mg/kg	1.25	NA	96.0	80-120	2.47	20	
1,2,3-Trichlorobenzene	1.40	0.050	0.0055	mg/kg	1.25	NA	112	80-120	3.64	20	
1,2,3-Trichloropropane	1.33	0.050	0.015	mg/kg	1.25	NA	106	80-120	0.00	20	
1,2,4-Trichlorobenzene	1.34	0.050	0.0072	mg/kg	1.25	NA	107	80-120	0.749	20	
1,2,4-Trimethylbenzene	1.26	0.050	0.0035	mg/kg	1.25	NA	101	80-120	0.00	20	
1,2-Dibromo-3-chloropropane	1.26	0.050	0.020	mg/kg	1.25	NA	101	80-120	0.00	20	
1,2-Dibromoethane	1.22	0.050	0.0032	mg/kg	1.25	NA	97.6	80-120	0.816	20	
1,2-Dichlorobenzene	1.22	0.050	0.0059	mg/kg	1.25	NA	97.6	80-120	0.00	20	
1,2-Dichloroethane	1.24	0.050	0.0027	mg/kg	1.25	NA	99.2	80-120	0.00	20	
1,2-Dichloropropane	1.26	0.050	0.0025	mg/kg	1.25	NA	101	80-120	3.89	20	
1,3,5-Trimethylbenzene	1.26	0.050	0.0049	mg/kg	1.25	NA	101	80-120	0.791	20	
1,3-Dichlorobenzene	1.29	0.050	0.0042	mg/kg	1.25	NA	103	80-120	2.30	20	
1,3-Dichloropropane	1.31	0.050	0.0063	mg/kg	1.25	NA	105	80-120	0.00	20	
1,4-Dichlorobenzene	1.27	0.050	0.0060	mg/kg	1.25	NA	102	80-120	0.784	20	
2,2-Dichloropropane	1.28	0.050	0.0052	mg/kg	1.25	NA	102	80-120	2.32	20	
2-Butanone (MEK)	1.28	0.50	0.066	mg/kg	1.25	NA	102	80-120	7.29	20	
2-Chlorotoluene	1.21	0.050	0.0097	mg/kg	1.25	NA	96.8	80-120	3.25	20	
4-Chlorotoluene	1.21	0.050	0.0066	mg/kg	1.25	NA	96.8	80-120	2.45	20	
4-Isopropyltoluene	1.24	0.050	0.0029	mg/kg	1.25	NA	99.2	80-120	0.803	20	
Acetone	1.13	1.0	0.077	mg/kg	1.25	NA	90.4	80-120	2.62	20	
Allyl Chloride	1.23	0.050	0.013	mg/kg	1.25	NA	98.4	80-120	1.61	20	
Benzene	1.28	0.050	0.0022	mg/kg	1.25	NA	102	80-120	2.32	20	
Bromobenzene	1.29	0.050	0.0074	mg/kg	1.25	NA	103	80-120	0.772	20	
Bromochloromethane	1.29	0.050	0.011	mg/kg	1.25	NA	103	80-120	1.56	20	
Bromodichloromethane	1.27	0.050	0.0053	mg/kg	1.25	NA	102	80-120	3.86	20	
Bromoform	1.17	0.25	0.0064	mg/kg	1.25	NA	93.6	80-120	1.69	20	
Bromomethane	1.24	0.050	0.0068	mg/kg	1.25	NA	99.2	80-120	2.39	20	
Carbon Tetrachloride	1.26	0.050	0.0028	mg/kg	1.25	NA	101	80-120	3.12	20	
Chlorobenzene	1.29	0.050	0.0021	mg/kg	1.25	NA	103	80-120	1.54	20	
Chlorodibromomethane	1.22	0.050	0.0015	mg/kg	1.25	NA	97.6	80-120	0.00	20	
Chloroethane	1.14	0.050	0.0056	mg/kg	1.25	NA	91.2	80-120	2.60	20	
Chloroform	1.23	0.050	0.0058	mg/kg	1.25	NA	98.4	80-120	1.61	20	

The results in this report apply only to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:05017-0207	Work Order #: 0506008
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5K0420 - EPA 5035

Laboratory Control Sample Duplicate (B5K0420-BSD1) Prepared & Analyzed: 11/21/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	1.07	0.050	0.010	mg/kg	1.25	NA	85.6	80-120	3.67	20	
cis-1,2-Dichloroethene	1.31	0.050	0.0052	mg/kg	1.25	NA	105	80-120	1.52	20	
cis-1,3-Dichloropropene	1.22	0.050	0.0020	mg/kg	1.25	NA	97.6	80-120	1.63	20	
Dibromomethane	1.24	0.050	0.010	mg/kg	1.25	NA	99.2	80-120	2.39	20	
Dichlorodifluoromethane	1.16	0.050	0.0063	mg/kg	1.25	NA	92.8	80-120	2.55	20	
Dichlorofluoromethane	1.13	0.050	0.0052	mg/kg	1.25	NA	90.4	80-120	0.881	20	
Ethyl Ether	1.19	0.050	0.015	mg/kg	1.25	NA	95.2	80-120	0.837	20	
Ethylbenzene	1.25	0.050	0.0053	mg/kg	1.25	NA	100	80-120	3.15	20	
Hexachlorobutadiene	1.36	0.10	0.012	mg/kg	1.25	NA	109	80-120	0.00	20	
Isopropylbenzene	1.23	0.050	0.0032	mg/kg	1.25	NA	98.4	80-120	3.20	20	
m,p-Xylenes	2.39	0.050	0.0063	mg/kg	2.50	NA	95.6	80-120	3.70	20	
Methyl Isobutyl Ketone	1.14	0.25	0.021	mg/kg	1.25	NA	91.2	80-120	0.873	20	
Methylene chloride	1.18	0.25	0.032	mg/kg	1.25	NA	94.4	80-120	0.851	20	
Methyl-t-butyl ether	1.21	0.050	0.0060	mg/kg	1.25	NA	96.8	80-120	1.64	20	
Naphthalene	1.36	0.050	0.0050	mg/kg	1.25	NA	109	80-120	2.23	20	
n-Butylbenzene	1.28	0.050	0.0061	mg/kg	1.25	NA	102	80-120	0.778	20	
n-Propylbenzene	1.22	0.050	0.0052	mg/kg	1.25	NA	97.6	80-120	0.816	20	
o-Xylene	1.20	0.050	0.0070	mg/kg	1.25	NA	96.0	80-120	3.28	20	
sec-Butylbenzene	1.26	0.050	0.0021	mg/kg	1.25	NA	101	80-120	1.57	20	
Styrene	1.20	0.050	0.0023	mg/kg	1.25	NA	96.0	80-120	3.28	20	
tert-Butylbenzene	1.25	0.050	0.0051	mg/kg	1.25	NA	100	80-120	0.00	20	
Tetrachloroethene	1.22	0.10	0.0095	mg/kg	1.25	NA	97.6	80-120	0.816	20	
Tetrahydrofuran	1.17	0.25	0.058	mg/kg	1.25	NA	93.6	80-120	1.72	20	
Toluene	1.31	0.050	0.0086	mg/kg	1.25	NA	105	80-120	1.52	20	
trans-1,2-Dichloroethene	1.34	0.050	0.0068	mg/kg	1.25	NA	107	80-120	0.00	20	
trans-1,3-Dichloropropene	1.22	0.050	0.0059	mg/kg	1.25	NA	97.6	80-120	1.63	20	
Trichloroethene	1.18	0.050	0.0037	mg/kg	1.25	NA	94.4	80-120	3.33	20	
Trichlorofluoromethane	1.19	0.050	0.0095	mg/kg	1.25	NA	95.2	80-120	4.12	20	
Vinyl chloride	1.14	0.050	0.012	mg/kg	1.25	NA	91.2	80-120	1.77	20	
Surrogate: 1,2-Dichloroethane-d4	*23.9*			ug/L	*25.0*	*NA*	*95.6*	*81-127*			
Surrogate: 4-Bromofluorobenzene	*26.0*			ug/L	*25.0*	*NA*	*104*	*74-117*			
Surrogate: Dibromofluoromethane	*25.1*			ug/L	*25.0*	*NA*	*100*	*79-127*			
Surrogate: Toluene-d8	*25.1*			ug/L	*25.0*	*NA*	*100*	*82-115*			

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
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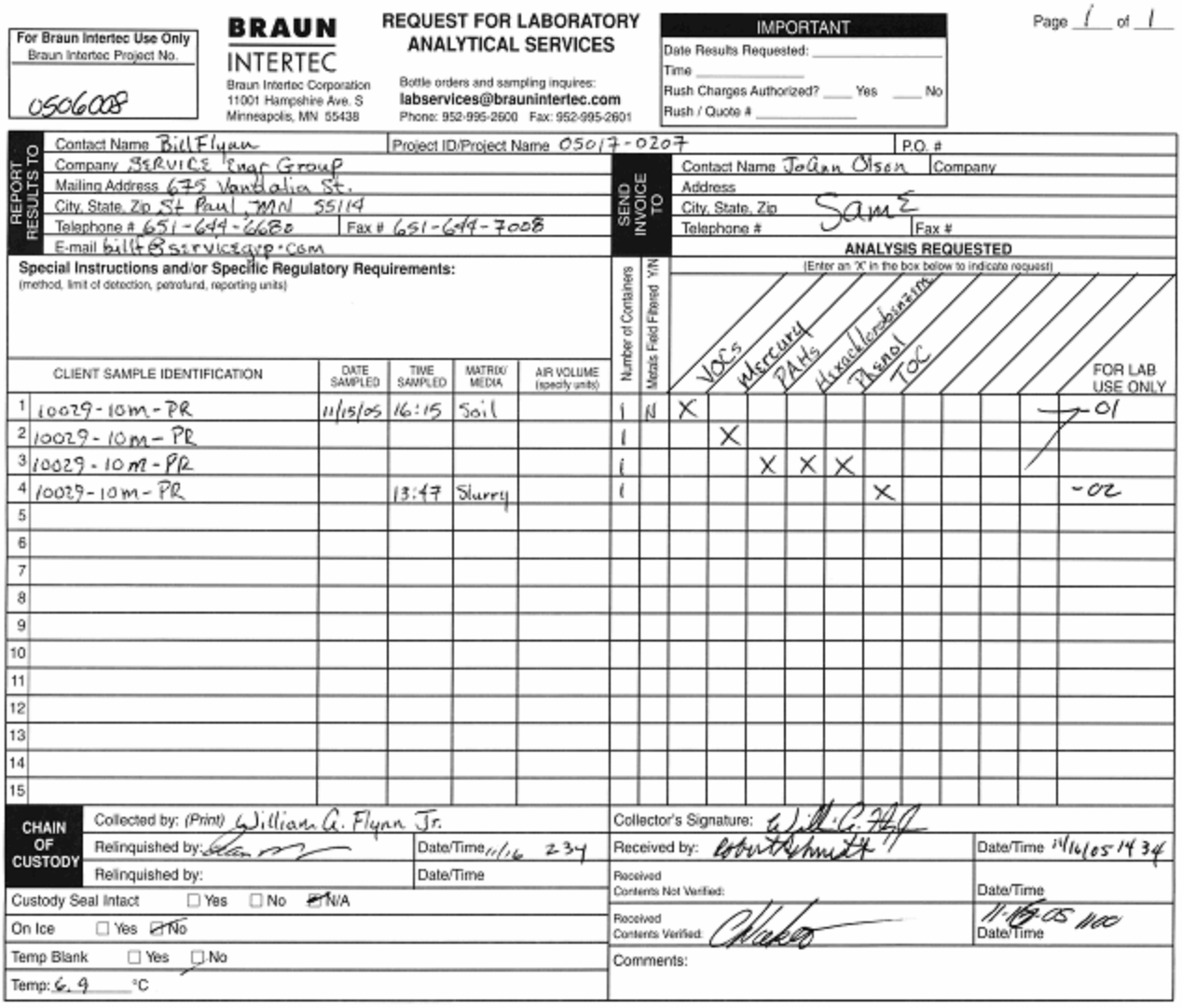
Service Engineering Group	Client Ref:05017-0207	Work Order #: 0506008
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003



For Braun Intertec Use Only
Braun Intertec Project No.
0506008

BRAUN INTERTEC
Braun Intertec Corporation
11001 Hampshire Ave. S
Minneapolis, MN 55438

REQUEST FOR LABORATORY ANALYTICAL SERVICES

Bottle orders and sampling inquires:
labservices@braunintertec.com
Phone: 952-995-2600 Fax: 952-995-2601

IMPORTANT
Date Results Requested:
Time
Rush Charges Authorized? ___ Yes ___ No
Rush / Quote #

Page 1 of 1

REPORT RESULTS TO
Contact Name Bill Flynn
Company Service Engr Group
Mailing Address 675 Vandalia St.
City, State, Zip St Paul, MN 55114
Telephone # 651-644-6680 Fax # 651-644-7008
E-mail billf@serviceeng.com

Project ID/Project Name 05017-0207
P.O. #

SEND INVOICE TO
Contact Name JoAnn Olsen
Company
Address
City, State, Zip Same
Telephone #
Fax #

Special Instructions and/or Specific Regulatory Requirements:
(method, limit of detection, petrofund, reporting units)

ANALYSIS REQUESTED
(Enter an 'X' in the box below to indicate request)

	CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)	Number of Containers	Metals Field Filtered Y/N	VOCs	Mercury	PAHs	Hexachlorobenzene	Phenol	TOC	FOR LAB USE ONLY
1	10029-10m-PR	11/15/05	16:15	Soil		1	N	X						-01
2	10029-10m-PR					1			X					
3	10029-10m-PR					1				X	X	X		
4	10029-10m-PR		13:47	Slurry		1							X	-02
5														
6														
7														
8														
9														
10														
11														
12														
13														
14														
15														

CHAIN OF CUSTODY
Collected by: (Print) William A. Flynn Jr.
Collector's Signature:
Relinquished by: Date/Time 11/16 234
Received by: Date/Time 11/16/05 1434
Relinquished by: Date/Time
Received Contents Not Verified: Date/Time
Custody Seal Intact ☐ Yes ☐ No ☑ N/A
On Ice ☐ Yes ☑ No
Received Contents Verified: Date/Time 11-16-05 1100
Temp Blank ☐ Yes ☐ No
Temp: 6.9 °C
Comments:

Form # CS02-01 F:\Groups\QA-QC\Forms\clientservices\COC-CS02 Effective Date: 7/22/05

BRAUN INTERTEC

Braun Intertec Corporation
11001 Hampshire Avenue S
Minneapolis, MN 55438

Phone: 952.995.2000
Fax: 952.995.2020
Web: brauninterteс.com

Mr. Bill Flynn
Service Engineering Group
675 Vandalia Street
St. Paul, MN 55114-1312

December 07, 2005

Work Order #: 0506016

RE: 05500

Dear Mr. Bill Flynn

Braun Intertec Corporation received samples for the project identified above on 11/16/05 14:34. Analytical results are summarized in the following report.

All routine quality assurance procedures were followed, unless otherwise noted.

Where possible, the samples will be retained by the laboratory for 14 days following issuance of the initial final report. The samples will be disposed of or returned at that time.

We appreciate your decision to use Braun Intertec Corporation for this project. We are committed to being your vendor of choice to meet your analytical chemistry needs.

If you have any questions please contact me at the above phone number.

Sincerely,
BRAUN INTERTEC CORPORATION

Steven J. Albrecht
Associate Principal

AIHA Environmental Lead and Industrial Hygiene ACCREDITED LABORATORY
AIHA 101103

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:	05500	Work Order #:	0506016
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

Qualifiers and Abbreviations

ir	The recovery study yielded results of <75%. Per the NIOSH Manual of Analytical Methods, the result is considered semi-quantitative.
ia	The back section of the sample tube contained greater than 10 percent of the amount collected on the front section. This indicates possible analyte breakthrough (loss) during field sampling.
COC	Chain of Custody
MRL	Method Reporting Limit
ppm	Parts per million in Air
NA	Not Applicable
NR	Not Reported
%Rec	Percent Recovery
RPD	Relative Percent Difference

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref: 05500	Work Order #: 0506016
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

SAMPLE SUMMARY

Sample ID	Laboratory ID	Matrix	Air Volume (L) / Time (Min)	Date Sampled	Date Received
10029-IN-(0-2) Front	0506016-01	Air Tube	300	11/14/05 14:43	11/16/05 14:34
10029-IN-(0-2) Front	0506016-02	Air Tube	301.2	11/14/05 14:43	11/16/05 14:34
10029-IN-(0-2) Front	0506016-03	Air	303.6	11/14/05 14:43	11/16/05 14:34
10029-IN-(0-2) Front	0506016-04	Air Tube	301.2	11/14/05 14:43	11/16/05 14:34
10029-IN-(0-2) Front	0506016-05	Air Tube	304.8	11/14/05 14:43	11/16/05 14:34
10029-IN-(2-6) Front	0506016-06	Air Tube	600	11/14/05 20:50	11/16/05 14:34
10029-IN-(2-6) Front	0506016-07	Air Tube	602.4	11/14/05 20:50	11/16/05 14:34
10029-IN-(2-6) Front	0506016-08	Air	607.2	11/14/05 20:50	11/16/05 14:34
10029-IN-(2-6) Front	0506016-09	Air Tube	602.4	11/14/05 20:50	11/16/05 14:34
10029-IN-(2-6) Front	0506016-10	Air Tube	609.6	11/14/05 20:50	11/16/05 14:34
10029-IN-(6-22) Front	0506016-11	Air Tube	2400	11/15/05 12:43	11/16/05 14:34
10029-IN-(6-22) Front	0506016-12	Air Tube	2410	11/15/05 12:43	11/16/05 14:34
10029-IN-(6-22) Front	0506016-13	Air	2429	11/15/05 12:43	11/16/05 14:34
10029-IN-(6-22) Front	0506016-14	Air Tube	2410	11/15/05 12:43	11/16/05 14:34
10029-IN-(6-22) Front	0506016-15	Air Tube	2438	11/15/05 12:43	11/16/05 14:34
10029-IN-(0-2) Back	0506016-16	Air Tube	300	11/14/05 14:43	11/16/05 14:34
10029-IN-(0-2) Back	0506016-17	Air Tube	301.2	11/14/05 14:43	11/16/05 14:34
10029-IN-(0-2) Back	0506016-18	Air	303.6	11/14/05 14:43	11/16/05 14:34
10029-IN-(0-2) Back	0506016-19	Air Tube	301.2	11/14/05 14:43	11/16/05 14:34
10029-IN-(0-2) Back	0506016-20	Air Tube	304.8	11/14/05 14:43	11/16/05 14:34
10029-IN-(2-6) Back	0506016-21	Air Tube	600	11/14/05 20:50	11/16/05 14:34
10029-IN-(2-6) Back	0506016-22	Air Tube	602.4	11/14/05 20:50	11/16/05 14:34
10029-IN-(2-6) Back	0506016-23	Air	607.2	11/14/05 20:50	11/16/05 14:34
10029-IN-(2-6) Back	0506016-24	Air Tube	602.4	11/14/05 20:50	11/16/05 14:34
10029-IN-(2-6) Back	0506016-25	Air Tube	609.6	11/14/05 20:50	11/16/05 14:34
10029-IN-(6-22) Back	0506016-26	Air Tube	2400	11/15/05 12:43	11/16/05 14:34
10029-IN-(6-22) Back	0506016-27	Air Tube	2410	11/15/05 12:43	11/16/05 14:34
10029-IN-(6-22) Back	0506016-28	Air	2429	11/15/05 12:43	11/16/05 14:34

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Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:	05500	Work Order #: 0506016
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID: CVXX-96-003

10029-IN-(6-22) Back	0506016-29	Air Tube	2410	11/15/05 12:43	11/16/05 14:34
10029-IN-(6-22) Back	0506016-30	Air Tube	2438	11/15/05 12:43	11/16/05 14:34

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref: 05500	Work Order #: 0506016
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-IN-(0-2) Front

0506016-01 (Air Tube)

11/14/05 14:43

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
1,2,3-Trichlorobenzene	< 11.7	11.7	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
1,2,4-Trichlorobenzene	< 11.3	11.3	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
1,3,5-Trichlorobenzene	< 11.7	11.7	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
1,4-Dichlorobenzene	< 11.6	11.6	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
1,1,1-Trichloroethane	< 9.71	9.71	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
2-Ethoxyethyl Acetate	< 12.3	12.3	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Acetone	< 11.0	11.0	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Benzene	< 4.95	4.95	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Chlorobenzene	< 10.2	10.2	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Chloroform	< 10.2	10.2	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Ethanol	**44.9**	14.3	ug/m³	1	11/22/05	11/22/05	IHVOCS1	ir
Ethyl Acetate	< 10.2	10.2	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Ethyl Benzene	< 9.80	9.80	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Isobutanol	< 11.5	11.5	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Isopropanol	< 12.8	12.8	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Methyl Ethyl Ketone	< 11.2	11.2	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Methyl Isobutyl Ketone	< 10.2	10.2	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Methylene Chloride	< 9.80	9.80	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
n-Butyl Acetate	< 10.1	10.1	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
n-Hexane	< 9.71	9.71	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Stoddard Solvent	< 49.5	49.5	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Styrene	< 13.0	13.0	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Tetrachloroethene	< 9.90	9.90	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Tetrahydrofuran	< 10.2	10.2	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Toluene	< 10.1	10.1	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
TPH as Gasoline	< 51.0	51.0	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Trichloroethene	< 10.0	10.0	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
VM&P Naphtha	< 48.1	48.1	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Xylenes, Total	< 10.0	10.0	ug/m³	1	11/22/05	11/22/05	IHVOCS1	

BRAUN INTERTEC

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506016
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-IN-(0-2) Front

0506016-02 (Air Tube)

11/14/05 14:43

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Acenaphthene	< 3.67	3.67	ug/m³	1	11/22/05	11/22/05	NIOSH 5506	
Acenaphthylene	< 3.38	3.38	ug/m³	1	11/22/05	11/22/05	NIOSH 5506	
Anthracene	< 3.66	3.66	ug/m³	1	11/22/05	11/22/05	NIOSH 5506	
Benz(a)anthracene	< 3.96	3.96	ug/m³	1	11/22/05	11/22/05	NIOSH 5506	
Benzo(a)pyrene	< 4.19	4.19	ug/m³	1	11/22/05	11/22/05	NIOSH 5506	
Benzo(b)fluoranthene	< 4.14	4.14	ug/m³	1	11/22/05	11/22/05	NIOSH 5506	
Benzo(g,h,i)perylene	< 5.12	5.12	ug/m³	1	11/22/05	11/22/05	NIOSH 5506	
Benzo(k)fluoranthene	< 4.19	4.19	ug/m³	1	11/22/05	11/22/05	NIOSH 5506	
Chrysene	< 3.98	3.98	ug/m³	1	11/22/05	11/22/05	NIOSH 5506	
Dibenz(a,h)anthracene	< 4.27	4.27	ug/m³	1	11/22/05	11/22/05	NIOSH 5506	
Fluoranthene	< 3.79	3.79	ug/m³	1	11/22/05	11/22/05	NIOSH 5506	
Fluorene	< 3.60	3.60	ug/m³	1	11/22/05	11/22/05	NIOSH 5506	
Indeno(1,2,3-cd)pyrene	< 4.50	4.50	ug/m³	1	11/22/05	11/22/05	NIOSH 5506	
Naphthalene	< 3.68	3.68	ug/m³	1	11/22/05	11/22/05	NIOSH 5506	
Phenanthrene	< 3.68	3.68	ug/m³	1	11/22/05	11/22/05	NIOSH 5506	
Pyrene	< 3.85	3.85	ug/m³	1	11/22/05	11/22/05	NIOSH 5506	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506016
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-IN-(0-2) Front

0506016-03 (Air)

11/14/05 14:43

Metals

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Mercury	< 0.066	0.066	ug/m³	1	11/29/05	11/29/05	OSHA ID-145	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506016
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-IN-(0-2) Front

0506016-04 (Air Tube)

11/14/05 14:43

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Hexachlorobenzene	< 3.65	3.65	ug/m³	1	11/21/05	11/22/05	IHVOCS	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506016
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-IN-(0-2) Front

0506016-05 (Air Tube)

11/14/05 14:43

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Phenol	< 8.54	8.54	ug/m³	1	11/21/05	11/21/05	NIOSH 2546	

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Service Engineering Group	Client Ref: 05500	Work Order #: 0506016
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-IN-(2-6) Front

0506016-06 (Air Tube)

11/14/05 20:50

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
1,2,3-Trichlorobenzene	< 5.87	5.87	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
1,2,4-Trichlorobenzene	< 5.63	5.63	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
1,3,5-Trichlorobenzene	< 5.83	5.83	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
1,4-Dichlorobenzene	< 5.79	5.79	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
1,1,1-Trichloroethane	< 4.85	4.85	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
2-Ethoxyethyl Acetate	< 6.17	6.17	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Acetone	< 5.49	5.49	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Benzene	< 2.48	2.48	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Chlorobenzene	< 5.10	5.10	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Chloroform	< 5.10	5.10	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Ethanol	**21.9**	7.14	ug/m³	1	11/22/05	11/22/05	IHVOCS1	ia, ir
Ethyl Acetate	< 5.10	5.10	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Ethyl Benzene	< 4.90	4.90	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Isobutanol	< 5.75	5.75	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Isopropanol	< 6.41	6.41	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Methyl Ethyl Ketone	< 5.62	5.62	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Methyl Isobutyl Ketone	< 5.10	5.10	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Methylene Chloride	< 4.90	4.90	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
n-Butyl Acetate	< 5.05	5.05	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
n-Hexane	< 4.85	4.85	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Stoddard Solvent	< 24.8	24.8	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Styrene	< 6.49	6.49	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Tetrachloroethene	< 4.95	4.95	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Tetrahydrofuran	< 5.10	5.10	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Toluene	< 5.05	5.05	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
TPH as Gasoline	**59.4**	25.5	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Trichloroethene	< 5.00	5.00	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
VM&P Naphtha	< 24.0	24.0	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Xylenes, Total	< 5.00	5.00	ug/m³	1	11/22/05	11/22/05	IHVOCS1	

BRAUN INTERTEC

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Bloomington, MN 55438
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952-995-2020 Fax

Service Engineering Group	Client Ref:	05500	Work Order #:	0506016
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-IN-(2-6) Front

0506016-07 (Air Tube)

11/14/05 20:50

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Acenaphthene	< 1.83	1.83	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Acenaphthylene	< 1.69	1.69	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Anthracene	< 1.83	1.83	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Benz(a)anthracene	< 1.98	1.98	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Benzo(a)pyrene	< 2.09	2.09	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Benzo(b)fluoranthene	< 2.07	2.07	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Benzo(g,h,i)perylene	< 2.56	2.56	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Benzo(k)fluoranthene	< 2.10	2.10	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Chrysene	< 1.99	1.99	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Dibenz(a,h)anthracene	< 2.13	2.13	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Fluoranthene	< 1.89	1.89	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Fluorene	< 1.80	1.80	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Indeno(1,2,3-cd)pyrene	< 2.25	2.25	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Naphthalene	**2.23**	1.84	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Phenanthrene	< 1.84	1.84	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Pyrene	< 1.92	1.92	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506016
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-IN-(2-6) Front

0506016-08 (Air)

11/14/05 20:50

Metals

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Mercury	< 0.033	0.033	ug/m³	1	11/29/05	11/29/05	OSHA ID-145	

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11001 Hampshire Ave. S.
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952-995-2000 Phone
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Service Engineering Group	Client Ref:	05500	Work Order #:	0506016
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-IN-(2-6) Front

0506016-09 (Air Tube)

11/14/05 20:50

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Hexachlorobenzene	< 1.82	1.82	ug/m³	1	11/21/05	11/22/05	IHVOCS	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506016
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-IN-(2-6) Front

0506016-10 (Air Tube)

11/14/05 20:50

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Phenol	< 4.27	4.27	ug/m³	1	11/21/05	11/21/05	NIOSH 2546	

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11001 Hampshire Ave. S.
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Service Engineering Group	Client Ref: 05500	Work Order #: 0506016
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-IN-(6-22) Front

0506016-11 (Air Tube)

11/15/05 12:43

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
1,2,3-Trichlorobenzene	< 1.47	1.47	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
1,2,4-Trichlorobenzene	< 1.41	1.41	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
1,3,5-Trichlorobenzene	< 1.46	1.46	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
1,4-Dichlorobenzene	< 1.45	1.45	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
1,1,1-Trichloroethane	< 1.21	1.21	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
2-Ethoxyethyl Acetate	< 1.54	1.54	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Acetone	**3.94**	1.37	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Benzene	< 0.619	0.619	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Chlorobenzene	< 1.28	1.28	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Chloroform	< 1.28	1.28	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Ethanol	**4.54**	1.79	ug/m³	1	11/22/05	11/22/05	IHVOCS1	ir
Ethyl Acetate	< 1.28	1.28	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Ethyl Benzene	< 1.23	1.23	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Isobutanol	< 1.44	1.44	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Isopropanol	**5.68**	1.60	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Methyl Ethyl Ketone	< 1.40	1.40	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Methyl Isobutyl Ketone	< 1.28	1.28	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Methylene Chloride	< 1.23	1.23	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
n-Butyl Acetate	< 1.26	1.26	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
n-Hexane	< 1.21	1.21	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Stoddard Solvent	**8.62**	6.19	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Styrene	< 1.62	1.62	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Tetrachloroethene	< 1.24	1.24	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Tetrahydrofuran	< 1.28	1.28	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Toluene	< 1.26	1.26	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
TPH as Gasoline	**43.8**	6.38	ug/m³	1	11/22/05	11/22/05	IHVOCS1	ia
Trichloroethene	< 1.25	1.25	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
VM&P Naphtha	< 6.01	6.01	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Xylenes, Total	< 1.25	1.25	ug/m³	1	11/22/05	11/22/05	IHVOCS1	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506016
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-IN-(6-22) Front

0506016-12 (Air Tube)

11/15/05 12:43

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Acenaphthene	< 0.458	0.458	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Acenaphthylene	< 0.423	0.423	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Anthracene	< 0.457	0.457	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Benz(a)anthracene	< 0.495	0.495	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Benzo(a)pyrene	< 0.523	0.523	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Benzo(b)fluoranthene	< 0.517	0.517	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Benzo(g,h,i)perylene	< 0.639	0.639	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Benzo(k)fluoranthene	< 0.524	0.524	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Chrysene	< 0.497	0.497	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Dibenz(a,h)anthracene	< 0.533	0.533	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Fluoranthene	< 0.473	0.473	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Fluorene	< 0.450	0.450	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Indeno(1,2,3-cd)pyrene	< 0.562	0.562	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Naphthalene	**2.12**	0.460	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Phenanthrene	< 0.460	0.460	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Pyrene	< 0.481	0.481	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506016
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-IN-(6-22) Front

0506016-13 (Air)

11/15/05 12:43

Metals

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Mercury	< 0.0082	0.0082	ug/m³	1	11/29/05	11/29/05	OSHA ID-145	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506016
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-IN-(6-22) Front

0506016-14 (Air Tube)

11/15/05 12:43

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Hexachlorobenzene	< 0.456	0.456	ug/m³	1	11/21/05	11/22/05	IHVOCS	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506016
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-IN-(6-22) Front

0506016-15 (Air Tube)

11/15/05 12:43

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Phenol	**1.16**	1.07	ug/m³	1	11/21/05	11/21/05	NIOSH 2546	

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Service Engineering Group	Client Ref: 05500	Work Order #: 0506016
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-IN-(0-2) Back

0506016-16 (Air Tube)

11/14/05 14:43

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
1,2,3-Trichlorobenzene	< 11.7	11.7	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
1,2,4-Trichlorobenzene	< 11.3	11.3	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
1,3,5-Trichlorobenzene	< 11.7	11.7	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
1,4-Dichlorobenzene	< 11.6	11.6	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
1,1,1-Trichloroethane	< 9.71	9.71	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
2-Ethoxyethyl Acetate	< 12.3	12.3	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Acetone	**19.2**	11.0	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Benzene	**22.1**	4.95	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Chlorobenzene	< 10.2	10.2	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Chloroform	**59.7**	10.2	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Ethanol	**60.5**	14.3	ug/m³	1	11/22/05	11/22/05	IHVOCS1	ia, ir
Ethyl Acetate	< 10.2	10.2	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Ethyl Benzene	**12.0**	9.80	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Isobutanol	< 11.5	11.5	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Isopropanol	**29.8**	12.8	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Methyl Ethyl Ketone	< 11.2	11.2	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Methyl Isobutyl Ketone	< 10.2	10.2	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Methylene Chloride	**18.2**	9.80	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
n-Butyl Acetate	< 10.1	10.1	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
n-Hexane	**28.4**	9.71	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Stoddard Solvent	**330**	49.5	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Styrene	< 13.0	13.0	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Tetrachloroethene	< 9.90	9.90	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Tetrahydrofuran	**20.3**	10.2	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Toluene	**61.1**	10.1	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
TPH as Gasoline	**1380**	51.0	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Trichloroethene	< 10.0	10.0	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
VM&P Naphtha	< 48.1	48.1	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Xylenes, Total	**59.6**	10.0	ug/m³	1	11/22/05	11/22/05	IHVOCS1	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506016
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-IN-(0-2) Back

0506016-17 (Air Tube)

11/14/05 14:43

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Acenaphthene	< 3.67	3.67	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Acenaphthylene	< 3.38	3.38	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Anthracene	< 3.66	3.66	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Benz(a)anthracene	< 3.96	3.96	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Benzo(a)pyrene	< 4.19	4.19	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Benzo(b)fluoranthene	< 4.14	4.14	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Benzo(g,h,i)perylene	< 5.12	5.12	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Benzo(k)fluoranthene	< 4.19	4.19	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Chrysene	< 3.98	3.98	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Dibenz(a,h)anthracene	< 4.27	4.27	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Fluoranthene	< 3.79	3.79	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Fluorene	< 3.60	3.60	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Indeno(1,2,3-cd)pyrene	< 4.50	4.50	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Naphthalene	**9.15**	3.68	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Phenanthrene	< 3.68	3.68	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Pyrene	< 3.85	3.85	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506016
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-IN-(0-2) Back

0506016-18 (Air)

11/14/05 14:43

Metals

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Mercury	< 0.066	0.066	ug/m³	1	11/29/05	11/29/05	OSHA ID-145	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506016
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-IN-(0-2) Back

0506016-19 (Air Tube)

11/14/05 14:43

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Hexachlorobenzene	< 3.65	3.65	ug/m³	1	11/21/05	11/22/05	IHVOCS	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506016
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-IN-(0-2) Back

0506016-20 (Air Tube)

11/14/05 14:43

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Phenol	< 8.54	8.54	ug/m³	1	11/21/05	11/21/05	NIOSH 2546	

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Service Engineering Group	Client Ref: 05500	Work Order #: 0506016
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-IN-(2-6) Back

0506016-21 (Air Tube)

11/14/05 20:50

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
1,2,3-Trichlorobenzene	< 5.87	5.87	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
1,2,4-Trichlorobenzene	< 5.63	5.63	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
1,3,5-Trichlorobenzene	< 5.83	5.83	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
1,4-Dichlorobenzene	< 5.79	5.79	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
1,1,1-Trichloroethane	< 4.85	4.85	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
2-Ethoxyethyl Acetate	< 6.17	6.17	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Acetone	**16.1**	5.49	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Benzene	**18.5**	2.48	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Chlorobenzene	< 5.10	5.10	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Chloroform	**35.0**	5.10	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Ethanol	**22.2**	7.14	ug/m³	1	11/22/05	11/22/05	IHVOCS1	ia, ir
Ethyl Acetate	< 5.10	5.10	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Ethyl Benzene	**10.8**	4.90	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Isobutanol	< 5.75	5.75	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Isopropanol	**25.0**	6.41	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Methyl Ethyl Ketone	**8.86**	5.62	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Methyl Isobutyl Ketone	< 5.10	5.10	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Methylene Chloride	**17.5**	4.90	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
n-Butyl Acetate	< 5.05	5.05	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
n-Hexane	**25.8**	4.85	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Stoddard Solvent	**286**	24.8	ug/m³	1	11/22/05	11/22/05	IHVOCS1	ia
Styrene	**9.56**	6.49	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Tetrachloroethene	< 4.95	4.95	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Tetrahydrofuran	**15.1**	5.10	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Toluene	**53.8**	5.05	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
TPH as Gasoline	**1140**	25.5	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Trichloroethene	**5.62**	5.00	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
VM&P Naphtha	< 24.0	24.0	ug/m³	1	11/22/05	11/22/05	IHVOCS1	
Xylenes, Total	**53.4**	5.00	ug/m³	1	11/22/05	11/22/05	IHVOCS1	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506016
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-IN-(2-6) Back

0506016-22 (Air Tube)

11/14/05 20:50

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Acenaphthene	< 1.83	1.83	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Acenaphthylene	< 1.69	1.69	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Anthracene	< 1.83	1.83	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Benz(a)anthracene	< 1.98	1.98	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Benzo(a)pyrene	< 2.09	2.09	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Benzo(b)fluoranthene	< 2.07	2.07	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Benzo(g,h,i)perylene	< 2.56	2.56	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Benzo(k)fluoranthene	< 2.10	2.10	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Chrysene	< 1.99	1.99	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Dibenz(a,h)anthracene	< 2.13	2.13	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Fluoranthene	< 1.89	1.89	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Fluorene	< 1.80	1.80	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Indeno(1,2,3-cd)pyrene	< 2.25	2.25	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Naphthalene	**5.95**	1.84	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Phenanthrene	< 1.84	1.84	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Pyrene	< 1.92	1.92	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506016
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-IN-(2-6) Back

0506016-23 (Air)

11/14/05 20:50

Metals

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Mercury	< 0.033	0.033	ug/m³	1	11/29/05	11/29/05	OSHA ID-145	

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675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-IN-(2-6) Back

0506016-24 (Air Tube)

11/14/05 20:50

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Hexachlorobenzene	< 1.82	1.82	ug/m³	1	11/21/05	11/22/05	IHVOCS	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506016
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-IN-(2-6) Back

0506016-25 (Air Tube)

11/14/05 20:50

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Phenol	< 4.27	4.27	ug/m³	1	11/21/05	11/21/05	NIOSH 2546	

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Service Engineering Group	Client Ref: 05500	Work Order #: 0506016
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-IN-(6-22) Back

0506016-26 (Air Tube)

11/15/05 12:43

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
1,2,3-Trichlorobenzene	< 1.47	1.47	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,2,4-Trichlorobenzene	< 1.41	1.41	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,3,5-Trichlorobenzene	**4.67**	1.46	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,4-Dichlorobenzene	**3.47**	1.45	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,1,1-Trichloroethane	< 1.21	1.21	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
2-Ethoxyethyl Acetate	**3.32**	1.54	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Acetone	**5.17**	1.37	ug/m³	1	11/22/05	11/23/05	IHVOCS1	ia
Benzene	**10.3**	0.619	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Chlorobenzene	**1.39**	1.28	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Chloroform	**19.5**	1.28	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Ethanol	**5.52**	1.79	ug/m³	1	11/22/05	11/23/05	IHVOCS1	ia, ir
Ethyl Acetate	**1.90**	1.28	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Ethyl Benzene	**6.62**	1.23	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Isobutanol	< 1.44	1.44	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Isopropanol	**9.79**	1.60	ug/m³	1	11/22/05	11/23/05	IHVOCS1	ia
Methyl Ethyl Ketone	**9.26**	1.40	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Methyl Isobutyl Ketone	< 1.28	1.28	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Methylene Chloride	**7.00**	1.23	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
n-Butyl Acetate	**1.31**	1.26	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
n-Hexane	**13.6**	1.21	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Stoddard Solvent	**203**	6.19	ug/m³	1	11/22/05	11/23/05	IHVOCS1	ia
Styrene	**7.40**	1.62	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Tetrachloroethene	**2.88**	1.24	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Tetrahydrofuran	**9.59**	1.28	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Toluene	**32.6**	1.26	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
TPH as Gasoline	**626**	6.38	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Trichloroethene	**4.28**	1.25	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
VM&P Naphtha	< 6.01	6.01	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Xylenes, Total	**32.9**	1.25	ug/m³	1	11/22/05	11/23/05	IHVOCS1	

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Bloomington, MN 55438
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Service Engineering Group	Client Ref:	05500	Work Order #:	0506016
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-IN-(6-22) Back

0506016-27 (Air Tube)

11/15/05 12:43

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Acenaphthene	< 0.458	0.458	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Acenaphthylene	< 0.423	0.423	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Anthracene	< 0.457	0.457	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Benz(a)anthracene	< 0.495	0.495	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Benzo(a)pyrene	< 0.523	0.523	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Benzo(b)fluoranthene	< 0.517	0.517	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Benzo(g,h,i)perylene	< 0.639	0.639	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Benzo(k)fluoranthene	< 0.524	0.524	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Chrysene	< 0.497	0.497	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Dibenz(a,h)anthracene	< 0.533	0.533	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Fluoranthene	< 0.473	0.473	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Fluorene	< 0.450	0.450	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Indeno(1,2,3-cd)pyrene	< 0.562	0.562	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Naphthalene	**2.88**	0.460	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Phenanthrene	< 0.460	0.460	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Pyrene	< 0.481	0.481	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506016
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-IN-(6-22) Back

0506016-28 (Air)

11/15/05 12:43

Metals

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Mercury	< 0.0082	0.0082	ug/m³	1	11/29/05	11/29/05	OSHA ID-145	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506016
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-IN-(6-22) Back

0506016-29 (Air Tube)

11/15/05 12:43

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Hexachlorobenzene	< 0.456	0.456	ug/m³	1	11/21/05	11/22/05	IHVOCS	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506016
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-IN-(6-22) Back

0506016-30 (Air Tube)

11/15/05 12:43

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Phenol	< 1.07	1.07	ug/m³	1	11/21/05	11/21/05	NIOSH 2546	

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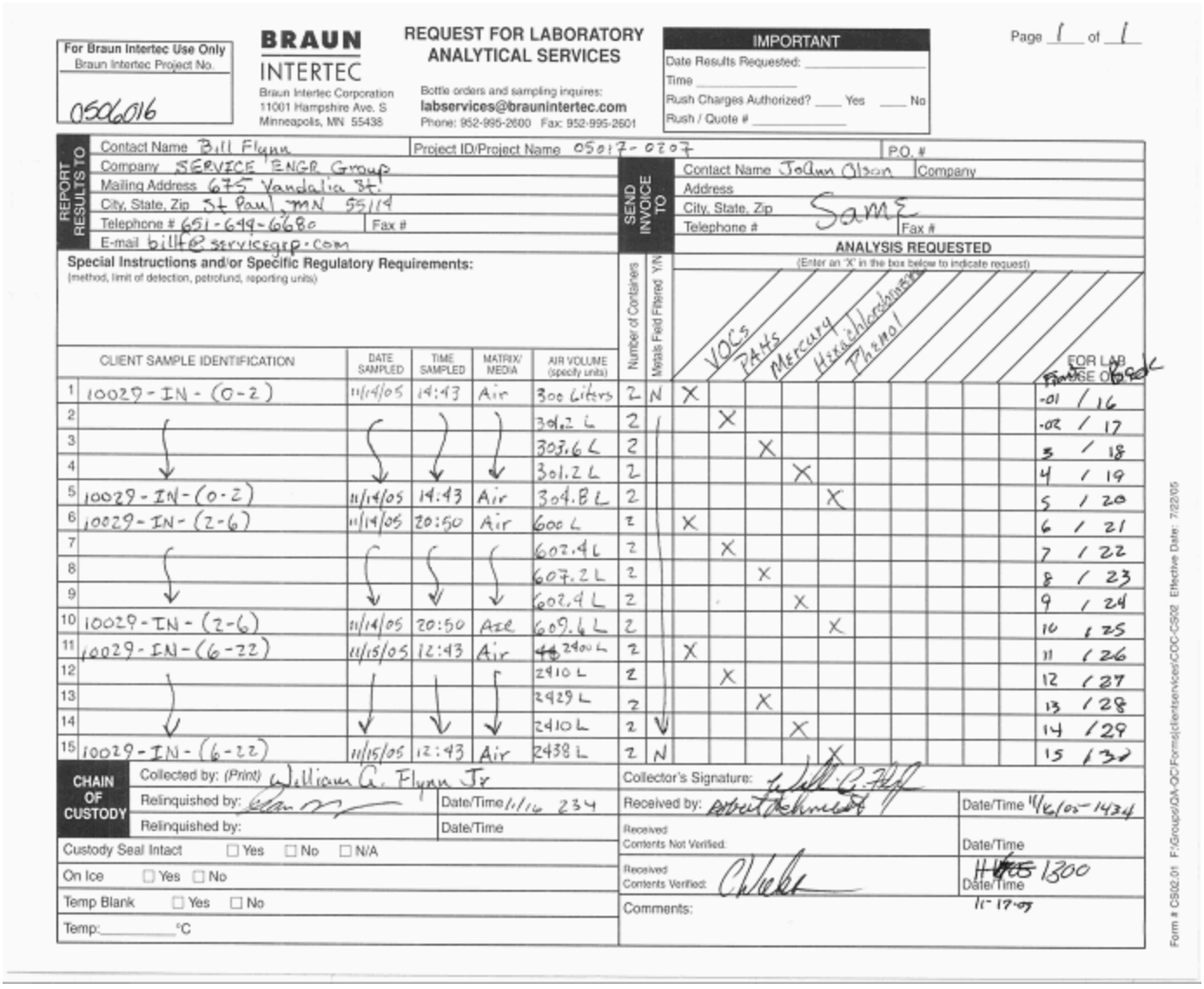
Service Engineering Group	Client Ref: 05500	Work Order #: 0506016
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003



Page 1 of 1

For Braun Intertec Use Only — Braun Intertec Project No.: 0506016

BRAUN INTERTEC — Braun Intertec Corporation, 11001 Hampshire Ave. S, Minneapolis, MN 55438

REQUEST FOR LABORATORY ANALYTICAL SERVICES

Bottle orders and sampling inquires: labservices@braunintertec.com — Phone: 952-995-2600 Fax: 952-995-2601

IMPORTANT
Date Results Requested:
Time
Rush Charges Authorized? ___ Yes ___ No
Rush / Quote #

REPORT RESULTS TO
Contact Name: Bill Flynn — Project ID/Project Name: 05017-0207 — P.O. #
Company: SERVICE ENGR Group
Mailing Address: 675 Vandalia St.
City, State, Zip: St Paul, MN 55114
Telephone #: 651-699-6680 — Fax #
E-mail: billf@servicegrp.com

SEND INVOICE TO
Contact Name: JoAnn Olson — Company
Address
City, State, Zip: Same
Telephone # — Fax #

Special Instructions and/or Specific Regulatory Requirements: (method, limit of detection, petrofund, reporting units)

ANALYSIS REQUESTED (Enter an 'X' in the box below to indicate request)

	CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)	Number of Containers	Metals Field Filtered Y/N	VOCs	PAHs	Mercury	Hexachlorobenzene	Thermal	FOR LAB USE ONLY
1	10029-IN-(0-2)	11/14/05	14:43	Air	300 Liters	2	N	X					-01 / 16
2					301.2 L	2			X				-02 / 17
3					303.6 L	2				X			3 / 18
4					301.2 L	2					X		4 / 19
5	10029-IN-(0-2)	11/14/05	14:43	Air	304.8 L	2						X	5 / 20
6	10029-IN-(2-6)	11/14/05	20:50	Air	600 L	2		X					6 / 21
7					607.4 L	2			X				7 / 22
8					607.2 L	2				X			8 / 23
9					607.4 L	2					X		9 / 24
10	10029-IN-(2-6)	11/14/05	20:50	Air	609.6 L	2						X	10 / 25
11	10029-IN-(6-22)	11/15/05	12:43	Air	~~410~~ 2400 L	2		X					11 / 26
12					2410 L	2			X				12 / 27
13					2429 L	2				X			13 / 28
14					2410 L	2					X		14 / 29
15	10029-IN-(6-22)	11/15/05	12:43	Air	2438 L	2	N					X	15 / 30

CHAIN OF CUSTODY
Collected by: (Print) William A. Flynn Jr — Collector's Signature:
Relinquished by: — Date/Time 11/16 234 — Received by: Robert Schmidt — Date/Time 11/16/05 1434
Relinquished by: — Date/Time — Received Contents Not Verified: — Date/Time
Custody Seal Intact ☐ Yes ☐ No ☐ N/A — Received Contents Verified: — Date/Time ~~11/16~~ 1300
On Ice ☐ Yes ☐ No — Comments: — 11-17-05
Temp Blank ☐ Yes ☐ No
Temp: ____ °C

Form # CS02.01 F:\Groups\QA-QC\Forms\clientservices\COC-CS02 Effective Date: 7/22/05

BRAUN INTERTEC

Braun Intertec Corporation
11001 Hampshire Avenue S
Minneapolis, MN 55438

Phone: 952.995.2000
Fax: 952.995.2020
Web: brauntintertec.com

Mr. Bill Flynn
Service Engineering Group
675 Vandalia Street
St. Paul, MN 55114-1312

December 14, 2005

Work Order #: 0506028

RE: 5017-0207

Dear Mr. Bill Flynn

Braun Intertec Corporation received samples for the project identified above on 11/16/05 14:34. Analytical results are summarized in the following report.

All routine quality assurance procedures were followed, unless otherwise noted.

Analytical results are reported on an "as received" basis unless otherwise noted. Where possible, the samples will be retained by the laboratory for 14 days following issuance of the initial final report. The samples will be disposed of or returned at that time. Arrangements can be made for extended storage by contacting me at this time.

We appreciate your decision to use Braun Intertec Corporation for this project. We are committed to being your vendor of choice to meet your analytical chemistry needs.

If you have any questions please contact me at the above phone number.

Sincerely,

Steven J. Albrecht

Steven J. Albrecht
Associate Principal

Certification/Accreditation Numbers

Minnesota Department of Health: 027-053-117 Wisconsin DNR: 999462640 NVLAP: 1021234-0 AIHA: 101103

BRAUN INTERTEC

11001 Hampshire Ave. S.
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952-995-2020 Fax

Service Engineering Group	Client Ref:5017-0207	Work Order #: 0506028
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

How to Use this Report

In order to get the most out of the information presented in this report please refer to the following explanations as to how the data in this report is tied together and how some of the terms are defined.

Qualifiers and Abbreviations are defined in the following section. You will find these codes used throughout the report in headers and in note sections to designate a unique fact about the data to which they are associated.

The Case Narrative gives a "story" about the analysis and results. Here you will find greater elaboration on relevant qualifiers as well as an explanation of anything of particular note in the data. This is a discussion of the data in terms of quality control and chemistry. It is a summary of any deviations that could affect the usefulness of the data. This is not an interpretation as to how this information relates to regulatory compliance, toxicity, or hazardous characterization. These items are beyond the scope of this report.

The Sample Summary provides detail on sample receipt. The association between Client sample ID and the Laboratory sample ID are defined here; this information is valuable to have when discussing results with your project manager. Sample collection and receipt dates and times are provided here as well. General notes regarding the work order are also documented here. This is a mini "case narrative" that describes any anomalies regarding the condition of the samples upon arrival to the laboratory or special circumstances regarding the work order.

The Conditions Upon Receipt summarizes the results of specific checks that have been performed at sample receipt. This includes items like custody documentation, sample condition, and temperature at receipt. Each "cooler" is identified and the conditions associated with that cooler are documented. A "cooler" is defined as the larger container used to transport the individual samples. In most cases this is a standard recreational cooler but it can be a box, plastic bag, or other container.

The laboratory results are summarized in the following sections. Data is broken down into major categories for convenience. An example of such a category would be "Total Petroleum Hydrocarbons." Here you would find data that references the testing of such parameters as diesel range organics and gasoline range organics. Other categories are similarly mapped. The batch number is associated with each sample. This is important to evaluate Quality Control (QC) data. Surrogate results samples are provided with each sample. Laboratory control limits are provided for comparison (see below). The reference method is also identified. If a method is denoted with an "M" (e.g. EPA 1234(M)) this means that it has been modified. An explanation of the modification will be found in the Case Narrative. A result is given with appropriate units. If a soil sample is dry-weight corrected then the word "dry" will appear next to the units. If the word "dry" does not appear then the result is "as received."

The Method Reporting Limit (MRL) and Method Detection Limit (MDL) are provided. It is important to understand these terms. The MRL is a level that has been empirically verified to provide reliable quantitation of results. Results that are equal to or greater than this value will show up as bolded. They are considered "hits." The MDL is a statistically derived number that indicates, with high confidence, that an analyte can be detected above noise level. If a result is less than this value it is marked as "ND" for "Non-Detect." If a result is less than the MRL but greater than the MDL then it is considered an estimate. Such a result is reported with a "J" flag denoting that it has been detected but that the result is an estimate. This is consistent with the *CLP Statement of Work* and the *National Functional Guidelines.*

The Quality Control (QC) samples are documented in the following section. Here you will find the preparation batches associated with each sample from the results section. The sample preparation method is also defined here. Accuracy is represented here in terms of a percent recovery as compared to a known value. Precision is represented as a relative percent difference between two duplicate sample aliquots. The laboratory control limits are provided as a means to evaluate the quality control data. If the result falls outside the laboratory control limits this simply means that it is outside what is typical for the laboratory and is noted accordingly. This does not mean that the data is invalid. Laboratory control limits are generally tighter than most program limits. This is a very important distinction. How the data is ultimately used determines its validity. Program requirements are defined in the Quality Assurance Project Plan (QAPP) governing the project. If your project manager is aware of your specific program requirements then a note will be made in the case narrative if the data fails to meet any of these requirements.

The last section contains copies of important documents and/or instrument printouts relavent to the report. This includes the chain of custody. It also may include items like chromatograms or spectra.

Please note that this report is paginated and must be reproduced in its entirety.

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Service Engineering Group	Client Ref:5017-0207	Work Order #: 0506028
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Qualifiers and Abbreviations

vn	The surrogate recovery is below the laboratory generated control limits.
vm	The surrogate recovery is above the laboratory generated control limits.
vfa	The method reporting limit (MRL) was raised for one or more analytes; a dilution of the sample was necessary due to high analyte levels and/or matrix interferences.
ts	This analysis was performed by a subcontract laboratory.
J	Detected but below the Method Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
COC	Chain of Custody
dry	Sample results reported on a dry weight basis
MDL	Method Detection Limit
MRL	Method Reporting Limit
NA	Not Applicable
ND	Analyte NOT DETECTED
NR	Not Reported
%Rec	Percent Recovery
RPD	Relative Percent Difference
VOC	Volatile Organic Compound

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675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

SAMPLE SUMMARY

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
10029-10M-PO	0506028-01	Water	11/16/05 12:35	11/16/05 14:34
10029-10M-PO	0506028-02	Water	11/16/05 12:35	11/16/05 14:34
10029-10M-PO	0506028-03	Water	11/16/05 12:35	11/16/05 14:34
10029-10M-PO	0506028-04	Water	11/16/05 12:35	11/16/05 14:34
10029-10M-PO	0506028-05	Water	11/16/05 12:35	11/16/05 14:34
10029-10M-PR	0506028-06	Water	11/16/05 12:35	11/16/05 14:34

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675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Conditions Upon Receipt

Cooler: Cooler #1

Temperature:	6.9 °C	**Received on Ice:**	Yes	**Preservation Confirmed:**	Yes
COC Included:	Yes	**Hand Delivered by Sampler:**	No	**Temperature Blank:**	No
Custody Seals Used:	No	**Sufficient Sample Provided:**	Yes	**COC Complete:**	Yes
Custody Seals Intact:	No	**Headspace Present (VOC):**	Yes	**COC & Labels Agree:**	Yes

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Service Engineering Group	Client Ref:5017-0207	Work Order #: 0506028
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-10M-PO

0506028-01 (Water)

11/16/05 12:35

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,2,4-Trichlorobenzene	**120**	57	3.8	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
1,2-Dichlorobenzene	**310**	57	3.1	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
1,2-Diphenylhydrazine	0.92 J	5.7	0.43	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
1,3-Dichlorobenzene	**12**	5.7	0.34	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
1,4-Dichlorobenzene	**580**	57	3.4	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
2,4,5-Trichlorophenol	ND	5.7	0.18	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
2,4,6-Trichlorophenol	ND	5.7	0.26	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
2,4-Dichlorophenol	ND	11	0.32	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
2,4-Dimethylphenol	**7.8**	5.7	0.46	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
2,4-Dinitrophenol	ND	5.7	1.1	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
2,4-Dinitrotoluene	ND	5.7	0.23	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
2,6-Dinitrotoluene	ND	5.7	0.67	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
2-Chloronaphthalene	ND	5.7	0.34	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
2-Chlorophenol	ND	11	0.73	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
2-Methylnaphthalene	**97**	5.7	0.45	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
2-Methylphenol	5.9 J	11	2.9	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
2-Nitroaniline	ND	5.7	0.53	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
2-Nitrophenol	ND	11	0.62	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
3,3-Dichlorobenzidine	ND	5.7	0.62	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
3-/4-Methylphenol	**340**	110	3.2	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
3-Nitroaniline	ND	5.7	0.76	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
4,6-Dinitro-2-methylphenol	ND	5.7	0.81	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
4-Bromophenyl phenyl ether	ND	5.7	0.28	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
4-Chloro-3-methylphenol	ND	5.7	0.27	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
4-Chloroaniline	ND	5.7	0.68	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	2.3	0.29	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
4-Nitroaniline	ND	5.7	0.39	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
4-Nitrophenol	ND	5.7	0.94	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Acenaphthene	**2.9**	2.3	0.30	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Acenaphthylene	**6.9**	2.3	0.21	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	

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Service Engineering Group	Client Ref:5017-0207	Work Order #: 0506028
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-10M-PO

0506028-01 (Water)

11/16/05 12:35

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Aniline	ND	5.7	1.0	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Anthracene	**3.0**	2.3	0.24	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Benz(a)anthracene	0.99 J	2.3	0.81	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Benzo(a)pyrene	ND	2.3	0.89	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Benzo(b)fluoranthene	0.49 J	2.3	0.49	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Benzo(g,h,i)perylene	ND	2.3	0.77	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Benzo(k)fluoranthene	ND	2.3	0.86	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Benzyl alcohol	7.5 J	11	0.37	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
bis(2-Chloroethoxy)methane	ND	5.7	0.39	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Bis(2-Chloroethyl)ether	ND	5.7	0.48	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Bis(2-chloroisopropyl)ether	ND	5.7	0.37	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Bis(2-Ethylhexyl)phthalate	ND	5.7	1.7	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Butyl benzyl phthalate	ND	5.7	0.36	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Carbazole	**12**	5.7	0.39	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Chrysene	1.0 J	2.3	0.81	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Dibenz(a,h)anthracene	ND	2.3	0.90	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Dibenzofuran	**7.4**	5.7	0.31	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Diethylphthalate	ND	5.7	0.35	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Dimethyl phthalate	ND	5.7	0.24	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Di-n-butyl phthalate	ND	5.7	0.54	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Di-n-octyl phthalate	ND	5.7	0.91	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Fluoranthene	**3.2**	2.3	0.30	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Fluorene	**5.6**	2.3	0.52	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Hexachlorobenzene	ND	5.7	0.28	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Hexachlorobutadiene	ND	5.7	0.36	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Hexachlorocyclopentadiene	ND	5.7	0.32	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Hexachloroethane	ND	5.7	0.40	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Indeno(1,2,3-cd)pyrene	ND	2.3	0.89	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Isophorone	ND	5.7	0.24	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Naphthalene	**2800**	570	36	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	

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Service Engineering Group	Client Ref:5017-0207	Work Order #: 0506028
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-10M-PO

0506028-01 (Water)

11/16/05 12:35

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Nitrobenzene	ND	5.7	0.31	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
N-Nitrosodimethylamine	ND	5.7	0.30	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
N-Nitrosodi-n-propylamine	ND	5.7	0.36	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
N-Nitrosodiphenylamine	2.6 J	5.7	0.36	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Pentachlorophenol	ND	5.7	0.63	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Phenanthrene	**9.7**	2.3	0.24	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Phenol	**680**	110	24	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Pyrene	**2.3**	2.3	0.58	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Pyridine	ND	11	2.8	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Surrogate: 2,4,6-Tribromophenol	*94.4 %*	*Limits: 65-100%*			*B5K0377*	*11/21/05*	*11/22/05*	*EPA 8270C*	
Surrogate: 2-Fluorobiphenyl	*78.7 %*	*Limits: 59-101%*			*B5K0377*	*11/21/05*	*11/22/05*	*EPA 8270C*	
Surrogate: 2-Fluorophenol	*50.6 %*	*Limits: 30-75%*			*B5K0377*	*11/21/05*	*11/22/05*	*EPA 8270C*	
Surrogate: Nitrobenzene-d5	*73.9 %*	*Limits: 57-101%*			*B5K0377*	*11/21/05*	*11/22/05*	*EPA 8270C*	
Surrogate: Phenol-d6	*44.3 %*	*Limits: 30-75%*			*B5K0377*	*11/21/05*	*11/22/05*	*EPA 8270C*	
Surrogate: Terphenyl-d14	*89.9 %*	*Limits: 65-100%*			*B5K0377*	*11/21/05*	*11/22/05*	*EPA 8270C*	

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,1,2-Tetrachloroethane	ND	10	1.4	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
1,1,1-Trichloroethane	ND	10	0.50	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
1,1,2,2-Tetrachloroethane	ND	10	2.3	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
1,1,2-Trichloroethane	ND	10	2.0	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
1,1,2-Trichlorotrifluoroethane	ND	10	1.2	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
1,1-Dichloroethane	ND	10	0.53	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
1,1-Dichloroethene	ND	10	0.85	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
1,1-Dichloropropene	ND	10	0.73	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
1,2,3-Trichlorobenzene	ND	10	1.1	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
1,2,3-Trichloropropane	ND	10	3.0	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa

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Service Engineering Group	Client Ref:5017-0207	Work Order #: 0506028
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-10M-PO

0506028-01 (Water)

11/16/05 12:35

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,2,4-Trichlorobenzene	**140**	10	1.4	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
1,2,4-Trimethylbenzene	**270**	10	0.71	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
1,2-Dibromo-3-chloropropane	ND	10	4.1	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
1,2-Dibromoethane	ND	10	0.64	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
1,2-Dichlorobenzene	**430**	10	1.2	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
1,2-Dichloroethane	ND	10	0.53	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
1,2-Dichloropropane	ND	10	0.50	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
1,3,5-Trimethylbenzene	**170**	10	0.97	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
1,3-Dichlorobenzene	**17**	10	0.83	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
1,3-Dichloropropane	ND	10	1.3	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
1,4-Dichlorobenzene	**800**	10	1.2	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
2,2-Dichloropropane	ND	10	1.0	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
2-Butanone (MEK)	ND	100	13	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	vfa
2-Chlorotoluene	**13**	10	2.0	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
4-Chlorotoluene	ND	10	1.3	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
4-Isopropyltoluene	ND	10	0.58	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
Acetone	ND	200	15	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	vfa
Allyl Chloride	ND	10	2.6	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
Benzene	**370**	10	0.45	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
Bromobenzene	ND	10	1.5	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
Bromochloromethane	ND	10	2.1	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
Bromodichloromethane	ND	10	1.1	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
Bromoform	ND	50	1.3	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
Bromomethane	ND	10	1.4	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
Carbon Tetrachloride	ND	10	0.57	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
Chlorobenzene	**1100**	200	8.4	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	vfa
Chlorodibromomethane	ND	10	0.28	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
Chloroethane	ND	10	1.1	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
Chloroform	ND	10	1.2	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa

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675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-10M-PO

0506028-01 (Water)

11/16/05 12:35

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Chloromethane	ND	10	2.0	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
cis-1,2-Dichloroethene	ND	10	1.0	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
cis-1,3-Dichloropropene	ND	10	0.41	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
Dibromomethane	ND	10	2.0	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
Dichlorodifluoromethane	ND	10	1.3	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
Dichlorofluoromethane	ND	10	1.0	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
Ethyl Ether	ND	10	3.1	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
Ethylbenzene	**48**	10	1.0	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
Hexachlorobutadiene	ND	20	2.4	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
Isopropylbenzene	**47**	10	0.64	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
m,p-Xylenes	**760**	10	1.3	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
Methyl Isobutyl Ketone	ND	50	4.2	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
Methylene chloride	ND	50	6.3	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
Methyl-t-butyl ether	ND	10	1.2	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
Naphthalene	**3900**	200	20	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	vfa
n-Butylbenzene	ND	10	1.2	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
n-Propylbenzene	ND	10	1.0	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
o-Xylene	**250**	10	1.4	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
sec-Butylbenzene	**70**	10	0.42	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
Styrene	**59**	10	0.47	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
tert-Butylbenzene	ND	10	1.0	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
Tetrachloroethene	ND	20	1.9	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
Tetrahydrofuran	ND	50	12	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
Toluene	**390**	10	1.7	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
trans-1,2-Dichloroethene	ND	10	1.4	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
trans-1,3-Dichloropropene	ND	10	1.2	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
Trichloroethene	ND	10	0.73	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
Trichlorofluoromethane	ND	10	1.9	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
Vinyl chloride	ND	10	2.5	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-10M-PO

0506028-01 (Water)

11/16/05 12:35

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4	*96.4 %*		*Limits: 82-128%*		*B5K0527*	*11/25/05*	*11/26/05*	*EPA 8260B*	*vfa*
Surrogate: 4-Bromofluorobenzene	*102 %*		*Limits: 76-119%*		*B5K0527*	*11/25/05*	*11/26/05*	*EPA 8260B*	*vfa*
Surrogate: Dibromofluoromethane	*96.8 %*		*Limits: 79-127%*		*B5K0527*	*11/25/05*	*11/26/05*	*EPA 8260B*	*vfa*
Surrogate: Toluene-d8	*102 %*		*Limits: 82-116%*		*B5K0527*	*11/25/05*	*11/26/05*	*EPA 8260B*	*vfa*

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-10M-PO

0506028-02 (Water)

11/16/05 12:35

Classical Chemistry Parameters

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Dissolved Organic Carbon	**110**	1.5	0.50	mg/L	B5L0100	11/27/05	11/29/05	ASTM D5373	ts

Metals

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Mercury, Dissolved	ND	0.20	0.011	ug/L	B5K0379	11/21/05	11/21/05	EPA 7470A	

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,2,4-Trichlorobenzene	**76**	7.8	0.52	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
1,2-Dichlorobenzene	**200**	78	4.2	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
1,2-Diphenylhydrazine	ND	7.8	0.58	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
1,3-Dichlorobenzene	7.3 J	7.8	0.46	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
1,4-Dichlorobenzene	**370**	78	4.6	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
2,4,5-Trichlorophenol	ND	7.8	0.24	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
2,4,6-Trichlorophenol	ND	7.8	0.35	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
2,4-Dichlorophenol	ND	16	0.43	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
2,4-Dimethylphenol	6.4 J	7.8	0.62	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
2,4-Dinitrophenol	ND	7.8	1.5	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
2,4-Dinitrotoluene	ND	7.8	0.32	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
2,6-Dinitrotoluene	ND	7.8	0.91	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
2-Chloronaphthalene	ND	7.8	0.46	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
2-Chlorophenol	ND	16	0.99	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
2-Methylnaphthalene	**60**	7.8	0.61	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
2-Methylphenol	5.8 J	16	3.9	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
2-Nitroaniline	ND	7.8	0.72	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
2-Nitrophenol	ND	16	0.84	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
3,3-Dichlorobenzidine	ND	7.8	0.85	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
3-/4-Methylphenol	**380**	160	4.3	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
3-Nitroaniline	ND	7.8	1.0	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
4,6-Dinitro-2-methylphenol	ND	7.8	1.1	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
4-Bromophenyl phenyl ether	ND	7.8	0.38	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	

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Service Engineering Group	Client Ref:5017-0207	Work Order #: 0506028
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-10M-PO

0506028-02 (Water)

11/16/05 12:35

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
4-Chloro-3-methylphenol	ND	7.8	0.37	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
4-Chloroaniline	ND	7.8	0.93	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	3.1	0.39	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
4-Nitroaniline	ND	7.8	0.53	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
4-Nitrophenol	ND	7.8	1.3	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Acenaphthene	2.0 J	3.1	0.41	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Acenaphthylene	**5.5**	3.1	0.29	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Aniline	ND	7.8	1.4	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Anthracene	1.2 J	3.1	0.32	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Benz(a)anthracene	ND	3.1	1.1	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Benzo(a)pyrene	ND	3.1	1.2	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Benzo(b)fluoranthene	ND	3.1	0.66	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Benzo(g,h,i)perylene	ND	3.1	1.0	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Benzo(k)fluoranthene	ND	3.1	1.2	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Benzyl alcohol	ND	16	0.50	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
bis(2-Chloroethoxy)methane	ND	7.8	0.53	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Bis(2-Chloroethyl)ether	ND	7.8	0.65	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Bis(2-chloroisopropyl)ether	ND	7.8	0.50	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Bis(2-Ethylhexyl)phthalate	ND	7.8	2.4	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Butyl benzyl phthalate	ND	7.8	0.48	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Carbazole	**9.6**	7.8	0.53	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Chrysene	ND	3.1	1.1	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Dibenz(a,h)anthracene	ND	3.1	1.2	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Dibenzofuran	5.2 J	7.8	0.42	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Diethylphthalate	ND	7.8	0.47	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Dimethyl phthalate	ND	7.8	0.33	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Di-n-butyl phthalate	ND	7.8	0.74	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Di-n-octyl phthalate	ND	7.8	1.2	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Fluoranthene	ND	3.1	0.40	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	

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Service Engineering Group	Client Ref:5017-0207	Work Order #: 0506028
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-10M-PO

0506028-02 (Water)

11/16/05 12:35

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Fluorene	ND	3.1	0.71	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Hexachlorobenzene	ND	7.8	0.38	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Hexachlorobutadiene	ND	7.8	0.49	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Hexachlorocyclopentadiene	ND	7.8	0.43	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Hexachloroethane	ND	7.8	0.55	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Indeno(1,2,3-cd)pyrene	ND	3.1	1.2	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Isophorone	ND	7.8	0.32	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Naphthalene	**2000**	780	49	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Nitrobenzene	ND	7.8	0.42	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
N-Nitrosodimethylamine	ND	7.8	0.40	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
N-Nitrosodi-n-propylamine	ND	7.8	0.49	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
N-Nitrosodiphenylamine	1.4 J	7.8	0.48	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Pentachlorophenol	ND	7.8	0.85	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Phenanthrene	**4.2**	3.1	0.32	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Phenol	**820**	160	33	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Pyrene	ND	3.1	0.78	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Pyridine	ND	16	3.8	ug/L	B5K0377	11/21/05	11/22/05	EPA 8270C	
Surrogate: 2,4,6-Tribromophenol	*104 %*	*Limits: 65-100%*			*B5K0377*	*11/21/05*	*11/22/05*	*EPA 8270C*	*vm*
Surrogate: 2-Fluorobiphenyl	*79.8 %*	*Limits: 59-101%*			*B5K0377*	*11/21/05*	*11/22/05*	*EPA 8270C*	
Surrogate: 2-Fluorophenol	*55.7 %*	*Limits: 30-75%*			*B5K0377*	*11/21/05*	*11/22/05*	*EPA 8270C*	
Surrogate: Nitrobenzene-d5	*66.0 %*	*Limits: 57-101%*			*B5K0377*	*11/21/05*	*11/22/05*	*EPA 8270C*	
Surrogate: Phenol-d6	*54.7 %*	*Limits: 30-75%*			*B5K0377*	*11/21/05*	*11/22/05*	*EPA 8270C*	
Surrogate: Terphenyl-d14	*90.8 %*	*Limits: 65-100%*			*B5K0377*	*11/21/05*	*11/22/05*	*EPA 8270C*	

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Service Engineering Group	Client Ref:5017-0207	Work Order #: 0506028
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-10M-PO

0506028-03 (Water)

11/16/05 12:35

Metals

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Mercury	**81**	4.0	0.22	ug/L	B5K0379	11/21/05	11/21/05	EPA 7470A	

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10029-10M-PO

0506028-04 (Water)

11/16/05 12:35

Classical Chemistry Parameters

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Total Suspended Solids	**4600**	20	3.6	mg/L	B5K0416	11/22/05	11/22/05	EPA 160.2	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-10M-PO

0506028-05 (Water)

11/16/05 12:35

Classical Chemistry Parameters

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Total Organic Carbon	**100**	15	5.0	mg/L	B5L0214	12/12/05	12/12/05	EPA 9060	ts

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-10M-PR

0506028-06 (Water)

11/16/05 12:35

Classical Chemistry Parameters

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Total Suspended Solids	**3800**	13	3.6	mg/L	B5K0416	11/22/05	11/22/05	EPA 160.2	

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675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Classical Chemistry Parameters - Quality Control

Batch B5K0416 - Default Prep GenChem

Method Blank (B5K0416-BLK1) Prepared & Analyzed: 11/22/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Suspended Solids	ND	5.0	3.6	mg/L	NA	NA	NA	NA	NA	NA	

Laboratory Control Sample (B5K0416-BS1) Prepared & Analyzed: 11/22/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Suspended Solids	209			mg/L	250	NA	83.6	80-120	NA	NA	

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Metals - Quality Control

Batch B5K0379 - EPA 7470A

Method Blank (B5K0379-BLK1) Prepared & Analyzed: 11/21/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury, Dissolved	ND	0.20	0.011	ug/L	NA	NA	NA	NA	NA	NA	
Mercury	ND	0.20	0.011	ug/L	NA	NA	NA	NA	NA	NA	

Laboratory Control Sample (B5K0379-BS1) Prepared & Analyzed: 11/21/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury, Dissolved	2.69	0.20	0.011	ug/L	2.50	NA	108	85-115	NA	NA	
Mercury	2.69	0.20	0.011	ug/L	2.50	NA	108	85-115	NA	NA	

Laboratory Control Sample Duplicate (B5K0379-BSD1) Prepared & Analyzed: 11/21/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury, Dissolved	2.70	0.20	0.011	ug/L	2.50	NA	108	85-115	0.371	20	
Mercury	2.70	0.20	0.011	ug/L	2.50	NA	108	85-115	0.371	20	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5K0377 - EPA 3510C

Method Blank (B5K0377-BLK1) Prepared: 11/21/05 Analyzed: 11/22/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	ND	5.0	0.33	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	ND	5.0	0.27	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Diphenylhydrazine	ND	5.0	0.37	ug/L	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	ND	5.0	0.30	ug/L	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	ND	5.0	0.29	ug/L	NA	NA	NA	NA	NA	NA	
2,4,5-Trichlorophenol	ND	5.0	0.15	ug/L	NA	NA	NA	NA	NA	NA	
2,4,6-Trichlorophenol	ND	5.0	0.23	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dichlorophenol	ND	10	0.28	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dimethylphenol	ND	5.0	0.40	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dinitrophenol	ND	5.0	0.96	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dinitrotoluene	ND	5.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
2,6-Dinitrotoluene	ND	5.0	0.58	ug/L	NA	NA	NA	NA	NA	NA	
2-Chloronaphthalene	ND	5.0	0.30	ug/L	NA	NA	NA	NA	NA	NA	
2-Chlorophenol	ND	10	0.63	ug/L	NA	NA	NA	NA	NA	NA	
2-Methylnaphthalene	ND	5.0	0.39	ug/L	NA	NA	NA	NA	NA	NA	
2-Methylphenol	ND	10	2.5	ug/L	NA	NA	NA	NA	NA	NA	
2-Nitroaniline	ND	5.0	0.46	ug/L	NA	NA	NA	NA	NA	NA	
2-Nitrophenol	ND	10	0.54	ug/L	NA	NA	NA	NA	NA	NA	
3,3-Dichlorobenzidine	ND	5.0	0.54	ug/L	NA	NA	NA	NA	NA	NA	
3-/4-Methylphenol	ND	10	0.28	ug/L	NA	NA	NA	NA	NA	NA	
3-Nitroaniline	ND	5.0	0.66	ug/L	NA	NA	NA	NA	NA	NA	
4,6-Dinitro-2-methylphenol	ND	5.0	0.70	ug/L	NA	NA	NA	NA	NA	NA	
4-Bromophenyl phenyl ether	ND	5.0	0.24	ug/L	NA	NA	NA	NA	NA	NA	
4-Chloro-3-methylphenol	ND	5.0	0.23	ug/L	NA	NA	NA	NA	NA	NA	
4-Chloroaniline	ND	5.0	0.59	ug/L	NA	NA	NA	NA	NA	NA	
4-Chlorophenyl phenyl ether	ND	2.0	0.25	ug/L	NA	NA	NA	NA	NA	NA	
4-Nitroaniline	ND	5.0	0.34	ug/L	NA	NA	NA	NA	NA	NA	
4-Nitrophenol	ND	5.0	0.82	ug/L	NA	NA	NA	NA	NA	NA	
Acenaphthene	ND	2.0	0.26	ug/L	NA	NA	NA	NA	NA	NA	
Acenaphthylene	ND	2.0	0.19	ug/L	NA	NA	NA	NA	NA	NA	
Aniline	ND	5.0	0.88	ug/L	NA	NA	NA	NA	NA	NA	
Anthracene	ND	2.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Benz(a)anthracene	ND	2.0	0.71	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(a)pyrene	ND	2.0	0.77	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(b)fluoranthene	ND	2.0	0.42	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(g,h,i)perylene	ND	2.0	0.67	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(k)fluoranthene	ND	2.0	0.75	ug/L	NA	NA	NA	NA	NA	NA	
Benzyl alcohol	ND	10	0.32	ug/L	NA	NA	NA	NA	NA	NA	
bis(2-Chloroethoxy)methane	ND	5.0	0.34	ug/L	NA	NA	NA	NA	NA	NA	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5K0377 - EPA 3510C

Method Blank (B5K0377-BLK1) Prepared: 11/21/05 Analyzed: 11/22/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Bis(2-Chloroethyl)ether	ND	5.0	0.42	ug/L	NA	NA	NA	NA	NA	NA	
Bis(2-chloroisopropyl)ether	ND	5.0	0.32	ug/L	NA	NA	NA	NA	NA	NA	
Bis(2-Ethylhexyl)phthalate	ND	5.0	1.5	ug/L	NA	NA	NA	NA	NA	NA	
Butyl benzyl phthalate	ND	5.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
Carbazole	ND	5.0	0.34	ug/L	NA	NA	NA	NA	NA	NA	
Chrysene	ND	2.0	0.70	ug/L	NA	NA	NA	NA	NA	NA	
Dibenz(a,h)anthracene	ND	2.0	0.78	ug/L	NA	NA	NA	NA	NA	NA	
Dibenzofuran	ND	5.0	0.27	ug/L	NA	NA	NA	NA	NA	NA	
Diethylphthalate	ND	5.0	0.30	ug/L	NA	NA	NA	NA	NA	NA	
Dimethyl phthalate	ND	5.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Di-n-butyl phthalate	ND	5.0	0.47	ug/L	NA	NA	NA	NA	NA	NA	
Di-n-octyl phthalate	ND	5.0	0.80	ug/L	NA	NA	NA	NA	NA	NA	
Fluoranthene	ND	2.0	0.26	ug/L	NA	NA	NA	NA	NA	NA	
Fluorene	ND	2.0	0.46	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorobenzene	ND	5.0	0.24	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorobutadiene	ND	5.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorocyclopentadiene	ND	5.0	0.28	ug/L	NA	NA	NA	NA	NA	NA	
Hexachloroethane	ND	5.0	0.35	ug/L	NA	NA	NA	NA	NA	NA	
Indeno(1,2,3-cd)pyrene	ND	2.0	0.78	ug/L	NA	NA	NA	NA	NA	NA	
Isophorone	ND	5.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Naphthalene	ND	5.0	0.32	ug/L	NA	NA	NA	NA	NA	NA	
Nitrobenzene	ND	5.0	0.27	ug/L	NA	NA	NA	NA	NA	NA	
N-Nitrosodimethylamine	ND	5.0	0.26	ug/L	NA	NA	NA	NA	NA	NA	
N-Nitrosodi-n-propylamine	ND	5.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
N-Nitrosodiphenylamine	ND	5.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
Pentachlorophenol	ND	5.0	0.54	ug/L	NA	NA	NA	NA	NA	NA	
Phenanthrene	ND	2.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Phenol	ND	10	2.1	ug/L	NA	NA	NA	NA	NA	NA	
Pyrene	ND	2.0	0.50	ug/L	NA	NA	NA	NA	NA	NA	
Pyridine	ND	10	2.4	ug/L	NA	NA	NA	NA	NA	NA	
Surrogate: 2,4,6-Tribromophenol	*42.1*			ug/L	*50.0*	*NA*	*84.2*	*65-100*			
Surrogate: 2-Fluorobiphenyl	*15.1*			ug/L	*25.0*	*NA*	*60.4*	*59-101*			
Surrogate: 2-Fluorophenol	*15.3*			ug/L	*50.0*	*NA*	*30.6*	*30-75*			
Surrogate: Nitrobenzene-d5	*13.3*			ug/L	*25.0*	*NA*	*53.2*	*57-101*			*vn*
Surrogate: Phenol-d6	*13.2*			ug/L	*50.0*	*NA*	*26.4*	*30-75*			*vn*
Surrogate: Terphenyl-d14	*23.5*			ug/L	*25.0*	*NA*	*94.0*	*65-100*			

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Service Engineering Group	Client Ref:5017-0207	Work Order #: 0506028
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5K0377 - EPA 3510C

Laboratory Control Sample (B5K0377-BS1) Prepared: 11/21/05 Analyzed: 11/22/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	31.9	5.0	0.33	ug/L	50.0	NA	63.8	30-120	NA	NA	
1,4-Dichlorobenzene	30.1	5.0	0.29	ug/L	50.0	NA	60.2	40-110	NA	NA	
2,4-Dinitrophenol	38.2	5.0	0.96	ug/L	50.0	NA	76.4	60-120	NA	NA	
2-Chlorophenol	31.1	10	0.63	ug/L	50.0	NA	62.2	40-100	NA	NA	
4-Chloro-3-methylphenol	40.3	5.0	0.23	ug/L	50.0	NA	80.6	50-110	NA	NA	
4-Nitrophenol	27.0	5.0	0.82	ug/L	50.0	NA	54.0	30-80	NA	NA	
Acenaphthene	42.5	2.0	0.26	ug/L	50.0	NA	85.0	50-110	NA	NA	
N-Nitrosodi-n-propylamine	40.0	5.0	0.31	ug/L	50.0	NA	80.0	45-120	NA	NA	
Pentachlorophenol	47.0	5.0	0.54	ug/L	50.0	NA	94.0	45-115	NA	NA	
Phenol	19.6	10	2.1	ug/L	50.0	NA	39.2	30-80	NA	NA	
Pyrene	48.4	2.0	0.50	ug/L	50.0	NA	96.8	55-120	NA	NA	
Surrogate: 2,4,6-Tribromophenol	*51.5*			ug/L	*50.0*	*NA*	*103*	*65-100*			*vm*
Surrogate: 2-Fluorobiphenyl	*19.9*			ug/L	*25.0*	*NA*	*79.6*	*59-101*			
Surrogate: 2-Fluorophenol	*20.9*			ug/L	*50.0*	*NA*	*41.8*	*30-75*			
Surrogate: Nitrobenzene-d5	*15.5*			ug/L	*25.0*	*NA*	*62.0*	*57-101*			
Surrogate: Phenol-d6	*19.4*			ug/L	*50.0*	*NA*	*38.8*	*30-75*			
Surrogate: Terphenyl-d14	*24.0*			ug/L	*25.0*	*NA*	*96.0*	*65-100*			

Laboratory Control Sample Duplicate (B5K0377-BSD1) Prepared: 11/21/05 Analyzed: 11/22/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	31.0	5.0	0.33	ug/L	50.0	NA	62.0	30-120	2.86	20	
1,4-Dichlorobenzene	28.4	5.0	0.29	ug/L	50.0	NA	56.8	40-110	5.81	20	
2,4-Dinitrophenol	38.6	5.0	0.96	ug/L	50.0	NA	77.2	60-120	1.04	20	
2-Chlorophenol	27.0	10	0.63	ug/L	50.0	NA	54.0	40-100	14.1	20	
4-Chloro-3-methylphenol	36.5	5.0	0.23	ug/L	50.0	NA	73.0	50-110	9.90	20	
4-Nitrophenol	23.3	5.0	0.82	ug/L	50.0	NA	46.6	30-80	14.7	20	
Acenaphthene	40.8	2.0	0.26	ug/L	50.0	NA	81.6	50-110	4.08	20	
N-Nitrosodi-n-propylamine	37.2	5.0	0.31	ug/L	50.0	NA	74.4	45-120	7.25	20	
Pentachlorophenol	45.9	5.0	0.54	ug/L	50.0	NA	91.8	45-115	2.37	20	
Phenol	16.8	10	2.1	ug/L	50.0	NA	33.6	30-80	15.4	20	
Pyrene	47.2	2.0	0.50	ug/L	50.0	NA	94.4	55-120	2.51	20	
Surrogate: 2,4,6-Tribromophenol	*51.2*			ug/L	*50.0*	*NA*	*102*	*65-100*			*vm*
Surrogate: 2-Fluorobiphenyl	*20.0*			ug/L	*25.0*	*NA*	*80.0*	*59-101*			
Surrogate: 2-Fluorophenol	*17.2*			ug/L	*50.0*	*NA*	*34.4*	*30-75*			
Surrogate: Nitrobenzene-d5	*15.0*			ug/L	*25.0*	*NA*	*60.0*	*57-101*			
Surrogate: Phenol-d6	*16.6*			ug/L	*50.0*	*NA*	*33.2*	*30-75*			
Surrogate: Terphenyl-d14	*23.5*			ug/L	*25.0*	*NA*	*94.0*	*65-100*			

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Service Engineering Group	Client Ref:5017-0207	Work Order #: 0506028
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5K0527 - EPA 5030B

Method Blank (B5K0527-BLK1) Prepared: 11/25/05 Analyzed: 11/26/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
1,1,1-Trichloroethane	ND	1.0	0.050	ug/L	NA	NA	NA	NA	NA	NA	
1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/L	NA	NA	NA	NA	NA	NA	
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
1,1,2-Trichlorotrifluoroethane	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
1,1-Dichloroethane	ND	1.0	0.053	ug/L	NA	NA	NA	NA	NA	NA	
1,1-Dichloroethene	ND	1.0	0.085	ug/L	NA	NA	NA	NA	NA	NA	
1,1-Dichloropropene	ND	1.0	0.073	ug/L	NA	NA	NA	NA	NA	NA	
1,2,3-Trichlorobenzene	ND	1.0	0.11	ug/L	NA	NA	NA	NA	NA	NA	
1,2,3-Trichloropropane	ND	1.0	0.30	ug/L	NA	NA	NA	NA	NA	NA	
1,2,4-Trichlorobenzene	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
1,2,4-Trimethylbenzene	ND	1.0	0.071	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dibromo-3-chloropropane	ND	1.0	0.41	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dibromoethane	ND	1.0	0.064	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichloroethane	ND	1.0	0.053	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichloropropane	ND	1.0	0.050	ug/L	NA	NA	NA	NA	NA	NA	
1,3,5-Trimethylbenzene	ND	1.0	0.097	ug/L	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	ND	1.0	0.083	ug/L	NA	NA	NA	NA	NA	NA	
1,3-Dichloropropane	ND	1.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
2,2-Dichloropropane	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
2-Butanone (MEK)	ND	10	1.3	ug/L	NA	NA	NA	NA	NA	NA	
2-Chlorotoluene	ND	1.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
4-Chlorotoluene	ND	1.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
4-Isopropyltoluene	ND	1.0	0.058	ug/L	NA	NA	NA	NA	NA	NA	
Acetone	ND	20	1.5	ug/L	NA	NA	NA	NA	NA	NA	
Allyl Chloride	ND	1.0	0.26	ug/L	NA	NA	NA	NA	NA	NA	
Benzene	ND	1.0	0.045	ug/L	NA	NA	NA	NA	NA	NA	
Bromobenzene	ND	1.0	0.15	ug/L	NA	NA	NA	NA	NA	NA	
Bromochloromethane	ND	1.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Bromodichloromethane	ND	1.0	0.11	ug/L	NA	NA	NA	NA	NA	NA	
Bromoform	ND	5.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
Bromomethane	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
Carbon Tetrachloride	ND	1.0	0.057	ug/L	NA	NA	NA	NA	NA	NA	
Chlorobenzene	ND	1.0	0.042	ug/L	NA	NA	NA	NA	NA	NA	
Chlorodibromomethane	ND	1.0	0.028	ug/L	NA	NA	NA	NA	NA	NA	
Chloroethane	ND	1.0	0.11	ug/L	NA	NA	NA	NA	NA	NA	
Chloroform	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	

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Service Engineering Group	Client Ref:5017-0207	Work Order #: 0506028
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5K0527 - EPA 5030B

Method Blank (B5K0527-BLK1) Prepared: 11/25/05 Analyzed: 11/26/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	ND	1.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
cis-1,2-Dichloroethene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
cis-1,3-Dichloropropene	ND	1.0	0.041	ug/L	NA	NA	NA	NA	NA	NA	
Dibromomethane	ND	1.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
Dichlorodifluoromethane	ND	1.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
Dichlorofluoromethane	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
Ethyl Ether	ND	1.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
Ethylbenzene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorobutadiene	ND	2.0	0.24	ug/L	NA	NA	NA	NA	NA	NA	
Isopropylbenzene	ND	1.0	0.064	ug/L	NA	NA	NA	NA	NA	NA	
m,p-Xylenes	ND	1.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
Methyl Isobutyl Ketone	ND	5.0	0.42	ug/L	NA	NA	NA	NA	NA	NA	
Methylene chloride	ND	5.0	0.63	ug/L	NA	NA	NA	NA	NA	NA	
Methyl-t-butyl ether	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
Naphthalene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
n-Butylbenzene	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
n-Propylbenzene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
o-Xylene	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
sec-Butylbenzene	ND	1.0	0.042	ug/L	NA	NA	NA	NA	NA	NA	
Styrene	ND	1.0	0.047	ug/L	NA	NA	NA	NA	NA	NA	
tert-Butylbenzene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
Tetrachloroethene	ND	2.0	0.19	ug/L	NA	NA	NA	NA	NA	NA	
Tetrahydrofuran	ND	5.0	1.2	ug/L	NA	NA	NA	NA	NA	NA	
Toluene	ND	1.0	0.17	ug/L	NA	NA	NA	NA	NA	NA	
trans-1,2-Dichloroethene	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
trans-1,3-Dichloropropene	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
Trichloroethene	ND	1.0	0.073	ug/L	NA	NA	NA	NA	NA	NA	
Trichlorofluoromethane	ND	1.0	0.19	ug/L	NA	NA	NA	NA	NA	NA	
Vinyl chloride	ND	1.0	0.25	ug/L	NA	NA	NA	NA	NA	NA	
Surrogate: 1,2-Dichloroethane-d4	*24.7*			ug/L	*25.0*	*NA*	*98.8*	*82-128*			
Surrogate: 4-Bromofluorobenzene	*24.9*			ug/L	*25.0*	*NA*	*99.6*	*76-119*			
Surrogate: Dibromofluoromethane	*24.7*			ug/L	*25.0*	*NA*	*98.8*	*79-127*			
Surrogate: Toluene-d8	*25.4*			ug/L	*25.0*	*NA*	*102*	*82-116*			

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Service Engineering Group	Client Ref:5017-0207	Work Order #: 0506028
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5K0527 - EPA 5030B

Laboratory Control Sample (B5K0527-BS1) Prepared & Analyzed: 11/25/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	26.5	1.0	0.14	ug/L	25.0	NA	106	80-120	NA	NA	
1,1,1-Trichloroethane	25.1	1.0	0.050	ug/L	25.0	NA	100	80-120	NA	NA	
1,1,2,2-Tetrachloroethane	25.3	1.0	0.23	ug/L	25.0	NA	101	80-120	NA	NA	
1,1,2-Trichloroethane	25.4	1.0	0.20	ug/L	25.0	NA	102	80-120	NA	NA	
1,1,2-Trichlorotrifluoroethane	25.2	1.0	0.12	ug/L	25.0	NA	101	80-120	NA	NA	
1,1-Dichloroethane	24.6	1.0	0.053	ug/L	25.0	NA	98.4	80-120	NA	NA	
1,1-Dichloroethene	25.2	1.0	0.085	ug/L	25.0	NA	101	80-120	NA	NA	
1,1-Dichloropropene	24.9	1.0	0.073	ug/L	25.0	NA	99.6	80-120	NA	NA	
1,2,3-Trichlorobenzene	27.4	1.0	0.11	ug/L	25.0	NA	110	80-120	NA	NA	
1,2,3-Trichloropropane	24.6	1.0	0.30	ug/L	25.0	NA	98.4	80-120	NA	NA	
1,2,4-Trichlorobenzene	26.5	1.0	0.14	ug/L	25.0	NA	106	80-120	NA	NA	
1,2,4-Trimethylbenzene	26.6	1.0	0.071	ug/L	25.0	NA	106	80-120	NA	NA	
1,2-Dibromo-3-chloropropane	26.8	1.0	0.41	ug/L	25.0	NA	107	80-120	NA	NA	
1,2-Dibromoethane	25.4	1.0	0.064	ug/L	25.0	NA	102	80-120	NA	NA	
1,2-Dichlorobenzene	25.5	1.0	0.12	ug/L	25.0	NA	102	80-120	NA	NA	
1,2-Dichloroethane	24.6	1.0	0.053	ug/L	25.0	NA	98.4	80-120	NA	NA	
1,2-Dichloropropane	24.6	1.0	0.050	ug/L	25.0	NA	98.4	80-120	NA	NA	
1,3,5-Trimethylbenzene	26.5	1.0	0.097	ug/L	25.0	NA	106	80-120	NA	NA	
1,3-Dichlorobenzene	25.7	1.0	0.083	ug/L	25.0	NA	103	80-120	NA	NA	
1,3-Dichloropropane	25.4	1.0	0.13	ug/L	25.0	NA	102	80-120	NA	NA	
1,4-Dichlorobenzene	25.6	1.0	0.12	ug/L	25.0	NA	102	80-120	NA	NA	
2,2-Dichloropropane	24.9	1.0	0.10	ug/L	25.0	NA	99.6	80-120	NA	NA	
2-Butanone (MEK)	23.9	10	1.3	ug/L	25.0	NA	95.6	80-120	NA	NA	
2-Chlorotoluene	25.5	1.0	0.20	ug/L	25.0	NA	102	80-120	NA	NA	
4-Chlorotoluene	25.9	1.0	0.13	ug/L	25.0	NA	104	80-120	NA	NA	
4-Isopropyltoluene	26.9	1.0	0.058	ug/L	25.0	NA	108	80-120	NA	NA	
Acetone	24.4	20	1.5	ug/L	25.0	NA	97.6	80-120	NA	NA	
Allyl Chloride	25.0	1.0	0.26	ug/L	25.0	NA	100	80-120	NA	NA	
Benzene	24.9	1.0	0.045	ug/L	25.0	NA	99.6	80-120	NA	NA	
Bromobenzene	25.3	1.0	0.15	ug/L	25.0	NA	101	80-120	NA	NA	
Bromochloromethane	24.4	1.0	0.21	ug/L	25.0	NA	97.6	80-120	NA	NA	
Bromodichloromethane	25.4	1.0	0.11	ug/L	25.0	NA	102	80-120	NA	NA	
Bromoform	23.8	5.0	0.13	ug/L	25.0	NA	95.2	80-120	NA	NA	
Bromomethane	25.2	1.0	0.14	ug/L	25.0	NA	101	80-120	NA	NA	
Carbon Tetrachloride	25.6	1.0	0.057	ug/L	25.0	NA	102	80-120	NA	NA	
Chlorobenzene	25.8	1.0	0.042	ug/L	25.0	NA	103	80-120	NA	NA	
Chlorodibromomethane	27.1	1.0	0.028	ug/L	25.0	NA	108	80-120	NA	NA	
Chloroethane	23.6	1.0	0.11	ug/L	25.0	NA	94.4	80-120	NA	NA	
Chloroform	25.0	1.0	0.12	ug/L	25.0	NA	100	80-120	NA	NA	

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Service Engineering Group	Client Ref:5017-0207	Work Order #: 0506028
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5K0527 - EPA 5030B

Laboratory Control Sample (B5K0527-BS1) Prepared & Analyzed: 11/25/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	23.7	1.0	0.20	ug/L	25.0	NA	94.8	80-120	NA	NA	
cis-1,2-Dichloroethene	25.0	1.0	0.10	ug/L	25.0	NA	100	80-120	NA	NA	
cis-1,3-Dichloropropene	25.5	1.0	0.041	ug/L	25.0	NA	102	80-120	NA	NA	
Dibromomethane	24.5	1.0	0.20	ug/L	25.0	NA	98.0	80-120	NA	NA	
Dichlorodifluoromethane	24.8	1.0	0.13	ug/L	25.0	NA	99.2	80-120	NA	NA	
Dichlorofluoromethane	23.6	1.0	0.10	ug/L	25.0	NA	94.4	80-120	NA	NA	
Ethyl Ether	23.9	1.0	0.31	ug/L	25.0	NA	95.6	80-120	NA	NA	
Ethylbenzene	26.4	1.0	0.10	ug/L	25.0	NA	106	80-120	NA	NA	
Hexachlorobutadiene	27.4	2.0	0.24	ug/L	25.0	NA	110	80-120	NA	NA	
Isopropylbenzene	26.3	1.0	0.064	ug/L	25.0	NA	105	80-120	NA	NA	
m,p-Xylenes	51.3	1.0	0.13	ug/L	50.0	NA	103	80-120	NA	NA	
Methyl Isobutyl Ketone	25.3	5.0	0.42	ug/L	25.0	NA	101	80-120	NA	NA	
Methylene chloride	23.2	5.0	0.63	ug/L	25.0	NA	92.8	80-120	NA	NA	
Methyl-t-butyl ether	25.1	1.0	0.12	ug/L	25.0	NA	100	80-120	NA	NA	
Naphthalene	26.4	1.0	0.10	ug/L	25.0	NA	106	80-120	NA	NA	
n-Butylbenzene	26.7	1.0	0.12	ug/L	25.0	NA	107	80-120	NA	NA	
n-Propylbenzene	25.8	1.0	0.10	ug/L	25.0	NA	103	80-120	NA	NA	
o-Xylene	25.5	1.0	0.14	ug/L	25.0	NA	102	80-120	NA	NA	
sec-Butylbenzene	26.9	1.0	0.042	ug/L	25.0	NA	108	80-120	NA	NA	
Styrene	26.6	1.0	0.047	ug/L	25.0	NA	106	80-120	NA	NA	
tert-Butylbenzene	26.6	1.0	0.10	ug/L	25.0	NA	106	80-120	NA	NA	
Tetrachloroethene	25.0	2.0	0.19	ug/L	25.0	NA	100	80-120	NA	NA	
Tetrahydrofuran	24.4	5.0	1.2	ug/L	25.0	NA	97.6	80-120	NA	NA	
Toluene	25.1	1.0	0.17	ug/L	25.0	NA	100	80-120	NA	NA	
trans-1,2-Dichloroethene	25.4	1.0	0.14	ug/L	25.0	NA	102	80-120	NA	NA	
trans-1,3-Dichloropropene	25.6	1.0	0.12	ug/L	25.0	NA	102	80-120	NA	NA	
Trichloroethene	24.8	1.0	0.073	ug/L	25.0	NA	99.2	80-120	NA	NA	
Trichlorofluoromethane	23.4	1.0	0.19	ug/L	25.0	NA	93.6	80-120	NA	NA	
Vinyl chloride	23.2	1.0	0.25	ug/L	25.0	NA	92.8	80-120	NA	NA	
Surrogate: 1,2-Dichloroethane-d4	*24.3*			ug/L	*25.0*	*NA*	*97.2*	*82-128*			
Surrogate: 4-Bromofluorobenzene	*25.0*			ug/L	*25.0*	*NA*	*100*	*76-119*			
Surrogate: Dibromofluoromethane	*24.9*			ug/L	*25.0*	*NA*	*99.6*	*79-127*			
Surrogate: Toluene-d8	*25.6*			ug/L	*25.0*	*NA*	*102*	*82-116*			

The results in this report apply only to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:5017-0207	Work Order #: 0506028
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5K0527 - EPA 5030B

Laboratory Control Sample Duplicate (B5K0527-BSD1) Prepared & Analyzed: 11/25/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	26.2	1.0	0.14	ug/L	25.0	NA	105	80-120	1.14	20	
1,1,1-Trichloroethane	25.3	1.0	0.050	ug/L	25.0	NA	101	80-120	0.794	20	
1,1,2,2-Tetrachloroethane	25.1	1.0	0.23	ug/L	25.0	NA	100	80-120	0.794	20	
1,1,2-Trichloroethane	25.3	1.0	0.20	ug/L	25.0	NA	101	80-120	0.394	20	
1,1,2-Trichlorotrifluoroethane	25.4	1.0	0.12	ug/L	25.0	NA	102	80-120	0.791	20	
1,1-Dichloroethane	25.2	1.0	0.053	ug/L	25.0	NA	101	80-120	2.41	20	
1,1-Dichloroethene	25.4	1.0	0.085	ug/L	25.0	NA	102	80-120	0.791	20	
1,1-Dichloropropene	25.3	1.0	0.073	ug/L	25.0	NA	101	80-120	1.59	20	
1,2,3-Trichlorobenzene	23.6	1.0	0.11	ug/L	25.0	NA	94.4	80-120	14.9	20	
1,2,3-Trichloropropane	24.4	1.0	0.30	ug/L	25.0	NA	97.6	80-120	0.816	20	
1,2,4-Trichlorobenzene	24.6	1.0	0.14	ug/L	25.0	NA	98.4	80-120	7.44	20	
1,2,4-Trimethylbenzene	26.4	1.0	0.071	ug/L	25.0	NA	106	80-120	0.755	20	
1,2-Dibromo-3-chloropropane	26.3	1.0	0.41	ug/L	25.0	NA	105	80-120	1.88	20	
1,2-Dibromoethane	25.4	1.0	0.064	ug/L	25.0	NA	102	80-120	0.00	20	
1,2-Dichlorobenzene	25.4	1.0	0.12	ug/L	25.0	NA	102	80-120	0.393	20	
1,2-Dichloroethane	24.6	1.0	0.053	ug/L	25.0	NA	98.4	80-120	0.00	20	
1,2-Dichloropropane	24.5	1.0	0.050	ug/L	25.0	NA	98.0	80-120	0.407	20	
1,3,5-Trimethylbenzene	26.4	1.0	0.097	ug/L	25.0	NA	106	80-120	0.378	20	
1,3-Dichlorobenzene	25.6	1.0	0.083	ug/L	25.0	NA	102	80-120	0.390	20	
1,3-Dichloropropane	25.2	1.0	0.13	ug/L	25.0	NA	101	80-120	0.791	20	
1,4-Dichlorobenzene	25.6	1.0	0.12	ug/L	25.0	NA	102	80-120	0.00	20	
2,2-Dichloropropane	25.0	1.0	0.10	ug/L	25.0	NA	100	80-120	0.401	20	
2-Butanone (MEK)	26.4	10	1.3	ug/L	25.0	NA	106	80-120	9.94	20	
2-Chlorotoluene	25.5	1.0	0.20	ug/L	25.0	NA	102	80-120	0.00	20	
4-Chlorotoluene	25.9	1.0	0.13	ug/L	25.0	NA	104	80-120	0.00	20	
4-Isopropyltoluene	26.5	1.0	0.058	ug/L	25.0	NA	106	80-120	1.50	20	
Acetone	28.8	20	1.5	ug/L	25.0	NA	115	80-120	16.5	20	
Allyl Chloride	25.3	1.0	0.26	ug/L	25.0	NA	101	80-120	1.19	20	
Benzene	25.0	1.0	0.045	ug/L	25.0	NA	100	80-120	0.401	20	
Bromobenzene	25.4	1.0	0.15	ug/L	25.0	NA	102	80-120	0.394	20	
Bromochloromethane	24.7	1.0	0.21	ug/L	25.0	NA	98.8	80-120	1.22	20	
Bromodichloromethane	25.5	1.0	0.11	ug/L	25.0	NA	102	80-120	0.393	20	
Bromoform	23.7	5.0	0.13	ug/L	25.0	NA	94.8	80-120	0.421	20	
Bromomethane	24.6	1.0	0.14	ug/L	25.0	NA	98.4	80-120	2.41	20	
Carbon Tetrachloride	25.9	1.0	0.057	ug/L	25.0	NA	104	80-120	1.17	20	
Chlorobenzene	25.4	1.0	0.042	ug/L	25.0	NA	102	80-120	1.56	20	
Chlorodibromomethane	26.7	1.0	0.028	ug/L	25.0	NA	107	80-120	1.49	20	
Chloroethane	24.0	1.0	0.11	ug/L	25.0	NA	96.0	80-120	1.68	20	
Chloroform	25.1	1.0	0.12	ug/L	25.0	NA	100	80-120	0.399	20	

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BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:5017-0207	Work Order #: 0506028
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5K0527 - EPA 5030B

Laboratory Control Sample Duplicate (B5K0527-BSD1) Prepared & Analyzed: 11/25/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	24.4	1.0	0.20	ug/L	25.0	NA	97.6	80-120	2.91	20	
cis-1,2-Dichloroethene	24.6	1.0	0.10	ug/L	25.0	NA	98.4	80-120	1.61	20	
cis-1,3-Dichloropropene	25.7	1.0	0.041	ug/L	25.0	NA	103	80-120	0.781	20	
Dibromomethane	24.5	1.0	0.20	ug/L	25.0	NA	98.0	80-120	0.00	20	
Dichlorodifluoromethane	24.6	1.0	0.13	ug/L	25.0	NA	98.4	80-120	0.810	20	
Dichlorofluoromethane	23.8	1.0	0.10	ug/L	25.0	NA	95.2	80-120	0.844	20	
Ethyl Ether	23.7	1.0	0.31	ug/L	25.0	NA	94.8	80-120	0.840	20	
Ethylbenzene	26.0	1.0	0.10	ug/L	25.0	NA	104	80-120	1.53	20	
Hexachlorobutadiene	26.7	2.0	0.24	ug/L	25.0	NA	107	80-120	2.59	20	
Isopropylbenzene	25.8	1.0	0.064	ug/L	25.0	NA	103	80-120	1.92	20	
m,p-Xylenes	50.8	1.0	0.13	ug/L	50.0	NA	102	80-120	0.979	20	
Methyl Isobutyl Ketone	25.4	5.0	0.42	ug/L	25.0	NA	102	80-120	0.394	20	
Methylene chloride	23.4	5.0	0.63	ug/L	25.0	NA	93.6	80-120	0.858	20	
Methyl-t-butyl ether	24.8	1.0	0.12	ug/L	25.0	NA	99.2	80-120	1.20	20	
Naphthalene	24.7	1.0	0.10	ug/L	25.0	NA	98.8	80-120	6.65	20	
n-Butylbenzene	26.0	1.0	0.12	ug/L	25.0	NA	104	80-120	2.66	20	
n-Propylbenzene	25.7	1.0	0.10	ug/L	25.0	NA	103	80-120	0.388	20	
o-Xylene	25.1	1.0	0.14	ug/L	25.0	NA	100	80-120	1.58	20	
sec-Butylbenzene	26.5	1.0	0.042	ug/L	25.0	NA	106	80-120	1.50	20	
Styrene	26.3	1.0	0.047	ug/L	25.0	NA	105	80-120	1.13	20	
tert-Butylbenzene	26.3	1.0	0.10	ug/L	25.0	NA	105	80-120	1.13	20	
Tetrachloroethene	26.7	2.0	0.19	ug/L	25.0	NA	107	80-120	6.58	20	
Tetrahydrofuran	23.4	5.0	1.2	ug/L	25.0	NA	93.6	80-120	4.18	20	
Toluene	24.6	1.0	0.17	ug/L	25.0	NA	98.4	80-120	2.01	20	
trans-1,2-Dichloroethene	24.8	1.0	0.14	ug/L	25.0	NA	99.2	80-120	2.39	20	
trans-1,3-Dichloropropene	25.6	1.0	0.12	ug/L	25.0	NA	102	80-120	0.00	20	
Trichloroethene	24.9	1.0	0.073	ug/L	25.0	NA	99.6	80-120	0.402	20	
Trichlorofluoromethane	24.7	1.0	0.19	ug/L	25.0	NA	98.8	80-120	5.41	20	
Vinyl chloride	21.9	1.0	0.25	ug/L	25.0	NA	87.6	80-120	5.76	20	
Surrogate: 1,2-Dichloroethane-d4	*24.4*			ug/L	*25.0*	*NA*	*97.6*	*82-128*			
Surrogate: 4-Bromofluorobenzene	*25.1*			ug/L	*25.0*	*NA*	*100*	*76-119*			
Surrogate: Dibromofluoromethane	*25.0*			ug/L	*25.0*	*NA*	*100*	*79-127*			
Surrogate: Toluene-d8	*25.3*			ug/L	*25.0*	*NA*	*101*	*82-116*			

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
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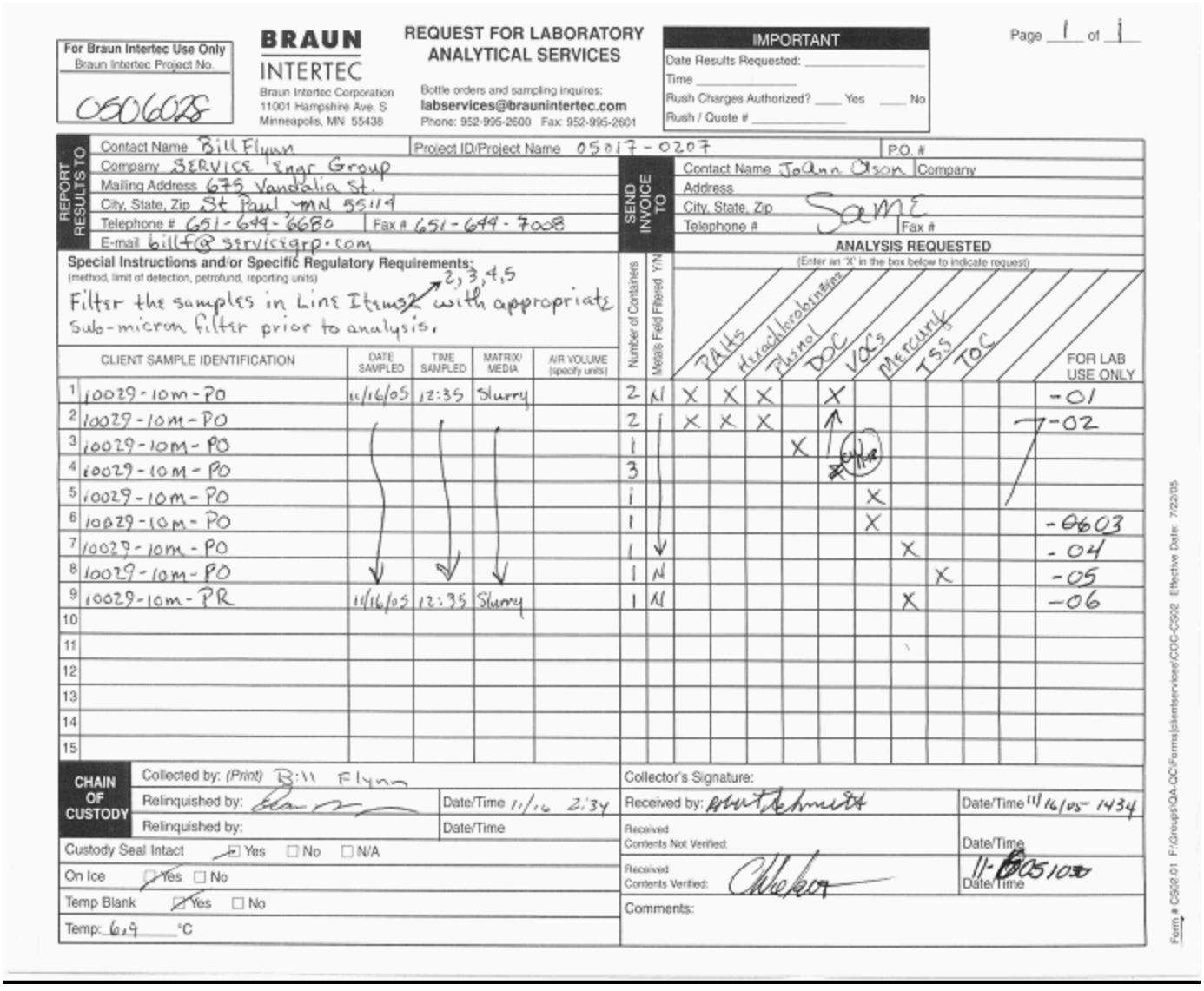
Service Engineering Group	Client Ref:5017-0207	Work Order #: 0506028
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003



BRAUN INTERTEC

REQUEST FOR LABORATORY ANALYTICAL SERVICES

Braun Intertec Corporation, 11001 Hampshire Ave. S, Minneapolis, MN 55438
Bottle orders and sampling inquires: labservices@braunintertec.com
Phone: 952-995-2600 Fax: 952-995-2601

For Braun Intertec Use Only — Braun Intertec Project No.: 0506028

IMPORTANT
Date Results Requested:
Time
Rush Charges Authorized? ____ Yes ____ No
Rush / Quote #

Page 1 of 1

REPORT RESULTS TO
Contact Name: Bill Flynn
Company: SERVICE Engr Group
Mailing Address: 675 Vandalia St.
City, State, Zip: St Paul MN 55119
Telephone #: 651-649-6680 Fax #: 651-649-7008
E-mail: billf@servicegrp.com

Project ID/Project Name: 05017-0207
P.O. #

SEND INVOICE TO
Contact Name: JoAnn Olson Company:
Address:
City, State, Zip: SAME
Telephone # Fax #

Special Instructions and/or Specific Regulatory Requirements:
(method, limit of detection, petrofund, reporting units)
Filter the samples in Line Items 2,3,4,5 with appropriate Sub-micron filter prior to analysis.

ANALYSIS REQUESTED
(Enter an 'X' in the box below to indicate request)

	CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)	Number of Containers	Metals Field Filtered Y/N	PAHs	Hexachlorobutadiene	Phenol	DOC	VOCs	Mercury	TSS	TOC	FOR LAB USE ONLY
1	10029-10m-PO	11/16/05	12:35	Slurry		2	N	X	X	X		X				-01
2	10029-10m-PO					2		X	X	X						-02
3	10029-10m-PO					1					X					
4	10029-10m-PO					3										
5	10029-10m-PO					1						X				
6	10029-10m-PO					1						X				-0603
7	10029-10m-PO					1							X			-04
8	10029-10m-PO					1	N							X		-05
9	10029-10m-PR	11/16/05	12:35	Slurry		1	N						X			-06
10																
11																
12																
13																
14																
15																

CHAIN OF CUSTODY
Collected by: (Print) Bill Flynn
Relinquished by: Date/Time 11/16 2:34
Relinquished by: Date/Time

Collector's Signature:
Received by: Date/Time 11/16/05 1434

Custody Seal Intact ☑ Yes ☐ No ☐ N/A
On Ice ☑ Yes ☐ No
Temp Blank ☑ Yes ☐ No
Temp: 6.9 °C

Received Contents Not Verified: Date/Time
Received Contents Verified: Date/Time 11-16-05 1030

Comments:

Form # CS02.01 F:\Groups\QA-QC\Forms\clientservices\COC-CS02 Effective Date: 7/22/05

BRAUN INTERTEC

Braun Intertec Corporation
11001 Hampshire Avenue S
Minneapolis, MN 55438

Phone: 952.995.2000
Fax: 952.995.2020
Web: brauntintertec.com

Mr. Bill Flynn
Service Engineering Group
675 Vandalia Street
St. Paul, MN 55114-1312

December 14, 2005

Work Order #: 0506040

RE: 05500

Dear Mr. Bill Flynn

Braun Intertec Corporation received samples for the project identified above on 11/17/05 14:00. Analytical results are summarized in the following report.

All routine quality assurance procedures were followed, unless otherwise noted.

Analytical results are reported on an "as received" basis unless otherwise noted. Where possible, the samples will be retained by the laboratory for 14 days following issuance of the initial final report. The samples will be disposed of or returned at that time. Arrangements can be made for extended storage by contacting me at this time.

We appreciate your decision to use Braun Intertec Corporation for this project. We are committed to being your vendor of choice to meet your analytical chemistry needs.

If you have any questions please contact me at the above phone number.

Sincerely,

Steven J. Albrecht

Steven J. Albrecht
Associate Principal

Certification/Accreditation Numbers

Minnesota Department of Health: 027-053-117 Wisconsin DNR: 999462640 NVLAP: 1021234-0 AIHA: 101103

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:05500	Work Order #: 0506040
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

How to Use this Report

In order to get the most out of the information presented in this report please refer to the following explanations as to how the data in this report is tied together and how some of the terms are defined.

Qualifiers and Abbreviations are defined in the following section. You will find these codes used throughout the report in headers and in note sections to designate a unique fact about the data to which they are associated.

The Case Narrative gives a "story" about the analysis and results. Here you will find greater elaboration on relevant qualifiers as well as an explanation of anything of particular note in the data. This is a discussion of the data in terms of quality control and chemistry. It is a summary of any deviations that could affect the usefulness of the data. This is not an interpretation as to how this information relates to regulatory compliance, toxicity, or hazardous characterization. These items are beyond the scope of this report.

The Sample Summary provides detail on sample receipt. The association between Client sample ID and the Laboratory sample ID are defined here; this information is valuable to have when discussing results with your project manager. Sample collection and receipt dates and times are provided here as well. General notes regarding the work order are also documented here. This is a mini "case narrative" that describes any anomalies regarding the condition of the samples upon arrival to the laboratory or special circumstances regarding the work order.

The Conditions Upon Receipt summarizes the results of specific checks that have been performed at sample receipt. This includes items like custody documentation, sample condition, and temperature at receipt. Each "cooler" is identified and the conditions associated with that cooler are documented. A "cooler" is defined as the larger container used to transport the individual samples. In most cases this is a standard recreational cooler but it can be a box, plastic bag, or other container.

The laboratory results are summarized in the following sections. Data is broken down into major categories for convenience. An example of such a category would be "Total Petroleum Hydrocarbons." Here you would find data that references the testing of such parameters as diesel range organics and gasoline range organics. Other categories are similarly mapped. The batch number is associated with each sample. This is important to evaluate Quality Control (QC) data. Surrogate results samples are provided with each sample. Laboratory control limits are provided for comparison (see below). The reference method is also identified. If a method is denoted with an "M" (e.g. EPA 1234(M)) this means that it has been modified. An explanation of the modification will be found in the Case Narrative. A result is given with appropriate units. If a soil sample is dry-weight corrected then the word "dry" will appear next to the units. If the word "dry" does not appear then the result is "as received."

The Method Reporting Limit (MRL) and Method Detection Limit (MDL) are provided. It is important to understand these terms. The MRL is a level that has been empirically verified to provide reliable quantitation of results. Results that are equal to or greater than this value will show up as bolded. They are considered "hits." The MDL is a statistically derived number that indicates, with high confidence, that an analyte can be detected above noise level. If a result is less than this value it is marked as "ND" for "Non-Detect." If a result is less than the MRL but greater than the MDL then it is considered an estimate. Such a result is reported with a "J" flag denoting that it has been detected but that the result is an estimate. This is consistent with the *CLP Statement of Work* and the *National Functional Guidelines.*

The Quality Control (QC) samples are documented in the following section. Here you will find the preparation batches associated with each sample from the results section. The sample preparation method is also defined here. Accuracy is represented here in terms of a percent recovery as compared to a known value. Precision is represented as a relative percent difference between two duplicate sample aliquots. The laboratory control limits are provided as a means to evaluate the quality control data. If the result falls outside the laboratory control limits this simply means that it is outside what is typical for the laboratory and is noted accordingly. This does not mean that the data is invalid. Laboratory control limits are generally tighter than most program limits. This is a very important distinction. How the data is ultimately used determines its validity. Program requirements are defined in the Quality Assurance Project Plan (QAPP) governing the project. If your project manager is aware of your specific program requirements then a note will be made in the case narrative if the data fails to meet any of these requirements.

The last section contains copies of important documents and/or instrument printouts relavent to the report. This includes the chain of custody. It also may include items like chromatograms or spectra.

Please note that this report is paginated and must be reproduced in its entirety.

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11001 Hampshire Ave. S.
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Service Engineering Group	Client Ref:05500	Work Order #: 0506040
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Qualifiers and Abbreviations

vn	The surrogate recovery is below the laboratory generated control limits.
vm	The surrogate recovery is above the laboratory generated control limits.
vfa	The method reporting limit (MRL) was raised for one or more analytes; a dilution of the sample was necessary due to high analyte levels and/or matrix interferences.
ts	This analysis was performed by a subcontract laboratory.
J	Detected but below the Method Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
gp	The relative percent difference (RPD) for the laboratory control sample and laboratory control sample duplicate is outside of laboratory control limits.
go	The laboratory control sample recovery is outside of laboratory control limits.
COC	Chain of Custody
dry	Sample results reported on a dry weight basis
MDL	Method Detection Limit
MRL	Method Reporting Limit
NA	Not Applicable
ND	Analyte NOT DETECTED
NR	Not Reported
%Rec	Percent Recovery
RPD	Relative Percent Difference
VOC	Volatile Organic Compound

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Service Engineering Group	Client Ref:05500	Work Order #: 0506040
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

SAMPLE SUMMARY

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
10029-10M-DCN	0506040-01	Water	11/16/05 16:00	11/17/05 14:00
10029-10M-PO	0506040-02	Soil	11/16/05 14:10	11/17/05 14:00
DI Blank	0506040-03	Water	11/17/05 00:00	11/17/05 14:00

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675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Conditions Upon Receipt

Cooler: Cooler #1

Temperature:	5.0 °C	**Received on Ice:**	Yes	**Preservation Confirmed:**	Yes
COC Included:	Yes	**Hand Delivered by Sampler:**	Yes	**Temperature Blank:**	No
Custody Seals Used:	No	**Sufficient Sample Provided:**	Yes	**COC Complete:**	Yes
Custody Seals Intact:	No	**Headspace Present (VOC):**	No	**COC & Labels Agree:**	Yes

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BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
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Service Engineering Group	Client Ref:05500	Work Order #: 0506040
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-10M-DCN

0506040-01 (Water)

11/16/05 16:00

Metals

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Mercury	ND	0.20	0.011	ug/L	B5K0379	11/21/05	11/21/05	EPA 7470A	

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,2,4-Trichlorobenzene	ND	5.0	0.33	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
1,2-Dichlorobenzene	0.82 J	5.0	0.27	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
1,2-Diphenylhydrazine	ND	5.0	0.37	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
1,3-Dichlorobenzene	ND	5.0	0.30	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
1,4-Dichlorobenzene	1.8 J	5.0	0.29	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2,4,5-Trichlorophenol	ND	5.0	0.15	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2,4,6-Trichlorophenol	ND	5.0	0.23	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2,4-Dichlorophenol	ND	10	0.28	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2,4-Dimethylphenol	ND	5.0	0.40	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2,4-Dinitrophenol	ND	5.0	0.96	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	go, gp
2,4-Dinitrotoluene	ND	5.0	0.20	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2,6-Dinitrotoluene	ND	5.0	0.58	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2-Chloronaphthalene	ND	5.0	0.30	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2-Chlorophenol	ND	10	0.63	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2-Methylnaphthalene	ND	5.0	0.39	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2-Methylphenol	ND	10	2.5	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2-Nitroaniline	ND	5.0	0.46	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2-Nitrophenol	ND	10	0.54	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
3,3-Dichlorobenzidine	ND	5.0	0.54	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
3-/4-Methylphenol	ND	10	0.28	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
3-Nitroaniline	ND	5.0	0.66	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
4,6-Dinitro-2-methylphenol	ND	5.0	0.70	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
4-Bromophenyl phenyl ether	ND	5.0	0.24	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
4-Chloro-3-methylphenol	ND	5.0	0.23	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
4-Chloroaniline	ND	5.0	0.59	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506040
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-10M-DCN

0506040-01 (Water)

11/16/05 16:00

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
4-Chlorophenyl phenyl ether	ND	2.0	0.25	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
4-Nitroaniline	ND	5.0	0.34	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
4-Nitrophenol	ND	5.0	0.82	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Acenaphthene	ND	2.0	0.26	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Acenaphthylene	ND	2.0	0.19	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Aniline	ND	5.0	0.88	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Anthracene	ND	2.0	0.21	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Benz(a)anthracene	ND	2.0	0.71	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Benzo(a)pyrene	ND	2.0	0.77	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Benzo(b)fluoranthene	ND	2.0	0.42	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Benzo(g,h,i)perylene	ND	2.0	0.67	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Benzo(k)fluoranthene	ND	2.0	0.75	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Benzyl alcohol	ND	10	0.32	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
bis(2-Chloroethoxy)methane	ND	5.0	0.34	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Bis(2-Chloroethyl)ether	ND	5.0	0.42	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Bis(2-chloroisopropyl)ether	ND	5.0	0.32	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Bis(2-Ethylhexyl)phthalate	ND	5.0	1.5	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Butyl benzyl phthalate	ND	5.0	0.31	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Carbazole	ND	5.0	0.34	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Chrysene	ND	2.0	0.70	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Dibenz(a,h)anthracene	ND	2.0	0.78	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Dibenzofuran	ND	5.0	0.27	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Diethylphthalate	ND	5.0	0.30	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Dimethyl phthalate	ND	5.0	0.21	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Di-n-butyl phthalate	ND	5.0	0.47	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Di-n-octyl phthalate	ND	5.0	0.80	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Fluoranthene	ND	2.0	0.26	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Fluorene	ND	2.0	0.46	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506040
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-10M-DCN

0506040-01 (Water)

11/16/05 16:00

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Hexachlorobenzene	ND	5.0	0.24	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Hexachlorobutadiene	ND	5.0	0.31	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Hexachlorocyclopentadiene	ND	5.0	0.28	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Hexachloroethane	ND	5.0	0.35	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Indeno(1,2,3-cd)pyrene	ND	2.0	0.78	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Isophorone	ND	5.0	0.21	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Naphthalene	**7.4**	5.0	0.32	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Nitrobenzene	ND	5.0	0.27	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
N-Nitrosodimethylamine	ND	5.0	0.26	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
N-Nitrosodi-n-propylamine	ND	5.0	0.31	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
N-Nitrosodiphenylamine	ND	5.0	0.31	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Pentachlorophenol	ND	5.0	0.54	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Phenanthrene	ND	2.0	0.21	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Phenol	ND	10	2.1	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Pyrene	ND	2.0	0.50	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Pyridine	ND	10	2.4	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Surrogate: 2,4,6-Tribromophenol	*91.5 %*	*Limits: 65-100%*			*B5K0407*	*11/22/05*	*11/23/05*	*EPA 8270C*	
Surrogate: 2-Fluorobiphenyl	*71.5 %*	*Limits: 59-101%*			*B5K0407*	*11/22/05*	*11/23/05*	*EPA 8270C*	
Surrogate: 2-Fluorophenol	*35.4 %*	*Limits: 30-75%*			*B5K0407*	*11/22/05*	*11/23/05*	*EPA 8270C*	
Surrogate: Nitrobenzene-d5	*54.5 %*	*Limits: 57-101%*			*B5K0407*	*11/22/05*	*11/23/05*	*EPA 8270C*	*vn*
Surrogate: Phenol-d6	*32.9 %*	*Limits: 30-75%*			*B5K0407*	*11/22/05*	*11/23/05*	*EPA 8270C*	
Surrogate: Terphenyl-d14	*87.7 %*	*Limits: 65-100%*			*B5K0407*	*11/22/05*	*11/23/05*	*EPA 8270C*	

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	
1,1,1-Trichloroethane	ND	1.0	0.050	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506040
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-10M-DCN

0506040-01 (Water)

11/16/05 16:00

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	
1,1,2-Trichlorotrifluoroethane	ND	1.0	0.12	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	
1,1-Dichloroethane	ND	1.0	0.053	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	
1,1-Dichloroethene	ND	1.0	0.085	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	
1,1-Dichloropropene	ND	1.0	0.073	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	
1,2,3-Trichlorobenzene	ND	1.0	0.11	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	
1,2,3-Trichloropropane	ND	1.0	0.30	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	
1,2,4-Trichlorobenzene	ND	1.0	0.14	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	
1,2,4-Trimethylbenzene	ND	1.0	0.071	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	
1,2-Dibromo-3-chloropropane	ND	1.0	0.41	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	
1,2-Dibromoethane	ND	1.0	0.064	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	
1,2-Dichlorobenzene	ND	1.0	0.12	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	
1,2-Dichloroethane	ND	1.0	0.053	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	
1,2-Dichloropropane	ND	1.0	0.050	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	
1,3,5-Trimethylbenzene	ND	1.0	0.097	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	
1,3-Dichlorobenzene	ND	1.0	0.083	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	
1,3-Dichloropropane	ND	1.0	0.13	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	
1,4-Dichlorobenzene	ND	1.0	0.12	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	
2,2-Dichloropropane	ND	1.0	0.10	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	
2-Butanone (MEK)	ND	10	1.3	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	
2-Chlorotoluene	ND	1.0	0.20	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	
4-Chlorotoluene	ND	1.0	0.13	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	
4-Isopropyltoluene	ND	1.0	0.058	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	
Acetone	ND	20	1.5	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	
Allyl Chloride	ND	1.0	0.26	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	
Benzene	ND	1.0	0.045	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	
Bromobenzene	ND	1.0	0.15	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506040
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-10M-DCN

0506040-01 (Water)

11/16/05 16:00

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Bromochloromethane	ND	1.0	0.21	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	
Bromodichloromethane	**3.6**	1.0	0.11	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	
Bromoform	ND	5.0	0.13	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	
Bromomethane	ND	1.0	0.14	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	
Carbon Tetrachloride	ND	1.0	0.057	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	
Chlorobenzene	**1.0**	1.0	0.042	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	
Chlorodibromomethane	ND	1.0	0.028	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	
Chloroethane	ND	1.0	0.11	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	
Chloroform	**12**	1.0	0.12	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	
Chloromethane	ND	1.0	0.20	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.0	0.10	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.0	0.041	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	
Dibromomethane	ND	1.0	0.20	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	
Dichlorodifluoromethane	ND	1.0	0.13	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	
Dichlorofluoromethane	ND	1.0	0.10	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	
Ethyl Ether	ND	1.0	0.31	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	
Ethylbenzene	ND	1.0	0.10	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	
Hexachlorobutadiene	ND	2.0	0.24	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	
Isopropylbenzene	ND	1.0	0.064	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	
m,p-Xylenes	ND	1.0	0.13	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	
Methyl Isobutyl Ketone	ND	5.0	0.42	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	
Methylene chloride	ND	5.0	0.63	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	
Methyl-t-butyl ether	ND	1.0	0.12	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	
Naphthalene	ND	1.0	0.10	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	
n-Butylbenzene	ND	1.0	0.12	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	
n-Propylbenzene	ND	1.0	0.10	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	
o-Xylene	ND	1.0	0.14	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	
sec-Butylbenzene	ND	1.0	0.042	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	
Styrene	ND	1.0	0.047	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-10M-DCN

0506040-01 (Water)

11/16/05 16:00

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
tert-Butylbenzene	ND	1.0	0.10	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	
Tetrachloroethene	ND	2.0	0.19	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	
Tetrahydrofuran	ND	5.0	1.2	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	
Toluene	ND	1.0	0.17	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	
trans-1,2-Dichloroethene	ND	1.0	0.14	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.0	0.12	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	
Trichloroethene	ND	1.0	0.073	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	
Trichlorofluoromethane	ND	1.0	0.19	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	
Vinyl chloride	ND	1.0	0.25	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4	*98.4 %*	*Limits: 82-128%*			*B5K0527*	*11/25/05*	*11/26/05*	*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene	*97.6 %*	*Limits: 76-119%*			*B5K0527*	*11/25/05*	*11/26/05*	*EPA 8260B*	
Surrogate: Dibromofluoromethane	*100 %*	*Limits: 79-127%*			*B5K0527*	*11/25/05*	*11/26/05*	*EPA 8260B*	
Surrogate: Toluene-d8	*101 %*	*Limits: 82-116%*			*B5K0527*	*11/25/05*	*11/26/05*	*EPA 8260B*	

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11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
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Service Engineering Group	Client Ref:05500	Work Order #: 0506040
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-10M-PO

0506040-02 (Soil)

11/16/05 14:10

Classical Chemistry Parameters

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
% Solids	**50**			% Wt	B5K0451	11/23/05	11/25/05	ASTM D2216	
Total Organic Carbon	**13400**	1000	1000	mg/kg	B5L0238	11/29/05	11/29/05	EPA 9060	ts

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,1,2-Tetrachloroethane	ND	0.99	0.14	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
1,1,1-Trichloroethane	ND	0.99	0.060	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
1,1,2,2-Tetrachloroethane	ND	0.99	0.24	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
1,1,2-Trichloroethane	ND	0.99	0.20	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
1,1,2-Trichlorotrifluoroethane	ND	0.99	0.12	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
1,1-Dichloroethane	ND	0.99	0.054	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
1,1-Dichloroethene	ND	0.99	0.085	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
1,1-Dichloropropene	ND	0.99	0.073	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
1,2,3-Trichlorobenzene	ND	0.99	0.11	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
1,2,3-Trichloropropane	ND	0.99	0.30	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
1,2,4-Trichlorobenzene	**20**	0.99	0.14	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
1,2,4-Trimethylbenzene	**17**	0.99	0.069	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
1,2-Dibromo-3-chloropropane	ND	0.99	0.40	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
1,2-Dibromoethane	ND	0.99	0.063	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
1,2-Dichlorobenzene	**23**	0.99	0.12	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
1,2-Dichloroethane	ND	0.99	0.054	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
1,2-Dichloropropane	ND	0.99	0.050	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
1,3,5-Trimethylbenzene	**11**	0.99	0.097	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
1,3-Dichlorobenzene	ND	0.99	0.083	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
1,3-Dichloropropane	ND	0.99	0.12	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
1,4-Dichlorobenzene	**48**	0.99	0.12	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
2,2-Dichloropropane	ND	0.99	0.10	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
2-Butanone (MEK)	ND	9.9	1.3	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
2-Chlorotoluene	ND	0.99	0.19	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
4-Chlorotoluene	ND	0.99	0.13	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa

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Bloomington, MN 55438
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Service Engineering Group	Client Ref:05500	Work Order #: 0506040
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-10M-PO

0506040-02 (Soil)

11/16/05 14:10

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
4-Isopropyltoluene	**1.3**	0.99	0.058	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Acetone	ND	20	1.5	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Allyl Chloride	ND	0.99	0.26	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Benzene	**7.3**	0.99	0.044	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Bromobenzene	ND	0.99	0.15	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Bromochloromethane	ND	0.99	0.22	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Bromodichloromethane	ND	0.99	0.11	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Bromoform	ND	5.0	0.13	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Bromomethane	ND	0.99	0.13	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Carbon Tetrachloride	ND	0.99	0.056	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Chlorobenzene	**31**	0.99	0.042	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Chlorodibromomethane	ND	0.99	0.030	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Chloroethane	ND	0.99	0.11	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Chloroform	ND	0.99	0.12	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Chloromethane	ND	0.99	0.20	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
cis-1,2-Dichloroethene	ND	0.99	0.10	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
cis-1,3-Dichloropropene	ND	0.99	0.040	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Dibromomethane	ND	0.99	0.20	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Dichlorodifluoromethane	ND	0.99	0.12	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Dichlorofluoromethane	ND	0.99	0.10	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Ethyl Ether	ND	0.99	0.30	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Ethylbenzene	**1.8**	0.99	0.11	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Hexachlorobutadiene	ND	2.0	0.24	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Isopropylbenzene	**2.8**	0.99	0.063	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
m,p-Xylenes	**27**	0.99	0.12	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Methyl Isobutyl Ketone	ND	5.0	0.42	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Methylene chloride	ND	5.0	0.63	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Methyl-t-butyl ether	ND	0.99	0.12	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Naphthalene	**260**	9.9	0.99	mg/kg dry	B5K0420	11/21/05	11/28/05	EPA 8260B	vfa

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11001 Hampshire Ave. S.
Bloomington, MN 55438
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Service Engineering Group	Client Ref:05500	Work Order #: 0506040
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-10M-PO

0506040-02 (Soil)

11/16/05 14:10

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
n-Butylbenzene	ND	0.99	0.12	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
n-Propylbenzene	ND	0.99	0.10	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
o-Xylene	**8.0**	0.99	0.14	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
sec-Butylbenzene	**11**	0.99	0.042	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Styrene	**1.9**	0.99	0.046	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
tert-Butylbenzene	ND	0.99	0.10	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Tetrachloroethene	ND	2.0	0.19	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Tetrahydrofuran	ND	5.0	1.2	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Toluene	**9.6**	0.99	0.17	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
trans-1,2-Dichloroethene	ND	0.99	0.13	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
trans-1,3-Dichloropropene	ND	0.99	0.12	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Trichloroethene	ND	0.99	0.073	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Trichlorofluoromethane	ND	0.99	0.19	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Vinyl chloride	ND	0.99	0.24	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Surrogate: 1,2-Dichloroethane-d4	*94.4 %*	*Limits: 81-127%*			*B5K0420*	*11/21/05*	*11/26/05*	*EPA 8260B*	*vfa*
Surrogate: 4-Bromofluorobenzene	*102 %*	*Limits: 74-117%*			*B5K0420*	*11/21/05*	*11/26/05*	*EPA 8260B*	*vfa*
Surrogate: Dibromofluoromethane	*99.6 %*	*Limits: 79-127%*			*B5K0420*	*11/21/05*	*11/26/05*	*EPA 8260B*	*vfa*
Surrogate: Toluene-d8	*104 %*	*Limits: 82-115%*			*B5K0420*	*11/21/05*	*11/26/05*	*EPA 8260B*	*vfa*

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Service Engineering Group	Client Ref:05500	Work Order #: 0506040
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

DI Blank

0506040-03 (Water)

11/17/05 0:00

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	
1,1,1-Trichloroethane	ND	1.0	0.050	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	
1,1,2-Trichlorotrifluoroethane	ND	1.0	0.12	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	
1,1-Dichloroethane	ND	1.0	0.053	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	
1,1-Dichloroethene	ND	1.0	0.085	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	
1,1-Dichloropropene	ND	1.0	0.073	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	
1,2,3-Trichlorobenzene	ND	1.0	0.11	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	
1,2,3-Trichloropropane	ND	1.0	0.30	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	
1,2,4-Trichlorobenzene	ND	1.0	0.14	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	
1,2,4-Trimethylbenzene	ND	1.0	0.071	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	
1,2-Dibromo-3-chloropropane	ND	1.0	0.41	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	
1,2-Dibromoethane	ND	1.0	0.064	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	
1,2-Dichlorobenzene	ND	1.0	0.12	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	
1,2-Dichloroethane	ND	1.0	0.053	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	
1,2-Dichloropropane	ND	1.0	0.050	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	
1,3,5-Trimethylbenzene	ND	1.0	0.097	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	
1,3-Dichlorobenzene	ND	1.0	0.083	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	
1,3-Dichloropropane	ND	1.0	0.13	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	
1,4-Dichlorobenzene	ND	1.0	0.12	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	
2,2-Dichloropropane	ND	1.0	0.10	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	
2-Butanone (MEK)	ND	10	1.3	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	
2-Chlorotoluene	ND	1.0	0.20	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	
4-Chlorotoluene	ND	1.0	0.13	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	
4-Isopropyltoluene	ND	1.0	0.058	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	
Acetone	ND	20	1.5	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	
Allyl Chloride	ND	1.0	0.26	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506040
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

DI Blank

0506040-03 (Water)

11/17/05 0:00

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	0.045	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	
Bromobenzene	ND	1.0	0.15	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	
Bromochloromethane	ND	1.0	0.21	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	
Bromodichloromethane	ND	1.0	0.11	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	
Bromoform	ND	5.0	0.13	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	
Bromomethane	ND	1.0	0.14	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	
Carbon Tetrachloride	ND	1.0	0.057	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	
Chlorobenzene	ND	1.0	0.042	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	
Chlorodibromomethane	ND	1.0	0.028	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	
Chloroethane	ND	1.0	0.11	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	
Chloroform	ND	1.0	0.12	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	
Chloromethane	ND	1.0	0.20	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.0	0.10	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.0	0.041	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	
Dibromomethane	ND	1.0	0.20	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	
Dichlorodifluoromethane	ND	1.0	0.13	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	
Dichlorofluoromethane	ND	1.0	0.10	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	
Ethyl Ether	ND	1.0	0.31	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	
Ethylbenzene	ND	1.0	0.10	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	
Hexachlorobutadiene	ND	2.0	0.24	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	
Isopropylbenzene	ND	1.0	0.064	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	
m,p-Xylenes	ND	1.0	0.13	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	
Methyl Isobutyl Ketone	ND	5.0	0.42	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	
Methylene chloride	ND	5.0	0.63	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	
Methyl-t-butyl ether	ND	1.0	0.12	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	
Naphthalene	ND	1.0	0.10	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	
n-Butylbenzene	ND	1.0	0.12	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	
n-Propylbenzene	ND	1.0	0.10	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506040
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

DI Blank

0506040-03 (Water)

11/17/05 0:00

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
o-Xylene	ND	1.0	0.14	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	
sec-Butylbenzene	ND	1.0	0.042	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	
Styrene	ND	1.0	0.047	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	
tert-Butylbenzene	ND	1.0	0.10	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	
Tetrachloroethene	ND	2.0	0.19	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	
Tetrahydrofuran	ND	5.0	1.2	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	
Toluene	ND	1.0	0.17	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	
trans-1,2-Dichloroethene	ND	1.0	0.14	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.0	0.12	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	
Trichloroethene	ND	1.0	0.073	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	
Trichlorofluoromethane	ND	1.0	0.19	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	
Vinyl chloride	ND	1.0	0.25	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4	*99.6 %*	*Limits: 82-128%*			*B5K0527*	*11/25/05*	*11/28/05*	*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene	*102 %*	*Limits: 76-119%*			*B5K0527*	*11/25/05*	*11/28/05*	*EPA 8260B*	
Surrogate: Dibromofluoromethane	*101 %*	*Limits: 79-127%*			*B5K0527*	*11/25/05*	*11/28/05*	*EPA 8260B*	
Surrogate: Toluene-d8	*103 %*	*Limits: 82-116%*			*B5K0527*	*11/25/05*	*11/28/05*	*EPA 8260B*	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506040
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Classical Chemistry Parameters - Quality Control

Batch B5K0451 - NO PREP

Method Blank (B5K0451-BLK1) Prepared: 11/23/05 Analyzed: 11/25/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
% Solids	ND			% Wt	NA	NA	NA	NA	NA	NA	

Standard Reference Material (B5K0451-SRM1) Prepared: 11/23/05 Analyzed: 11/25/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
% Solids	86.2			% Wt	88.8	NA	97.1	90-110	NA	NA	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Metals - Quality Control

Batch B5K0379 - EPA 7470A

Method Blank (B5K0379-BLK1) Prepared & Analyzed: 11/21/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	ND	0.20	0.011	ug/L	NA	NA	NA	NA	NA	NA	

Laboratory Control Sample (B5K0379-BS1) Prepared & Analyzed: 11/21/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	2.69	0.20	0.011	ug/L	2.50	NA	108	85-115	NA	NA	

Laboratory Control Sample Duplicate (B5K0379-BSD1) Prepared & Analyzed: 11/21/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	2.70	0.20	0.011	ug/L	2.50	NA	108	85-115	0.371	20	

Matrix Spike (B5K0379-MS1) **Source: 0506040-01** Prepared & Analyzed: 11/21/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	2.70	0.20	0.011	ug/L	2.50	ND	108	75-125	NA	NA	

Matrix Spike Duplicate (B5K0379-MSD1) **Source: 0506040-01** Prepared & Analyzed: 11/21/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	2.73	0.20	0.011	ug/L	2.50	ND	109	75-125	1.10	20	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5K0407 - EPA 3510C

Method Blank (B5K0407-BLK1) Prepared: 11/22/05 Analyzed: 11/23/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	ND	5.0	0.33	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	ND	5.0	0.27	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Diphenylhydrazine	ND	5.0	0.37	ug/L	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	ND	5.0	0.30	ug/L	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	ND	5.0	0.29	ug/L	NA	NA	NA	NA	NA	NA	
2,4,5-Trichlorophenol	ND	5.0	0.15	ug/L	NA	NA	NA	NA	NA	NA	
2,4,6-Trichlorophenol	ND	5.0	0.23	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dichlorophenol	ND	10	0.28	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dimethylphenol	ND	5.0	0.40	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dinitrophenol	ND	5.0	0.96	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dinitrotoluene	ND	5.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
2,6-Dinitrotoluene	ND	5.0	0.58	ug/L	NA	NA	NA	NA	NA	NA	
2-Chloronaphthalene	ND	5.0	0.30	ug/L	NA	NA	NA	NA	NA	NA	
2-Chlorophenol	ND	10	0.63	ug/L	NA	NA	NA	NA	NA	NA	
2-Methylnaphthalene	ND	5.0	0.39	ug/L	NA	NA	NA	NA	NA	NA	
2-Methylphenol	ND	10	2.5	ug/L	NA	NA	NA	NA	NA	NA	
2-Nitroaniline	ND	5.0	0.46	ug/L	NA	NA	NA	NA	NA	NA	
2-Nitrophenol	ND	10	0.54	ug/L	NA	NA	NA	NA	NA	NA	
3,3-Dichlorobenzidine	ND	5.0	0.54	ug/L	NA	NA	NA	NA	NA	NA	
3-/4-Methylphenol	ND	10	0.28	ug/L	NA	NA	NA	NA	NA	NA	
3-Nitroaniline	ND	5.0	0.66	ug/L	NA	NA	NA	NA	NA	NA	
4,6-Dinitro-2-methylphenol	ND	5.0	0.70	ug/L	NA	NA	NA	NA	NA	NA	
4-Bromophenyl phenyl ether	ND	5.0	0.24	ug/L	NA	NA	NA	NA	NA	NA	
4-Chloro-3-methylphenol	ND	5.0	0.23	ug/L	NA	NA	NA	NA	NA	NA	
4-Chloroaniline	ND	5.0	0.59	ug/L	NA	NA	NA	NA	NA	NA	
4-Chlorophenyl phenyl ether	ND	2.0	0.25	ug/L	NA	NA	NA	NA	NA	NA	
4-Nitroaniline	ND	5.0	0.34	ug/L	NA	NA	NA	NA	NA	NA	
4-Nitrophenol	ND	5.0	0.82	ug/L	NA	NA	NA	NA	NA	NA	
Acenaphthene	ND	2.0	0.26	ug/L	NA	NA	NA	NA	NA	NA	
Acenaphthylene	ND	2.0	0.19	ug/L	NA	NA	NA	NA	NA	NA	
Aniline	ND	5.0	0.88	ug/L	NA	NA	NA	NA	NA	NA	
Anthracene	ND	2.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Benz(a)anthracene	ND	2.0	0.71	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(a)pyrene	ND	2.0	0.77	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(b)fluoranthene	ND	2.0	0.42	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(g,h,i)perylene	ND	2.0	0.67	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(k)fluoranthene	ND	2.0	0.75	ug/L	NA	NA	NA	NA	NA	NA	
Benzyl alcohol	ND	10	0.32	ug/L	NA	NA	NA	NA	NA	NA	
bis(2-Chloroethoxy)methane	ND	5.0	0.34	ug/L	NA	NA	NA	NA	NA	NA	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506040
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5K0407 - EPA 3510C

Method Blank (B5K0407-BLK1) Prepared: 11/22/05 Analyzed: 11/23/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Bis(2-Chloroethyl)ether	ND	5.0	0.42	ug/L	NA	NA	NA	NA	NA	NA	
Bis(2-chloroisopropyl)ether	ND	5.0	0.32	ug/L	NA	NA	NA	NA	NA	NA	
Bis(2-Ethylhexyl)phthalate	ND	5.0	1.5	ug/L	NA	NA	NA	NA	NA	NA	
Butyl benzyl phthalate	ND	5.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
Carbazole	ND	5.0	0.34	ug/L	NA	NA	NA	NA	NA	NA	
Chrysene	ND	2.0	0.70	ug/L	NA	NA	NA	NA	NA	NA	
Dibenz(a,h)anthracene	ND	2.0	0.78	ug/L	NA	NA	NA	NA	NA	NA	
Dibenzofuran	ND	5.0	0.27	ug/L	NA	NA	NA	NA	NA	NA	
Diethylphthalate	ND	5.0	0.30	ug/L	NA	NA	NA	NA	NA	NA	
Dimethyl phthalate	ND	5.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Di-n-butyl phthalate	ND	5.0	0.47	ug/L	NA	NA	NA	NA	NA	NA	
Di-n-octyl phthalate	ND	5.0	0.80	ug/L	NA	NA	NA	NA	NA	NA	
Fluoranthene	ND	2.0	0.26	ug/L	NA	NA	NA	NA	NA	NA	
Fluorene	ND	2.0	0.46	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorobenzene	ND	5.0	0.24	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorobutadiene	ND	5.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorocyclopentadiene	ND	5.0	0.28	ug/L	NA	NA	NA	NA	NA	NA	
Hexachloroethane	ND	5.0	0.35	ug/L	NA	NA	NA	NA	NA	NA	
Indeno(1,2,3-cd)pyrene	ND	2.0	0.78	ug/L	NA	NA	NA	NA	NA	NA	
Isophorone	ND	5.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Naphthalene	ND	5.0	0.32	ug/L	NA	NA	NA	NA	NA	NA	
Nitrobenzene	ND	5.0	0.27	ug/L	NA	NA	NA	NA	NA	NA	
N-Nitrosodimethylamine	ND	5.0	0.26	ug/L	NA	NA	NA	NA	NA	NA	
N-Nitrosodi-n-propylamine	ND	5.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
N-Nitrosodiphenylamine	ND	5.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
Pentachlorophenol	ND	5.0	0.54	ug/L	NA	NA	NA	NA	NA	NA	
Phenanthrene	ND	2.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Phenol	ND	10	2.1	ug/L	NA	NA	NA	NA	NA	NA	
Pyrene	ND	2.0	0.50	ug/L	NA	NA	NA	NA	NA	NA	
Pyridine	ND	10	2.4	ug/L	NA	NA	NA	NA	NA	NA	
Surrogate: 2,4,6-Tribromophenol	*50.5*			ug/L	*50.0*	*NA*	*101*	*65-100*			*vm*
Surrogate: 2-Fluorobiphenyl	*21.0*			ug/L	*25.0*	*NA*	*84.0*	*59-101*			
Surrogate: 2-Fluorophenol	*21.2*			ug/L	*50.0*	*NA*	*42.4*	*30-75*			
Surrogate: Nitrobenzene-d5	*17.3*			ug/L	*25.0*	*NA*	*69.2*	*57-101*			
Surrogate: Phenol-d6	*18.5*			ug/L	*50.0*	*NA*	*37.0*	*30-75*			
Surrogate: Terphenyl-d14	*22.7*			ug/L	*25.0*	*NA*	*90.8*	*65-100*			

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675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5K0407 - EPA 3510C

Laboratory Control Sample (B5K0407-BS1) Prepared: 11/22/05 Analyzed: 11/23/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	34.8	5.0	0.33	ug/L	50.0	NA	69.6	30-120	NA	NA	
1,4-Dichlorobenzene	34.1	5.0	0.29	ug/L	50.0	NA	68.2	40-110	NA	NA	
2,4-Dinitrophenol	29.9	5.0	0.96	ug/L	50.0	NA	59.8	60-120	NA	NA	
2-Chlorophenol	32.4	10	0.63	ug/L	50.0	NA	64.8	40-100	NA	NA	
4-Chloro-3-methylphenol	37.3	5.0	0.23	ug/L	50.0	NA	74.6	50-110	NA	NA	
4-Nitrophenol	24.4	5.0	0.82	ug/L	50.0	NA	48.8	30-80	NA	NA	
Acenaphthene	39.5	2.0	0.26	ug/L	50.0	NA	79.0	50-110	NA	NA	
N-Nitrosodi-n-propylamine	40.7	5.0	0.31	ug/L	50.0	NA	81.4	45-120	NA	NA	
Pentachlorophenol	45.1	5.0	0.54	ug/L	50.0	NA	90.2	45-115	NA	NA	
Phenol	19.6	10	2.1	ug/L	50.0	NA	39.2	30-80	NA	NA	
Pyrene	47.8	2.0	0.50	ug/L	50.0	NA	95.6	55-120	NA	NA	
Surrogate: 2,4,6-Tribromophenol	*49.3*			ug/L	*50.0*	*NA*	*98.6*	*65-100*			
Surrogate: 2-Fluorobiphenyl	*19.0*			ug/L	*25.0*	*NA*	*76.0*	*59-101*			
Surrogate: 2-Fluorophenol	*21.7*			ug/L	*50.0*	*NA*	*43.4*	*30-75*			
Surrogate: Nitrobenzene-d5	*16.2*			ug/L	*25.0*	*NA*	*64.8*	*57-101*			
Surrogate: Phenol-d6	*18.7*			ug/L	*50.0*	*NA*	*37.4*	*30-75*			
Surrogate: Terphenyl-d14	*23.2*			ug/L	*25.0*	*NA*	*92.8*	*65-100*			

Laboratory Control Sample Duplicate (B5K0407-BSD1) Prepared: 11/22/05 Analyzed: 11/23/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	33.7	5.0	0.33	ug/L	50.0	NA	67.4	30-120	3.21	20	
1,4-Dichlorobenzene	31.1	5.0	0.29	ug/L	50.0	NA	62.2	40-110	9.20	20	
2,4-Dinitrophenol	36.6	5.0	0.96	ug/L	50.0	NA	73.2	60-120	20.2	20	
2-Chlorophenol	30.9	10	0.63	ug/L	50.0	NA	61.8	40-100	4.74	20	
4-Chloro-3-methylphenol	36.7	5.0	0.23	ug/L	50.0	NA	73.4	50-110	1.62	20	
4-Nitrophenol	25.6	5.0	0.82	ug/L	50.0	NA	51.2	30-80	4.80	20	
Acenaphthene	39.2	2.0	0.26	ug/L	50.0	NA	78.4	50-110	0.762	20	
N-Nitrosodi-n-propylamine	39.2	5.0	0.31	ug/L	50.0	NA	78.4	45-120	3.75	20	
Pentachlorophenol	45.7	5.0	0.54	ug/L	50.0	NA	91.4	45-115	1.32	20	
Phenol	19.3	10	2.1	ug/L	50.0	NA	38.6	30-80	1.54	20	
Pyrene	46.0	2.0	0.50	ug/L	50.0	NA	92.0	55-120	3.84	20	
Surrogate: 2,4,6-Tribromophenol	*50.8*			ug/L	*50.0*	*NA*	*102*	*65-100*			
Surrogate: 2-Fluorobiphenyl	*18.9*			ug/L	*25.0*	*NA*	*75.6*	*59-101*			
Surrogate: 2-Fluorophenol	*21.1*			ug/L	*50.0*	*NA*	*42.2*	*30-75*			
Surrogate: Nitrobenzene-d5	*16.9*			ug/L	*25.0*	*NA*	*67.6*	*57-101*			
Surrogate: Phenol-d6	*19.2*			ug/L	*50.0*	*NA*	*38.4*	*30-75*			
Surrogate: Terphenyl-d14	*23.2*			ug/L	*25.0*	*NA*	*92.8*	*65-100*			

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5K0420 - EPA 5035

Method Blank (B5K0420-BLK1) Prepared & Analyzed: 11/21/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	ND	0.050	0.0071	mg/kg	NA	NA	NA	NA	NA	NA	
1,1,1-Trichloroethane	ND	0.050	0.0030	mg/kg	NA	NA	NA	NA	NA	NA	
1,1,2,2-Tetrachloroethane	ND	0.050	0.012	mg/kg	NA	NA	NA	NA	NA	NA	
1,1,2-Trichloroethane	ND	0.050	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
1,1,2-Trichlorotrifluoroethane	ND	0.050	0.0058	mg/kg	NA	NA	NA	NA	NA	NA	
1,1-Dichloroethane	ND	0.050	0.0027	mg/kg	NA	NA	NA	NA	NA	NA	
1,1-Dichloroethene	ND	0.050	0.0043	mg/kg	NA	NA	NA	NA	NA	NA	
1,1-Dichloropropene	ND	0.050	0.0037	mg/kg	NA	NA	NA	NA	NA	NA	
1,2,3-Trichlorobenzene	ND	0.050	0.0055	mg/kg	NA	NA	NA	NA	NA	NA	
1,2,3-Trichloropropane	ND	0.050	0.015	mg/kg	NA	NA	NA	NA	NA	NA	
1,2,4-Trichlorobenzene	ND	0.050	0.0072	mg/kg	NA	NA	NA	NA	NA	NA	
1,2,4-Trimethylbenzene	ND	0.050	0.0035	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Dibromo-3-chloropropane	ND	0.050	0.020	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Dibromoethane	ND	0.050	0.0032	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	ND	0.050	0.0059	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Dichloroethane	ND	0.050	0.0027	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Dichloropropane	ND	0.050	0.0025	mg/kg	NA	NA	NA	NA	NA	NA	
1,3,5-Trimethylbenzene	ND	0.050	0.0049	mg/kg	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	ND	0.050	0.0042	mg/kg	NA	NA	NA	NA	NA	NA	
1,3-Dichloropropane	ND	0.050	0.0063	mg/kg	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	ND	0.050	0.0060	mg/kg	NA	NA	NA	NA	NA	NA	
2,2-Dichloropropane	ND	0.050	0.0052	mg/kg	NA	NA	NA	NA	NA	NA	
2-Butanone (MEK)	ND	0.50	0.066	mg/kg	NA	NA	NA	NA	NA	NA	
2-Chlorotoluene	ND	0.050	0.0097	mg/kg	NA	NA	NA	NA	NA	NA	
4-Chlorotoluene	ND	0.050	0.0066	mg/kg	NA	NA	NA	NA	NA	NA	
4-Isopropyltoluene	ND	0.050	0.0029	mg/kg	NA	NA	NA	NA	NA	NA	
Acetone	ND	1.0	0.077	mg/kg	NA	NA	NA	NA	NA	NA	
Allyl Chloride	ND	0.050	0.013	mg/kg	NA	NA	NA	NA	NA	NA	
Benzene	ND	0.050	0.0022	mg/kg	NA	NA	NA	NA	NA	NA	
Bromobenzene	ND	0.050	0.0074	mg/kg	NA	NA	NA	NA	NA	NA	
Bromochloromethane	ND	0.050	0.011	mg/kg	NA	NA	NA	NA	NA	NA	
Bromodichloromethane	ND	0.050	0.0053	mg/kg	NA	NA	NA	NA	NA	NA	
Bromoform	ND	0.25	0.0064	mg/kg	NA	NA	NA	NA	NA	NA	
Bromomethane	ND	0.050	0.0068	mg/kg	NA	NA	NA	NA	NA	NA	
Carbon Tetrachloride	ND	0.050	0.0028	mg/kg	NA	NA	NA	NA	NA	NA	
Chlorobenzene	ND	0.050	0.0021	mg/kg	NA	NA	NA	NA	NA	NA	
Chlorodibromomethane	ND	0.050	0.0015	mg/kg	NA	NA	NA	NA	NA	NA	
Chloroethane	ND	0.050	0.0056	mg/kg	NA	NA	NA	NA	NA	NA	
Chloroform	ND	0.050	0.0058	mg/kg	NA	NA	NA	NA	NA	NA	

The results in this report apply only to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

BRAUN INTERTEC

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Service Engineering Group	Client Ref:05500	Work Order #: 0506040
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5K0420 - EPA 5035

Method Blank (B5K0420-BLK1) Prepared & Analyzed: 11/21/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	ND	0.050	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
cis-1,2-Dichloroethene	ND	0.050	0.0052	mg/kg	NA	NA	NA	NA	NA	NA	
cis-1,3-Dichloropropene	ND	0.050	0.0020	mg/kg	NA	NA	NA	NA	NA	NA	
Dibromomethane	ND	0.050	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Dichlorodifluoromethane	ND	0.050	0.0063	mg/kg	NA	NA	NA	NA	NA	NA	
Dichlorofluoromethane	ND	0.050	0.0052	mg/kg	NA	NA	NA	NA	NA	NA	
Ethyl Ether	ND	0.050	0.015	mg/kg	NA	NA	NA	NA	NA	NA	
Ethylbenzene	ND	0.050	0.0053	mg/kg	NA	NA	NA	NA	NA	NA	
Hexachlorobutadiene	ND	0.10	0.012	mg/kg	NA	NA	NA	NA	NA	NA	
Isopropylbenzene	ND	0.050	0.0032	mg/kg	NA	NA	NA	NA	NA	NA	
m,p-Xylenes	ND	0.050	0.0063	mg/kg	NA	NA	NA	NA	NA	NA	
Methyl Isobutyl Ketone	ND	0.25	0.021	mg/kg	NA	NA	NA	NA	NA	NA	
Methylene chloride	ND	0.25	0.032	mg/kg	NA	NA	NA	NA	NA	NA	
Methyl-t-butyl ether	ND	0.050	0.0060	mg/kg	NA	NA	NA	NA	NA	NA	
Naphthalene	ND	0.050	0.0050	mg/kg	NA	NA	NA	NA	NA	NA	
n-Butylbenzene	ND	0.050	0.0061	mg/kg	NA	NA	NA	NA	NA	NA	
n-Propylbenzene	ND	0.050	0.0052	mg/kg	NA	NA	NA	NA	NA	NA	
o-Xylene	ND	0.050	0.0070	mg/kg	NA	NA	NA	NA	NA	NA	
sec-Butylbenzene	ND	0.050	0.0021	mg/kg	NA	NA	NA	NA	NA	NA	
Styrene	ND	0.050	0.0023	mg/kg	NA	NA	NA	NA	NA	NA	
tert-Butylbenzene	ND	0.050	0.0051	mg/kg	NA	NA	NA	NA	NA	NA	
Tetrachloroethene	ND	0.10	0.0095	mg/kg	NA	NA	NA	NA	NA	NA	
Tetrahydrofuran	ND	0.25	0.058	mg/kg	NA	NA	NA	NA	NA	NA	
Toluene	ND	0.050	0.0086	mg/kg	NA	NA	NA	NA	NA	NA	
trans-1,2-Dichloroethene	ND	0.050	0.0068	mg/kg	NA	NA	NA	NA	NA	NA	
trans-1,3-Dichloropropene	ND	0.050	0.0059	mg/kg	NA	NA	NA	NA	NA	NA	
Trichloroethene	ND	0.050	0.0037	mg/kg	NA	NA	NA	NA	NA	NA	
Trichlorofluoromethane	ND	0.050	0.0095	mg/kg	NA	NA	NA	NA	NA	NA	
Vinyl chloride	ND	0.050	0.012	mg/kg	NA	NA	NA	NA	NA	NA	
Surrogate: 1,2-Dichloroethane-d4	*26.1*			ug/L	*25.0*	*NA*	*104*	*81-127*			
Surrogate: 4-Bromofluorobenzene	*23.0*			ug/L	*25.0*	*NA*	*92.0*	*74-117*			
Surrogate: Dibromofluoromethane	*24.1*			ug/L	*25.0*	*NA*	*96.4*	*79-127*			
Surrogate: Toluene-d8	*25.5*			ug/L	*25.0*	*NA*	*102*	*82-115*			

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Service Engineering Group	Client Ref:05500	Work Order #: 0506040
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5K0420 - EPA 5035

Laboratory Control Sample (B5K0420-BS1) Prepared & Analyzed: 11/21/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	1.24	0.050	0.0071	mg/kg	1.25	NA	99.2	80-120	NA	NA	
1,1,1-Trichloroethane	1.26	0.050	0.0030	mg/kg	1.25	NA	101	80-120	NA	NA	
1,1,2,2-Tetrachloroethane	1.30	0.050	0.012	mg/kg	1.25	NA	104	80-120	NA	NA	
1,1,2-Trichloroethane	1.32	0.050	0.010	mg/kg	1.25	NA	106	80-120	NA	NA	
1,1,2-Trichlorotrifluoroethane	1.29	0.050	0.0058	mg/kg	1.25	NA	103	80-120	NA	NA	
1,1-Dichloroethane	1.26	0.050	0.0027	mg/kg	1.25	NA	101	80-120	NA	NA	
1,1-Dichloroethene	1.31	0.050	0.0043	mg/kg	1.25	NA	105	80-120	NA	NA	
1,1-Dichloropropene	1.23	0.050	0.0037	mg/kg	1.25	NA	98.4	80-120	NA	NA	
1,2,3-Trichlorobenzene	1.35	0.050	0.0055	mg/kg	1.25	NA	108	80-120	NA	NA	
1,2,3-Trichloropropane	1.33	0.050	0.015	mg/kg	1.25	NA	106	80-120	NA	NA	
1,2,4-Trichlorobenzene	1.33	0.050	0.0072	mg/kg	1.25	NA	106	80-120	NA	NA	
1,2,4-Trimethylbenzene	1.26	0.050	0.0035	mg/kg	1.25	NA	101	80-120	NA	NA	
1,2-Dibromo-3-chloropropane	1.26	0.050	0.020	mg/kg	1.25	NA	101	80-120	NA	NA	
1,2-Dibromoethane	1.23	0.050	0.0032	mg/kg	1.25	NA	98.4	80-120	NA	NA	
1,2-Dichlorobenzene	1.22	0.050	0.0059	mg/kg	1.25	NA	97.6	80-120	NA	NA	
1,2-Dichloroethane	1.24	0.050	0.0027	mg/kg	1.25	NA	99.2	80-120	NA	NA	
1,2-Dichloropropane	1.31	0.050	0.0025	mg/kg	1.25	NA	105	80-120	NA	NA	
1,3,5-Trimethylbenzene	1.27	0.050	0.0049	mg/kg	1.25	NA	102	80-120	NA	NA	
1,3-Dichlorobenzene	1.32	0.050	0.0042	mg/kg	1.25	NA	106	80-120	NA	NA	
1,3-Dichloropropane	1.31	0.050	0.0063	mg/kg	1.25	NA	105	80-120	NA	NA	
1,4-Dichlorobenzene	1.28	0.050	0.0060	mg/kg	1.25	NA	102	80-120	NA	NA	
2,2-Dichloropropane	1.31	0.050	0.0052	mg/kg	1.25	NA	105	80-120	NA	NA	
2-Butanone (MEK)	1.19	0.50	0.066	mg/kg	1.25	NA	95.2	80-120	NA	NA	
2-Chlorotoluene	1.25	0.050	0.0097	mg/kg	1.25	NA	100	80-120	NA	NA	
4-Chlorotoluene	1.24	0.050	0.0066	mg/kg	1.25	NA	99.2	80-120	NA	NA	
4-Isopropyltoluene	1.25	0.050	0.0029	mg/kg	1.25	NA	100	80-120	NA	NA	
Acetone	1.16	1.0	0.077	mg/kg	1.25	NA	92.8	80-120	NA	NA	
Allyl Chloride	1.25	0.050	0.013	mg/kg	1.25	NA	100	80-120	NA	NA	
Benzene	1.31	0.050	0.0022	mg/kg	1.25	NA	105	80-120	NA	NA	
Bromobenzene	1.30	0.050	0.0074	mg/kg	1.25	NA	104	80-120	NA	NA	
Bromochloromethane	1.27	0.050	0.011	mg/kg	1.25	NA	102	80-120	NA	NA	
Bromodichloromethane	1.32	0.050	0.0053	mg/kg	1.25	NA	106	80-120	NA	NA	
Bromoform	1.19	0.25	0.0064	mg/kg	1.25	NA	95.2	80-120	NA	NA	
Bromomethane	1.27	0.050	0.0068	mg/kg	1.25	NA	102	80-120	NA	NA	
Carbon Tetrachloride	1.30	0.050	0.0028	mg/kg	1.25	NA	104	80-120	NA	NA	
Chlorobenzene	1.31	0.050	0.0021	mg/kg	1.25	NA	105	80-120	NA	NA	
Chlorodibromomethane	1.22	0.050	0.0015	mg/kg	1.25	NA	97.6	80-120	NA	NA	
Chloroethane	1.17	0.050	0.0056	mg/kg	1.25	NA	93.6	80-120	NA	NA	
Chloroform	1.25	0.050	0.0058	mg/kg	1.25	NA	100	80-120	NA	NA	

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675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5K0420 - EPA 5035

Laboratory Control Sample (B5K0420-BS1) Prepared & Analyzed: 11/21/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	1.11	0.050	0.010	mg/kg	1.25	NA	88.8	80-120	NA	NA	
cis-1,2-Dichloroethene	1.33	0.050	0.0052	mg/kg	1.25	NA	106	80-120	NA	NA	
cis-1,3-Dichloropropene	1.24	0.050	0.0020	mg/kg	1.25	NA	99.2	80-120	NA	NA	
Dibromomethane	1.27	0.050	0.010	mg/kg	1.25	NA	102	80-120	NA	NA	
Dichlorodifluoromethane	1.19	0.050	0.0063	mg/kg	1.25	NA	95.2	80-120	NA	NA	
Dichlorofluoromethane	1.14	0.050	0.0052	mg/kg	1.25	NA	91.2	80-120	NA	NA	
Ethyl Ether	1.20	0.050	0.015	mg/kg	1.25	NA	96.0	80-120	NA	NA	
Ethylbenzene	1.29	0.050	0.0053	mg/kg	1.25	NA	103	80-120	NA	NA	
Hexachlorobutadiene	1.36	0.10	0.012	mg/kg	1.25	NA	109	80-120	NA	NA	
Isopropylbenzene	1.27	0.050	0.0032	mg/kg	1.25	NA	102	80-120	NA	NA	
m,p-Xylenes	2.48	0.050	0.0063	mg/kg	2.50	NA	99.2	80-120	NA	NA	
Methyl Isobutyl Ketone	1.15	0.25	0.021	mg/kg	1.25	NA	92.0	80-120	NA	NA	
Methylene chloride	1.17	0.25	0.032	mg/kg	1.25	NA	93.6	80-120	NA	NA	
Methyl-t-butyl ether	1.23	0.050	0.0060	mg/kg	1.25	NA	98.4	80-120	NA	NA	
Naphthalene	1.33	0.050	0.0050	mg/kg	1.25	NA	106	80-120	NA	NA	
n-Butylbenzene	1.29	0.050	0.0061	mg/kg	1.25	NA	103	80-120	NA	NA	
n-Propylbenzene	1.23	0.050	0.0052	mg/kg	1.25	NA	98.4	80-120	NA	NA	
o-Xylene	1.24	0.050	0.0070	mg/kg	1.25	NA	99.2	80-120	NA	NA	
sec-Butylbenzene	1.28	0.050	0.0021	mg/kg	1.25	NA	102	80-120	NA	NA	
Styrene	1.24	0.050	0.0023	mg/kg	1.25	NA	99.2	80-120	NA	NA	
tert-Butylbenzene	1.25	0.050	0.0051	mg/kg	1.25	NA	100	80-120	NA	NA	
Tetrachloroethene	1.23	0.10	0.0095	mg/kg	1.25	NA	98.4	80-120	NA	NA	
Tetrahydrofuran	1.15	0.25	0.058	mg/kg	1.25	NA	92.0	80-120	NA	NA	
Toluene	1.33	0.050	0.0086	mg/kg	1.25	NA	106	80-120	NA	NA	
trans-1,2-Dichloroethene	1.34	0.050	0.0068	mg/kg	1.25	NA	107	80-120	NA	NA	
trans-1,3-Dichloropropene	1.24	0.050	0.0059	mg/kg	1.25	NA	99.2	80-120	NA	NA	
Trichloroethene	1.22	0.050	0.0037	mg/kg	1.25	NA	97.6	80-120	NA	NA	
Trichlorofluoromethane	1.24	0.050	0.0095	mg/kg	1.25	NA	99.2	80-120	NA	NA	
Vinyl chloride	1.12	0.050	0.012	mg/kg	1.25	NA	89.6	80-120	NA	NA	
Surrogate: 1,2-Dichloroethane-d4	*24.1*			ug/L	*25.0*	*NA*	*96.4*	*81-127*			
Surrogate: 4-Bromofluorobenzene	*26.1*			ug/L	*25.0*	*NA*	*104*	*74-117*			
Surrogate: Dibromofluoromethane	*25.0*			ug/L	*25.0*	*NA*	*100*	*79-127*			
Surrogate: Toluene-d8	*25.4*			ug/L	*25.0*	*NA*	*102*	*82-115*			

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Service Engineering Group	Client Ref:05500	Work Order #: 0506040
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5K0420 - EPA 5035

Laboratory Control Sample Duplicate (B5K0420-BSD1) Prepared & Analyzed: 11/21/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	1.22	0.050	0.0071	mg/kg	1.25	NA	97.6	80-120	1.63	20	
1,1,1-Trichloroethane	1.24	0.050	0.0030	mg/kg	1.25	NA	99.2	80-120	1.60	20	
1,1,2,2-Tetrachloroethane	1.27	0.050	0.012	mg/kg	1.25	NA	102	80-120	2.33	20	
1,1,2-Trichloroethane	1.30	0.050	0.010	mg/kg	1.25	NA	104	80-120	1.53	20	
1,1,2-Trichlorotrifluoroethane	1.24	0.050	0.0058	mg/kg	1.25	NA	99.2	80-120	3.95	20	
1,1-Dichloroethane	1.23	0.050	0.0027	mg/kg	1.25	NA	98.4	80-120	2.41	20	
1,1-Dichloroethene	1.32	0.050	0.0043	mg/kg	1.25	NA	106	80-120	0.760	20	
1,1-Dichloropropene	1.20	0.050	0.0037	mg/kg	1.25	NA	96.0	80-120	2.47	20	
1,2,3-Trichlorobenzene	1.40	0.050	0.0055	mg/kg	1.25	NA	112	80-120	3.64	20	
1,2,3-Trichloropropane	1.33	0.050	0.015	mg/kg	1.25	NA	106	80-120	0.00	20	
1,2,4-Trichlorobenzene	1.34	0.050	0.0072	mg/kg	1.25	NA	107	80-120	0.749	20	
1,2,4-Trimethylbenzene	1.26	0.050	0.0035	mg/kg	1.25	NA	101	80-120	0.00	20	
1,2-Dibromo-3-chloropropane	1.26	0.050	0.020	mg/kg	1.25	NA	101	80-120	0.00	20	
1,2-Dibromoethane	1.22	0.050	0.0032	mg/kg	1.25	NA	97.6	80-120	0.816	20	
1,2-Dichlorobenzene	1.22	0.050	0.0059	mg/kg	1.25	NA	97.6	80-120	0.00	20	
1,2-Dichloroethane	1.24	0.050	0.0027	mg/kg	1.25	NA	99.2	80-120	0.00	20	
1,2-Dichloropropane	1.26	0.050	0.0025	mg/kg	1.25	NA	101	80-120	3.89	20	
1,3,5-Trimethylbenzene	1.26	0.050	0.0049	mg/kg	1.25	NA	101	80-120	0.791	20	
1,3-Dichlorobenzene	1.29	0.050	0.0042	mg/kg	1.25	NA	103	80-120	2.30	20	
1,3-Dichloropropane	1.31	0.050	0.0063	mg/kg	1.25	NA	105	80-120	0.00	20	
1,4-Dichlorobenzene	1.27	0.050	0.0060	mg/kg	1.25	NA	102	80-120	0.784	20	
2,2-Dichloropropane	1.28	0.050	0.0052	mg/kg	1.25	NA	102	80-120	2.32	20	
2-Butanone (MEK)	1.28	0.50	0.066	mg/kg	1.25	NA	102	80-120	7.29	20	
2-Chlorotoluene	1.21	0.050	0.0097	mg/kg	1.25	NA	96.8	80-120	3.25	20	
4-Chlorotoluene	1.21	0.050	0.0066	mg/kg	1.25	NA	96.8	80-120	2.45	20	
4-Isopropyltoluene	1.24	0.050	0.0029	mg/kg	1.25	NA	99.2	80-120	0.803	20	
Acetone	1.13	1.0	0.077	mg/kg	1.25	NA	90.4	80-120	2.62	20	
Allyl Chloride	1.23	0.050	0.013	mg/kg	1.25	NA	98.4	80-120	1.61	20	
Benzene	1.28	0.050	0.0022	mg/kg	1.25	NA	102	80-120	2.32	20	
Bromobenzene	1.29	0.050	0.0074	mg/kg	1.25	NA	103	80-120	0.772	20	
Bromochloromethane	1.29	0.050	0.011	mg/kg	1.25	NA	103	80-120	1.56	20	
Bromodichloromethane	1.27	0.050	0.0053	mg/kg	1.25	NA	102	80-120	3.86	20	
Bromoform	1.17	0.25	0.0064	mg/kg	1.25	NA	93.6	80-120	1.69	20	
Bromomethane	1.24	0.050	0.0068	mg/kg	1.25	NA	99.2	80-120	2.39	20	
Carbon Tetrachloride	1.26	0.050	0.0028	mg/kg	1.25	NA	101	80-120	3.12	20	
Chlorobenzene	1.29	0.050	0.0021	mg/kg	1.25	NA	103	80-120	1.54	20	
Chlorodibromomethane	1.22	0.050	0.0015	mg/kg	1.25	NA	97.6	80-120	0.00	20	
Chloroethane	1.14	0.050	0.0056	mg/kg	1.25	NA	91.2	80-120	2.60	20	
Chloroform	1.23	0.050	0.0058	mg/kg	1.25	NA	98.4	80-120	1.61	20	

The results in this report apply only to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Service Engineering Group	Client Ref:05500	Work Order #: 0506040
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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5K0420 - EPA 5035

Laboratory Control Sample Duplicate (B5K0420-BSD1) Prepared & Analyzed: 11/21/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	1.07	0.050	0.010	mg/kg	1.25	NA	85.6	80-120	3.67	20	
cis-1,2-Dichloroethene	1.31	0.050	0.0052	mg/kg	1.25	NA	105	80-120	1.52	20	
cis-1,3-Dichloropropene	1.22	0.050	0.0020	mg/kg	1.25	NA	97.6	80-120	1.63	20	
Dibromomethane	1.24	0.050	0.010	mg/kg	1.25	NA	99.2	80-120	2.39	20	
Dichlorodifluoromethane	1.16	0.050	0.0063	mg/kg	1.25	NA	92.8	80-120	2.55	20	
Dichlorofluoromethane	1.13	0.050	0.0052	mg/kg	1.25	NA	90.4	80-120	0.881	20	
Ethyl Ether	1.19	0.050	0.015	mg/kg	1.25	NA	95.2	80-120	0.837	20	
Ethylbenzene	1.25	0.050	0.0053	mg/kg	1.25	NA	100	80-120	3.15	20	
Hexachlorobutadiene	1.36	0.10	0.012	mg/kg	1.25	NA	109	80-120	0.00	20	
Isopropylbenzene	1.23	0.050	0.0032	mg/kg	1.25	NA	98.4	80-120	3.20	20	
m,p-Xylenes	2.39	0.050	0.0063	mg/kg	2.50	NA	95.6	80-120	3.70	20	
Methyl Isobutyl Ketone	1.14	0.25	0.021	mg/kg	1.25	NA	91.2	80-120	0.873	20	
Methylene chloride	1.18	0.25	0.032	mg/kg	1.25	NA	94.4	80-120	0.851	20	
Methyl-t-butyl ether	1.21	0.050	0.0060	mg/kg	1.25	NA	96.8	80-120	1.64	20	
Naphthalene	1.36	0.050	0.0050	mg/kg	1.25	NA	109	80-120	2.23	20	
n-Butylbenzene	1.28	0.050	0.0061	mg/kg	1.25	NA	102	80-120	0.778	20	
n-Propylbenzene	1.22	0.050	0.0052	mg/kg	1.25	NA	97.6	80-120	0.816	20	
o-Xylene	1.20	0.050	0.0070	mg/kg	1.25	NA	96.0	80-120	3.28	20	
sec-Butylbenzene	1.26	0.050	0.0021	mg/kg	1.25	NA	101	80-120	1.57	20	
Styrene	1.20	0.050	0.0023	mg/kg	1.25	NA	96.0	80-120	3.28	20	
tert-Butylbenzene	1.25	0.050	0.0051	mg/kg	1.25	NA	100	80-120	0.00	20	
Tetrachloroethene	1.22	0.10	0.0095	mg/kg	1.25	NA	97.6	80-120	0.816	20	
Tetrahydrofuran	1.17	0.25	0.058	mg/kg	1.25	NA	93.6	80-120	1.72	20	
Toluene	1.31	0.050	0.0086	mg/kg	1.25	NA	105	80-120	1.52	20	
trans-1,2-Dichloroethene	1.34	0.050	0.0068	mg/kg	1.25	NA	107	80-120	0.00	20	
trans-1,3-Dichloropropene	1.22	0.050	0.0059	mg/kg	1.25	NA	97.6	80-120	1.63	20	
Trichloroethene	1.18	0.050	0.0037	mg/kg	1.25	NA	94.4	80-120	3.33	20	
Trichlorofluoromethane	1.19	0.050	0.0095	mg/kg	1.25	NA	95.2	80-120	4.12	20	
Vinyl chloride	1.14	0.050	0.012	mg/kg	1.25	NA	91.2	80-120	1.77	20	
Surrogate: 1,2-Dichloroethane-d4	*23.9*			ug/L	*25.0*	*NA*	*95.6*	*81-127*			
Surrogate: 4-Bromofluorobenzene	*26.0*			ug/L	*25.0*	*NA*	*104*	*74-117*			
Surrogate: Dibromofluoromethane	*25.1*			ug/L	*25.0*	*NA*	*100*	*79-127*			
Surrogate: Toluene-d8	*25.1*			ug/L	*25.0*	*NA*	*100*	*82-115*			

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Service Engineering Group	Client Ref:05500	Work Order #: 0506040
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5K0527 - EPA 5030B

Method Blank (B5K0527-BLK1) Prepared: 11/25/05 Analyzed: 11/26/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
1,1,1-Trichloroethane	ND	1.0	0.050	ug/L	NA	NA	NA	NA	NA	NA	
1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/L	NA	NA	NA	NA	NA	NA	
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
1,1,2-Trichlorotrifluoroethane	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
1,1-Dichloroethane	ND	1.0	0.053	ug/L	NA	NA	NA	NA	NA	NA	
1,1-Dichloroethene	ND	1.0	0.085	ug/L	NA	NA	NA	NA	NA	NA	
1,1-Dichloropropene	ND	1.0	0.073	ug/L	NA	NA	NA	NA	NA	NA	
1,2,3-Trichlorobenzene	ND	1.0	0.11	ug/L	NA	NA	NA	NA	NA	NA	
1,2,3-Trichloropropane	ND	1.0	0.30	ug/L	NA	NA	NA	NA	NA	NA	
1,2,4-Trichlorobenzene	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
1,2,4-Trimethylbenzene	ND	1.0	0.071	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dibromo-3-chloropropane	ND	1.0	0.41	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dibromoethane	ND	1.0	0.064	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichloroethane	ND	1.0	0.053	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichloropropane	ND	1.0	0.050	ug/L	NA	NA	NA	NA	NA	NA	
1,3,5-Trimethylbenzene	ND	1.0	0.097	ug/L	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	ND	1.0	0.083	ug/L	NA	NA	NA	NA	NA	NA	
1,3-Dichloropropane	ND	1.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
2,2-Dichloropropane	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
2-Butanone (MEK)	ND	10	1.3	ug/L	NA	NA	NA	NA	NA	NA	
2-Chlorotoluene	ND	1.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
4-Chlorotoluene	ND	1.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
4-Isopropyltoluene	ND	1.0	0.058	ug/L	NA	NA	NA	NA	NA	NA	
Acetone	ND	20	1.5	ug/L	NA	NA	NA	NA	NA	NA	
Allyl Chloride	ND	1.0	0.26	ug/L	NA	NA	NA	NA	NA	NA	
Benzene	ND	1.0	0.045	ug/L	NA	NA	NA	NA	NA	NA	
Bromobenzene	ND	1.0	0.15	ug/L	NA	NA	NA	NA	NA	NA	
Bromochloromethane	ND	1.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Bromodichloromethane	ND	1.0	0.11	ug/L	NA	NA	NA	NA	NA	NA	
Bromoform	ND	5.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
Bromomethane	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
Carbon Tetrachloride	ND	1.0	0.057	ug/L	NA	NA	NA	NA	NA	NA	
Chlorobenzene	ND	1.0	0.042	ug/L	NA	NA	NA	NA	NA	NA	
Chlorodibromomethane	ND	1.0	0.028	ug/L	NA	NA	NA	NA	NA	NA	
Chloroethane	ND	1.0	0.11	ug/L	NA	NA	NA	NA	NA	NA	
Chloroform	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506040
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5K0527 - EPA 5030B

Method Blank (B5K0527-BLK1) Prepared: 11/25/05 Analyzed: 11/26/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	ND	1.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
cis-1,2-Dichloroethene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
cis-1,3-Dichloropropene	ND	1.0	0.041	ug/L	NA	NA	NA	NA	NA	NA	
Dibromomethane	ND	1.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
Dichlorodifluoromethane	ND	1.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
Dichlorofluoromethane	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
Ethyl Ether	ND	1.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
Ethylbenzene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorobutadiene	ND	2.0	0.24	ug/L	NA	NA	NA	NA	NA	NA	
Isopropylbenzene	ND	1.0	0.064	ug/L	NA	NA	NA	NA	NA	NA	
m,p-Xylenes	ND	1.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
Methyl Isobutyl Ketone	ND	5.0	0.42	ug/L	NA	NA	NA	NA	NA	NA	
Methylene chloride	ND	5.0	0.63	ug/L	NA	NA	NA	NA	NA	NA	
Methyl-t-butyl ether	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
Naphthalene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
n-Butylbenzene	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
n-Propylbenzene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
o-Xylene	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
sec-Butylbenzene	ND	1.0	0.042	ug/L	NA	NA	NA	NA	NA	NA	
Styrene	ND	1.0	0.047	ug/L	NA	NA	NA	NA	NA	NA	
tert-Butylbenzene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
Tetrachloroethene	ND	2.0	0.19	ug/L	NA	NA	NA	NA	NA	NA	
Tetrahydrofuran	ND	5.0	1.2	ug/L	NA	NA	NA	NA	NA	NA	
Toluene	ND	1.0	0.17	ug/L	NA	NA	NA	NA	NA	NA	
trans-1,2-Dichloroethene	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
trans-1,3-Dichloropropene	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
Trichloroethene	ND	1.0	0.073	ug/L	NA	NA	NA	NA	NA	NA	
Trichlorofluoromethane	ND	1.0	0.19	ug/L	NA	NA	NA	NA	NA	NA	
Vinyl chloride	ND	1.0	0.25	ug/L	NA	NA	NA	NA	NA	NA	
Surrogate: 1,2-Dichloroethane-d4	*24.7*			ug/L	*25.0*	*NA*	*98.8*	*82-128*			
Surrogate: 4-Bromofluorobenzene	*24.9*			ug/L	*25.0*	*NA*	*99.6*	*76-119*			
Surrogate: Dibromofluoromethane	*24.7*			ug/L	*25.0*	*NA*	*98.8*	*79-127*			
Surrogate: Toluene-d8	*25.4*			ug/L	*25.0*	*NA*	*102*	*82-116*			

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Service Engineering Group	Client Ref:05500	Work Order #: 0506040
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5K0527 - EPA 5030B

Laboratory Control Sample (B5K0527-BS1) Prepared & Analyzed: 11/25/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	26.5	1.0	0.14	ug/L	25.0	NA	106	80-120	NA	NA	
1,1,1-Trichloroethane	25.1	1.0	0.050	ug/L	25.0	NA	100	80-120	NA	NA	
1,1,2,2-Tetrachloroethane	25.3	1.0	0.23	ug/L	25.0	NA	101	80-120	NA	NA	
1,1,2-Trichloroethane	25.4	1.0	0.20	ug/L	25.0	NA	102	80-120	NA	NA	
1,1,2-Trichlorotrifluoroethane	25.2	1.0	0.12	ug/L	25.0	NA	101	80-120	NA	NA	
1,1-Dichloroethane	24.6	1.0	0.053	ug/L	25.0	NA	98.4	80-120	NA	NA	
1,1-Dichloroethene	25.2	1.0	0.085	ug/L	25.0	NA	101	80-120	NA	NA	
1,1-Dichloropropene	24.9	1.0	0.073	ug/L	25.0	NA	99.6	80-120	NA	NA	
1,2,3-Trichlorobenzene	27.4	1.0	0.11	ug/L	25.0	NA	110	80-120	NA	NA	
1,2,3-Trichloropropane	24.6	1.0	0.30	ug/L	25.0	NA	98.4	80-120	NA	NA	
1,2,4-Trichlorobenzene	26.5	1.0	0.14	ug/L	25.0	NA	106	80-120	NA	NA	
1,2,4-Trimethylbenzene	26.6	1.0	0.071	ug/L	25.0	NA	106	80-120	NA	NA	
1,2-Dibromo-3-chloropropane	26.8	1.0	0.41	ug/L	25.0	NA	107	80-120	NA	NA	
1,2-Dibromoethane	25.4	1.0	0.064	ug/L	25.0	NA	102	80-120	NA	NA	
1,2-Dichlorobenzene	25.5	1.0	0.12	ug/L	25.0	NA	102	80-120	NA	NA	
1,2-Dichloroethane	24.6	1.0	0.053	ug/L	25.0	NA	98.4	80-120	NA	NA	
1,2-Dichloropropane	24.6	1.0	0.050	ug/L	25.0	NA	98.4	80-120	NA	NA	
1,3,5-Trimethylbenzene	26.5	1.0	0.097	ug/L	25.0	NA	106	80-120	NA	NA	
1,3-Dichlorobenzene	25.7	1.0	0.083	ug/L	25.0	NA	103	80-120	NA	NA	
1,3-Dichloropropane	25.4	1.0	0.13	ug/L	25.0	NA	102	80-120	NA	NA	
1,4-Dichlorobenzene	25.6	1.0	0.12	ug/L	25.0	NA	102	80-120	NA	NA	
2,2-Dichloropropane	24.9	1.0	0.10	ug/L	25.0	NA	99.6	80-120	NA	NA	
2-Butanone (MEK)	23.9	10	1.3	ug/L	25.0	NA	95.6	80-120	NA	NA	
2-Chlorotoluene	25.5	1.0	0.20	ug/L	25.0	NA	102	80-120	NA	NA	
4-Chlorotoluene	25.9	1.0	0.13	ug/L	25.0	NA	104	80-120	NA	NA	
4-Isopropyltoluene	26.9	1.0	0.058	ug/L	25.0	NA	108	80-120	NA	NA	
Acetone	24.4	20	1.5	ug/L	25.0	NA	97.6	80-120	NA	NA	
Allyl Chloride	25.0	1.0	0.26	ug/L	25.0	NA	100	80-120	NA	NA	
Benzene	24.9	1.0	0.045	ug/L	25.0	NA	99.6	80-120	NA	NA	
Bromobenzene	25.3	1.0	0.15	ug/L	25.0	NA	101	80-120	NA	NA	
Bromochloromethane	24.4	1.0	0.21	ug/L	25.0	NA	97.6	80-120	NA	NA	
Bromodichloromethane	25.4	1.0	0.11	ug/L	25.0	NA	102	80-120	NA	NA	
Bromoform	23.8	5.0	0.13	ug/L	25.0	NA	95.2	80-120	NA	NA	
Bromomethane	25.2	1.0	0.14	ug/L	25.0	NA	101	80-120	NA	NA	
Carbon Tetrachloride	25.6	1.0	0.057	ug/L	25.0	NA	102	80-120	NA	NA	
Chlorobenzene	25.8	1.0	0.042	ug/L	25.0	NA	103	80-120	NA	NA	
Chlorodibromomethane	27.1	1.0	0.028	ug/L	25.0	NA	108	80-120	NA	NA	
Chloroethane	23.6	1.0	0.11	ug/L	25.0	NA	94.4	80-120	NA	NA	
Chloroform	25.0	1.0	0.12	ug/L	25.0	NA	100	80-120	NA	NA	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506040
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5K0527 - EPA 5030B

Laboratory Control Sample (B5K0527-BS1) Prepared & Analyzed: 11/25/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	23.7	1.0	0.20	ug/L	25.0	NA	94.8	80-120	NA	NA	
cis-1,2-Dichloroethene	25.0	1.0	0.10	ug/L	25.0	NA	100	80-120	NA	NA	
cis-1,3-Dichloropropene	25.5	1.0	0.041	ug/L	25.0	NA	102	80-120	NA	NA	
Dibromomethane	24.5	1.0	0.20	ug/L	25.0	NA	98.0	80-120	NA	NA	
Dichlorodifluoromethane	24.8	1.0	0.13	ug/L	25.0	NA	99.2	80-120	NA	NA	
Dichlorofluoromethane	23.6	1.0	0.10	ug/L	25.0	NA	94.4	80-120	NA	NA	
Ethyl Ether	23.9	1.0	0.31	ug/L	25.0	NA	95.6	80-120	NA	NA	
Ethylbenzene	26.4	1.0	0.10	ug/L	25.0	NA	106	80-120	NA	NA	
Hexachlorobutadiene	27.4	2.0	0.24	ug/L	25.0	NA	110	80-120	NA	NA	
Isopropylbenzene	26.3	1.0	0.064	ug/L	25.0	NA	105	80-120	NA	NA	
m,p-Xylenes	51.3	1.0	0.13	ug/L	50.0	NA	103	80-120	NA	NA	
Methyl Isobutyl Ketone	25.3	5.0	0.42	ug/L	25.0	NA	101	80-120	NA	NA	
Methylene chloride	23.2	5.0	0.63	ug/L	25.0	NA	92.8	80-120	NA	NA	
Methyl-t-butyl ether	25.1	1.0	0.12	ug/L	25.0	NA	100	80-120	NA	NA	
Naphthalene	26.4	1.0	0.10	ug/L	25.0	NA	106	80-120	NA	NA	
n-Butylbenzene	26.7	1.0	0.12	ug/L	25.0	NA	107	80-120	NA	NA	
n-Propylbenzene	25.8	1.0	0.10	ug/L	25.0	NA	103	80-120	NA	NA	
o-Xylene	25.5	1.0	0.14	ug/L	25.0	NA	102	80-120	NA	NA	
sec-Butylbenzene	26.9	1.0	0.042	ug/L	25.0	NA	108	80-120	NA	NA	
Styrene	26.6	1.0	0.047	ug/L	25.0	NA	106	80-120	NA	NA	
tert-Butylbenzene	26.6	1.0	0.10	ug/L	25.0	NA	106	80-120	NA	NA	
Tetrachloroethene	25.0	2.0	0.19	ug/L	25.0	NA	100	80-120	NA	NA	
Tetrahydrofuran	24.4	5.0	1.2	ug/L	25.0	NA	97.6	80-120	NA	NA	
Toluene	25.1	1.0	0.17	ug/L	25.0	NA	100	80-120	NA	NA	
trans-1,2-Dichloroethene	25.4	1.0	0.14	ug/L	25.0	NA	102	80-120	NA	NA	
trans-1,3-Dichloropropene	25.6	1.0	0.12	ug/L	25.0	NA	102	80-120	NA	NA	
Trichloroethene	24.8	1.0	0.073	ug/L	25.0	NA	99.2	80-120	NA	NA	
Trichlorofluoromethane	23.4	1.0	0.19	ug/L	25.0	NA	93.6	80-120	NA	NA	
Vinyl chloride	23.2	1.0	0.25	ug/L	25.0	NA	92.8	80-120	NA	NA	
Surrogate: 1,2-Dichloroethane-d4	*24.3*			ug/L	*25.0*	*NA*	*97.2*	*82-128*			
Surrogate: 4-Bromofluorobenzene	*25.0*			ug/L	*25.0*	*NA*	*100*	*76-119*			
Surrogate: Dibromofluoromethane	*24.9*			ug/L	*25.0*	*NA*	*99.6*	*79-127*			
Surrogate: Toluene-d8	*25.6*			ug/L	*25.0*	*NA*	*102*	*82-116*			

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Service Engineering Group	Client Ref:05500	Work Order #: 0506040
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5K0527 - EPA 5030B

Laboratory Control Sample Duplicate (B5K0527-BSD1) Prepared & Analyzed: 11/25/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	26.2	1.0	0.14	ug/L	25.0	NA	105	80-120	1.14	20	
1,1,1-Trichloroethane	25.3	1.0	0.050	ug/L	25.0	NA	101	80-120	0.794	20	
1,1,2,2-Tetrachloroethane	25.1	1.0	0.23	ug/L	25.0	NA	100	80-120	0.794	20	
1,1,2-Trichloroethane	25.3	1.0	0.20	ug/L	25.0	NA	101	80-120	0.394	20	
1,1,2-Trichlorotrifluoroethane	25.4	1.0	0.12	ug/L	25.0	NA	102	80-120	0.791	20	
1,1-Dichloroethane	25.2	1.0	0.053	ug/L	25.0	NA	101	80-120	2.41	20	
1,1-Dichloroethene	25.4	1.0	0.085	ug/L	25.0	NA	102	80-120	0.791	20	
1,1-Dichloropropene	25.3	1.0	0.073	ug/L	25.0	NA	101	80-120	1.59	20	
1,2,3-Trichlorobenzene	23.6	1.0	0.11	ug/L	25.0	NA	94.4	80-120	14.9	20	
1,2,3-Trichloropropane	24.4	1.0	0.30	ug/L	25.0	NA	97.6	80-120	0.816	20	
1,2,4-Trichlorobenzene	24.6	1.0	0.14	ug/L	25.0	NA	98.4	80-120	7.44	20	
1,2,4-Trimethylbenzene	26.4	1.0	0.071	ug/L	25.0	NA	106	80-120	0.755	20	
1,2-Dibromo-3-chloropropane	26.3	1.0	0.41	ug/L	25.0	NA	105	80-120	1.88	20	
1,2-Dibromoethane	25.4	1.0	0.064	ug/L	25.0	NA	102	80-120	0.00	20	
1,2-Dichlorobenzene	25.4	1.0	0.12	ug/L	25.0	NA	102	80-120	0.393	20	
1,2-Dichloroethane	24.6	1.0	0.053	ug/L	25.0	NA	98.4	80-120	0.00	20	
1,2-Dichloropropane	24.5	1.0	0.050	ug/L	25.0	NA	98.0	80-120	0.407	20	
1,3,5-Trimethylbenzene	26.4	1.0	0.097	ug/L	25.0	NA	106	80-120	0.378	20	
1,3-Dichlorobenzene	25.6	1.0	0.083	ug/L	25.0	NA	102	80-120	0.390	20	
1,3-Dichloropropane	25.2	1.0	0.13	ug/L	25.0	NA	101	80-120	0.791	20	
1,4-Dichlorobenzene	25.6	1.0	0.12	ug/L	25.0	NA	102	80-120	0.00	20	
2,2-Dichloropropane	25.0	1.0	0.10	ug/L	25.0	NA	100	80-120	0.401	20	
2-Butanone (MEK)	26.4	10	1.3	ug/L	25.0	NA	106	80-120	9.94	20	
2-Chlorotoluene	25.5	1.0	0.20	ug/L	25.0	NA	102	80-120	0.00	20	
4-Chlorotoluene	25.9	1.0	0.13	ug/L	25.0	NA	104	80-120	0.00	20	
4-Isopropyltoluene	26.5	1.0	0.058	ug/L	25.0	NA	106	80-120	1.50	20	
Acetone	28.8	20	1.5	ug/L	25.0	NA	115	80-120	16.5	20	
Allyl Chloride	25.3	1.0	0.26	ug/L	25.0	NA	101	80-120	1.19	20	
Benzene	25.0	1.0	0.045	ug/L	25.0	NA	100	80-120	0.401	20	
Bromobenzene	25.4	1.0	0.15	ug/L	25.0	NA	102	80-120	0.394	20	
Bromochloromethane	24.7	1.0	0.21	ug/L	25.0	NA	98.8	80-120	1.22	20	
Bromodichloromethane	25.5	1.0	0.11	ug/L	25.0	NA	102	80-120	0.393	20	
Bromoform	23.7	5.0	0.13	ug/L	25.0	NA	94.8	80-120	0.421	20	
Bromomethane	24.6	1.0	0.14	ug/L	25.0	NA	98.4	80-120	2.41	20	
Carbon Tetrachloride	25.9	1.0	0.057	ug/L	25.0	NA	104	80-120	1.17	20	
Chlorobenzene	25.4	1.0	0.042	ug/L	25.0	NA	102	80-120	1.56	20	
Chlorodibromomethane	26.7	1.0	0.028	ug/L	25.0	NA	107	80-120	1.49	20	
Chloroethane	24.0	1.0	0.11	ug/L	25.0	NA	96.0	80-120	1.68	20	
Chloroform	25.1	1.0	0.12	ug/L	25.0	NA	100	80-120	0.399	20	

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BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:05500	Work Order #: 0506040
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5K0527 - EPA 5030B

Laboratory Control Sample Duplicate (B5K0527-BSD1) Prepared & Analyzed: 11/25/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	24.4	1.0	0.20	ug/L	25.0	NA	97.6	80-120	2.91	20	
cis-1,2-Dichloroethene	24.6	1.0	0.10	ug/L	25.0	NA	98.4	80-120	1.61	20	
cis-1,3-Dichloropropene	25.7	1.0	0.041	ug/L	25.0	NA	103	80-120	0.781	20	
Dibromomethane	24.5	1.0	0.20	ug/L	25.0	NA	98.0	80-120	0.00	20	
Dichlorodifluoromethane	24.6	1.0	0.13	ug/L	25.0	NA	98.4	80-120	0.810	20	
Dichlorofluoromethane	23.8	1.0	0.10	ug/L	25.0	NA	95.2	80-120	0.844	20	
Ethyl Ether	23.7	1.0	0.31	ug/L	25.0	NA	94.8	80-120	0.840	20	
Ethylbenzene	26.0	1.0	0.10	ug/L	25.0	NA	104	80-120	1.53	20	
Hexachlorobutadiene	26.7	2.0	0.24	ug/L	25.0	NA	107	80-120	2.59	20	
Isopropylbenzene	25.8	1.0	0.064	ug/L	25.0	NA	103	80-120	1.92	20	
m,p-Xylenes	50.8	1.0	0.13	ug/L	50.0	NA	102	80-120	0.979	20	
Methyl Isobutyl Ketone	25.4	5.0	0.42	ug/L	25.0	NA	102	80-120	0.394	20	
Methylene chloride	23.4	5.0	0.63	ug/L	25.0	NA	93.6	80-120	0.858	20	
Methyl-t-butyl ether	24.8	1.0	0.12	ug/L	25.0	NA	99.2	80-120	1.20	20	
Naphthalene	24.7	1.0	0.10	ug/L	25.0	NA	98.8	80-120	6.65	20	
n-Butylbenzene	26.0	1.0	0.12	ug/L	25.0	NA	104	80-120	2.66	20	
n-Propylbenzene	25.7	1.0	0.10	ug/L	25.0	NA	103	80-120	0.388	20	
o-Xylene	25.1	1.0	0.14	ug/L	25.0	NA	100	80-120	1.58	20	
sec-Butylbenzene	26.5	1.0	0.042	ug/L	25.0	NA	106	80-120	1.50	20	
Styrene	26.3	1.0	0.047	ug/L	25.0	NA	105	80-120	1.13	20	
tert-Butylbenzene	26.3	1.0	0.10	ug/L	25.0	NA	105	80-120	1.13	20	
Tetrachloroethene	26.7	2.0	0.19	ug/L	25.0	NA	107	80-120	6.58	20	
Tetrahydrofuran	23.4	5.0	1.2	ug/L	25.0	NA	93.6	80-120	4.18	20	
Toluene	24.6	1.0	0.17	ug/L	25.0	NA	98.4	80-120	2.01	20	
trans-1,2-Dichloroethene	24.8	1.0	0.14	ug/L	25.0	NA	99.2	80-120	2.39	20	
trans-1,3-Dichloropropene	25.6	1.0	0.12	ug/L	25.0	NA	102	80-120	0.00	20	
Trichloroethene	24.9	1.0	0.073	ug/L	25.0	NA	99.6	80-120	0.402	20	
Trichlorofluoromethane	24.7	1.0	0.19	ug/L	25.0	NA	98.8	80-120	5.41	20	
Vinyl chloride	21.9	1.0	0.25	ug/L	25.0	NA	87.6	80-120	5.76	20	
Surrogate: 1,2-Dichloroethane-d4	*24.4*			ug/L	*25.0*	*NA*	*97.6*	*82-128*			
Surrogate: 4-Bromofluorobenzene	*25.1*			ug/L	*25.0*	*NA*	*100*	*76-119*			
Surrogate: Dibromofluoromethane	*25.0*			ug/L	*25.0*	*NA*	*100*	*79-127*			
Surrogate: Toluene-d8	*25.3*			ug/L	*25.0*	*NA*	*101*	*82-116*			

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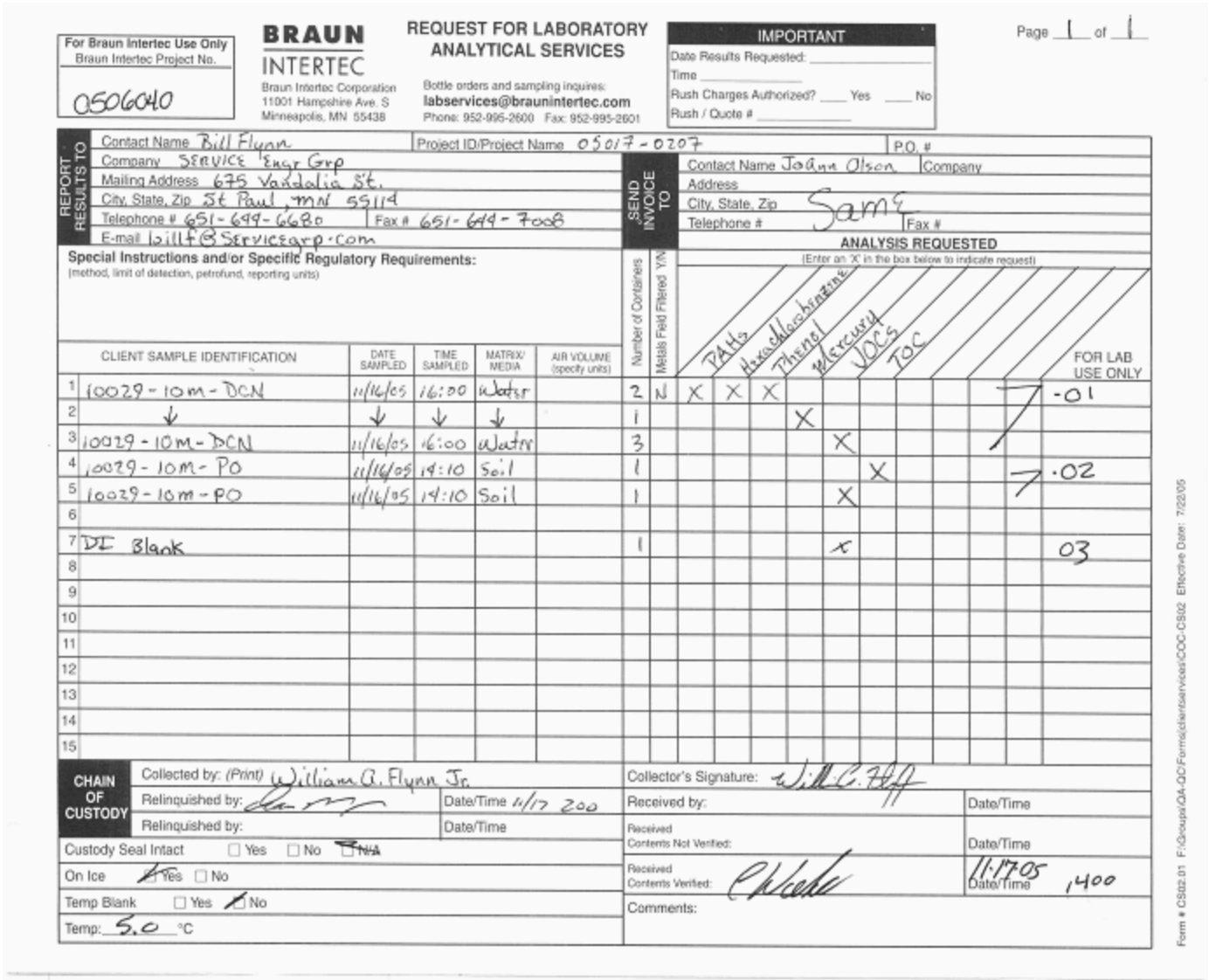
Service Engineering Group	Client Ref:05500	Work Order #: 0506040
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003



BRAUN INTERTEC
Braun Intertec Corporation
11001 Hampshire Ave. S
Minneapolis, MN 55438

REQUEST FOR LABORATORY ANALYTICAL SERVICES

Bottle orders and sampling inquiries:
labservices@braunintertec.com
Phone: 952-995-2600 Fax: 952-995-2601

For Braun Intertec Use Only
Braun Intertec Project No.
0506040

IMPORTANT
Date Results Requested:
Time
Rush Charges Authorized? ___ Yes ___ No
Rush / Quote #

Page 1 of 1

REPORT RESULTS TO
Contact Name Bill Flynn
Company SERVICE Engr Grp
Mailing Address 675 Vandalia St.
City, State, Zip St Paul, MN 55114
Telephone # 651-699-6680 Fax # 651-649-7008
E-mail billf@Servicegrp.com

Project ID/Project Name 05017-0207
P.O. #

SEND INVOICE TO
Contact Name JoAnn Olson Company
Address
City, State, Zip Same
Telephone # Fax #

Special Instructions and/or Specific Regulatory Requirements:
(method, limit of detection, petrofund, reporting units)

ANALYSIS REQUESTED
(Enter an 'X' in the box below to indicate request)

	CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)	Number of Containers	Metals Field Filtered Y/N	PAHs	Hexachlorobenzene	Phenol	Mercury	VOCs	TOC				FOR LAB USE ONLY
1	10029-10m-DCN	11/16/05	16:00	Water		2	N	X	X	X							-01
2	↓	↓	↓	↓		1					X						
3	10029-10m-DCN	11/16/05	16:00	Water		3						X					-02
4	10029-10m-PO	11/16/05	14:10	Soil		1							X				
5	10029-10m-PO	11/16/05	14:10	Soil		1						X					
6																	
7	DI Blank					1						x					03
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15																	

CHAIN OF CUSTODY
Collected by: (Print) William A. Flynn Jr.
Collector's Signature:
Relinquished by: Date/Time 11/17 200
Received by: Date/Time
Relinquished by: Date/Time
Received Contents Not Verified: Date/Time
Custody Seal Intact ☐ Yes ☐ No ☒ N/A
On Ice ☒ Yes ☐ No
Received Contents Verified: Date/Time 11-17-05 1400
Temp Blank ☐ Yes ☒ No
Comments:
Temp: 5.0 °C

Form # CS02.01 F:\Groups\QA-QC\Forms\clientservices\COC-CS02 Effective Date: 7/22/05

BRAUN INTERTEC

Braun Intertec Corporation
11001 Hampshire Avenue S
Minneapolis, MN 55438

Phone: 952.995.2000
Fax: 952.995.2020
Web: brauntintertec.com

Mr. Bill Flynn
Service Engineering Group
675 Vandalia Street
St. Paul, MN 55114-1312

December 14, 2005

Work Order #: 0506041

RE: 5017-0207

Dear Mr. Bill Flynn

Braun Intertec Corporation received samples for the project identified above on 11/17/05 14:00. Analytical results are summarized in the following report.

All routine quality assurance procedures were followed, unless otherwise noted.

Analytical results are reported on an "as received" basis unless otherwise noted. Where possible, the samples will be retained by the laboratory for 14 days following issuance of the initial final report. The samples will be disposed of or returned at that time. Arrangements can be made for extended storage by contacting me at this time.

We appreciate your decision to use Braun Intertec Corporation for this project. We are committed to being your vendor of choice to meet your analytical chemistry needs.

If you have any questions please contact me at the above phone number.

Sincerely,

Steven J. Albrecht

Steven J. Albrecht
Associate Principal

Certification/Accreditation Numbers

Minnesota Department of Health: 027-053-117 Wisconsin DNR: 999462640 NVLAP: 1021234-0 AIHA: 101103

BRAUN INTERTEC

11001 Hampshire Ave. S.
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952-995-2000 Phone
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Service Engineering Group	Client Ref:5017-0207	Work Order #: 0506041
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

How to Use this Report

In order to get the most out of the information presented in this report please refer to the following explanations as to how the data in this report is tied together and how some of the terms are defined.

Qualifiers and Abbreviations are defined in the following section. You will find these codes used throughout the report in headers and in note sections to designate a unique fact about the data to which they are associated.

The Case Narrative gives a "story" about the analysis and results. Here you will find greater elaboration on relevant qualifiers as well as an explanation of anything of particular note in the data. This is a discussion of the data in terms of quality control and chemistry. It is a summary of any deviations that could affect the usefulness of the data. This is not an interpretation as to how this information relates to regulatory compliance, toxicity, or hazardous characterization. These items are beyond the scope of this report.

The Sample Summary provides detail on sample receipt. The association between Client sample ID and the Laboratory sample ID are defined here; this information is valuable to have when discussing results with your project manager. Sample collection and receipt dates and times are provided here as well. General notes regarding the work order are also documented here. This is a mini "case narrative" that describes any anomalies regarding the condition of the samples upon arrival to the laboratory or special circumstances regarding the work order.

The Conditions Upon Receipt summarizes the results of specific checks that have been performed at sample receipt. This includes items like custody documentation, sample condition, and temperature at receipt. Each "cooler" is identified and the conditions associated with that cooler are documented. A "cooler" is defined as the larger container used to transport the individual samples. In most cases this is a standard recreational cooler but it can be a box, plastic bag, or other container.

The laboratory results are summarized in the following sections. Data is broken down into major categories for convenience. An example of such a category would be "Total Petroleum Hydrocarbons." Here you would find data that references the testing of such parameters as diesel range organics and gasoline range organics. Other categories are similarly mapped. The batch number is associated with each sample. This is important to evaluate Quality Control (QC) data. Surrogate results samples are provided with each sample. Laboratory control limits are provided for comparison (see below). The reference method is also identified. If a method is denoted with an "M" (e.g. EPA 1234(M)) this means that it has been modified. An explanation of the modification will be found in the Case Narrative. A result is given with appropriate units. If a soil sample is dry-weight corrected then the word "dry" will appear next to the units. If the word "dry" does not appear then the result is "as received."

The Method Reporting Limit (MRL) and Method Detection Limit (MDL) are provided. It is important to understand these terms. The MRL is a level that has been empirically verified to provide reliable quantitation of results. Results that are equal to or greater than this value will show up as bolded. They are considered "hits." The MDL is a statistically derived number that indicates, with high confidence, that an analyte can be detected above noise level. If a result is less than this value it is marked as "ND" for "Non-Detect." If a result is less than the MRL but greater than the MDL then it is considered an estimate. Such a result is reported with a "J" flag denoting that it has been detected but that the result is an estimate. This is consistent with the *CLP Statement of Work* and the *National Functional Guidelines.*

The Quality Control (QC) samples are documented in the following section. Here you will find the preparation batches associated with each sample from the results section. The sample preparation method is also defined here. Accuracy is represented here in terms of a percent recovery as compared to a known value. Precision is represented as a relative percent difference between two duplicate sample aliquots. The laboratory control limits are provided as a means to evaluate the quality control data. If the result falls outside the laboratory control limits this simply means that it is outside what is typical for the laboratory and is noted accordingly. This does not mean that the data is invalid. Laboratory control limits are generally tighter than most program limits. This is a very important distinction. How the data is ultimately used determines its validity. Program requirements are defined in the Quality Assurance Project Plan (QAPP) governing the project. If your project manager is aware of your specific program requirements then a note will be made in the case narrative if the data fails to meet any of these requirements.

The last section contains copies of important documents and/or instrument printouts relavent to the report. This includes the chain of custody. It also may include items like chromatograms or spectra.

Please note that this report is paginated and must be reproduced in its entirety.

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Service Engineering Group	Client Ref:5017-0207	Work Order #: 0506041
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Qualifiers and Abbreviations

vm	The surrogate recovery is above the laboratory generated control limits.
vfa	The method reporting limit (MRL) was raised for one or more analytes; a dilution of the sample was necessary due to high analyte levels and/or matrix interferences.
ts	This analysis was performed by a subcontract laboratory.
J	Detected but below the Method Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
gp	The relative percent difference (RPD) for the laboratory control sample and laboratory control sample duplicate is outside of laboratory control limits.
go	The laboratory control sample recovery is outside of laboratory control limits.
COC	Chain of Custody
dry	Sample results reported on a dry weight basis
MDL	Method Detection Limit
MRL	Method Reporting Limit
NA	Not Applicable
ND	Analyte NOT DETECTED
NR	Not Reported
%Rec	Percent Recovery
RPD	Relative Percent Difference
VOC	Volatile Organic Compound

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675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

SAMPLE SUMMARY

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
10029-10Q-PO	0506041-01	Water	11/17/05 10:33	11/17/05 14:00
10029-10Q-PO	0506041-02	Water	11/17/05 10:33	11/17/05 14:00
10029-10Q-PO	0506041-03	Water	11/17/05 10:33	11/17/05 14:00
10029-10Q-PR	0506041-04	Water	11/16/05 12:00	11/17/05 14:00

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675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Conditions Upon Receipt

Cooler: Cooler #1

Temperature:	5.0 °C	**Received on Ice:**	Yes	**Preservation Confirmed:**	Yes
COC Included:	Yes	**Hand Delivered by Sampler:**	Yes	**Temperature Blank:**	No
Custody Seals Used:	No	**Sufficient Sample Provided:**	Yes	**COC Complete:**	Yes
Custody Seals Intact:	No	**Headspace Present (VOC):**	No	**COC & Labels Agree:**	Yes

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Service Engineering Group	Client Ref:5017-0207	Work Order #: 0506041
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-10Q-PO

0506041-01 (Water)

11/17/05 10:33

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	0.71	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
1,1,2,2-Tetrachloroethane	ND	5.0	1.2	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
1,1,2-Trichloroethane	ND	5.0	1.0	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
1,1,2-Trichlorotrifluoroethane	ND	5.0	0.58	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
1,1-Dichloroethane	ND	5.0	0.26	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
1,1-Dichloroethene	ND	5.0	0.42	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
1,1-Dichloropropene	ND	5.0	0.36	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
1,2,3-Trichlorobenzene	ND	5.0	0.55	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
1,2,3-Trichloropropane	ND	5.0	1.5	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
1,2,4-Trichlorobenzene	**69**	5.0	0.72	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
1,2,4-Trimethylbenzene	**160**	5.0	0.36	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
1,2-Dibromo-3-chloropropane	ND	5.0	2.0	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
1,2-Dibromoethane	ND	5.0	0.32	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
1,2-Dichlorobenzene	**320**	5.0	0.60	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
1,2-Dichloroethane	ND	5.0	0.26	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
1,2-Dichloropropane	ND	5.0	0.25	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
1,3,5-Trimethylbenzene	**94**	5.0	0.48	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
1,3-Dichlorobenzene	**11**	5.0	0.42	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
1,3-Dichloropropane	ND	5.0	0.64	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
1,4-Dichlorobenzene	**730**	100	12	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	vfa
2,2-Dichloropropane	ND	5.0	0.52	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
2-Butanone (MEK)	ND	50	6.6	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	vfa
2-Chlorotoluene	**9.9**	5.0	0.98	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
4-Chlorotoluene	ND	5.0	0.66	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
4-Isopropyltoluene	ND	5.0	0.29	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
Acetone	ND	100	7.7	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	vfa
Allyl Chloride	ND	5.0	1.3	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
Benzene	**1300**	100	4.5	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	vfa

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Service Engineering Group	Client Ref:5017-0207	Work Order #: 0506041
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-10Q-PO

0506041-01 (Water)

11/17/05 10:33

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Bromobenzene	ND	5.0	0.74	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
Bromochloromethane	ND	5.0	1.1	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
Bromodichloromethane	ND	5.0	0.53	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
Bromoform	ND	25	0.64	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
Bromomethane	ND	5.0	0.68	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
Carbon Tetrachloride	ND	5.0	0.28	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
Chlorobenzene	**1600**	100	4.2	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	vfa
Chlorodibromomethane	ND	5.0	0.14	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
Chloroethane	ND	5.0	0.56	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
Chloroform	ND	5.0	0.58	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
Chloromethane	ND	5.0	1.0	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
cis-1,2-Dichloroethene	ND	5.0	0.52	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
cis-1,3-Dichloropropene	ND	5.0	0.20	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
Dibromomethane	ND	5.0	1.0	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
Dichlorodifluoromethane	ND	5.0	0.63	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
Dichlorofluoromethane	ND	5.0	0.52	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
Ethyl Ether	ND	5.0	1.5	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
Ethylbenzene	**42**	5.0	0.52	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
Hexachlorobutadiene	ND	10	1.2	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
Isopropylbenzene	**29**	5.0	0.32	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
m,p-Xylenes	**640**	5.0	0.64	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
Methyl Isobutyl Ketone	ND	25	2.1	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
Methylene chloride	ND	25	3.2	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
Methyl-t-butyl ether	ND	5.0	0.60	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
Naphthalene	**3600**	100	10	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	vfa
n-Butylbenzene	ND	5.0	0.61	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
n-Propylbenzene	ND	5.0	0.52	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
o-Xylene	**230**	5.0	0.70	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
sec-Butylbenzene	**28**	5.0	0.21	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa

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675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-10Q-PO

0506041-01 (Water)

11/17/05 10:33

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Styrene	**48**	5.0	0.24	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
tert-Butylbenzene	ND	5.0	0.50	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
Tetrachloroethene	ND	10	0.95	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
Tetrahydrofuran	ND	25	5.8	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
Toluene	**710**	100	17	ug/L	B5K0527	11/25/05	11/28/05	EPA 8260B	vfa
trans-1,2-Dichloroethene	ND	5.0	0.68	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
trans-1,3-Dichloropropene	ND	5.0	0.60	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
Trichloroethene	ND	5.0	0.36	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
Trichlorofluoromethane	ND	5.0	0.95	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
Vinyl chloride	ND	5.0	1.2	ug/L	B5K0527	11/25/05	11/26/05	EPA 8260B	vfa
Surrogate: 1,2-Dichloroethane-d4	*96.8 %*	*Limits: 82-128%*			*B5K0527*	*11/25/05*	*11/26/05*	*EPA 8260B*	*vfa*
Surrogate: 4-Bromofluorobenzene	*100 %*	*Limits: 76-119%*			*B5K0527*	*11/25/05*	*11/26/05*	*EPA 8260B*	*vfa*
Surrogate: Dibromofluoromethane	*98.4 %*	*Limits: 79-127%*			*B5K0527*	*11/25/05*	*11/26/05*	*EPA 8260B*	*vfa*
Surrogate: Toluene-d8	*101 %*	*Limits: 82-116%*			*B5K0527*	*11/25/05*	*11/26/05*	*EPA 8260B*	*vfa*

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Service Engineering Group	Client Ref:5017-0207	Work Order #: 0506041
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-10Q-PO

0506041-02 (Water)

11/17/05 10:33

Classical Chemistry Parameters

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Dissolved Organic Carbon	**110**	1.5	0.50	mg/L	B5L0100	11/27/05	11/29/05	ASTM D5373	ts

Metals

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Mercury, Dissolved	0.021 J	0.20	0.011	ug/L	B5K0379	11/21/05	11/21/05	EPA 7470A	

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,2,4-Trichlorobenzene	**61**	5.0	0.33	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
1,2-Dichlorobenzene	**210**	50	2.7	ug/L	B5K0407	11/22/05	11/28/05	EPA 8270C	
1,2-Diphenylhydrazine	ND	5.0	0.37	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
1,3-Dichlorobenzene	**6.6**	5.0	0.30	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
1,4-Dichlorobenzene	**370**	50	2.9	ug/L	B5K0407	11/22/05	11/28/05	EPA 8270C	
2,4,5-Trichlorophenol	ND	5.0	0.15	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2,4,6-Trichlorophenol	ND	5.0	0.23	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2,4-Dichlorophenol	ND	10	0.28	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2,4-Dimethylphenol	**6.6**	5.0	0.40	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2,4-Dinitrophenol	ND	5.0	0.96	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	go, gp
2,4-Dinitrotoluene	ND	5.0	0.20	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2,6-Dinitrotoluene	ND	5.0	0.58	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2-Chloronaphthalene	ND	5.0	0.30	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2-Chlorophenol	ND	10	0.63	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2-Methylnaphthalene	**50**	5.0	0.39	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2-Methylphenol	5.1 J	10	2.5	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2-Nitroaniline	ND	5.0	0.46	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2-Nitrophenol	ND	10	0.54	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
3,3-Dichlorobenzidine	ND	5.0	0.54	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
3-/4-Methylphenol	**350**	100	2.8	ug/L	B5K0407	11/22/05	11/28/05	EPA 8270C	
3-Nitroaniline	ND	5.0	0.66	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
4,6-Dinitro-2-methylphenol	ND	5.0	0.70	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
4-Bromophenyl phenyl ether	ND	5.0	0.24	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	

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675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-10Q-PO

0506041-02 (Water)

11/17/05 10:33

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
4-Chloro-3-methylphenol	ND	5.0	0.23	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
4-Chloroaniline	ND	5.0	0.59	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	2.0	0.25	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
4-Nitroaniline	ND	5.0	0.34	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
4-Nitrophenol	ND	5.0	0.82	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Acenaphthene	1.6 J	2.0	0.26	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Acenaphthylene	**4.2**	2.0	0.19	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Aniline	ND	5.0	0.88	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Anthracene	1.2 J	2.0	0.21	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Benz(a)anthracene	ND	2.0	0.71	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Benzo(a)pyrene	ND	2.0	0.77	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Benzo(b)fluoranthene	ND	2.0	0.42	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Benzo(g,h,i)perylene	ND	2.0	0.67	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Benzo(k)fluoranthene	ND	2.0	0.75	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Benzyl alcohol	6.1 J	10	0.32	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
bis(2-Chloroethoxy)methane	ND	5.0	0.34	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Bis(2-Chloroethyl)ether	ND	5.0	0.42	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Bis(2-chloroisopropyl)ether	ND	5.0	0.32	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Bis(2-Ethylhexyl)phthalate	ND	5.0	1.5	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Butyl benzyl phthalate	ND	5.0	0.31	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Carbazole	**12**	5.0	0.34	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Chrysene	ND	2.0	0.70	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Dibenz(a,h)anthracene	ND	2.0	0.78	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Dibenzofuran	4.2 J	5.0	0.27	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Diethylphthalate	ND	5.0	0.30	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Dimethyl phthalate	ND	5.0	0.21	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Di-n-butyl phthalate	ND	5.0	0.47	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Di-n-octyl phthalate	ND	5.0	0.80	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Fluoranthene	0.68 J	2.0	0.26	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	

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675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-10Q-PO

0506041-02 (Water)

11/17/05 10:33

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Fluorene	**3.9**	2.0	0.46	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Hexachlorobenzene	ND	5.0	0.24	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Hexachlorobutadiene	ND	5.0	0.31	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Hexachlorocyclopentadiene	ND	5.0	0.28	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Hexachloroethane	ND	5.0	0.35	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Indeno(1,2,3-cd)pyrene	ND	2.0	0.78	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Isophorone	ND	5.0	0.21	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Naphthalene	**2100**	500	32	ug/L	B5K0407	11/22/05	11/28/05	EPA 8270C	
Nitrobenzene	ND	5.0	0.27	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
N-Nitrosodimethylamine	ND	5.0	0.26	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
N-Nitrosodi-n-propylamine	ND	5.0	0.31	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
N-Nitrosodiphenylamine	ND	5.0	0.31	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Pentachlorophenol	ND	5.0	0.54	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Phenanthrene	**4.2**	2.0	0.21	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Phenol	**650**	100	21	ug/L	B5K0407	11/22/05	11/28/05	EPA 8270C	
Pyrene	ND	2.0	0.50	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Pyridine	ND	10	2.4	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Surrogate: 2,4,6-Tribromophenol	*104 %*	*Limits: 65-100%*			*B5K0407*	*11/22/05*	*11/23/05*	*EPA 8270C*	*vm*
Surrogate: 2-Fluorobiphenyl	*79.2 %*	*Limits: 59-101%*			*B5K0407*	*11/22/05*	*11/23/05*	*EPA 8270C*	
Surrogate: 2-Fluorophenol	*41.8 %*	*Limits: 30-75%*			*B5K0407*	*11/22/05*	*11/23/05*	*EPA 8270C*	
Surrogate: Nitrobenzene-d5	*69.4 %*	*Limits: 57-101%*			*B5K0407*	*11/22/05*	*11/23/05*	*EPA 8270C*	
Surrogate: Phenol-d6	*35.7 %*	*Limits: 30-75%*			*B5K0407*	*11/22/05*	*11/23/05*	*EPA 8270C*	
Surrogate: Terphenyl-d14	*90.2 %*	*Limits: 65-100%*			*B5K0407*	*11/22/05*	*11/23/05*	*EPA 8270C*	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-10Q-PO

0506041-03 (Water)

11/17/05 10:33

Classical Chemistry Parameters

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Total Suspended Solids	**69**	10	7.2	mg/L	B5K0494	11/22/05	11/22/05	EPA 160.2	
Total Organic Carbon	**120**	15	5.0	mg/L	B5L0214	12/12/05	12/12/05	EPA 9060	ts

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Service Engineering Group	Client Ref:5017-0207	Work Order #: 0506041
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-10Q-PR

0506041-04 (Water)

11/16/05 12:00

Classical Chemistry Parameters

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Total Suspended Solids	**3400**	10	3.6	mg/L	B5K0416	11/22/05	11/22/05	EPA 160.2	
Total Organic Carbon	**86**	15	5.0	mg/L	B5L0214	12/12/05	12/12/05	EPA 9060	ts

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Classical Chemistry Parameters - Quality Control

Batch B5K0416 - Default Prep GenChem

Method Blank (B5K0416-BLK1) Prepared & Analyzed: 11/22/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Suspended Solids	ND	5.0	3.6	mg/L	NA	NA	NA	NA	NA	NA	

Laboratory Control Sample (B5K0416-BS1) Prepared & Analyzed: 11/22/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Suspended Solids	209			mg/L	250	NA	83.6	80-120	NA	NA	

Batch B5K0494 - Default Prep GenChem

Method Blank (B5K0494-BLK1) Prepared & Analyzed: 11/28/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Suspended Solids	ND	5.0	3.6	mg/L	NA	NA	NA	NA	NA	NA	

Laboratory Control Sample (B5K0494-BS1) Prepared & Analyzed: 11/28/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Suspended Solids	232			mg/L	250	NA	92.8	80-120	NA	NA	

Duplicate (B5K0494-DUP1) **Source: 0506041-03RE1** Prepared & Analyzed: 11/28/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Suspended Solids	62.0	5.0	3.6	mg/L	NA	69	NA	NA	10.7	20	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Metals - Quality Control

Batch B5K0379 - EPA 7470A

Method Blank (B5K0379-BLK1) Prepared & Analyzed: 11/21/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury, Dissolved	ND	0.20	0.011	ug/L	NA	NA	NA	NA	NA	NA	

Laboratory Control Sample (B5K0379-BS1) Prepared & Analyzed: 11/21/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury, Dissolved	2.69	0.20	0.011	ug/L	2.50	NA	108	85-115	NA	NA	

Laboratory Control Sample Duplicate (B5K0379-BSD1) Prepared & Analyzed: 11/21/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury, Dissolved	2.70	0.20	0.011	ug/L	2.50	NA	108	85-115	0.371	20	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5K0407 - EPA 3510C

Method Blank (B5K0407-BLK1) Prepared: 11/22/05 Analyzed: 11/23/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	ND	5.0	0.33	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	ND	5.0	0.27	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Diphenylhydrazine	ND	5.0	0.37	ug/L	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	ND	5.0	0.30	ug/L	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	ND	5.0	0.29	ug/L	NA	NA	NA	NA	NA	NA	
2,4,5-Trichlorophenol	ND	5.0	0.15	ug/L	NA	NA	NA	NA	NA	NA	
2,4,6-Trichlorophenol	ND	5.0	0.23	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dichlorophenol	ND	10	0.28	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dimethylphenol	ND	5.0	0.40	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dinitrophenol	ND	5.0	0.96	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dinitrotoluene	ND	5.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
2,6-Dinitrotoluene	ND	5.0	0.58	ug/L	NA	NA	NA	NA	NA	NA	
2-Chloronaphthalene	ND	5.0	0.30	ug/L	NA	NA	NA	NA	NA	NA	
2-Chlorophenol	ND	10	0.63	ug/L	NA	NA	NA	NA	NA	NA	
2-Methylnaphthalene	ND	5.0	0.39	ug/L	NA	NA	NA	NA	NA	NA	
2-Methylphenol	ND	10	2.5	ug/L	NA	NA	NA	NA	NA	NA	
2-Nitroaniline	ND	5.0	0.46	ug/L	NA	NA	NA	NA	NA	NA	
2-Nitrophenol	ND	10	0.54	ug/L	NA	NA	NA	NA	NA	NA	
3,3-Dichlorobenzidine	ND	5.0	0.54	ug/L	NA	NA	NA	NA	NA	NA	
3-/4-Methylphenol	ND	10	0.28	ug/L	NA	NA	NA	NA	NA	NA	
3-Nitroaniline	ND	5.0	0.66	ug/L	NA	NA	NA	NA	NA	NA	
4,6-Dinitro-2-methylphenol	ND	5.0	0.70	ug/L	NA	NA	NA	NA	NA	NA	
4-Bromophenyl phenyl ether	ND	5.0	0.24	ug/L	NA	NA	NA	NA	NA	NA	
4-Chloro-3-methylphenol	ND	5.0	0.23	ug/L	NA	NA	NA	NA	NA	NA	
4-Chloroaniline	ND	5.0	0.59	ug/L	NA	NA	NA	NA	NA	NA	
4-Chlorophenyl phenyl ether	ND	2.0	0.25	ug/L	NA	NA	NA	NA	NA	NA	
4-Nitroaniline	ND	5.0	0.34	ug/L	NA	NA	NA	NA	NA	NA	
4-Nitrophenol	ND	5.0	0.82	ug/L	NA	NA	NA	NA	NA	NA	
Acenaphthene	ND	2.0	0.26	ug/L	NA	NA	NA	NA	NA	NA	
Acenaphthylene	ND	2.0	0.19	ug/L	NA	NA	NA	NA	NA	NA	
Aniline	ND	5.0	0.88	ug/L	NA	NA	NA	NA	NA	NA	
Anthracene	ND	2.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Benz(a)anthracene	ND	2.0	0.71	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(a)pyrene	ND	2.0	0.77	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(b)fluoranthene	ND	2.0	0.42	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(g,h,i)perylene	ND	2.0	0.67	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(k)fluoranthene	ND	2.0	0.75	ug/L	NA	NA	NA	NA	NA	NA	
Benzyl alcohol	ND	10	0.32	ug/L	NA	NA	NA	NA	NA	NA	
bis(2-Chloroethoxy)methane	ND	5.0	0.34	ug/L	NA	NA	NA	NA	NA	NA	

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675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5K0407 - EPA 3510C

Method Blank (B5K0407-BLK1) Prepared: 11/22/05 Analyzed: 11/23/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Bis(2-Chloroethyl)ether	ND	5.0	0.42	ug/L	NA	NA	NA	NA	NA	NA	
Bis(2-chloroisopropyl)ether	ND	5.0	0.32	ug/L	NA	NA	NA	NA	NA	NA	
Bis(2-Ethylhexyl)phthalate	ND	5.0	1.5	ug/L	NA	NA	NA	NA	NA	NA	
Butyl benzyl phthalate	ND	5.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
Carbazole	ND	5.0	0.34	ug/L	NA	NA	NA	NA	NA	NA	
Chrysene	ND	2.0	0.70	ug/L	NA	NA	NA	NA	NA	NA	
Dibenz(a,h)anthracene	ND	2.0	0.78	ug/L	NA	NA	NA	NA	NA	NA	
Dibenzofuran	ND	5.0	0.27	ug/L	NA	NA	NA	NA	NA	NA	
Diethylphthalate	ND	5.0	0.30	ug/L	NA	NA	NA	NA	NA	NA	
Dimethyl phthalate	ND	5.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Di-n-butyl phthalate	ND	5.0	0.47	ug/L	NA	NA	NA	NA	NA	NA	
Di-n-octyl phthalate	ND	5.0	0.80	ug/L	NA	NA	NA	NA	NA	NA	
Fluoranthene	ND	2.0	0.26	ug/L	NA	NA	NA	NA	NA	NA	
Fluorene	ND	2.0	0.46	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorobenzene	ND	5.0	0.24	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorobutadiene	ND	5.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorocyclopentadiene	ND	5.0	0.28	ug/L	NA	NA	NA	NA	NA	NA	
Hexachloroethane	ND	5.0	0.35	ug/L	NA	NA	NA	NA	NA	NA	
Indeno(1,2,3-cd)pyrene	ND	2.0	0.78	ug/L	NA	NA	NA	NA	NA	NA	
Isophorone	ND	5.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Naphthalene	ND	5.0	0.32	ug/L	NA	NA	NA	NA	NA	NA	
Nitrobenzene	ND	5.0	0.27	ug/L	NA	NA	NA	NA	NA	NA	
N-Nitrosodimethylamine	ND	5.0	0.26	ug/L	NA	NA	NA	NA	NA	NA	
N-Nitrosodi-n-propylamine	ND	5.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
N-Nitrosodiphenylamine	ND	5.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
Pentachlorophenol	ND	5.0	0.54	ug/L	NA	NA	NA	NA	NA	NA	
Phenanthrene	ND	2.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Phenol	ND	10	2.1	ug/L	NA	NA	NA	NA	NA	NA	
Pyrene	ND	2.0	0.50	ug/L	NA	NA	NA	NA	NA	NA	
Pyridine	ND	10	2.4	ug/L	NA	NA	NA	NA	NA	NA	
Surrogate: 2,4,6-Tribromophenol	*50.5*			ug/L	*50.0*	*NA*	*101*	*65-100*			*vm*
Surrogate: 2-Fluorobiphenyl	*21.0*			ug/L	*25.0*	*NA*	*84.0*	*59-101*			
Surrogate: 2-Fluorophenol	*21.2*			ug/L	*50.0*	*NA*	*42.4*	*30-75*			
Surrogate: Nitrobenzene-d5	*17.3*			ug/L	*25.0*	*NA*	*69.2*	*57-101*			
Surrogate: Phenol-d6	*18.5*			ug/L	*50.0*	*NA*	*37.0*	*30-75*			
Surrogate: Terphenyl-d14	*22.7*			ug/L	*25.0*	*NA*	*90.8*	*65-100*			

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Service Engineering Group	Client Ref:5017-0207	Work Order #: 0506041
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5K0407 - EPA 3510C

Laboratory Control Sample (B5K0407-BS1) Prepared: 11/22/05 Analyzed: 11/23/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	34.8	5.0	0.33	ug/L	50.0	NA	69.6	30-120	NA	NA	
1,4-Dichlorobenzene	34.1	5.0	0.29	ug/L	50.0	NA	68.2	40-110	NA	NA	
2,4-Dinitrophenol	29.9	5.0	0.96	ug/L	50.0	NA	59.8	60-120	NA	NA	
2-Chlorophenol	32.4	10	0.63	ug/L	50.0	NA	64.8	40-100	NA	NA	
4-Chloro-3-methylphenol	37.3	5.0	0.23	ug/L	50.0	NA	74.6	50-110	NA	NA	
4-Nitrophenol	24.4	5.0	0.82	ug/L	50.0	NA	48.8	30-80	NA	NA	
Acenaphthene	39.5	2.0	0.26	ug/L	50.0	NA	79.0	50-110	NA	NA	
N-Nitrosodi-n-propylamine	40.7	5.0	0.31	ug/L	50.0	NA	81.4	45-120	NA	NA	
Pentachlorophenol	45.1	5.0	0.54	ug/L	50.0	NA	90.2	45-115	NA	NA	
Phenol	19.6	10	2.1	ug/L	50.0	NA	39.2	30-80	NA	NA	
Pyrene	47.8	2.0	0.50	ug/L	50.0	NA	95.6	55-120	NA	NA	
Surrogate: 2,4,6-Tribromophenol	*49.3*			ug/L	*50.0*	*NA*	*98.6*	*65-100*			
Surrogate: 2-Fluorobiphenyl	*19.0*			ug/L	*25.0*	*NA*	*76.0*	*59-101*			
Surrogate: 2-Fluorophenol	*21.7*			ug/L	*50.0*	*NA*	*43.4*	*30-75*			
Surrogate: Nitrobenzene-d5	*16.2*			ug/L	*25.0*	*NA*	*64.8*	*57-101*			
Surrogate: Phenol-d6	*18.7*			ug/L	*50.0*	*NA*	*37.4*	*30-75*			
Surrogate: Terphenyl-d14	*23.2*			ug/L	*25.0*	*NA*	*92.8*	*65-100*			

Laboratory Control Sample Duplicate (B5K0407-BSD1) Prepared: 11/22/05 Analyzed: 11/23/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	33.7	5.0	0.33	ug/L	50.0	NA	67.4	30-120	3.21	20	
1,4-Dichlorobenzene	31.1	5.0	0.29	ug/L	50.0	NA	62.2	40-110	9.20	20	
2,4-Dinitrophenol	36.6	5.0	0.96	ug/L	50.0	NA	73.2	60-120	20.2	20	
2-Chlorophenol	30.9	10	0.63	ug/L	50.0	NA	61.8	40-100	4.74	20	
4-Chloro-3-methylphenol	36.7	5.0	0.23	ug/L	50.0	NA	73.4	50-110	1.62	20	
4-Nitrophenol	25.6	5.0	0.82	ug/L	50.0	NA	51.2	30-80	4.80	20	
Acenaphthene	39.2	2.0	0.26	ug/L	50.0	NA	78.4	50-110	0.762	20	
N-Nitrosodi-n-propylamine	39.2	5.0	0.31	ug/L	50.0	NA	78.4	45-120	3.75	20	
Pentachlorophenol	45.7	5.0	0.54	ug/L	50.0	NA	91.4	45-115	1.32	20	
Phenol	19.3	10	2.1	ug/L	50.0	NA	38.6	30-80	1.54	20	
Pyrene	46.0	2.0	0.50	ug/L	50.0	NA	92.0	55-120	3.84	20	
Surrogate: 2,4,6-Tribromophenol	*50.8*			ug/L	*50.0*	*NA*	*102*	*65-100*			
Surrogate: 2-Fluorobiphenyl	*18.9*			ug/L	*25.0*	*NA*	*75.6*	*59-101*			
Surrogate: 2-Fluorophenol	*21.1*			ug/L	*50.0*	*NA*	*42.2*	*30-75*			
Surrogate: Nitrobenzene-d5	*16.9*			ug/L	*25.0*	*NA*	*67.6*	*57-101*			
Surrogate: Phenol-d6	*19.2*			ug/L	*50.0*	*NA*	*38.4*	*30-75*			
Surrogate: Terphenyl-d14	*23.2*			ug/L	*25.0*	*NA*	*92.8*	*65-100*			

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675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5K0527 - EPA 5030B

Method Blank (B5K0527-BLK1) Prepared: 11/25/05 Analyzed: 11/26/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
1,1,1-Trichloroethane	ND	1.0	0.050	ug/L	NA	NA	NA	NA	NA	NA	
1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/L	NA	NA	NA	NA	NA	NA	
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
1,1,2-Trichlorotrifluoroethane	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
1,1-Dichloroethane	ND	1.0	0.053	ug/L	NA	NA	NA	NA	NA	NA	
1,1-Dichloroethene	ND	1.0	0.085	ug/L	NA	NA	NA	NA	NA	NA	
1,1-Dichloropropene	ND	1.0	0.073	ug/L	NA	NA	NA	NA	NA	NA	
1,2,3-Trichlorobenzene	ND	1.0	0.11	ug/L	NA	NA	NA	NA	NA	NA	
1,2,3-Trichloropropane	ND	1.0	0.30	ug/L	NA	NA	NA	NA	NA	NA	
1,2,4-Trichlorobenzene	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
1,2,4-Trimethylbenzene	ND	1.0	0.071	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dibromo-3-chloropropane	ND	1.0	0.41	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dibromoethane	ND	1.0	0.064	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichloroethane	ND	1.0	0.053	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichloropropane	ND	1.0	0.050	ug/L	NA	NA	NA	NA	NA	NA	
1,3,5-Trimethylbenzene	ND	1.0	0.097	ug/L	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	ND	1.0	0.083	ug/L	NA	NA	NA	NA	NA	NA	
1,3-Dichloropropane	ND	1.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
2,2-Dichloropropane	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
2-Butanone (MEK)	ND	10	1.3	ug/L	NA	NA	NA	NA	NA	NA	
2-Chlorotoluene	ND	1.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
4-Chlorotoluene	ND	1.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
4-Isopropyltoluene	ND	1.0	0.058	ug/L	NA	NA	NA	NA	NA	NA	
Acetone	ND	20	1.5	ug/L	NA	NA	NA	NA	NA	NA	
Allyl Chloride	ND	1.0	0.26	ug/L	NA	NA	NA	NA	NA	NA	
Benzene	ND	1.0	0.045	ug/L	NA	NA	NA	NA	NA	NA	
Bromobenzene	ND	1.0	0.15	ug/L	NA	NA	NA	NA	NA	NA	
Bromochloromethane	ND	1.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Bromodichloromethane	ND	1.0	0.11	ug/L	NA	NA	NA	NA	NA	NA	
Bromoform	ND	5.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
Bromomethane	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
Carbon Tetrachloride	ND	1.0	0.057	ug/L	NA	NA	NA	NA	NA	NA	
Chlorobenzene	ND	1.0	0.042	ug/L	NA	NA	NA	NA	NA	NA	
Chlorodibromomethane	ND	1.0	0.028	ug/L	NA	NA	NA	NA	NA	NA	
Chloroethane	ND	1.0	0.11	ug/L	NA	NA	NA	NA	NA	NA	
Chloroform	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	

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Service Engineering Group	Client Ref:5017-0207	Work Order #: 0506041
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5K0527 - EPA 5030B

Method Blank (B5K0527-BLK1) Prepared: 11/25/05 Analyzed: 11/26/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	ND	1.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
cis-1,2-Dichloroethene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
cis-1,3-Dichloropropene	ND	1.0	0.041	ug/L	NA	NA	NA	NA	NA	NA	
Dibromomethane	ND	1.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
Dichlorodifluoromethane	ND	1.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
Dichlorofluoromethane	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
Ethyl Ether	ND	1.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
Ethylbenzene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorobutadiene	ND	2.0	0.24	ug/L	NA	NA	NA	NA	NA	NA	
Isopropylbenzene	ND	1.0	0.064	ug/L	NA	NA	NA	NA	NA	NA	
m,p-Xylenes	ND	1.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
Methyl Isobutyl Ketone	ND	5.0	0.42	ug/L	NA	NA	NA	NA	NA	NA	
Methylene chloride	ND	5.0	0.63	ug/L	NA	NA	NA	NA	NA	NA	
Methyl-t-butyl ether	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
Naphthalene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
n-Butylbenzene	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
n-Propylbenzene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
o-Xylene	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
sec-Butylbenzene	ND	1.0	0.042	ug/L	NA	NA	NA	NA	NA	NA	
Styrene	ND	1.0	0.047	ug/L	NA	NA	NA	NA	NA	NA	
tert-Butylbenzene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
Tetrachloroethene	ND	2.0	0.19	ug/L	NA	NA	NA	NA	NA	NA	
Tetrahydrofuran	ND	5.0	1.2	ug/L	NA	NA	NA	NA	NA	NA	
Toluene	ND	1.0	0.17	ug/L	NA	NA	NA	NA	NA	NA	
trans-1,2-Dichloroethene	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
trans-1,3-Dichloropropene	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
Trichloroethene	ND	1.0	0.073	ug/L	NA	NA	NA	NA	NA	NA	
Trichlorofluoromethane	ND	1.0	0.19	ug/L	NA	NA	NA	NA	NA	NA	
Vinyl chloride	ND	1.0	0.25	ug/L	NA	NA	NA	NA	NA	NA	
Surrogate: 1,2-Dichloroethane-d4	*24.7*			ug/L	*25.0*	*NA*	*98.8*	*82-128*			
Surrogate: 4-Bromofluorobenzene	*24.9*			ug/L	*25.0*	*NA*	*99.6*	*76-119*			
Surrogate: Dibromofluoromethane	*24.7*			ug/L	*25.0*	*NA*	*98.8*	*79-127*			
Surrogate: Toluene-d8	*25.4*			ug/L	*25.0*	*NA*	*102*	*82-116*			

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Service Engineering Group	Client Ref:5017-0207	Work Order #: 0506041
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5K0527 - EPA 5030B

Laboratory Control Sample (B5K0527-BS1) Prepared & Analyzed: 11/25/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	26.5	1.0	0.14	ug/L	25.0	NA	106	80-120	NA	NA	
1,1,1-Trichloroethane	25.1	1.0	0.050	ug/L	25.0	NA	100	80-120	NA	NA	
1,1,2,2-Tetrachloroethane	25.3	1.0	0.23	ug/L	25.0	NA	101	80-120	NA	NA	
1,1,2-Trichloroethane	25.4	1.0	0.20	ug/L	25.0	NA	102	80-120	NA	NA	
1,1,2-Trichlorotrifluoroethane	25.2	1.0	0.12	ug/L	25.0	NA	101	80-120	NA	NA	
1,1-Dichloroethane	24.6	1.0	0.053	ug/L	25.0	NA	98.4	80-120	NA	NA	
1,1-Dichloroethene	25.2	1.0	0.085	ug/L	25.0	NA	101	80-120	NA	NA	
1,1-Dichloropropene	24.9	1.0	0.073	ug/L	25.0	NA	99.6	80-120	NA	NA	
1,2,3-Trichlorobenzene	27.4	1.0	0.11	ug/L	25.0	NA	110	80-120	NA	NA	
1,2,3-Trichloropropane	24.6	1.0	0.30	ug/L	25.0	NA	98.4	80-120	NA	NA	
1,2,4-Trichlorobenzene	26.5	1.0	0.14	ug/L	25.0	NA	106	80-120	NA	NA	
1,2,4-Trimethylbenzene	26.6	1.0	0.071	ug/L	25.0	NA	106	80-120	NA	NA	
1,2-Dibromo-3-chloropropane	26.8	1.0	0.41	ug/L	25.0	NA	107	80-120	NA	NA	
1,2-Dibromoethane	25.4	1.0	0.064	ug/L	25.0	NA	102	80-120	NA	NA	
1,2-Dichlorobenzene	25.5	1.0	0.12	ug/L	25.0	NA	102	80-120	NA	NA	
1,2-Dichloroethane	24.6	1.0	0.053	ug/L	25.0	NA	98.4	80-120	NA	NA	
1,2-Dichloropropane	24.6	1.0	0.050	ug/L	25.0	NA	98.4	80-120	NA	NA	
1,3,5-Trimethylbenzene	26.5	1.0	0.097	ug/L	25.0	NA	106	80-120	NA	NA	
1,3-Dichlorobenzene	25.7	1.0	0.083	ug/L	25.0	NA	103	80-120	NA	NA	
1,3-Dichloropropane	25.4	1.0	0.13	ug/L	25.0	NA	102	80-120	NA	NA	
1,4-Dichlorobenzene	25.6	1.0	0.12	ug/L	25.0	NA	102	80-120	NA	NA	
2,2-Dichloropropane	24.9	1.0	0.10	ug/L	25.0	NA	99.6	80-120	NA	NA	
2-Butanone (MEK)	23.9	10	1.3	ug/L	25.0	NA	95.6	80-120	NA	NA	
2-Chlorotoluene	25.5	1.0	0.20	ug/L	25.0	NA	102	80-120	NA	NA	
4-Chlorotoluene	25.9	1.0	0.13	ug/L	25.0	NA	104	80-120	NA	NA	
4-Isopropyltoluene	26.9	1.0	0.058	ug/L	25.0	NA	108	80-120	NA	NA	
Acetone	24.4	20	1.5	ug/L	25.0	NA	97.6	80-120	NA	NA	
Allyl Chloride	25.0	1.0	0.26	ug/L	25.0	NA	100	80-120	NA	NA	
Benzene	24.9	1.0	0.045	ug/L	25.0	NA	99.6	80-120	NA	NA	
Bromobenzene	25.3	1.0	0.15	ug/L	25.0	NA	101	80-120	NA	NA	
Bromochloromethane	24.4	1.0	0.21	ug/L	25.0	NA	97.6	80-120	NA	NA	
Bromodichloromethane	25.4	1.0	0.11	ug/L	25.0	NA	102	80-120	NA	NA	
Bromoform	23.8	5.0	0.13	ug/L	25.0	NA	95.2	80-120	NA	NA	
Bromomethane	25.2	1.0	0.14	ug/L	25.0	NA	101	80-120	NA	NA	
Carbon Tetrachloride	25.6	1.0	0.057	ug/L	25.0	NA	102	80-120	NA	NA	
Chlorobenzene	25.8	1.0	0.042	ug/L	25.0	NA	103	80-120	NA	NA	
Chlorodibromomethane	27.1	1.0	0.028	ug/L	25.0	NA	108	80-120	NA	NA	
Chloroethane	23.6	1.0	0.11	ug/L	25.0	NA	94.4	80-120	NA	NA	
Chloroform	25.0	1.0	0.12	ug/L	25.0	NA	100	80-120	NA	NA	

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Service Engineering Group	Client Ref:5017-0207	Work Order #: 0506041
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5K0527 - EPA 5030B

Laboratory Control Sample (B5K0527-BS1) Prepared & Analyzed: 11/25/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	23.7	1.0	0.20	ug/L	25.0	NA	94.8	80-120	NA	NA	
cis-1,2-Dichloroethene	25.0	1.0	0.10	ug/L	25.0	NA	100	80-120	NA	NA	
cis-1,3-Dichloropropene	25.5	1.0	0.041	ug/L	25.0	NA	102	80-120	NA	NA	
Dibromomethane	24.5	1.0	0.20	ug/L	25.0	NA	98.0	80-120	NA	NA	
Dichlorodifluoromethane	24.8	1.0	0.13	ug/L	25.0	NA	99.2	80-120	NA	NA	
Dichlorofluoromethane	23.6	1.0	0.10	ug/L	25.0	NA	94.4	80-120	NA	NA	
Ethyl Ether	23.9	1.0	0.31	ug/L	25.0	NA	95.6	80-120	NA	NA	
Ethylbenzene	26.4	1.0	0.10	ug/L	25.0	NA	106	80-120	NA	NA	
Hexachlorobutadiene	27.4	2.0	0.24	ug/L	25.0	NA	110	80-120	NA	NA	
Isopropylbenzene	26.3	1.0	0.064	ug/L	25.0	NA	105	80-120	NA	NA	
m,p-Xylenes	51.3	1.0	0.13	ug/L	50.0	NA	103	80-120	NA	NA	
Methyl Isobutyl Ketone	25.3	5.0	0.42	ug/L	25.0	NA	101	80-120	NA	NA	
Methylene chloride	23.2	5.0	0.63	ug/L	25.0	NA	92.8	80-120	NA	NA	
Methyl-t-butyl ether	25.1	1.0	0.12	ug/L	25.0	NA	100	80-120	NA	NA	
Naphthalene	26.4	1.0	0.10	ug/L	25.0	NA	106	80-120	NA	NA	
n-Butylbenzene	26.7	1.0	0.12	ug/L	25.0	NA	107	80-120	NA	NA	
n-Propylbenzene	25.8	1.0	0.10	ug/L	25.0	NA	103	80-120	NA	NA	
o-Xylene	25.5	1.0	0.14	ug/L	25.0	NA	102	80-120	NA	NA	
sec-Butylbenzene	26.9	1.0	0.042	ug/L	25.0	NA	108	80-120	NA	NA	
Styrene	26.6	1.0	0.047	ug/L	25.0	NA	106	80-120	NA	NA	
tert-Butylbenzene	26.6	1.0	0.10	ug/L	25.0	NA	106	80-120	NA	NA	
Tetrachloroethene	25.0	2.0	0.19	ug/L	25.0	NA	100	80-120	NA	NA	
Tetrahydrofuran	24.4	5.0	1.2	ug/L	25.0	NA	97.6	80-120	NA	NA	
Toluene	25.1	1.0	0.17	ug/L	25.0	NA	100	80-120	NA	NA	
trans-1,2-Dichloroethene	25.4	1.0	0.14	ug/L	25.0	NA	102	80-120	NA	NA	
trans-1,3-Dichloropropene	25.6	1.0	0.12	ug/L	25.0	NA	102	80-120	NA	NA	
Trichloroethene	24.8	1.0	0.073	ug/L	25.0	NA	99.2	80-120	NA	NA	
Trichlorofluoromethane	23.4	1.0	0.19	ug/L	25.0	NA	93.6	80-120	NA	NA	
Vinyl chloride	23.2	1.0	0.25	ug/L	25.0	NA	92.8	80-120	NA	NA	
Surrogate: 1,2-Dichloroethane-d4	*24.3*			ug/L	*25.0*	*NA*	*97.2*	*82-128*			
Surrogate: 4-Bromofluorobenzene	*25.0*			ug/L	*25.0*	*NA*	*100*	*76-119*			
Surrogate: Dibromofluoromethane	*24.9*			ug/L	*25.0*	*NA*	*99.6*	*79-127*			
Surrogate: Toluene-d8	*25.6*			ug/L	*25.0*	*NA*	*102*	*82-116*			

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Service Engineering Group	Client Ref:5017-0207	Work Order #: 0506041
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5K0527 - EPA 5030B

Laboratory Control Sample Duplicate (B5K0527-BSD1) Prepared & Analyzed: 11/25/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	26.2	1.0	0.14	ug/L	25.0	NA	105	80-120	1.14	20	
1,1,1-Trichloroethane	25.3	1.0	0.050	ug/L	25.0	NA	101	80-120	0.794	20	
1,1,2,2-Tetrachloroethane	25.1	1.0	0.23	ug/L	25.0	NA	100	80-120	0.794	20	
1,1,2-Trichloroethane	25.3	1.0	0.20	ug/L	25.0	NA	101	80-120	0.394	20	
1,1,2-Trichlorotrifluoroethane	25.4	1.0	0.12	ug/L	25.0	NA	102	80-120	0.791	20	
1,1-Dichloroethane	25.2	1.0	0.053	ug/L	25.0	NA	101	80-120	2.41	20	
1,1-Dichloroethene	25.4	1.0	0.085	ug/L	25.0	NA	102	80-120	0.791	20	
1,1-Dichloropropene	25.3	1.0	0.073	ug/L	25.0	NA	101	80-120	1.59	20	
1,2,3-Trichlorobenzene	23.6	1.0	0.11	ug/L	25.0	NA	94.4	80-120	14.9	20	
1,2,3-Trichloropropane	24.4	1.0	0.30	ug/L	25.0	NA	97.6	80-120	0.816	20	
1,2,4-Trichlorobenzene	24.6	1.0	0.14	ug/L	25.0	NA	98.4	80-120	7.44	20	
1,2,4-Trimethylbenzene	26.4	1.0	0.071	ug/L	25.0	NA	106	80-120	0.755	20	
1,2-Dibromo-3-chloropropane	26.3	1.0	0.41	ug/L	25.0	NA	105	80-120	1.88	20	
1,2-Dibromoethane	25.4	1.0	0.064	ug/L	25.0	NA	102	80-120	0.00	20	
1,2-Dichlorobenzene	25.4	1.0	0.12	ug/L	25.0	NA	102	80-120	0.393	20	
1,2-Dichloroethane	24.6	1.0	0.053	ug/L	25.0	NA	98.4	80-120	0.00	20	
1,2-Dichloropropane	24.5	1.0	0.050	ug/L	25.0	NA	98.0	80-120	0.407	20	
1,3,5-Trimethylbenzene	26.4	1.0	0.097	ug/L	25.0	NA	106	80-120	0.378	20	
1,3-Dichlorobenzene	25.6	1.0	0.083	ug/L	25.0	NA	102	80-120	0.390	20	
1,3-Dichloropropane	25.2	1.0	0.13	ug/L	25.0	NA	101	80-120	0.791	20	
1,4-Dichlorobenzene	25.6	1.0	0.12	ug/L	25.0	NA	102	80-120	0.00	20	
2,2-Dichloropropane	25.0	1.0	0.10	ug/L	25.0	NA	100	80-120	0.401	20	
2-Butanone (MEK)	26.4	10	1.3	ug/L	25.0	NA	106	80-120	9.94	20	
2-Chlorotoluene	25.5	1.0	0.20	ug/L	25.0	NA	102	80-120	0.00	20	
4-Chlorotoluene	25.9	1.0	0.13	ug/L	25.0	NA	104	80-120	0.00	20	
4-Isopropyltoluene	26.5	1.0	0.058	ug/L	25.0	NA	106	80-120	1.50	20	
Acetone	28.8	20	1.5	ug/L	25.0	NA	115	80-120	16.5	20	
Allyl Chloride	25.3	1.0	0.26	ug/L	25.0	NA	101	80-120	1.19	20	
Benzene	25.0	1.0	0.045	ug/L	25.0	NA	100	80-120	0.401	20	
Bromobenzene	25.4	1.0	0.15	ug/L	25.0	NA	102	80-120	0.394	20	
Bromochloromethane	24.7	1.0	0.21	ug/L	25.0	NA	98.8	80-120	1.22	20	
Bromodichloromethane	25.5	1.0	0.11	ug/L	25.0	NA	102	80-120	0.393	20	
Bromoform	23.7	5.0	0.13	ug/L	25.0	NA	94.8	80-120	0.421	20	
Bromomethane	24.6	1.0	0.14	ug/L	25.0	NA	98.4	80-120	2.41	20	
Carbon Tetrachloride	25.9	1.0	0.057	ug/L	25.0	NA	104	80-120	1.17	20	
Chlorobenzene	25.4	1.0	0.042	ug/L	25.0	NA	102	80-120	1.56	20	
Chlorodibromomethane	26.7	1.0	0.028	ug/L	25.0	NA	107	80-120	1.49	20	
Chloroethane	24.0	1.0	0.11	ug/L	25.0	NA	96.0	80-120	1.68	20	
Chloroform	25.1	1.0	0.12	ug/L	25.0	NA	100	80-120	0.399	20	

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Service Engineering Group	Client Ref:5017-0207	Work Order #: 0506041
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5K0527 - EPA 5030B

Laboratory Control Sample Duplicate (B5K0527-BSD1) Prepared & Analyzed: 11/25/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	24.4	1.0	0.20	ug/L	25.0	NA	97.6	80-120	2.91	20	
cis-1,2-Dichloroethene	24.6	1.0	0.10	ug/L	25.0	NA	98.4	80-120	1.61	20	
cis-1,3-Dichloropropene	25.7	1.0	0.041	ug/L	25.0	NA	103	80-120	0.781	20	
Dibromomethane	24.5	1.0	0.20	ug/L	25.0	NA	98.0	80-120	0.00	20	
Dichlorodifluoromethane	24.6	1.0	0.13	ug/L	25.0	NA	98.4	80-120	0.810	20	
Dichlorofluoromethane	23.8	1.0	0.10	ug/L	25.0	NA	95.2	80-120	0.844	20	
Ethyl Ether	23.7	1.0	0.31	ug/L	25.0	NA	94.8	80-120	0.840	20	
Ethylbenzene	26.0	1.0	0.10	ug/L	25.0	NA	104	80-120	1.53	20	
Hexachlorobutadiene	26.7	2.0	0.24	ug/L	25.0	NA	107	80-120	2.59	20	
Isopropylbenzene	25.8	1.0	0.064	ug/L	25.0	NA	103	80-120	1.92	20	
m,p-Xylenes	50.8	1.0	0.13	ug/L	50.0	NA	102	80-120	0.979	20	
Methyl Isobutyl Ketone	25.4	5.0	0.42	ug/L	25.0	NA	102	80-120	0.394	20	
Methylene chloride	23.4	5.0	0.63	ug/L	25.0	NA	93.6	80-120	0.858	20	
Methyl-t-butyl ether	24.8	1.0	0.12	ug/L	25.0	NA	99.2	80-120	1.20	20	
Naphthalene	24.7	1.0	0.10	ug/L	25.0	NA	98.8	80-120	6.65	20	
n-Butylbenzene	26.0	1.0	0.12	ug/L	25.0	NA	104	80-120	2.66	20	
n-Propylbenzene	25.7	1.0	0.10	ug/L	25.0	NA	103	80-120	0.388	20	
o-Xylene	25.1	1.0	0.14	ug/L	25.0	NA	100	80-120	1.58	20	
sec-Butylbenzene	26.5	1.0	0.042	ug/L	25.0	NA	106	80-120	1.50	20	
Styrene	26.3	1.0	0.047	ug/L	25.0	NA	105	80-120	1.13	20	
tert-Butylbenzene	26.3	1.0	0.10	ug/L	25.0	NA	105	80-120	1.13	20	
Tetrachloroethene	26.7	2.0	0.19	ug/L	25.0	NA	107	80-120	6.58	20	
Tetrahydrofuran	23.4	5.0	1.2	ug/L	25.0	NA	93.6	80-120	4.18	20	
Toluene	24.6	1.0	0.17	ug/L	25.0	NA	98.4	80-120	2.01	20	
trans-1,2-Dichloroethene	24.8	1.0	0.14	ug/L	25.0	NA	99.2	80-120	2.39	20	
trans-1,3-Dichloropropene	25.6	1.0	0.12	ug/L	25.0	NA	102	80-120	0.00	20	
Trichloroethene	24.9	1.0	0.073	ug/L	25.0	NA	99.6	80-120	0.402	20	
Trichlorofluoromethane	24.7	1.0	0.19	ug/L	25.0	NA	98.8	80-120	5.41	20	
Vinyl chloride	21.9	1.0	0.25	ug/L	25.0	NA	87.6	80-120	5.76	20	
Surrogate: 1,2-Dichloroethane-d4	*24.4*			ug/L	*25.0*	*NA*	*97.6*	*82-128*			
Surrogate: 4-Bromofluorobenzene	*25.1*			ug/L	*25.0*	*NA*	*100*	*76-119*			
Surrogate: Dibromofluoromethane	*25.0*			ug/L	*25.0*	*NA*	*100*	*79-127*			
Surrogate: Toluene-d8	*25.3*			ug/L	*25.0*	*NA*	*101*	*82-116*			

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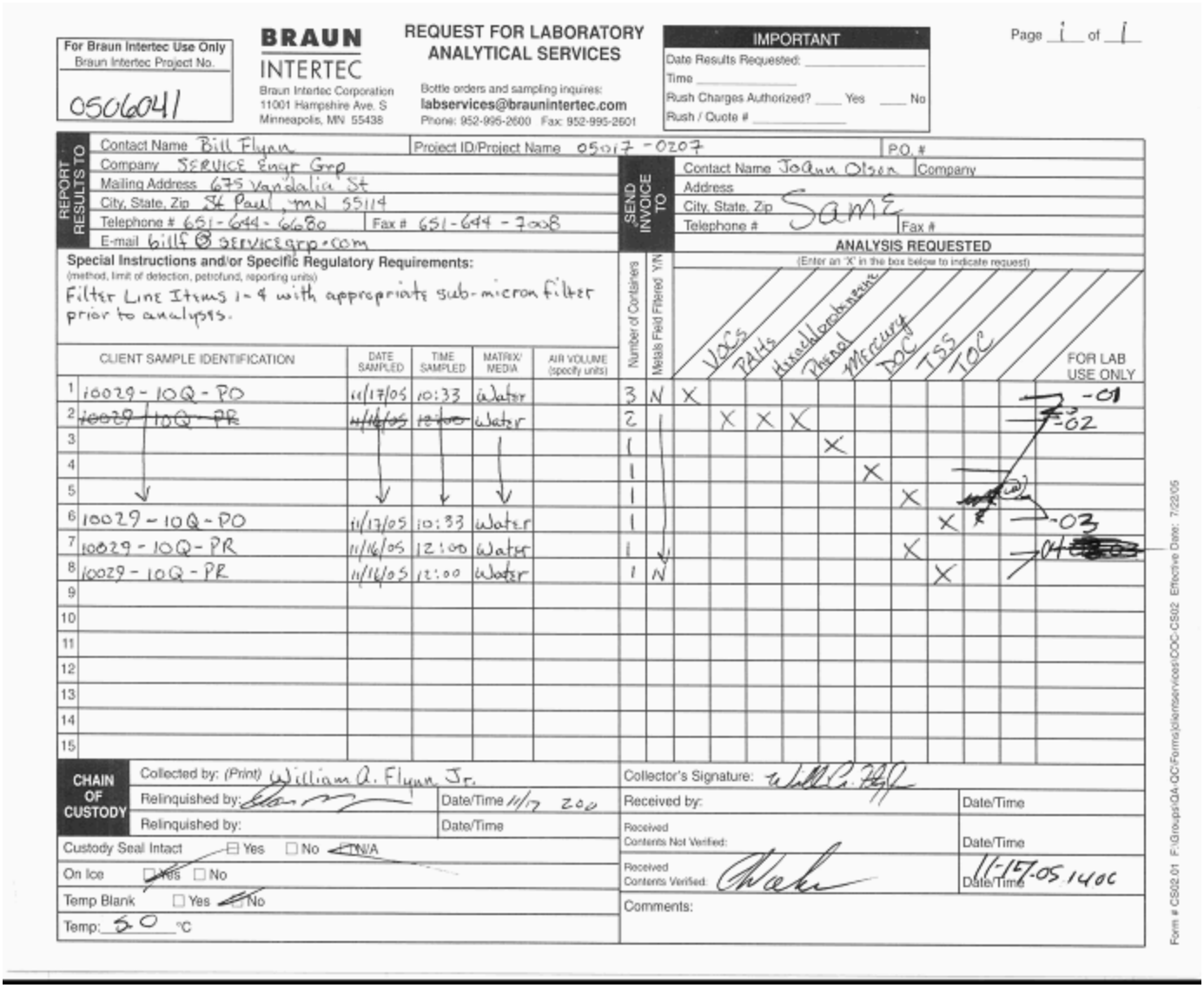
Service Engineering Group	Client Ref:5017-0207	Work Order #: 0506041
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003



For Braun Intertec Use Only — Braun Intertec Project No. 0506041

BRAUN INTERTEC — Braun Intertec Corporation, 11001 Hampshire Ave. S, Minneapolis, MN 55438. Bottle orders and sampling inquires: labservices@braunintertec.com, Phone: 952-995-2600 Fax: 952-995-2601

REQUEST FOR LABORATORY ANALYTICAL SERVICES

IMPORTANT
Date Results Requested:
Time
Rush Charges Authorized? ___ Yes ___ No
Rush / Quote #

Page 1 of 1

REPORT RESULTS TO
Contact Name: Bill Flynn
Company: SERVICE Engr Grp
Mailing Address: 675 Vandalia St
City, State, Zip: St Paul, MN 55114
Telephone #: 651-644-6680 Fax #: 651-644-7008
E-mail: billf@servicegrp.com

Project ID/Project Name: 05017-0207
P.O. #

SEND INVOICE TO
Contact Name: JoAnn Olsen Company:
Address:
City, State, Zip: Same
Telephone # Fax #

Special Instructions and/or Specific Regulatory Requirements:
(method, limit of detection, petrofund, reporting units)
Filter Line Items 1-4 with appropriate sub-micron filter prior to analysis.

ANALYSIS REQUESTED
(Enter an 'X' in the box below to indicate request)

	CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)	Number of Containers	Metals Field Filtered Y/N	VOCs	PAHs	Hexachlorobenzene	Phenol	Mercury	DOC	TSS	TOC	FOR LAB USE ONLY
1	10029-10Q-PO	11/17/05	10:33	Water		3	N	X								-01
2	~~10029-10Q-PR~~	~~11/16/05~~	~~12:00~~	Water		2			X	X	X					-02
3						1						X				
4						1							X			
5	↓	↓	↓	↓		1								X		
6	10029-10Q-PO	11/17/05	10:33	Water		1									X	-03
7	10029-10Q-PR	11/16/05	12:00	Water		1	↓							X		
8	10029-10Q-PR	11/16/05	12:00	Water		1	N								X	
9																
10																
11																
12																
13																
14																
15																

CHAIN OF CUSTODY
Collected by: (Print) William A. Flynn Jr. Collector's Signature:
Relinquished by: Date/Time 11/17 200
Relinquished by: Date/Time
Received by: Date/Time
Received Contents Not Verified: Date/Time
Received Contents Verified: Date/Time 11-17-05 1400
Custody Seal Intact ☐ Yes ☐ No ☒ N/A
On Ice ☐ Yes ☐ No
Temp Blank ☐ Yes ☐ No
Temp: 5.0 °C
Comments:

Form # CS02.01 F:\Groups\QA-QC\Forms\cleanservices\COC-CS02 Effective Date: 7/22/05

BRAUN INTERTEC

Braun Intertec Corporation
11001 Hampshire Avenue S
Minneapolis, MN 55438

Phone: 952.995.2000
Fax: 952.995.2020
Web: brauntintertec.com

Mr. Bill Flynn
Service Engineering Group
675 Vandalia Street
St. Paul, MN 55114-1312

December 14, 2005

Work Order #: 0506042

RE: 5017-0207

Dear Mr. Bill Flynn

Braun Intertec Corporation received samples for the project identified above on 11/17/05 14:00. Analytical results are summarized in the following report.

All routine quality assurance procedures were followed, unless otherwise noted.

Analytical results are reported on an "as received" basis unless otherwise noted. Where possible, the samples will be retained by the laboratory for 14 days following issuance of the initial final report. The samples will be disposed of or returned at that time. Arrangements can be made for extended storage by contacting me at this time.

We appreciate your decision to use Braun Intertec Corporation for this project. We are committed to being your vendor of choice to meet your analytical chemistry needs.

If you have any questions please contact me at the above phone number.

Sincerely,

Steven J. Albrecht

Steven J. Albrecht
Associate Principal

Certification/Accreditation Numbers

Minnesota Department of Health: 027-053-117 Wisconsin DNR: 999462640 NVLAP: 1021234-0 AIHA: 101103

BRAUN INTERTEC

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Service Engineering Group	Client Ref:5017-0207	Work Order #: 0506042
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

How to Use this Report

In order to get the most out of the information presented in this report please refer to the following explanations as to how the data in this report is tied together and how some of the terms are defined.

Qualifiers and Abbreviations are defined in the following section. You will find these codes used throughout the report in headers and in note sections to designate a unique fact about the data to which they are associated.

The Case Narrative gives a "story" about the analysis and results. Here you will find greater elaboration on relevant qualifiers as well as an explanation of anything of particular note in the data. This is a discussion of the data in terms of quality control and chemistry. It is a summary of any deviations that could affect the usefulness of the data. This is not an interpretation as to how this information relates to regulatory compliance, toxicity, or hazardous characterization. These items are beyond the scope of this report.

The Sample Summary provides detail on sample receipt. The association between Client sample ID and the Laboratory sample ID are defined here; this information is valuable to have when discussing results with your project manager. Sample collection and receipt dates and times are provided here as well. General notes regarding the work order are also documented here. This is a mini "case narrative" that describes any anomalies regarding the condition of the samples upon arrival to the laboratory or special circumstances regarding the work order.

The Conditions Upon Receipt summarizes the results of specific checks that have been performed at sample receipt. This includes items like custody documentation, sample condition, and temperature at receipt. Each "cooler" is identified and the conditions associated with that cooler are documented. A "cooler" is defined as the larger container used to transport the individual samples. In most cases this is a standard recreational cooler but it can be a box, plastic bag, or other container.

The laboratory results are summarized in the following sections. Data is broken down into major categories for convenience. An example of such a category would be "Total Petroleum Hydrocarbons." Here you would find data that references the testing of such parameters as diesel range organics and gasoline range organics. Other categories are similarly mapped. The batch number is associated with each sample. This is important to evaluate Quality Control (QC) data. Surrogate results samples are provided with each sample. Laboratory control limits are provided for comparison (see below). The reference method is also identified. If a method is denoted with an "M" (e.g. EPA 1234(M)) this means that it has been modified. An explanation of the modification will be found in the Case Narrative. A result is given with appropriate units. If a soil sample is dry-weight corrected then the word "dry" will appear next to the units. If the word "dry" does not appear then the result is "as received."

The Method Reporting Limit (MRL) and Method Detection Limit (MDL) are provided. It is important to understand these terms. The MRL is a level that has been empirically verified to provide reliable quantitation of results. Results that are equal to or greater than this value will show up as bolded. They are considered "hits." The MDL is a statistically derived number that indicates, with high confidence, that an analyte can be detected above noise level. If a result is less than this value it is marked as "ND" for "Non-Detect." If a result is less than the MRL but greater than the MDL then it is considered an estimate. Such a result is reported with a "J" flag denoting that it has been detected but that the result is an estimate. This is consistent with the *CLP Statement of Work* and the *National Functional Guidelines.*

The Quality Control (QC) samples are documented in the following section. Here you will find the preparation batches associated with each sample from the results section. The sample preparation method is also defined here. Accuracy is represented here in terms of a percent recovery as compared to a known value. Precision is represented as a relative percent difference between two duplicate sample aliquots. The laboratory control limits are provided as a means to evaluate the quality control data. If the result falls outside the laboratory control limits this simply means that it is outside what is typical for the laboratory and is noted accordingly. This does not mean that the data is invalid. Laboratory control limits are generally tighter than most program limits. This is a very important distinction. How the data is ultimately used determines its validity. Program requirements are defined in the Quality Assurance Project Plan (QAPP) governing the project. If your project manager is aware of your specific program requirements then a note will be made in the case narrative if the data fails to meet any of these requirements.

The last section contains copies of important documents and/or instrument printouts relavent to the report. This includes the chain of custody. It also may include items like chromatograms or spectra.

Please note that this report is paginated and must be reproduced in its entirety.

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Qualifiers and Abbreviations

vfa	The method reporting limit (MRL) was raised for one or more analytes; a dilution of the sample was necessary due to high analyte levels and/or matrix interferences.
ts	This analysis was performed by a subcontract laboratory.
sk	The surrogate recovery is outside of laboratory control limits due to matrix interference.
J	Detected but below the Method Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
go	The laboratory control sample recovery is outside of laboratory control limits.
COC	Chain of Custody
dry	Sample results reported on a dry weight basis
MDL	Method Detection Limit
MRL	Method Reporting Limit
NA	Not Applicable
ND	Analyte NOT DETECTED
NR	Not Reported
%Rec	Percent Recovery
RPD	Relative Percent Difference
VOC	Volatile Organic Compound

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675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

SAMPLE SUMMARY

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
10029-1M-PR	0506042-01	Water	11/17/05 09:30	11/17/05 14:00
10029-1M-PR	0506042-02	Soil	11/17/05 09:00	11/17/05 14:00

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Conditions Upon Receipt

Cooler: Cooler #1

Temperature:	5.0 °C	**Received on Ice:**	Yes	**Preservation Confirmed:**	Yes
COC Included:	Yes	**Hand Delivered by Sampler:**	Yes	**Temperature Blank:**	No
Custody Seals Used:	No	**Sufficient Sample Provided:**	Yes	**COC Complete:**	Yes
Custody Seals Intact:	No	**Headspace Present (VOC):**	No	**COC & Labels Agree:**	Yes

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-1M-PR

0506042-01 (Water)

11/17/05 9:30

Classical Chemistry Parameters

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Total Suspended Solids	**3400**	13	3.6	mg/L	B5K0416	11/22/05	11/22/05	EPA 160.2	
Total Organic Carbon	**13**	1.5	0.50	mg/L	B5L0214	12/12/05	12/12/05	EPA 9060	ts

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-1M-PR

0506042-02 (Soil)

11/17/05 9:00

Classical Chemistry Parameters

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
% Solids	**52**			% Wt	B5K0451	11/23/05	11/25/05	ASTM D2216	

Metals

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Mercury	**19**	2.8	0.13	mg/kg dry	B5K0474	11/25/05	11/28/05	EPA 7471A	

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,2,4-Trichlorobenzene	**23**	1.3	0.19	mg/kg dry	B5K0380	11/21/05	11/23/05	EPA 8270C	
1,2-Dichlorobenzene	**19**	1.3	0.096	mg/kg dry	B5K0380	11/21/05	11/23/05	EPA 8270C	
1,2-Diphenylhydrazine	ND	0.13	0.012	mg/kg dry	B5K0380	11/21/05	11/23/05	EPA 8270C	
1,3-Dichlorobenzene	**0.95**	0.13	0.015	mg/kg dry	B5K0380	11/21/05	11/23/05	EPA 8270C	
1,4-Dichlorobenzene	**43**	1.3	0.19	mg/kg dry	B5K0380	11/21/05	11/23/05	EPA 8270C	
2,4,5-Trichlorophenol	ND	0.13	0.037	mg/kg dry	B5K0380	11/21/05	11/23/05	EPA 8270C	
2,4,6-Trichlorophenol	ND	0.13	0.033	mg/kg dry	B5K0380	11/21/05	11/23/05	EPA 8270C	
2,4-Dichlorophenol	ND	0.13	0.037	mg/kg dry	B5K0380	11/21/05	11/23/05	EPA 8270C	
2,4-Dimethylphenol	ND	0.33	0.11	mg/kg dry	B5K0380	11/21/05	11/23/05	EPA 8270C	
2,4-Dinitrophenol	ND	0.33	0.035	mg/kg dry	B5K0380	11/21/05	11/23/05	EPA 8270C	
2,4-Dinitrotoluene	ND	0.13	0.013	mg/kg dry	B5K0380	11/21/05	11/23/05	EPA 8270C	
2,6-Dinitrotoluene	ND	0.13	0.012	mg/kg dry	B5K0380	11/21/05	11/23/05	EPA 8270C	
2-Chloronaphthalene	ND	0.13	0.013	mg/kg dry	B5K0380	11/21/05	11/23/05	EPA 8270C	
2-Chlorophenol	ND	0.13	0.035	mg/kg dry	B5K0380	11/21/05	11/23/05	EPA 8270C	
2-Methylnaphthalene	**14**	1.3	0.44	mg/kg dry	B5K0380	11/21/05	11/23/05	EPA 8270C	
2-Methylphenol	ND	0.33	0.033	mg/kg dry	B5K0380	11/21/05	11/23/05	EPA 8270C	
2-Nitroaniline	ND	0.13	0.035	mg/kg dry	B5K0380	11/21/05	11/23/05	EPA 8270C	
2-Nitrophenol	ND	0.13	0.037	mg/kg dry	B5K0380	11/21/05	11/23/05	EPA 8270C	
3,3-Dichlorobenzidine	ND	0.64	0.033	mg/kg dry	B5K0380	11/21/05	11/23/05	EPA 8270C	
3-/4-Methylphenol	**2.5**	0.33	0.040	mg/kg dry	B5K0380	11/21/05	11/23/05	EPA 8270C	
3-Nitroaniline	ND	0.33	0.035	mg/kg dry	B5K0380	11/21/05	11/23/05	EPA 8270C	
4,6-Dinitro-2-methylphenol	ND	0.33	0.019	mg/kg dry	B5K0380	11/21/05	11/23/05	EPA 8270C	
4-Bromophenyl phenyl ether	ND	0.13	0.019	mg/kg dry	B5K0380	11/21/05	11/23/05	EPA 8270C	

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Service Engineering Group	Client Ref:5017-0207	Work Order #: 0506042
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-1M-PR

0506042-02 (Soil)

11/17/05 9:00

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
4-Chloro-3-methylphenol	ND	0.13	0.042	mg/kg dry	B5K0380	11/21/05	11/23/05	EPA 8270C	
4-Chloroaniline	ND	0.33	0.035	mg/kg dry	B5K0380	11/21/05	11/23/05	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	0.13	0.021	mg/kg dry	B5K0380	11/21/05	11/23/05	EPA 8270C	
4-Nitroaniline	ND	0.13	0.029	mg/kg dry	B5K0380	11/21/05	11/23/05	EPA 8270C	
4-Nitrophenol	ND	0.13	0.040	mg/kg dry	B5K0380	11/21/05	11/23/05	EPA 8270C	
Acenaphthene	ND	0.13	0.019	mg/kg dry	B5K0380	11/21/05	11/23/05	EPA 8270C	
Acenaphthylene	**1.8**	0.13	0.013	mg/kg dry	B5K0380	11/21/05	11/23/05	EPA 8270C	
Aniline	ND	0.33	0.081	mg/kg dry	B5K0380	11/21/05	11/23/05	EPA 8270C	
Anthracene	**1.5**	0.13	0.019	mg/kg dry	B5K0380	11/21/05	11/23/05	EPA 8270C	
Benz(a)anthracene	**1.1**	0.13	0.019	mg/kg dry	B5K0380	11/21/05	11/23/05	EPA 8270C	
Benzo(a)pyrene	**0.77**	0.13	0.015	mg/kg dry	B5K0380	11/21/05	11/23/05	EPA 8270C	
Benzo(b)fluoranthene	**0.81**	0.13	0.033	mg/kg dry	B5K0380	11/21/05	11/23/05	EPA 8270C	
Benzo(g,h,i)perylene	**0.22**	0.13	0.012	mg/kg dry	B5K0380	11/21/05	11/23/05	EPA 8270C	
Benzo(k)fluoranthene	**0.65**	0.13	0.027	mg/kg dry	B5K0380	11/21/05	11/23/05	EPA 8270C	
Benzyl alcohol	**1.3**	0.13	0.052	mg/kg dry	B5K0380	11/21/05	11/23/05	EPA 8270C	
bis(2-Chloroethoxy)methane	ND	0.13	0.021	mg/kg dry	B5K0380	11/21/05	11/23/05	EPA 8270C	
Bis(2-Chloroethyl)ether	ND	0.13	0.023	mg/kg dry	B5K0380	11/21/05	11/23/05	EPA 8270C	
Bis(2-chloroisopropyl)ether	ND	0.13	0.027	mg/kg dry	B5K0380	11/21/05	11/23/05	EPA 8270C	
Bis(2-Ethylhexyl)phthalate	0.55 J	0.64	0.017	mg/kg dry	B5K0380	11/21/05	11/23/05	EPA 8270C	
Butyl benzyl phthalate	ND	0.13	0.015	mg/kg dry	B5K0380	11/21/05	11/23/05	EPA 8270C	
Carbazole	**0.38**	0.13	0.029	mg/kg dry	B5K0380	11/21/05	11/23/05	EPA 8270C	
Chrysene	**1.2**	0.13	0.019	mg/kg dry	B5K0380	11/21/05	11/23/05	EPA 8270C	
Dibenz(a,h)anthracene	ND	0.13	0.040	mg/kg dry	B5K0380	11/21/05	11/23/05	EPA 8270C	
Dibenzofuran	**2.5**	0.13	0.025	mg/kg dry	B5K0380	11/21/05	11/23/05	EPA 8270C	
Diethylphthalate	ND	0.13	0.021	mg/kg dry	B5K0380	11/21/05	11/23/05	EPA 8270C	
Dimethyl phthalate	ND	0.13	0.021	mg/kg dry	B5K0380	11/21/05	11/23/05	EPA 8270C	
Di-n-butyl phthalate	ND	0.64	0.027	mg/kg dry	B5K0380	11/21/05	11/23/05	EPA 8270C	
Di-n-octyl phthalate	ND	0.13	0.019	mg/kg dry	B5K0380	11/21/05	11/23/05	EPA 8270C	
Fluoranthene	**2.9**	0.13	0.013	mg/kg dry	B5K0380	11/21/05	11/23/05	EPA 8270C	go
Fluorene	**23**	1.3	0.077	mg/kg dry	B5K0380	11/21/05	11/23/05	EPA 8270C	

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Service Engineering Group	Client Ref:5017-0207	Work Order #: 0506042
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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-1M-PR

0506042-02 (Soil)

11/17/05 9:00

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Hexachlorobenzene	ND	0.13	0.017	mg/kg dry	B5K0380	11/21/05	11/23/05	EPA 8270C	
Hexachlorobutadiene	ND	0.13	0.012	mg/kg dry	B5K0380	11/21/05	11/23/05	EPA 8270C	
Hexachlorocyclopentadiene	ND	0.13	0.017	mg/kg dry	B5K0380	11/21/05	11/23/05	EPA 8270C	
Hexachloroethane	ND	0.13	0.017	mg/kg dry	B5K0380	11/21/05	11/23/05	EPA 8270C	
Indeno(1,2,3-cd)pyrene	**0.23**	0.13	0.017	mg/kg dry	B5K0380	11/21/05	11/23/05	EPA 8270C	
Isophorone	ND	0.13	0.019	mg/kg dry	B5K0380	11/21/05	11/23/05	EPA 8270C	
Naphthalene	**170**	13	0.96	mg/kg dry	B5K0380	11/21/05	11/23/05	EPA 8270C	
Nitrobenzene	ND	0.13	0.023	mg/kg dry	B5K0380	11/21/05	11/23/05	EPA 8270C	
N-Nitrosodimethylamine	ND	0.13	0.040	mg/kg dry	B5K0380	11/21/05	11/23/05	EPA 8270C	
N-Nitrosodi-n-propylamine	ND	0.13	0.023	mg/kg dry	B5K0380	11/21/05	11/23/05	EPA 8270C	
N-Nitrosodiphenylamine	**1.9**	0.13	0.013	mg/kg dry	B5K0380	11/21/05	11/23/05	EPA 8270C	
Pentachlorophenol	ND	0.33	0.037	mg/kg dry	B5K0380	11/21/05	11/23/05	EPA 8270C	
Phenol	**6.0**	0.13	0.035	mg/kg dry	B5K0380	11/21/05	11/23/05	EPA 8270C	
Pyridine	ND	0.13	0.075	mg/kg dry	B5K0380	11/21/05	11/23/05	EPA 8270C	
Surrogate: 2,4,6-Tribromophenol	*28.8 %*	*Limits: 30-150%*			*B5K0380*	*11/21/05*	*11/23/05*	*EPA 8270C*	*sk*
Surrogate: 2-Fluorobiphenyl	*60.8 %*	*Limits: 30-104%*			*B5K0380*	*11/21/05*	*11/23/05*	*EPA 8270C*	
Surrogate: 2-Fluorophenol	*34.7 %*	*Limits: 30-106%*			*B5K0380*	*11/21/05*	*11/23/05*	*EPA 8270C*	
Surrogate: Nitrobenzene-d5	*48.2 %*	*Limits: 30-90%*			*B5K0380*	*11/21/05*	*11/23/05*	*EPA 8270C*	
Surrogate: Phenol-d6	*47.8 %*	*Limits: 30-102%*			*B5K0380*	*11/21/05*	*11/23/05*	*EPA 8270C*	
Surrogate: Terphenyl-d14	*57.5 %*	*Limits: 30-115%*			*B5K0380*	*11/21/05*	*11/23/05*	*EPA 8270C*	

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,1,2-Tetrachloroethane	ND	0.96	0.14	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
1,1,1-Trichloroethane	ND	0.96	0.058	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
1,1,2,2-Tetrachloroethane	ND	0.96	0.23	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
1,1,2-Trichloroethane	ND	0.96	0.19	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
1,1,2-Trichlorotrifluoroethane	ND	0.96	0.11	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa

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Service Engineering Group	Client Ref:5017-0207	Work Order #: 0506042
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-1M-PR

0506042-02 (Soil)

11/17/05 9:00

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1-Dichloroethane	ND	0.96	0.052	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
1,1-Dichloroethene	ND	0.96	0.083	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
1,1-Dichloropropene	ND	0.96	0.071	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
1,2,3-Trichlorobenzene	ND	0.96	0.11	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
1,2,3-Trichloropropane	ND	0.96	0.29	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
1,2,4-Trichlorobenzene	**34**	0.96	0.14	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
1,2,4-Trimethylbenzene	**21**	0.96	0.067	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
1,2-Dibromo-3-chloropropane	ND	0.96	0.39	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
1,2-Dibromoethane	ND	0.96	0.062	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
1,2-Dichlorobenzene	**38**	0.96	0.11	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
1,2-Dichloroethane	ND	0.96	0.052	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
1,2-Dichloropropane	ND	0.96	0.048	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
1,3,5-Trimethylbenzene	**13**	0.96	0.094	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
1,3-Dichlorobenzene	ND	0.96	0.081	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
1,3-Dichloropropane	ND	0.96	0.12	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
1,4-Dichlorobenzene	**78**	0.96	0.12	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
2,2-Dichloropropane	ND	0.96	0.10	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
2-Butanone (MEK)	ND	9.6	1.3	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
2-Chlorotoluene	ND	0.96	0.19	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
4-Chlorotoluene	ND	0.96	0.13	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
4-Isopropyltoluene	**1.8**	0.96	0.056	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Acetone	ND	19	1.5	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Allyl Chloride	ND	0.96	0.25	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Benzene	**23**	0.96	0.042	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Bromobenzene	ND	0.96	0.14	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Bromochloromethane	ND	0.96	0.21	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Bromodichloromethane	ND	0.96	0.10	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Bromoform	ND	4.8	0.12	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Bromomethane	ND	0.96	0.13	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa

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Service Engineering Group	Client Ref:5017-0207	Work Order #: 0506042
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-1M-PR

0506042-02 (Soil)

11/17/05 9:00

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Carbon Tetrachloride	ND	0.96	0.054	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Chlorobenzene	**67**	0.96	0.040	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Chlorodibromomethane	ND	0.96	0.029	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Chloroethane	ND	0.96	0.11	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Chloroform	ND	0.96	0.11	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Chloromethane	ND	0.96	0.19	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
cis-1,2-Dichloroethene	ND	0.96	0.10	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
cis-1,3-Dichloropropene	ND	0.96	0.039	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Dibromomethane	ND	0.96	0.19	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Dichlorodifluoromethane	ND	0.96	0.12	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Dichlorofluoromethane	ND	0.96	0.10	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Ethyl Ether	ND	0.96	0.29	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Ethylbenzene	**2.5**	0.96	0.10	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Hexachlorobutadiene	ND	1.9	0.23	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Isopropylbenzene	**4.1**	0.96	0.062	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
m,p-Xylenes	**38**	0.96	0.12	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Methyl Isobutyl Ketone	ND	4.8	0.40	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Methylene chloride	ND	4.8	0.62	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Methyl-t-butyl ether	ND	0.96	0.12	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Naphthalene	**320**	9.6	0.96	mg/kg dry	B5K0420	11/21/05	11/29/05	EPA 8260B	vfa
n-Butylbenzene	ND	0.96	0.12	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
n-Propylbenzene	ND	0.96	0.10	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
o-Xylene	**11**	0.96	0.13	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
sec-Butylbenzene	**16**	0.96	0.040	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Styrene	**2.8**	0.96	0.044	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
tert-Butylbenzene	ND	0.96	0.098	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Tetrachloroethene	ND	1.9	0.18	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Tetrahydrofuran	ND	4.8	1.1	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Toluene	**16**	0.96	0.17	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa

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Service Engineering Group	Client Ref:5017-0207	Work Order #: 0506042
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-1M-PR

0506042-02 (Soil)

11/17/05 9:00

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
trans-1,2-Dichloroethene	ND	0.96	0.13	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
trans-1,3-Dichloropropene	ND	0.96	0.11	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Trichloroethene	ND	0.96	0.071	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Trichlorofluoromethane	ND	0.96	0.18	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Vinyl chloride	ND	0.96	0.23	mg/kg dry	B5K0420	11/21/05	11/26/05	EPA 8260B	vfa
Surrogate: 1,2-Dichloroethane-d4	*95.2 %*	*Limits: 81-127%*			*B5K0420*	*11/21/05*	*11/26/05*	*EPA 8260B*	*vfa*
Surrogate: 4-Bromofluorobenzene	*102 %*	*Limits: 74-117%*			*B5K0420*	*11/21/05*	*11/26/05*	*EPA 8260B*	*vfa*
Surrogate: Dibromofluoromethane	*99.2 %*	*Limits: 79-127%*			*B5K0420*	*11/21/05*	*11/26/05*	*EPA 8260B*	*vfa*
Surrogate: Toluene-d8	*103 %*	*Limits: 82-115%*			*B5K0420*	*11/21/05*	*11/26/05*	*EPA 8260B*	*vfa*

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Classical Chemistry Parameters - Quality Control

Batch B5K0416 - Default Prep GenChem

Method Blank (B5K0416-BLK1) Prepared & Analyzed: 11/22/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Suspended Solids	ND	5.0	3.6	mg/L	NA	NA	NA	NA	NA	NA	

Laboratory Control Sample (B5K0416-BS1) Prepared & Analyzed: 11/22/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Suspended Solids	209			mg/L	250	NA	83.6	80-120	NA	NA	

Batch B5K0451 - NO PREP

Method Blank (B5K0451-BLK1) Prepared: 11/23/05 Analyzed: 11/25/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
% Solids	ND			% Wt	NA	NA	NA	NA	NA	NA	

Standard Reference Material (B5K0451-SRM1) Prepared: 11/23/05 Analyzed: 11/25/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
% Solids	86.2			% Wt	88.8	NA	97.1	90-110	NA	NA	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Metals - Quality Control

Batch B5K0474 - EPA 7471A

Method Blank (B5K0474-BLK1) Prepared: 11/25/05 Analyzed: 11/28/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	ND	0.020	0.00090	mg/kg	NA	NA	NA	NA	NA	NA	

Laboratory Control Sample (B5K0474-BS1) Prepared: 11/25/05 Analyzed: 11/28/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.257	0.020	0.00090	mg/kg	0.250	NA	103	85-115	NA	NA	

Laboratory Control Sample Duplicate (B5K0474-BSD1) Prepared: 11/25/05 Analyzed: 11/28/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.250	0.020	0.00090	mg/kg	0.250	NA	100	85-115	2.76	20	

Standard Reference Material (B5K0474-SRM1) Prepared: 11/25/05 Analyzed: 11/28/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	3.41	0.16	0.0071	mg/kg	3.66	NA	93.2	57.4-139	NA	NA	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5K0380 - EPA 3545

Method Blank (B5K0380-BLK1) Prepared: 11/21/05 Analyzed: 11/22/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	0.0203 J	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	0.0157 J	0.067	0.0050	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Diphenylhydrazine	ND	0.067	0.0060	mg/kg	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	ND	0.067	0.0080	mg/kg	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	0.0357 J	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
2,4,5-Trichlorophenol	ND	0.067	0.019	mg/kg	NA	NA	NA	NA	NA	NA	
2,4,6-Trichlorophenol	ND	0.067	0.017	mg/kg	NA	NA	NA	NA	NA	NA	
2,4-Dichlorophenol	ND	0.067	0.019	mg/kg	NA	NA	NA	NA	NA	NA	
2,4-Dimethylphenol	ND	0.17	0.059	mg/kg	NA	NA	NA	NA	NA	NA	
2,4-Dinitrophenol	ND	0.17	0.018	mg/kg	NA	NA	NA	NA	NA	NA	
2,4-Dinitrotoluene	ND	0.067	0.0070	mg/kg	NA	NA	NA	NA	NA	NA	
2,6-Dinitrotoluene	ND	0.067	0.0060	mg/kg	NA	NA	NA	NA	NA	NA	
2-Chloronaphthalene	ND	0.067	0.0070	mg/kg	NA	NA	NA	NA	NA	NA	
2-Chlorophenol	ND	0.067	0.018	mg/kg	NA	NA	NA	NA	NA	NA	
2-Methylnaphthalene	ND	0.067	0.023	mg/kg	NA	NA	NA	NA	NA	NA	
2-Methylphenol	ND	0.17	0.017	mg/kg	NA	NA	NA	NA	NA	NA	
2-Nitroaniline	ND	0.067	0.018	mg/kg	NA	NA	NA	NA	NA	NA	
2-Nitrophenol	ND	0.067	0.019	mg/kg	NA	NA	NA	NA	NA	NA	
3,3-Dichlorobenzidine	ND	0.33	0.017	mg/kg	NA	NA	NA	NA	NA	NA	
3-/4-Methylphenol	ND	0.17	0.021	mg/kg	NA	NA	NA	NA	NA	NA	
3-Nitroaniline	ND	0.17	0.018	mg/kg	NA	NA	NA	NA	NA	NA	
4,6-Dinitro-2-methylphenol	ND	0.17	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
4-Bromophenyl phenyl ether	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
4-Chloro-3-methylphenol	ND	0.067	0.022	mg/kg	NA	NA	NA	NA	NA	NA	
4-Chloroaniline	ND	0.17	0.018	mg/kg	NA	NA	NA	NA	NA	NA	
4-Chlorophenyl phenyl ether	ND	0.067	0.011	mg/kg	NA	NA	NA	NA	NA	NA	
4-Nitroaniline	ND	0.067	0.015	mg/kg	NA	NA	NA	NA	NA	NA	
4-Nitrophenol	ND	0.067	0.021	mg/kg	NA	NA	NA	NA	NA	NA	
Acenaphthene	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Acenaphthylene	ND	0.067	0.0070	mg/kg	NA	NA	NA	NA	NA	NA	
Aniline	ND	0.17	0.042	mg/kg	NA	NA	NA	NA	NA	NA	
Anthracene	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Benz(a)anthracene	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Benzo(a)pyrene	ND	0.067	0.0080	mg/kg	NA	NA	NA	NA	NA	NA	
Benzo(b)fluoranthene	ND	0.067	0.017	mg/kg	NA	NA	NA	NA	NA	NA	
Benzo(g,h,i)perylene	ND	0.067	0.0060	mg/kg	NA	NA	NA	NA	NA	NA	
Benzo(k)fluoranthene	ND	0.067	0.014	mg/kg	NA	NA	NA	NA	NA	NA	
Benzyl alcohol	ND	0.067	0.027	mg/kg	NA	NA	NA	NA	NA	NA	
bis(2-Chloroethoxy)methane	ND	0.067	0.011	mg/kg	NA	NA	NA	NA	NA	NA	

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Service Engineering Group	Client Ref:5017-0207	Work Order #: 0506042
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5K0380 - EPA 3545

Method Blank (B5K0380-BLK1) Prepared: 11/21/05 Analyzed: 11/22/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Bis(2-Chloroethyl)ether	ND	0.067	0.012	mg/kg	NA	NA	NA	NA	NA	NA	
Bis(2-chloroisopropyl)ether	ND	0.067	0.014	mg/kg	NA	NA	NA	NA	NA	NA	
Bis(2-Ethylhexyl)phthalate	ND	0.33	0.0090	mg/kg	NA	NA	NA	NA	NA	NA	
Butyl benzyl phthalate	ND	0.067	0.0080	mg/kg	NA	NA	NA	NA	NA	NA	
Carbazole	ND	0.067	0.015	mg/kg	NA	NA	NA	NA	NA	NA	
Chrysene	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Dibenz(a,h)anthracene	ND	0.067	0.021	mg/kg	NA	NA	NA	NA	NA	NA	
Dibenzofuran	ND	0.067	0.013	mg/kg	NA	NA	NA	NA	NA	NA	
Diethylphthalate	ND	0.067	0.011	mg/kg	NA	NA	NA	NA	NA	NA	
Dimethyl phthalate	ND	0.067	0.011	mg/kg	NA	NA	NA	NA	NA	NA	
Di-n-butyl phthalate	ND	0.33	0.014	mg/kg	NA	NA	NA	NA	NA	NA	
Di-n-octyl phthalate	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Fluoranthene	0.0190 J	0.067	0.0070	mg/kg	NA	NA	NA	NA	NA	NA	
Fluorene	ND	0.067	0.0040	mg/kg	NA	NA	NA	NA	NA	NA	
Hexachlorobenzene	ND	0.067	0.0090	mg/kg	NA	NA	NA	NA	NA	NA	
Hexachlorobutadiene	ND	0.067	0.0060	mg/kg	NA	NA	NA	NA	NA	NA	
Hexachlorocyclopentadiene	ND	0.067	0.0090	mg/kg	NA	NA	NA	NA	NA	NA	
Hexachloroethane	ND	0.067	0.0090	mg/kg	NA	NA	NA	NA	NA	NA	
Indeno(1,2,3-cd)pyrene	ND	0.067	0.0090	mg/kg	NA	NA	NA	NA	NA	NA	
Isophorone	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Naphthalene	0.189	0.067	0.0050	mg/kg	NA	NA	NA	NA	NA	NA	
Nitrobenzene	ND	0.067	0.012	mg/kg	NA	NA	NA	NA	NA	NA	
N-Nitrosodimethylamine	ND	0.067	0.021	mg/kg	NA	NA	NA	NA	NA	NA	
N-Nitrosodi-n-propylamine	ND	0.067	0.012	mg/kg	NA	NA	NA	NA	NA	NA	
N-Nitrosodiphenylamine	ND	0.067	0.0070	mg/kg	NA	NA	NA	NA	NA	NA	
Pentachlorophenol	ND	0.17	0.019	mg/kg	NA	NA	NA	NA	NA	NA	
Phenanthrene	0.0187 J	0.067	0.0080	mg/kg	NA	NA	NA	NA	NA	NA	
Phenol	ND	0.067	0.018	mg/kg	NA	NA	NA	NA	NA	NA	
Pyrene	0.0167 J	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Pyridine	ND	0.067	0.039	mg/kg	NA	NA	NA	NA	NA	NA	
Surrogate: 2,4,6-Tribromophenol	*1.08*			mg/kg	*1.67*	*NA*	*64.7*	*30-150*			
Surrogate: 2-Fluorobiphenyl	*0.751*			mg/kg	*0.833*	*NA*	*90.2*	*30-104*			
Surrogate: 2-Fluorophenol	*1.27*			mg/kg	*1.67*	*NA*	*76.0*	*30-106*			
Surrogate: Nitrobenzene-d5	*0.625*			mg/kg	*0.833*	*NA*	*75.0*	*30-90*			
Surrogate: Phenol-d6	*1.35*			mg/kg	*1.67*	*NA*	*80.8*	*30-102*			
Surrogate: Terphenyl-d14	*0.783*			mg/kg	*0.833*	*NA*	*94.0*	*30-115*			

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Service Engineering Group	Client Ref:5017-0207	Work Order #: 0506042
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5K0380 - EPA 3545

Laboratory Control Sample (B5K0380-BS1) Prepared: 11/21/05 Analyzed: 11/22/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	1.36	0.067	0.010	mg/kg	1.67	NA	81.4	55-115	NA	NA	
1,4-Dichlorobenzene	1.25	0.067	0.010	mg/kg	1.67	NA	74.9	55-115	NA	NA	
2,4-Dinitrotoluene	1.63	0.067	0.0070	mg/kg	1.67	NA	97.6	60-130	NA	NA	
2-Chlorophenol	1.37	0.067	0.018	mg/kg	1.67	NA	82.0	55-115	NA	NA	
4-Chloro-3-methylphenol	1.41	0.067	0.022	mg/kg	1.67	NA	84.4	55-115	NA	NA	
4-Nitrophenol	1.46	0.067	0.021	mg/kg	1.67	NA	87.4	45-130	NA	NA	
Acenaphthene	1.75	0.067	0.010	mg/kg	1.67	NA	105	50-115	NA	NA	
N-Nitrosodi-n-propylamine	1.38	0.067	0.012	mg/kg	1.67	NA	82.6	65-115	NA	NA	
Pentachlorophenol	0.968	0.17	0.019	mg/kg	1.67	NA	58.0	30-130	NA	NA	
Phenol	1.34	0.067	0.018	mg/kg	1.67	NA	80.2	55-115	NA	NA	
Pyrene	4.77	0.067	0.010	mg/kg	1.67	NA	286	50-130	NA	NA	
Surrogate: 2,4,6-Tribromophenol	*1.68*			mg/kg	*1.67*	*NA*	*101*	*30-150*			
Surrogate: 2-Fluorobiphenyl	*0.779*			mg/kg	*0.833*	*NA*	*93.5*	*30-104*			
Surrogate: 2-Fluorophenol	*1.26*			mg/kg	*1.67*	*NA*	*75.4*	*30-106*			
Surrogate: Nitrobenzene-d5	*0.623*			mg/kg	*0.833*	*NA*	*74.8*	*30-90*			
Surrogate: Phenol-d6	*1.37*			mg/kg	*1.67*	*NA*	*82.0*	*30-102*			
Surrogate: Terphenyl-d14	*0.786*			mg/kg	*0.833*	*NA*	*94.4*	*30-115*			

Laboratory Control Sample Duplicate (B5K0380-BSD1) Prepared: 11/21/05 Analyzed: 11/22/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	1.40	0.067	0.010	mg/kg	1.67	NA	83.8	55-115	2.90	25	
1,4-Dichlorobenzene	1.35	0.067	0.010	mg/kg	1.67	NA	80.8	55-115	7.69	25	
2,4-Dinitrotoluene	1.61	0.067	0.0070	mg/kg	1.67	NA	96.4	60-130	1.23	25	
2-Chlorophenol	1.42	0.067	0.018	mg/kg	1.67	NA	85.0	55-115	3.58	25	
4-Chloro-3-methylphenol	1.42	0.067	0.022	mg/kg	1.67	NA	85.0	55-115	0.707	25	
4-Nitrophenol	1.43	0.067	0.021	mg/kg	1.67	NA	85.6	45-130	2.08	30	
Acenaphthene	1.49	0.067	0.010	mg/kg	1.67	NA	89.2	50-115	16.0	25	
N-Nitrosodi-n-propylamine	1.43	0.067	0.012	mg/kg	1.67	NA	85.6	65-115	3.56	25	
Pentachlorophenol	1.11	0.17	0.019	mg/kg	1.67	NA	66.5	30-130	13.7	30	
Phenol	1.39	0.067	0.018	mg/kg	1.67	NA	83.2	55-115	3.66	25	
Pyrene	1.67	0.067	0.010	mg/kg	1.67	NA	100	50-130	96.3	25	
Surrogate: 2,4,6-Tribromophenol	*1.63*			mg/kg	*1.67*	*NA*	*97.6*	*30-150*			
Surrogate: 2-Fluorobiphenyl	*0.776*			mg/kg	*0.833*	*NA*	*93.2*	*30-104*			
Surrogate: 2-Fluorophenol	*1.33*			mg/kg	*1.67*	*NA*	*79.6*	*30-106*			
Surrogate: Nitrobenzene-d5	*0.637*			mg/kg	*0.833*	*NA*	*76.5*	*30-90*			
Surrogate: Phenol-d6	*1.38*			mg/kg	*1.67*	*NA*	*82.6*	*30-102*			
Surrogate: Terphenyl-d14	*0.821*			mg/kg	*0.833*	*NA*	*98.6*	*30-115*			

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Service Engineering Group	Client Ref:5017-0207	Work Order #: 0506042
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5K0420 - EPA 5035

Method Blank (B5K0420-BLK1) Prepared & Analyzed: 11/21/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	ND	0.050	0.0071	mg/kg	NA	NA	NA	NA	NA	NA	
1,1,1-Trichloroethane	ND	0.050	0.0030	mg/kg	NA	NA	NA	NA	NA	NA	
1,1,2,2-Tetrachloroethane	ND	0.050	0.012	mg/kg	NA	NA	NA	NA	NA	NA	
1,1,2-Trichloroethane	ND	0.050	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
1,1,2-Trichlorotrifluoroethane	ND	0.050	0.0058	mg/kg	NA	NA	NA	NA	NA	NA	
1,1-Dichloroethane	ND	0.050	0.0027	mg/kg	NA	NA	NA	NA	NA	NA	
1,1-Dichloroethene	ND	0.050	0.0043	mg/kg	NA	NA	NA	NA	NA	NA	
1,1-Dichloropropene	ND	0.050	0.0037	mg/kg	NA	NA	NA	NA	NA	NA	
1,2,3-Trichlorobenzene	ND	0.050	0.0055	mg/kg	NA	NA	NA	NA	NA	NA	
1,2,3-Trichloropropane	ND	0.050	0.015	mg/kg	NA	NA	NA	NA	NA	NA	
1,2,4-Trichlorobenzene	ND	0.050	0.0072	mg/kg	NA	NA	NA	NA	NA	NA	
1,2,4-Trimethylbenzene	ND	0.050	0.0035	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Dibromo-3-chloropropane	ND	0.050	0.020	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Dibromoethane	ND	0.050	0.0032	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	ND	0.050	0.0059	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Dichloroethane	ND	0.050	0.0027	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Dichloropropane	ND	0.050	0.0025	mg/kg	NA	NA	NA	NA	NA	NA	
1,3,5-Trimethylbenzene	ND	0.050	0.0049	mg/kg	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	ND	0.050	0.0042	mg/kg	NA	NA	NA	NA	NA	NA	
1,3-Dichloropropane	ND	0.050	0.0063	mg/kg	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	ND	0.050	0.0060	mg/kg	NA	NA	NA	NA	NA	NA	
2,2-Dichloropropane	ND	0.050	0.0052	mg/kg	NA	NA	NA	NA	NA	NA	
2-Butanone (MEK)	ND	0.50	0.066	mg/kg	NA	NA	NA	NA	NA	NA	
2-Chlorotoluene	ND	0.050	0.0097	mg/kg	NA	NA	NA	NA	NA	NA	
4-Chlorotoluene	ND	0.050	0.0066	mg/kg	NA	NA	NA	NA	NA	NA	
4-Isopropyltoluene	ND	0.050	0.0029	mg/kg	NA	NA	NA	NA	NA	NA	
Acetone	ND	1.0	0.077	mg/kg	NA	NA	NA	NA	NA	NA	
Allyl Chloride	ND	0.050	0.013	mg/kg	NA	NA	NA	NA	NA	NA	
Benzene	ND	0.050	0.0022	mg/kg	NA	NA	NA	NA	NA	NA	
Bromobenzene	ND	0.050	0.0074	mg/kg	NA	NA	NA	NA	NA	NA	
Bromochloromethane	ND	0.050	0.011	mg/kg	NA	NA	NA	NA	NA	NA	
Bromodichloromethane	ND	0.050	0.0053	mg/kg	NA	NA	NA	NA	NA	NA	
Bromoform	ND	0.25	0.0064	mg/kg	NA	NA	NA	NA	NA	NA	
Bromomethane	ND	0.050	0.0068	mg/kg	NA	NA	NA	NA	NA	NA	
Carbon Tetrachloride	ND	0.050	0.0028	mg/kg	NA	NA	NA	NA	NA	NA	
Chlorobenzene	ND	0.050	0.0021	mg/kg	NA	NA	NA	NA	NA	NA	
Chlorodibromomethane	ND	0.050	0.0015	mg/kg	NA	NA	NA	NA	NA	NA	
Chloroethane	ND	0.050	0.0056	mg/kg	NA	NA	NA	NA	NA	NA	
Chloroform	ND	0.050	0.0058	mg/kg	NA	NA	NA	NA	NA	NA	

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Service Engineering Group	Client Ref:5017-0207	Work Order #: 0506042
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5K0420 - EPA 5035

Method Blank (B5K0420-BLK1) Prepared & Analyzed: 11/21/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	ND	0.050	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
cis-1,2-Dichloroethene	ND	0.050	0.0052	mg/kg	NA	NA	NA	NA	NA	NA	
cis-1,3-Dichloropropene	ND	0.050	0.0020	mg/kg	NA	NA	NA	NA	NA	NA	
Dibromomethane	ND	0.050	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Dichlorodifluoromethane	ND	0.050	0.0063	mg/kg	NA	NA	NA	NA	NA	NA	
Dichlorofluoromethane	ND	0.050	0.0052	mg/kg	NA	NA	NA	NA	NA	NA	
Ethyl Ether	ND	0.050	0.015	mg/kg	NA	NA	NA	NA	NA	NA	
Ethylbenzene	ND	0.050	0.0053	mg/kg	NA	NA	NA	NA	NA	NA	
Hexachlorobutadiene	ND	0.10	0.012	mg/kg	NA	NA	NA	NA	NA	NA	
Isopropylbenzene	ND	0.050	0.0032	mg/kg	NA	NA	NA	NA	NA	NA	
m,p-Xylenes	ND	0.050	0.0063	mg/kg	NA	NA	NA	NA	NA	NA	
Methyl Isobutyl Ketone	ND	0.25	0.021	mg/kg	NA	NA	NA	NA	NA	NA	
Methylene chloride	ND	0.25	0.032	mg/kg	NA	NA	NA	NA	NA	NA	
Methyl-t-butyl ether	ND	0.050	0.0060	mg/kg	NA	NA	NA	NA	NA	NA	
Naphthalene	ND	0.050	0.0050	mg/kg	NA	NA	NA	NA	NA	NA	
n-Butylbenzene	ND	0.050	0.0061	mg/kg	NA	NA	NA	NA	NA	NA	
n-Propylbenzene	ND	0.050	0.0052	mg/kg	NA	NA	NA	NA	NA	NA	
o-Xylene	ND	0.050	0.0070	mg/kg	NA	NA	NA	NA	NA	NA	
sec-Butylbenzene	ND	0.050	0.0021	mg/kg	NA	NA	NA	NA	NA	NA	
Styrene	ND	0.050	0.0023	mg/kg	NA	NA	NA	NA	NA	NA	
tert-Butylbenzene	ND	0.050	0.0051	mg/kg	NA	NA	NA	NA	NA	NA	
Tetrachloroethene	ND	0.10	0.0095	mg/kg	NA	NA	NA	NA	NA	NA	
Tetrahydrofuran	ND	0.25	0.058	mg/kg	NA	NA	NA	NA	NA	NA	
Toluene	ND	0.050	0.0086	mg/kg	NA	NA	NA	NA	NA	NA	
trans-1,2-Dichloroethene	ND	0.050	0.0068	mg/kg	NA	NA	NA	NA	NA	NA	
trans-1,3-Dichloropropene	ND	0.050	0.0059	mg/kg	NA	NA	NA	NA	NA	NA	
Trichloroethene	ND	0.050	0.0037	mg/kg	NA	NA	NA	NA	NA	NA	
Trichlorofluoromethane	ND	0.050	0.0095	mg/kg	NA	NA	NA	NA	NA	NA	
Vinyl chloride	ND	0.050	0.012	mg/kg	NA	NA	NA	NA	NA	NA	
Surrogate: 1,2-Dichloroethane-d4	*26.1*			ug/L	*25.0*	*NA*	*104*	*81-127*			
Surrogate: 4-Bromofluorobenzene	*23.0*			ug/L	*25.0*	*NA*	*92.0*	*74-117*			
Surrogate: Dibromofluoromethane	*24.1*			ug/L	*25.0*	*NA*	*96.4*	*79-127*			
Surrogate: Toluene-d8	*25.5*			ug/L	*25.0*	*NA*	*102*	*82-115*			

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675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5K0420 - EPA 5035

Laboratory Control Sample (B5K0420-BS1) Prepared & Analyzed: 11/21/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	1.24	0.050	0.0071	mg/kg	1.25	NA	99.2	80-120	NA	NA	
1,1,1-Trichloroethane	1.26	0.050	0.0030	mg/kg	1.25	NA	101	80-120	NA	NA	
1,1,2,2-Tetrachloroethane	1.30	0.050	0.012	mg/kg	1.25	NA	104	80-120	NA	NA	
1,1,2-Trichloroethane	1.32	0.050	0.010	mg/kg	1.25	NA	106	80-120	NA	NA	
1,1,2-Trichlorotrifluoroethane	1.29	0.050	0.0058	mg/kg	1.25	NA	103	80-120	NA	NA	
1,1-Dichloroethane	1.26	0.050	0.0027	mg/kg	1.25	NA	101	80-120	NA	NA	
1,1-Dichloroethene	1.31	0.050	0.0043	mg/kg	1.25	NA	105	80-120	NA	NA	
1,1-Dichloropropene	1.23	0.050	0.0037	mg/kg	1.25	NA	98.4	80-120	NA	NA	
1,2,3-Trichlorobenzene	1.35	0.050	0.0055	mg/kg	1.25	NA	108	80-120	NA	NA	
1,2,3-Trichloropropane	1.33	0.050	0.015	mg/kg	1.25	NA	106	80-120	NA	NA	
1,2,4-Trichlorobenzene	1.33	0.050	0.0072	mg/kg	1.25	NA	106	80-120	NA	NA	
1,2,4-Trimethylbenzene	1.26	0.050	0.0035	mg/kg	1.25	NA	101	80-120	NA	NA	
1,2-Dibromo-3-chloropropane	1.26	0.050	0.020	mg/kg	1.25	NA	101	80-120	NA	NA	
1,2-Dibromoethane	1.23	0.050	0.0032	mg/kg	1.25	NA	98.4	80-120	NA	NA	
1,2-Dichlorobenzene	1.22	0.050	0.0059	mg/kg	1.25	NA	97.6	80-120	NA	NA	
1,2-Dichloroethane	1.24	0.050	0.0027	mg/kg	1.25	NA	99.2	80-120	NA	NA	
1,2-Dichloropropane	1.31	0.050	0.0025	mg/kg	1.25	NA	105	80-120	NA	NA	
1,3,5-Trimethylbenzene	1.27	0.050	0.0049	mg/kg	1.25	NA	102	80-120	NA	NA	
1,3-Dichlorobenzene	1.32	0.050	0.0042	mg/kg	1.25	NA	106	80-120	NA	NA	
1,3-Dichloropropane	1.31	0.050	0.0063	mg/kg	1.25	NA	105	80-120	NA	NA	
1,4-Dichlorobenzene	1.28	0.050	0.0060	mg/kg	1.25	NA	102	80-120	NA	NA	
2,2-Dichloropropane	1.31	0.050	0.0052	mg/kg	1.25	NA	105	80-120	NA	NA	
2-Butanone (MEK)	1.19	0.50	0.066	mg/kg	1.25	NA	95.2	80-120	NA	NA	
2-Chlorotoluene	1.25	0.050	0.0097	mg/kg	1.25	NA	100	80-120	NA	NA	
4-Chlorotoluene	1.24	0.050	0.0066	mg/kg	1.25	NA	99.2	80-120	NA	NA	
4-Isopropyltoluene	1.25	0.050	0.0029	mg/kg	1.25	NA	100	80-120	NA	NA	
Acetone	1.16	1.0	0.077	mg/kg	1.25	NA	92.8	80-120	NA	NA	
Allyl Chloride	1.25	0.050	0.013	mg/kg	1.25	NA	100	80-120	NA	NA	
Benzene	1.31	0.050	0.0022	mg/kg	1.25	NA	105	80-120	NA	NA	
Bromobenzene	1.30	0.050	0.0074	mg/kg	1.25	NA	104	80-120	NA	NA	
Bromochloromethane	1.27	0.050	0.011	mg/kg	1.25	NA	102	80-120	NA	NA	
Bromodichloromethane	1.32	0.050	0.0053	mg/kg	1.25	NA	106	80-120	NA	NA	
Bromoform	1.19	0.25	0.0064	mg/kg	1.25	NA	95.2	80-120	NA	NA	
Bromomethane	1.27	0.050	0.0068	mg/kg	1.25	NA	102	80-120	NA	NA	
Carbon Tetrachloride	1.30	0.050	0.0028	mg/kg	1.25	NA	104	80-120	NA	NA	
Chlorobenzene	1.31	0.050	0.0021	mg/kg	1.25	NA	105	80-120	NA	NA	
Chlorodibromomethane	1.22	0.050	0.0015	mg/kg	1.25	NA	97.6	80-120	NA	NA	
Chloroethane	1.17	0.050	0.0056	mg/kg	1.25	NA	93.6	80-120	NA	NA	
Chloroform	1.25	0.050	0.0058	mg/kg	1.25	NA	100	80-120	NA	NA	

The results in this report apply only to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:5017-0207	Work Order #: 0506042
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5K0420 - EPA 5035

Laboratory Control Sample (B5K0420-BS1) Prepared & Analyzed: 11/21/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	1.11	0.050	0.010	mg/kg	1.25	NA	88.8	80-120	NA	NA	
cis-1,2-Dichloroethene	1.33	0.050	0.0052	mg/kg	1.25	NA	106	80-120	NA	NA	
cis-1,3-Dichloropropene	1.24	0.050	0.0020	mg/kg	1.25	NA	99.2	80-120	NA	NA	
Dibromomethane	1.27	0.050	0.010	mg/kg	1.25	NA	102	80-120	NA	NA	
Dichlorodifluoromethane	1.19	0.050	0.0063	mg/kg	1.25	NA	95.2	80-120	NA	NA	
Dichlorofluoromethane	1.14	0.050	0.0052	mg/kg	1.25	NA	91.2	80-120	NA	NA	
Ethyl Ether	1.20	0.050	0.015	mg/kg	1.25	NA	96.0	80-120	NA	NA	
Ethylbenzene	1.29	0.050	0.0053	mg/kg	1.25	NA	103	80-120	NA	NA	
Hexachlorobutadiene	1.36	0.10	0.012	mg/kg	1.25	NA	109	80-120	NA	NA	
Isopropylbenzene	1.27	0.050	0.0032	mg/kg	1.25	NA	102	80-120	NA	NA	
m,p-Xylenes	2.48	0.050	0.0063	mg/kg	2.50	NA	99.2	80-120	NA	NA	
Methyl Isobutyl Ketone	1.15	0.25	0.021	mg/kg	1.25	NA	92.0	80-120	NA	NA	
Methylene chloride	1.17	0.25	0.032	mg/kg	1.25	NA	93.6	80-120	NA	NA	
Methyl-t-butyl ether	1.23	0.050	0.0060	mg/kg	1.25	NA	98.4	80-120	NA	NA	
Naphthalene	1.33	0.050	0.0050	mg/kg	1.25	NA	106	80-120	NA	NA	
n-Butylbenzene	1.29	0.050	0.0061	mg/kg	1.25	NA	103	80-120	NA	NA	
n-Propylbenzene	1.23	0.050	0.0052	mg/kg	1.25	NA	98.4	80-120	NA	NA	
o-Xylene	1.24	0.050	0.0070	mg/kg	1.25	NA	99.2	80-120	NA	NA	
sec-Butylbenzene	1.28	0.050	0.0021	mg/kg	1.25	NA	102	80-120	NA	NA	
Styrene	1.24	0.050	0.0023	mg/kg	1.25	NA	99.2	80-120	NA	NA	
tert-Butylbenzene	1.25	0.050	0.0051	mg/kg	1.25	NA	100	80-120	NA	NA	
Tetrachloroethene	1.23	0.10	0.0095	mg/kg	1.25	NA	98.4	80-120	NA	NA	
Tetrahydrofuran	1.15	0.25	0.058	mg/kg	1.25	NA	92.0	80-120	NA	NA	
Toluene	1.33	0.050	0.0086	mg/kg	1.25	NA	106	80-120	NA	NA	
trans-1,2-Dichloroethene	1.34	0.050	0.0068	mg/kg	1.25	NA	107	80-120	NA	NA	
trans-1,3-Dichloropropene	1.24	0.050	0.0059	mg/kg	1.25	NA	99.2	80-120	NA	NA	
Trichloroethene	1.22	0.050	0.0037	mg/kg	1.25	NA	97.6	80-120	NA	NA	
Trichlorofluoromethane	1.24	0.050	0.0095	mg/kg	1.25	NA	99.2	80-120	NA	NA	
Vinyl chloride	1.12	0.050	0.012	mg/kg	1.25	NA	89.6	80-120	NA	NA	
Surrogate: 1,2-Dichloroethane-d4	*24.1*			ug/L	*25.0*	*NA*	*96.4*	*81-127*			
Surrogate: 4-Bromofluorobenzene	*26.1*			ug/L	*25.0*	*NA*	*104*	*74-117*			
Surrogate: Dibromofluoromethane	*25.0*			ug/L	*25.0*	*NA*	*100*	*79-127*			
Surrogate: Toluene-d8	*25.4*			ug/L	*25.0*	*NA*	*102*	*82-115*			

BRAUN INTERTEC

11001 Hampshire Ave. S.
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Service Engineering Group	Client Ref:5017-0207	Work Order #: 0506042
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5K0420 - EPA 5035

Laboratory Control Sample Duplicate (B5K0420-BSD1) Prepared & Analyzed: 11/21/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	1.22	0.050	0.0071	mg/kg	1.25	NA	97.6	80-120	1.63	20	
1,1,1-Trichloroethane	1.24	0.050	0.0030	mg/kg	1.25	NA	99.2	80-120	1.60	20	
1,1,2,2-Tetrachloroethane	1.27	0.050	0.012	mg/kg	1.25	NA	102	80-120	2.33	20	
1,1,2-Trichloroethane	1.30	0.050	0.010	mg/kg	1.25	NA	104	80-120	1.53	20	
1,1,2-Trichlorotrifluoroethane	1.24	0.050	0.0058	mg/kg	1.25	NA	99.2	80-120	3.95	20	
1,1-Dichloroethane	1.23	0.050	0.0027	mg/kg	1.25	NA	98.4	80-120	2.41	20	
1,1-Dichloroethene	1.32	0.050	0.0043	mg/kg	1.25	NA	106	80-120	0.760	20	
1,1-Dichloropropene	1.20	0.050	0.0037	mg/kg	1.25	NA	96.0	80-120	2.47	20	
1,2,3-Trichlorobenzene	1.40	0.050	0.0055	mg/kg	1.25	NA	112	80-120	3.64	20	
1,2,3-Trichloropropane	1.33	0.050	0.015	mg/kg	1.25	NA	106	80-120	0.00	20	
1,2,4-Trichlorobenzene	1.34	0.050	0.0072	mg/kg	1.25	NA	107	80-120	0.749	20	
1,2,4-Trimethylbenzene	1.26	0.050	0.0035	mg/kg	1.25	NA	101	80-120	0.00	20	
1,2-Dibromo-3-chloropropane	1.26	0.050	0.020	mg/kg	1.25	NA	101	80-120	0.00	20	
1,2-Dibromoethane	1.22	0.050	0.0032	mg/kg	1.25	NA	97.6	80-120	0.816	20	
1,2-Dichlorobenzene	1.22	0.050	0.0059	mg/kg	1.25	NA	97.6	80-120	0.00	20	
1,2-Dichloroethane	1.24	0.050	0.0027	mg/kg	1.25	NA	99.2	80-120	0.00	20	
1,2-Dichloropropane	1.26	0.050	0.0025	mg/kg	1.25	NA	101	80-120	3.89	20	
1,3,5-Trimethylbenzene	1.26	0.050	0.0049	mg/kg	1.25	NA	101	80-120	0.791	20	
1,3-Dichlorobenzene	1.29	0.050	0.0042	mg/kg	1.25	NA	103	80-120	2.30	20	
1,3-Dichloropropane	1.31	0.050	0.0063	mg/kg	1.25	NA	105	80-120	0.00	20	
1,4-Dichlorobenzene	1.27	0.050	0.0060	mg/kg	1.25	NA	102	80-120	0.784	20	
2,2-Dichloropropane	1.28	0.050	0.0052	mg/kg	1.25	NA	102	80-120	2.32	20	
2-Butanone (MEK)	1.28	0.50	0.066	mg/kg	1.25	NA	102	80-120	7.29	20	
2-Chlorotoluene	1.21	0.050	0.0097	mg/kg	1.25	NA	96.8	80-120	3.25	20	
4-Chlorotoluene	1.21	0.050	0.0066	mg/kg	1.25	NA	96.8	80-120	2.45	20	
4-Isopropyltoluene	1.24	0.050	0.0029	mg/kg	1.25	NA	99.2	80-120	0.803	20	
Acetone	1.13	1.0	0.077	mg/kg	1.25	NA	90.4	80-120	2.62	20	
Allyl Chloride	1.23	0.050	0.013	mg/kg	1.25	NA	98.4	80-120	1.61	20	
Benzene	1.28	0.050	0.0022	mg/kg	1.25	NA	102	80-120	2.32	20	
Bromobenzene	1.29	0.050	0.0074	mg/kg	1.25	NA	103	80-120	0.772	20	
Bromochloromethane	1.29	0.050	0.011	mg/kg	1.25	NA	103	80-120	1.56	20	
Bromodichloromethane	1.27	0.050	0.0053	mg/kg	1.25	NA	102	80-120	3.86	20	
Bromoform	1.17	0.25	0.0064	mg/kg	1.25	NA	93.6	80-120	1.69	20	
Bromomethane	1.24	0.050	0.0068	mg/kg	1.25	NA	99.2	80-120	2.39	20	
Carbon Tetrachloride	1.26	0.050	0.0028	mg/kg	1.25	NA	101	80-120	3.12	20	
Chlorobenzene	1.29	0.050	0.0021	mg/kg	1.25	NA	103	80-120	1.54	20	
Chlorodibromomethane	1.22	0.050	0.0015	mg/kg	1.25	NA	97.6	80-120	0.00	20	
Chloroethane	1.14	0.050	0.0056	mg/kg	1.25	NA	91.2	80-120	2.60	20	
Chloroform	1.23	0.050	0.0058	mg/kg	1.25	NA	98.4	80-120	1.61	20	

The results in this report apply only to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:5017-0207	Work Order #: 0506042
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5K0420 - EPA 5035

Laboratory Control Sample Duplicate (B5K0420-BSD1) Prepared & Analyzed: 11/21/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	1.07	0.050	0.010	mg/kg	1.25	NA	85.6	80-120	3.67	20	
cis-1,2-Dichloroethene	1.31	0.050	0.0052	mg/kg	1.25	NA	105	80-120	1.52	20	
cis-1,3-Dichloropropene	1.22	0.050	0.0020	mg/kg	1.25	NA	97.6	80-120	1.63	20	
Dibromomethane	1.24	0.050	0.010	mg/kg	1.25	NA	99.2	80-120	2.39	20	
Dichlorodifluoromethane	1.16	0.050	0.0063	mg/kg	1.25	NA	92.8	80-120	2.55	20	
Dichlorofluoromethane	1.13	0.050	0.0052	mg/kg	1.25	NA	90.4	80-120	0.881	20	
Ethyl Ether	1.19	0.050	0.015	mg/kg	1.25	NA	95.2	80-120	0.837	20	
Ethylbenzene	1.25	0.050	0.0053	mg/kg	1.25	NA	100	80-120	3.15	20	
Hexachlorobutadiene	1.36	0.10	0.012	mg/kg	1.25	NA	109	80-120	0.00	20	
Isopropylbenzene	1.23	0.050	0.0032	mg/kg	1.25	NA	98.4	80-120	3.20	20	
m,p-Xylenes	2.39	0.050	0.0063	mg/kg	2.50	NA	95.6	80-120	3.70	20	
Methyl Isobutyl Ketone	1.14	0.25	0.021	mg/kg	1.25	NA	91.2	80-120	0.873	20	
Methylene chloride	1.18	0.25	0.032	mg/kg	1.25	NA	94.4	80-120	0.851	20	
Methyl-t-butyl ether	1.21	0.050	0.0060	mg/kg	1.25	NA	96.8	80-120	1.64	20	
Naphthalene	1.36	0.050	0.0050	mg/kg	1.25	NA	109	80-120	2.23	20	
n-Butylbenzene	1.28	0.050	0.0061	mg/kg	1.25	NA	102	80-120	0.778	20	
n-Propylbenzene	1.22	0.050	0.0052	mg/kg	1.25	NA	97.6	80-120	0.816	20	
o-Xylene	1.20	0.050	0.0070	mg/kg	1.25	NA	96.0	80-120	3.28	20	
sec-Butylbenzene	1.26	0.050	0.0021	mg/kg	1.25	NA	101	80-120	1.57	20	
Styrene	1.20	0.050	0.0023	mg/kg	1.25	NA	96.0	80-120	3.28	20	
tert-Butylbenzene	1.25	0.050	0.0051	mg/kg	1.25	NA	100	80-120	0.00	20	
Tetrachloroethene	1.22	0.10	0.0095	mg/kg	1.25	NA	97.6	80-120	0.816	20	
Tetrahydrofuran	1.17	0.25	0.058	mg/kg	1.25	NA	93.6	80-120	1.72	20	
Toluene	1.31	0.050	0.0086	mg/kg	1.25	NA	105	80-120	1.52	20	
trans-1,2-Dichloroethene	1.34	0.050	0.0068	mg/kg	1.25	NA	107	80-120	0.00	20	
trans-1,3-Dichloropropene	1.22	0.050	0.0059	mg/kg	1.25	NA	97.6	80-120	1.63	20	
Trichloroethene	1.18	0.050	0.0037	mg/kg	1.25	NA	94.4	80-120	3.33	20	
Trichlorofluoromethane	1.19	0.050	0.0095	mg/kg	1.25	NA	95.2	80-120	4.12	20	
Vinyl chloride	1.14	0.050	0.012	mg/kg	1.25	NA	91.2	80-120	1.77	20	
Surrogate: 1,2-Dichloroethane-d4	*23.9*			ug/L	*25.0*	*NA*	*95.6*	*81-127*			
Surrogate: 4-Bromofluorobenzene	*26.0*			ug/L	*25.0*	*NA*	*104*	*74-117*			
Surrogate: Dibromofluoromethane	*25.1*			ug/L	*25.0*	*NA*	*100*	*79-127*			
Surrogate: Toluene-d8	*25.1*			ug/L	*25.0*	*NA*	*100*	*82-115*			

BRAUN INTERTEC

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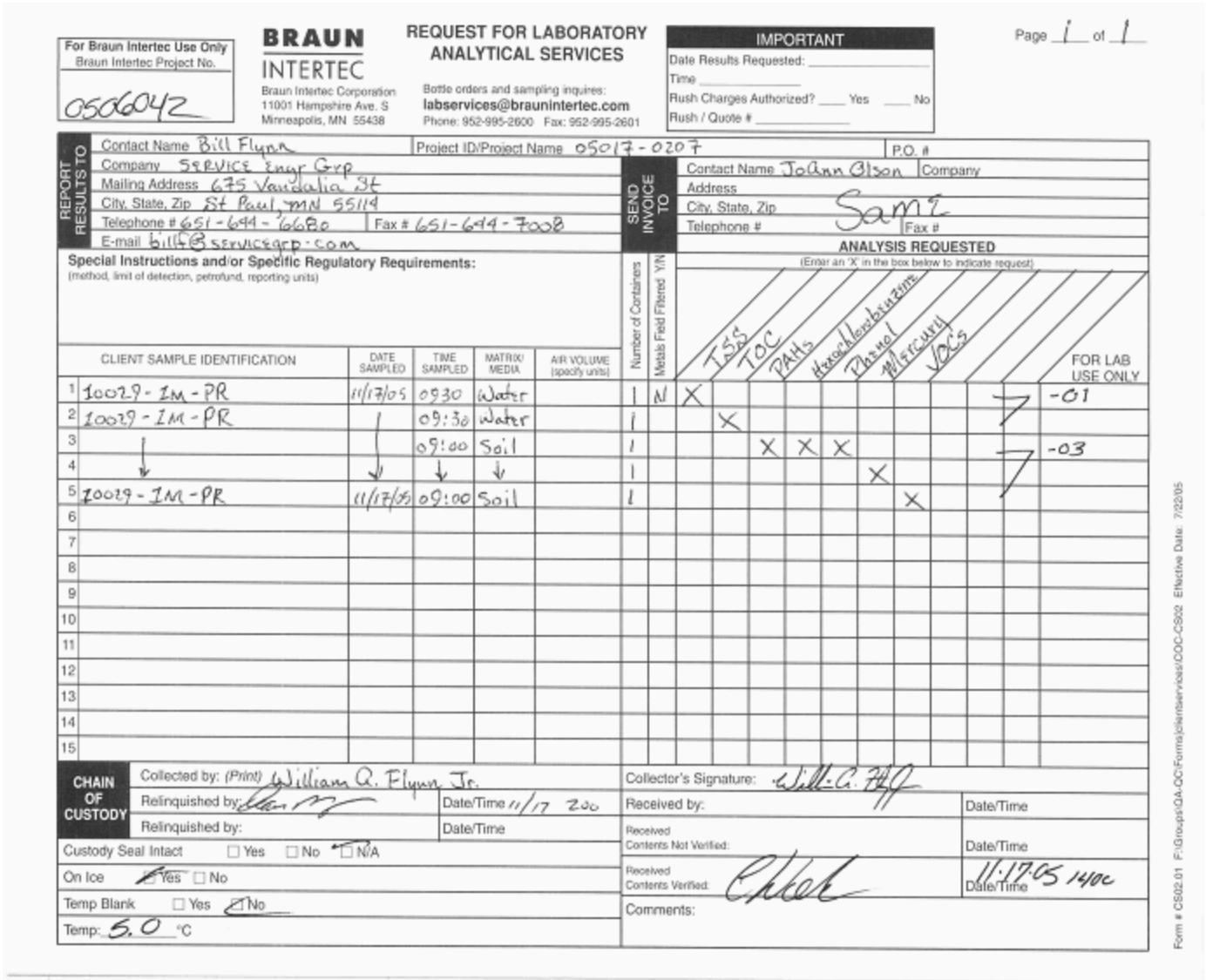
Service Engineering Group	Client Ref:5017-0207	Work Order #: 0506042
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003



BRAUN INTERTEC

Braun Intertec Corporation
11001 Hampshire Ave. S
Minneapolis, MN 55438

Bottle orders and sampling inquires:
labservices@braunintertec.com
Phone: 952-995-2600 Fax: 952-995-2601

REQUEST FOR LABORATORY ANALYTICAL SERVICES

Page 1 of 1

For Braun Intertec Use Only
Braun Intertec Project No.
0506042

IMPORTANT
Date Results Requested:
Time
Rush Charges Authorized? ___ Yes ___ No
Rush / Quote #

REPORT RESULTS TO
Contact Name Bill Flynn
Company SERVICE Engr Grp
Mailing Address 675 Vandalia St
City, State, Zip St Paul, MN 55114
Telephone # 651-699-6680 Fax # 651-699-7008
E-mail billf@servicegrp.com

Project ID/Project Name 05017-0207
P.O. #

SEND INVOICE TO
Contact Name JoAnn Olson Company
Address
City, State, Zip Same
Telephone # Fax #

Special Instructions and/or Specific Regulatory Requirements:
(method, limit of detection, petrofund, reporting units)

ANALYSIS REQUESTED
(Enter an 'X' in the box below to indicate request)

	CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)	Number of Containers	Metals Field Filtered Y/N	TSS	TOC	PAHs	Hexachlorobenzene	Phenol	Mercury	VOCs			FOR LAB USE ONLY
1	10029-IM-PR	11/17/05	0930	Water		1	N	X								7	-01
2	10029-IM-PR	"	09:30	Water		1			X								
3		"	09:00	Soil		1				X	X	X				7	-03
4		↓	↓	↓		1							X				
5	10029-IM-PR	11/17/05	09:00	Soil		1								X			
6																	
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15																	

CHAIN OF CUSTODY
Collected by: (Print) William Q. Flynn Jr.
Collector's Signature: William Q. Flynn
Relinquished by: Date/Time 11/17 200
Relinquished by: Date/Time
Received by: Date/Time
Received Contents Not Verified: Date/Time
Received Contents Verified: Date/Time 11:17:05 1400
Comments:

Custody Seal Intact ☐ Yes ☐ No ☐ N/A
On Ice ☑ Yes ☐ No
Temp Blank ☐ Yes ☑ No
Temp: 5.0 °C

Form # CS02.01 F:\Groups\QA-QC\Forms\clientservices\OOC-CS02 Effective Date: 7/22/05

BRAUN INTERTEC

Braun Intertec Corporation
11001 Hampshire Avenue S
Minneapolis, MN 55438

Phone: 952.995.2000
Fax: 952.995.2020
Web: brauninterteс.com

Mr. Bill Flynn
Service Engineering Group
675 Vandalia Street
St. Paul, MN 55114-1312

December 07, 2005

Work Order #: 0506044

RE: 05500

Dear Mr. Bill Flynn

Braun Intertec Corporation received samples for the project identified above on 11/17/05 14:00. Analytical results are summarized in the following report.

All routine quality assurance procedures were followed, unless otherwise noted.

Where possible, the samples will be retained by the laboratory for 14 days following issuance of the initial final report. The samples will be disposed of or returned at that time.

We appreciate your decision to use Braun Intertec Corporation for this project. We are committed to being your vendor of choice to meet your analytical chemistry needs.

If you have any questions please contact me at the above phone number.

Sincerely,
BRAUN INTERTEC CORPORATION

Steven J. Albrecht
Associate Principal

AIHA Environmental Lead and Industrial Hygiene ACCREDITED LABORATORY
AIHA 101103

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:	05500	Work Order #:	0506044
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

Qualifiers and Abbreviations

ir	The recovery study yielded results of <75%. Per the NIOSH Manual of Analytical Methods, the result is considered semi-quantitative.
ia	The back section of the sample tube contained greater than 10 percent of the amount collected on the front section. This indicates possible analyte breakthrough (loss) during field sampling.
COC	Chain of Custody
MRL	Method Reporting Limit
ppm	Parts per million in Air
NA	Not Applicable
NR	Not Reported
%Rec	Percent Recovery
RPD	Relative Percent Difference

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref: 05500	Work Order #: 0506044
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

SAMPLE SUMMARY

Sample ID	Laboratory ID	Matrix	Air Volume (L) / Time (Min)	Date Sampled	Date Received
10029-10M-(0-2) FRONT	0506044-01	Air Tube	301.2	11/15/05 15:47	11/17/05 14:00
10029-10M-(0-2) FRONT	0506044-02	Air Tube	301.2	11/15/05 15:47	11/17/05 14:00
10029-10M-(0-2) FRONT	0506044-03	Air Tube	304.8	11/15/05 15:47	11/17/05 14:00
10029-10M-(0-2) FRONT	0506044-04	Air Tube	300	11/15/05 15:47	11/17/05 14:00
10029-10M-(0-2) FRONT	0506044-05	Air Tube	301.2	11/15/05 15:47	11/17/05 14:00
10029-10M-(0-2) FRONT	0506044-06	Air	303.6	11/15/05 15:47	11/17/05 14:00
10029-10M-(2-6) FRONT	0506044-07	Air Tube	602.4	11/15/05 20:00	11/17/05 14:00
10029-10M-(2-6) FRONT	0506044-08	Air Tube	602.4	11/15/05 20:00	11/17/05 14:00
10029-10M-(2-6) FRONT	0506044-09	Air Tube	609.6	11/15/05 20:00	11/17/05 14:00
10029-10M-(2-6) FRONT	0506044-10	Air Tube	600	11/15/05 20:00	11/17/05 14:00
10029-10M-(2-6) FRONT	0506044-11	Air Tube	602.4	11/15/05 20:00	11/17/05 14:00
10029-10M-(2-6) FRONT	0506044-12	Air	607.2	11/15/05 20:00	11/17/05 14:00
10029-10M-(6-22) FRONT	0506044-13	Air Tube	2410	11/16/05 11:47	11/17/05 14:00
10029-10M-(6-22) FRONT	0506044-14	Air Tube	2410	11/16/05 11:47	11/17/05 14:00
10029-10M-(6-22) FRONT	0506044-15	Air Tube	2438	11/16/05 11:47	11/17/05 14:00
10029-10M-(6-22) FRONT	0506044-16	Air Tube	2400	11/16/05 11:47	11/17/05 14:00
10029-10M-(6-22) FRONT	0506044-17	Air Tube	2410	11/16/05 11:47	11/17/05 14:00
10029-10M-(6-22) FRONT	0506044-18	Air	2429	11/16/05 11:47	11/17/05 14:00
10029-10M-(0-2) BACK	0506044-19	Air Tube	301.2	11/15/05 15:47	11/17/05 14:00
10029-10M-(0-2) BACK	0506044-20	Air Tube	301.2	11/15/05 15:47	11/17/05 14:00
10029-10M-(0-2) BACK	0506044-21	Air Tube	304.8	11/15/05 15:47	11/17/05 14:00
10029-10M-(0-2) BACK	0506044-22	Air Tube	300	11/15/05 15:47	11/17/05 14:00
10029-10M-(0-2) BACK	0506044-23	Air Tube	301.2	11/15/05 15:47	11/17/05 14:00
10029-10M-(0-2) BACK	0506044-24	Air	303.6	11/15/05 15:47	11/17/05 14:00
10029-10M-(2-6) BACK	0506044-25	Air Tube	602.4	11/15/05 20:00	11/17/05 14:00
10029-10M-(2-6) BACK	0506044-26	Air Tube	609.6	11/15/05 20:00	11/17/05 14:00
10029-10M-(2-6) BACK	0506044-27	Air Tube	600	11/15/05 20:00	11/17/05 14:00
10029-10M-(2-6) BACK	0506044-28	Air Tube	602.4	11/15/05 20:00	11/17/05 14:00

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BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:	05500	Work Order #: 0506044
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID: CVXX-96-003

10029-10M-(2-6) BACK	0506044-29	Air	607.2	11/15/05 20:00	11/17/05 14:00
10029-10M-(6-22) BACK	0506044-30	Air Tube	2438	11/16/05 11:47	11/17/05 14:00
10029-10M-(6-22) BACK	0506044-31	Air Tube	2400	11/16/05 11:47	11/17/05 14:00
10029-10M-(6-22) BACK	0506044-32	Air Tube	602.4	11/16/05 11:47	11/17/05 14:00
10029-10M-(6-22) BACK	0506044-33	Air	2429	11/16/05 11:47	11/17/05 14:00

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506044
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-10M-(0-2) FRONT

0506044-01 (Air Tube)

11/15/05 15:47

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
PCB 1016	< 1.39	1.39	ug/m³	1	11/22/05	11/24/05	ASTM 4861	
PCB 1221	< 1.39	1.39	ug/m³	1	11/22/05	11/24/05	ASTM 4861	
PCB 1232	< 1.39	1.39	ug/m³	1	11/22/05	11/24/05	ASTM 4861	
PCB 1242	< 1.39	1.39	ug/m³	1	11/22/05	11/24/05	ASTM 4861	
PCB 1248	< 1.39	1.39	ug/m³	1	11/22/05	11/24/05	ASTM 4861	
PCB 1254	< 1.29	1.29	ug/m³	1	11/22/05	11/24/05	ASTM 4861	
PCB 1260	< 1.29	1.29	ug/m³	1	11/22/05	11/24/05	ASTM 4861	
PCB 1268	< 1.29	1.29	ug/m³	1	11/22/05	11/24/05	ASTM 4861	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506044
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-10M-(0-2) FRONT

0506044-02 (Air Tube)

11/15/05 15:47

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Hexachlorobenzene	< 3.65	3.65	ug/m³	1	11/21/05	11/22/05	IHVOCS	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506044
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-10M-(0-2) FRONT

0506044-03 (Air Tube)

11/15/05 15:47

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Phenol	< 8.54	8.54	ug/m³	1	11/21/05	11/21/05	NIOSH 2546	

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Service Engineering Group	Client Ref: 05500	Work Order #: 0506044
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-10M-(0-2) FRONT

0506044-04 (Air Tube)

11/15/05 15:47

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
1,2,3-Trichlorobenzene	< 11.7	11.7	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,2,4-Trichlorobenzene	< 11.3	11.3	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,3,5-Trichlorobenzene	< 11.7	11.7	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,4-Dichlorobenzene	< 11.6	11.6	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,1,1-Trichloroethane	< 9.71	9.71	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
2-Ethoxyethyl Acetate	< 12.3	12.3	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Acetone	< 11.0	11.0	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Benzene	**29.0**	4.95	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Chlorobenzene	**20.2**	10.2	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Chloroform	**37.8**	10.2	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Ethanol	< 14.3	14.3	ug/m³	1	11/22/05	11/23/05	IHVOCS1	ir
Ethyl Acetate	< 10.2	10.2	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Ethyl Benzene	< 9.80	9.80	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Isobutanol	< 11.5	11.5	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Isopropanol	< 12.8	12.8	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Methyl Ethyl Ketone	< 11.2	11.2	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Methyl Isobutyl Ketone	< 10.2	10.2	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Methylene Chloride	< 9.80	9.80	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
n-Butyl Acetate	< 10.1	10.1	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
n-Hexane	**16.4**	9.71	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Stoddard Solvent	**311**	49.5	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Styrene	< 13.0	13.0	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Tetrachloroethene	< 9.90	9.90	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Tetrahydrofuran	< 10.2	10.2	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Toluene	**42.6**	10.1	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
TPH as Gasoline	**805**	51.0	ug/m³	1	11/22/05	11/23/05	IHVOCS1	ia
Trichloroethene	< 10.0	10.0	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
VM&P Naphtha	< 48.1	48.1	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Xylenes, Total	**38.1**	10.0	ug/m³	1	11/22/05	11/23/05	IHVOCS1	

BRAUN INTERTEC

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506044
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-10M-(0-2) FRONT

0506044-05 (Air Tube)

11/15/05 15:47

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Acenaphthene	< 3.67	3.67	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Acenaphthylene	< 3.38	3.38	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Anthracene	< 3.66	3.66	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Benz(a)anthracene	< 3.96	3.96	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Benzo(a)pyrene	< 4.19	4.19	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Benzo(b)fluoranthene	< 4.14	4.14	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Benzo(g,h,i)perylene	< 5.12	5.12	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Benzo(k)fluoranthene	< 4.19	4.19	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Chrysene	< 3.98	3.98	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Dibenz(a,h)anthracene	< 4.27	4.27	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Fluoranthene	< 3.79	3.79	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Fluorene	< 3.60	3.60	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Indeno(1,2,3-cd)pyrene	< 4.50	4.50	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Naphthalene	< 3.68	3.68	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Phenanthrene	< 3.68	3.68	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Pyrene	< 3.85	3.85	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506044
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-10M-(0-2) FRONT

0506044-06 (Air)

11/15/05 15:47

Metals

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Mercury	< 0.066	0.066	ug/m³	1	11/29/05	11/29/05	OSHA ID-145	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506044
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-10M-(2-6) FRONT

0506044-07 (Air Tube)

11/15/05 20:00

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
PCB 1016	< 0.693	0.693	ug/m³	1	11/22/05	11/24/05	ASTM 4861	
PCB 1221	< 0.693	0.693	ug/m³	1	11/22/05	11/24/05	ASTM 4861	
PCB 1232	< 0.693	0.693	ug/m³	1	11/22/05	11/24/05	ASTM 4861	
PCB 1242	< 0.693	0.693	ug/m³	1	11/22/05	11/24/05	ASTM 4861	
PCB 1248	< 0.693	0.693	ug/m³	1	11/22/05	11/24/05	ASTM 4861	
PCB 1254	< 0.645	0.645	ug/m³	1	11/22/05	11/24/05	ASTM 4861	
PCB 1260	< 0.645	0.645	ug/m³	1	11/22/05	11/24/05	ASTM 4861	
PCB 1268	< 0.645	0.645	ug/m³	1	11/22/05	11/24/05	ASTM 4861	

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952-995-2020 Fax

Service Engineering Group	Client Ref:	05500	Work Order #:	0506044
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-10M-(2-6) FRONT

0506044-08 (Air Tube)

11/15/05 20:00

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Hexachlorobenzene	< 1.82	1.82	ug/m³	1	11/21/05	11/22/05	IHVOCS	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506044
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-10M-(2-6) FRONT

0506044-09 (Air Tube)

11/15/05 20:00

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Phenol	< 4.27	4.27	ug/m³	1	11/21/05	11/21/05	NIOSH 2546	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506044
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-10M-(2-6) FRONT

0506044-10 (Air Tube)

11/15/05 20:00

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
1,2,3-Trichlorobenzene	< 5.87	5.87	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,2,4-Trichlorobenzene	< 5.63	5.63	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,3,5-Trichlorobenzene	< 5.83	5.83	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,4-Dichlorobenzene	< 5.79	5.79	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,1,1-Trichloroethane	< 4.85	4.85	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
2-Ethoxyethyl Acetate	< 6.17	6.17	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Acetone	< 5.49	5.49	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Benzene	< 2.48	2.48	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Chlorobenzene	< 5.10	5.10	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Chloroform	< 5.10	5.10	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Ethanol	**15.2**	7.14	ug/m³	1	11/22/05	11/23/05	IHVOCS1	ir
Ethyl Acetate	< 5.10	5.10	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Ethyl Benzene	< 4.90	4.90	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Isobutanol	< 5.75	5.75	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Isopropanol	< 6.41	6.41	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Methyl Ethyl Ketone	< 5.62	5.62	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Methyl Isobutyl Ketone	< 5.10	5.10	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Methylene Chloride	< 4.90	4.90	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
n-Butyl Acetate	< 5.05	5.05	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
n-Hexane	< 4.85	4.85	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Stoddard Solvent	< 24.8	24.8	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Styrene	< 6.49	6.49	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Tetrachloroethene	< 4.95	4.95	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Tetrahydrofuran	< 5.10	5.10	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Toluene	< 5.05	5.05	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
TPH as Gasoline	**133**	25.5	ug/m³	1	11/22/05	11/23/05	IHVOCS1	ia
Trichloroethene	< 5.00	5.00	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
VM&P Naphtha	< 24.0	24.0	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Xylenes, Total	< 5.00	5.00	ug/m³	1	11/22/05	11/23/05	IHVOCS1	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506044
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-10M-(2-6) FRONT

0506044-11 (Air Tube)

11/15/05 20:00

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Acenaphthene	< 1.83	1.83	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Acenaphthylene	< 1.69	1.69	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Anthracene	< 1.83	1.83	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Benz(a)anthracene	< 1.98	1.98	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Benzo(a)pyrene	< 2.09	2.09	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Benzo(b)fluoranthene	< 2.07	2.07	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Benzo(g,h,i)perylene	< 2.56	2.56	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Benzo(k)fluoranthene	< 2.10	2.10	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Chrysene	< 1.99	1.99	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Dibenz(a,h)anthracene	< 2.13	2.13	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Fluoranthene	< 1.89	1.89	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Fluorene	< 1.80	1.80	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Indeno(1,2,3-cd)pyrene	< 2.25	2.25	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Naphthalene	**6.10**	1.84	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Phenanthrene	< 1.84	1.84	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Pyrene	< 1.92	1.92	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	

BRAUN INTERTEC

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506044
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-10M-(2-6) FRONT

0506044-12 (Air)

11/15/05 20:00

Metals

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Mercury	< 0.033	0.033	ug/m³	1	11/29/05	11/29/05	OSHA ID-145	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506044
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-10M-(6-22) FRONT

0506044-13 (Air Tube)

11/16/05 11:47

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
PCB 1016	< 0.173	0.173	ug/m³	1	11/22/05	11/24/05	ASTM 4861	
PCB 1221	< 0.173	0.173	ug/m³	1	11/22/05	11/24/05	ASTM 4861	
PCB 1232	< 0.173	0.173	ug/m³	1	11/22/05	11/24/05	ASTM 4861	
PCB 1242	< 0.173	0.173	ug/m³	1	11/22/05	11/24/05	ASTM 4861	
PCB 1248	< 0.173	0.173	ug/m³	1	11/22/05	11/24/05	ASTM 4861	
PCB 1254	< 0.161	0.161	ug/m³	1	11/22/05	11/24/05	ASTM 4861	
PCB 1260	< 0.161	0.161	ug/m³	1	11/22/05	11/24/05	ASTM 4861	
PCB 1268	< 0.161	0.161	ug/m³	1	11/22/05	11/24/05	ASTM 4861	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506044
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-10M-(6-22) FRONT

0506044-14 (Air Tube)

11/16/05 11:47

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Hexachlorobenzene	< 0.456	0.456	ug/m³	1	11/21/05	11/22/05	IHVOCS	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506044
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-10M-(6-22) FRONT

0506044-15 (Air Tube)

11/16/05 11:47

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Phenol	**1.31**	1.07	ug/m³	1	11/21/05	11/21/05	NIOSH 2546	

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Service Engineering Group	Client Ref: 05500	Work Order #: 0506044
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-10M-(6-22) FRONT

0506044-16 (Air Tube)

11/16/05 11:47

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
1,2,3-Trichlorobenzene	< 1.47	1.47	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,2,4-Trichlorobenzene	**2.23**	1.41	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,3,5-Trichlorobenzene	**2.62**	1.46	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,4-Dichlorobenzene	**9.41**	1.45	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,1,1-Trichloroethane	**1.51**	1.21	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
2-Ethoxyethyl Acetate	< 1.54	1.54	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Acetone	**3.92**	1.37	ug/m³	1	11/22/05	11/23/05	IHVOCS1	ia
Benzene	**13.4**	0.619	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Chlorobenzene	**11.0**	1.28	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Chloroform	**18.3**	1.28	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Ethanol	< 1.79	1.79	ug/m³	1	11/22/05	11/23/05	IHVOCS1	ir
Ethyl Acetate	< 1.28	1.28	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Ethyl Benzene	**5.69**	1.23	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Isobutanol	< 1.44	1.44	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Isopropanol	**6.88**	1.60	ug/m³	1	11/22/05	11/23/05	IHVOCS1	ia
Methyl Ethyl Ketone	**7.98**	1.40	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Methyl Isobutyl Ketone	< 1.28	1.28	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Methylene Chloride	**4.47**	1.23	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
n-Butyl Acetate	< 1.26	1.26	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
n-Hexane	**10.8**	1.21	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Stoddard Solvent	**196**	6.19	ug/m³	1	11/22/05	11/23/05	IHVOCS1	ia
Styrene	**4.98**	1.62	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Tetrachloroethene	**1.75**	1.24	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Tetrahydrofuran	**7.75**	1.28	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Toluene	**31.5**	1.26	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
TPH as Gasoline	**497**	6.38	ug/m³	1	11/22/05	11/23/05	IHVOCS1	ia
Trichloroethene	**4.28**	1.25	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
VM&P Naphtha	< 6.01	6.01	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Xylenes, Total	**34.5**	1.25	ug/m³	1	11/22/05	11/23/05	IHVOCS1	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506044
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-10M-(6-22) FRONT

0506044-17 (Air Tube)

11/16/05 11:47

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Acenaphthene	< 0.458	0.458	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Acenaphthylene	< 0.423	0.423	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Anthracene	< 0.457	0.457	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Benz(a)anthracene	< 0.495	0.495	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Benzo(a)pyrene	< 0.523	0.523	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Benzo(b)fluoranthene	< 0.517	0.517	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Benzo(g,h,i)perylene	< 0.639	0.639	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Benzo(k)fluoranthene	< 0.524	0.524	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Chrysene	< 0.497	0.497	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Dibenz(a,h)anthracene	< 0.533	0.533	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Fluoranthene	< 0.473	0.473	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Fluorene	**0.522**	0.450	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Indeno(1,2,3-cd)pyrene	< 0.562	0.562	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Naphthalene	**15.9**	0.460	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Phenanthrene	< 0.460	0.460	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	
Pyrene	< 0.481	0.481	ug/m³	1	11/22/05	11/23/05	NIOSH 5506	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506044
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-10M-(6-22) FRONT

0506044-18 (Air)

11/16/05 11:47

Metals

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Mercury	< 0.0082	0.0082	ug/m³	1	11/29/05	11/29/05	OSHA ID-145	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506044
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-10M-(0-2) BACK

0506044-19 (Air Tube)

11/15/05 15:47

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
PCB 1016	< 1.39	1.39	ug/m³	1	11/22/05	11/24/05	ASTM 4861	
PCB 1221	< 1.39	1.39	ug/m³	1	11/22/05	11/24/05	ASTM 4861	
PCB 1232	< 1.39	1.39	ug/m³	1	11/22/05	11/24/05	ASTM 4861	
PCB 1242	< 1.39	1.39	ug/m³	1	11/22/05	11/24/05	ASTM 4861	
PCB 1248	< 1.39	1.39	ug/m³	1	11/22/05	11/24/05	ASTM 4861	
PCB 1254	< 1.29	1.29	ug/m³	1	11/22/05	11/24/05	ASTM 4861	
PCB 1260	< 1.29	1.29	ug/m³	1	11/22/05	11/24/05	ASTM 4861	
PCB 1268	< 1.29	1.29	ug/m³	1	11/22/05	11/24/05	ASTM 4861	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506044
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-10M-(0-2) BACK

0506044-20 (Air Tube)

11/15/05 15:47

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Hexachlorobenzene	< 3.65	3.65	ug/m³	1	11/21/05	11/22/05	IHVOCS	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506044
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-10M-(0-2) BACK

0506044-21 (Air Tube)

11/15/05 15:47

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Phenol	< 8.54	8.54	ug/m³	1	11/21/05	11/21/05	NIOSH 2546	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506044
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-10M-(0-2) BACK

0506044-22 (Air Tube)

11/15/05 15:47

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
1,2,3-Trichlorobenzene	< 11.7	11.7	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,2,4-Trichlorobenzene	< 11.3	11.3	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,3,5-Trichlorobenzene	< 11.7	11.7	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,4-Dichlorobenzene	< 11.6	11.6	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,1,1-Trichloroethane	< 9.71	9.71	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
2-Ethoxyethyl Acetate	< 12.3	12.3	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Acetone	< 11.0	11.0	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Benzene	< 4.95	4.95	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Chlorobenzene	< 10.2	10.2	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Chloroform	**20.6**	10.2	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Ethanol	< 14.3	14.3	ug/m³	1	11/22/05	11/23/05	IHVOCS1	ir
Ethyl Acetate	< 10.2	10.2	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Ethyl Benzene	< 9.80	9.80	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Isobutanol	< 11.5	11.5	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Isopropanol	< 12.8	12.8	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Methyl Ethyl Ketone	< 11.2	11.2	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Methyl Isobutyl Ketone	< 10.2	10.2	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Methylene Chloride	< 9.80	9.80	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
n-Butyl Acetate	< 10.1	10.1	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
n-Hexane	< 9.71	9.71	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Stoddard Solvent	**101**	49.5	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Styrene	< 13.0	13.0	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Tetrachloroethene	< 9.90	9.90	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Tetrahydrofuran	< 10.2	10.2	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Toluene	< 10.1	10.1	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
TPH as Gasoline	**185**	51.0	ug/m³	1	11/22/05	11/23/05	IHVOCS1	ia
Trichloroethene	< 10.0	10.0	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
VM&P Naphtha	< 48.1	48.1	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Xylenes, Total	< 10.0	10.0	ug/m³	1	11/22/05	11/23/05	IHVOCS1	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506044
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-10M-(0-2) BACK

0506044-23 (Air Tube)

11/15/05 15:47

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Acenaphthene	< 3.67	3.67	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Acenaphthylene	< 3.38	3.38	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Anthracene	< 3.66	3.66	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Benz(a)anthracene	< 3.96	3.96	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Benzo(a)pyrene	< 4.19	4.19	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Benzo(b)fluoranthene	< 4.14	4.14	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Benzo(g,h,i)perylene	< 5.12	5.12	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Benzo(k)fluoranthene	< 4.19	4.19	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Chrysene	< 3.98	3.98	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Dibenz(a,h)anthracene	< 4.27	4.27	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Fluoranthene	< 3.79	3.79	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Fluorene	< 3.60	3.60	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Indeno(1,2,3-cd)pyrene	< 4.50	4.50	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Naphthalene	**23.6**	3.68	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Phenanthrene	< 3.68	3.68	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Pyrene	< 3.85	3.85	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506044
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-10M-(0-2) BACK

0506044-24 (Air)

11/15/05 15:47

Metals

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Mercury	< 0.066	0.066	ug/m³	1	11/29/05	11/29/05	OSHA ID-145	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506044
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-10M-(2-6) BACK

0506044-25 (Air Tube)

11/15/05 20:00

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Hexachlorobenzene	< 1.82	1.82	ug/m³	1	11/21/05	11/22/05	IHVOCS	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506044
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-10M-(2-6) BACK

0506044-26 (Air Tube)

11/15/05 20:00

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Phenol	< 4.27	4.27	ug/m³	1	11/21/05	11/21/05	NIOSH 2546	

The results in this report apply only to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref: 05500	Work Order #: 0506044
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-10M-(2-6) BACK

0506044-27 (Air Tube)

11/15/05 20:00

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
1,2,3-Trichlorobenzene	< 5.87	5.87	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,2,4-Trichlorobenzene	< 5.63	5.63	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,3,5-Trichlorobenzene	< 5.83	5.83	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,4-Dichlorobenzene	**7.80**	5.79	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,1,1-Trichloroethane	< 4.85	4.85	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
2-Ethoxyethyl Acetate	< 6.17	6.17	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Acetone	< 5.49	5.49	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Benzene	**27.2**	2.48	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Chlorobenzene	**17.4**	5.10	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Chloroform	**23.3**	5.10	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Ethanol	**16.1**	7.14	ug/m³	1	11/22/05	11/23/05	IHVOCS1	ir
Ethyl Acetate	< 5.10	5.10	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Ethyl Benzene	**9.25**	4.90	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Isobutanol	< 5.75	5.75	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Isopropanol	**13.3**	6.41	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Methyl Ethyl Ketone	**9.26**	5.62	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Methyl Isobutyl Ketone	< 5.10	5.10	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Methylene Chloride	< 4.90	4.90	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
n-Butyl Acetate	< 5.05	5.05	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
n-Hexane	**9.11**	4.85	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Stoddard Solvent	**289**	24.8	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Styrene	**6.88**	6.49	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Tetrachloroethene	< 4.95	4.95	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Tetrahydrofuran	**11.8**	5.10	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Toluene	**50.1**	5.05	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
TPH as Gasoline	**855**	25.5	ug/m³	1	11/22/05	11/23/05	IHVOCS1	ia
Trichloroethene	< 5.00	5.00	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
VM&P Naphtha	< 24.0	24.0	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Xylenes, Total	**52.3**	5.00	ug/m³	1	11/22/05	11/23/05	IHVOCS1	

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:	05500	Work Order #:	0506044
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-10M-(2-6) BACK

0506044-28 (Air Tube)

11/15/05 20:00

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Acenaphthene	< 1.83	1.83	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Acenaphthylene	< 1.69	1.69	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Anthracene	< 1.83	1.83	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Benz(a)anthracene	< 1.98	1.98	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Benzo(a)pyrene	< 2.09	2.09	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Benzo(b)fluoranthene	< 2.07	2.07	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Benzo(g,h,i)perylene	< 2.56	2.56	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Benzo(k)fluoranthene	< 2.10	2.10	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Chrysene	< 1.99	1.99	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Dibenz(a,h)anthracene	< 2.13	2.13	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Fluoranthene	< 1.89	1.89	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Fluorene	< 1.80	1.80	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Indeno(1,2,3-cd)pyrene	< 2.25	2.25	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Naphthalene	**24.7**	1.84	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Phenanthrene	< 1.84	1.84	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Pyrene	< 1.92	1.92	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	

The results in this report apply only to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:	05500	Work Order #:	0506044
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-10M-(2-6) BACK

0506044-29 (Air)

11/15/05 20:00

Metals

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Mercury	< 0.033	0.033	ug/m³	1	11/29/05	11/29/05	OSHA ID-145	

The results in this report apply only to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:	05500	Work Order #:	0506044
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-10M-(6-22) BACK

0506044-30 (Air Tube)

11/16/05 11:47

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Phenol	< 1.07	1.07	ug/m³	1	11/21/05	11/21/05	NIOSH 2546	

The results in this report apply only to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:	05500	Work Order #:	0506044
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-10M-(6-22) BACK

0506044-31 (Air Tube)

11/16/05 11:47

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
1,2,3-Trichlorobenzene	< 1.47	1.47	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,2,4-Trichlorobenzene	< 1.41	1.41	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,3,5-Trichlorobenzene	< 1.46	1.46	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,4-Dichlorobenzene	< 1.45	1.45	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,1,1-Trichloroethane	< 1.21	1.21	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
2-Ethoxyethyl Acetate	< 1.54	1.54	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Acetone	**2.81**	1.37	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Benzene	< 0.619	0.619	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Chlorobenzene	< 1.28	1.28	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Chloroform	< 1.28	1.28	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Ethanol	< 1.79	1.79	ug/m³	1	11/22/05	11/23/05	IHVOCS1	ir
Ethyl Acetate	< 1.28	1.28	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Ethyl Benzene	< 1.23	1.23	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Isobutanol	< 1.44	1.44	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Isopropanol	**4.25**	1.60	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Methyl Ethyl Ketone	< 1.40	1.40	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Methyl Isobutyl Ketone	< 1.28	1.28	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Methylene Chloride	< 1.23	1.23	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
n-Butyl Acetate	< 1.26	1.26	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
n-Hexane	< 1.21	1.21	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Stoddard Solvent	< 6.19	6.19	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Styrene	< 1.62	1.62	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Tetrachloroethene	< 1.24	1.24	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Tetrahydrofuran	< 1.28	1.28	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Toluene	< 1.26	1.26	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
TPH as Gasoline	**39.1**	6.38	ug/m³	1	11/22/05	11/23/05	IHVOCS1	ia
Trichloroethene	< 1.25	1.25	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
VM&P Naphtha	< 6.01	6.01	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Xylenes, Total	< 1.25	1.25	ug/m³	1	11/22/05	11/23/05	IHVOCS1	

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:	05500	Work Order #:	0506044
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-10M-(6-22) BACK

0506044-32 (Air Tube)

11/16/05 11:47

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Acenaphthene	**2.39**	1.83	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Acenaphthylene	< 1.69	1.69	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Anthracene	< 1.83	1.83	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Benz(a)anthracene	< 1.98	1.98	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Benzo(a)pyrene	< 2.09	2.09	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Benzo(b)fluoranthene	< 2.07	2.07	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Benzo(g,h,i)perylene	< 2.56	2.56	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Benzo(k)fluoranthene	< 2.10	2.10	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Chrysene	< 1.99	1.99	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Dibenz(a,h)anthracene	< 2.13	2.13	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Fluoranthene	< 1.89	1.89	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Fluorene	< 1.80	1.80	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Indeno(1,2,3-cd)pyrene	< 2.25	2.25	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Naphthalene	**36.7**	1.84	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Phenanthrene	< 1.84	1.84	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	
Pyrene	< 1.92	1.92	ug/m³	1	11/22/05	11/28/05	NIOSH 5506	

The results in this report apply only to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:	05500	Work Order #:	0506044
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-10M-(6-22) BACK

0506044-33 (Air)

11/16/05 11:47

Metals

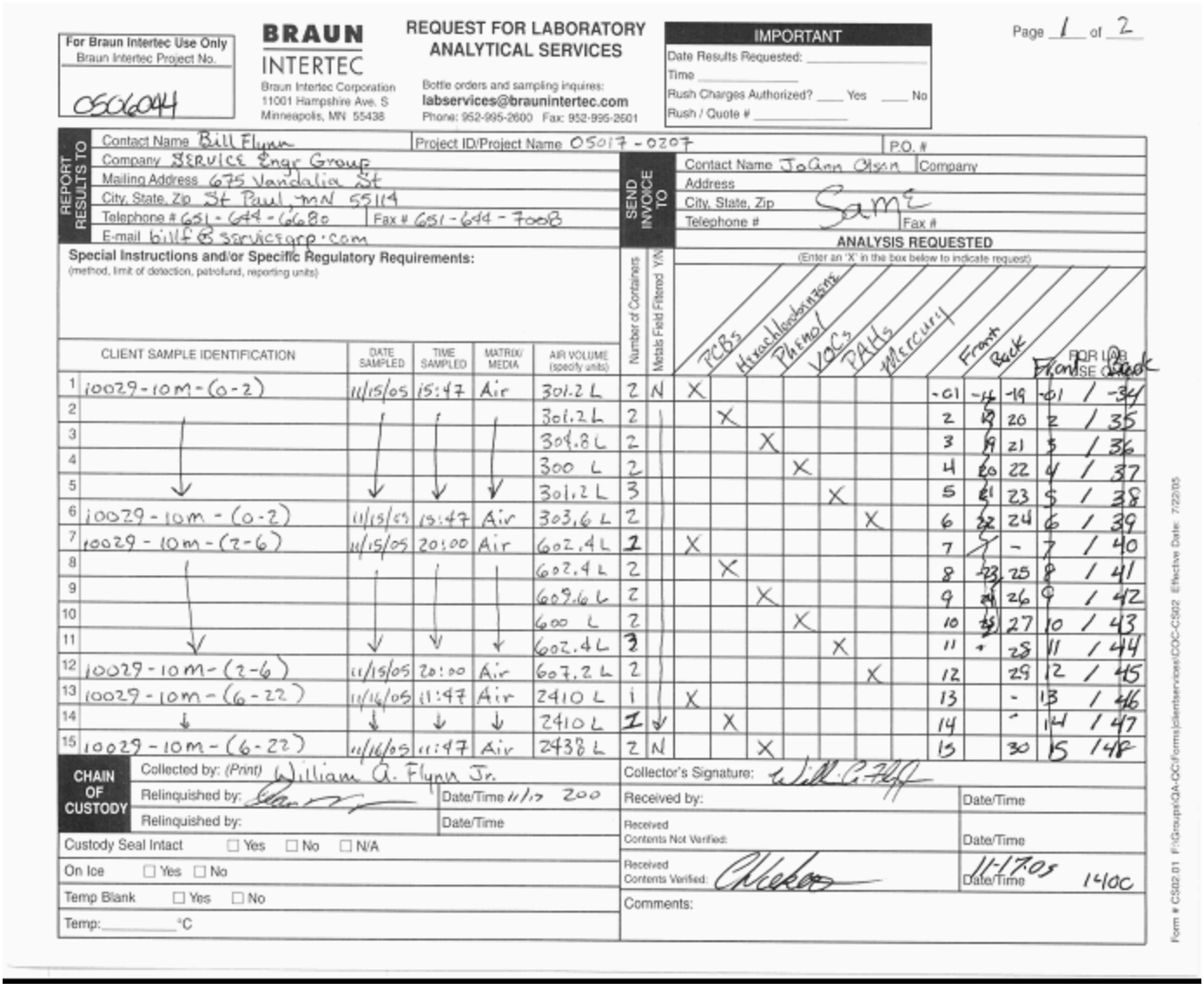
Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Mercury	< 0.0082	0.0082	ug/m³	1	11/29/05	11/29/05	OSHA ID-145	

The results in this report apply only to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref: 05500	Work Order #: 0506044
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003



BRAUN INTERTEC

REQUEST FOR LABORATORY ANALYTICAL SERVICES

Braun Intertec Corporation, 11001 Hampshire Ave. S, Minneapolis, MN 55438
Bottle orders and sampling inquires: labservices@braunintertec.com
Phone: 952-995-2600 Fax: 952-995-2601

For Braun Intertec Use Only — Braun Intertec Project No.: 0506044

IMPORTANT
Date Results Requested:
Time
Rush Charges Authorized? ____ Yes ____ No
Rush / Quote #

Page 1 of 2

REPORT RESULTS TO
Contact Name: Bill Flynn
Company: Service Engr Group
Mailing Address: 675 Vandalia St
City, State, Zip: St Paul MN 55114
Telephone #: 651-644-6680 Fax #: 651-644-7008
E-mail: billf@servicegrp.com

Project ID/Project Name: 05017-0207
P.O. #

SEND INVOICE TO
Contact Name: JoAnn Olsen Company:
Address:
City, State, Zip: Same
Telephone # Fax #

Special Instructions and/or Specific Regulatory Requirements:
(method, limit of detection, patofund, reporting units)

ANALYSIS REQUESTED
(Enter an 'X' in the box below to indicate request)

	CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)	Number of Containers	Metals Field Filtered Y/N	PCBs	Hexachlorobutadiene	Phenol	VOCs	PAHs	Mercury	Front	Back	FOR LAB USE ONLY Front / Back
1	10029-10m-(0-2)	11/15/05	15:47	Air	301.2 L	2	N	X						-01	-19	-01 / -34
2					301.2 L	2			X					2	20	2 / 35
3					304.8 L	2				X				3	21	3 / 36
4					300 L	2					X			4	22	4 / 37
5					301.2 L	3						X		5	23	5 / 38
6	10029-10m-(0-2)	11/15/05	15:47	Air	303.6 L	2							X	6	24	6 / 39
7	10029-10m-(2-6)	11/15/05	20:00	Air	602.4 L	1		X						7	-	7 / 40
8					602.4 L	2			X					8	25	8 / 41
9					609.6 L	2				X				9	26	9 / 42
10					600 L	2					X			10	27	10 / 43
11					602.4 L	3						X		11	28	11 / 44
12	10029-10m-(2-6)	11/15/05	20:00	Air	607.2 L	2							X	12	29	12 / 45
13	10029-10m-(6-22)	11/16/05	11:47	Air	2410 L	1		X						13	-	13 / 46
14					2410 L	1			X					14	-	14 / 47
15	10029-10m-(6-22)	11/16/05	11:47	Air	2438 L	2	N			X				15	30	15 / 48

CHAIN OF CUSTODY
Collected by: (Print) William A. Flynn Jr.
Relinquished by: Date/Time 11/17 200
Relinquished by: Date/Time

Collector's Signature:
Received by: Date/Time
Received Contents Not Verified: Date/Time
Received Contents Verified: Date/Time 11-17-05 1410

Custody Seal Intact ☐ Yes ☐ No ☐ N/A
On Ice ☐ Yes ☐ No
Temp Blank ☐ Yes ☐ No
Temp: °C

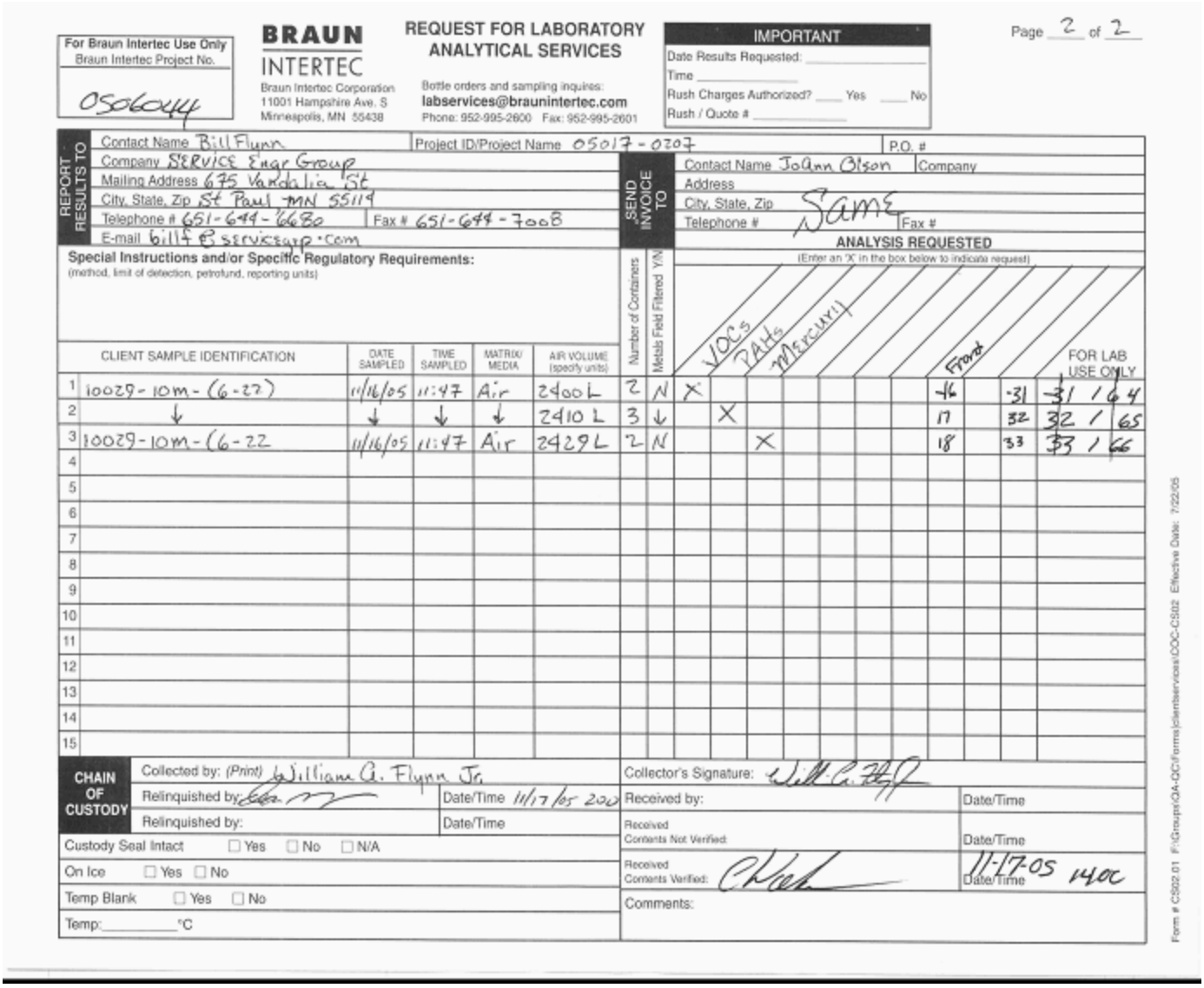
Comments:

Form # CS02.01 F:\Groups\QA-QC\Forms\clientservices\COC-CS02 Effective Date: 7/22/05

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref: 05500	Work Order #: 0506044
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003



Page 2 of 2

For Braun Intertec Use Only
Braun Intertec Project No.
0506044

BRAUN INTERTEC
Braun Intertec Corporation
11001 Hampshire Ave. S
Minneapolis, MN 55438

REQUEST FOR LABORATORY ANALYTICAL SERVICES

Bottle orders and sampling inquiries:
labservices@braunintertec.com
Phone: 952-995-2600 Fax: 952-995-2601

IMPORTANT
Date Results Requested:
Time
Rush Charges Authorized? ___ Yes ___ No
Rush / Quote #

REPORT RESULTS TO
Contact Name Bill Flynn
Company SERVICE Engr Group
Mailing Address 675 Vandalia St
City, State, Zip St Paul MN 55119
Telephone # 651-644-6680 Fax # 651-644-7008
E-mail billf@serviceengr.com

Project ID/Project Name 05017-0207
P.O. #

SEND INVOICE TO
Contact Name JoAnn Olson Company
Address
City, State, Zip Same
Telephone # Fax #

Special Instructions and/or Specific Regulatory Requirements:
(method, limit of detection, reporting units)

ANALYSIS REQUESTED
(Enter an 'X' in the box below to indicate request)

	CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)	Number of Containers	Metals Field Filtered Y/N	VOCs	PAHs	Mercury			Front		FOR LAB USE ONLY
1	10029-10m-(6-27)	11/16/05	11:47	Air	2400L	2	N	X					16	31	31/64
2	↓	↓	↓	↓	2410L	3	↓		X				17	32	32/65
3	10029-10m-(6-22	11/16/05	11:47	Air	2429L	2	N			X			18	33	33/66
4															
5															
6															
7															
8															
9															
10															
11															
12															
13															
14															
15															

CHAIN OF CUSTODY
Collected by: (Print) William G. Flynn Jr.
Collector's Signature:
Relinquished by: Date/Time 11/17/05 2000
Received by: Date/Time
Relinquished by: Date/Time
Received Contents Not Verified: Date/Time
Custody Seal Intact ☐ Yes ☐ No ☐ N/A
On Ice ☐ Yes ☐ No
Received Contents Verified: Date/Time 11-17-05 1400
Temp Blank ☐ Yes ☐ No
Temp:_____°C
Comments:

Form # CS02.01 F:\Groups\QA-QC\Forms\clientservices\COC-CS02 Effective Date: 7/22/05

BRAUN INTERTEC

Braun Intertec Corporation
11001 Hampshire Avenue S
Minneapolis, MN 55438

Phone: 952.995.2000
Fax: 952.995.2020
Web: brauninterteс.com

Mr. Bill Flynn
Service Engineering Group
675 Vandalia Street
St. Paul, MN 55114-1312

December 07, 2005

Work Order #: 0506045

RE: 05500

Dear Mr. Bill Flynn

Braun Intertec Corporation received samples for the project identified above on 11/17/05 14:00. Analytical results are summarized in the following report.

All routine quality assurance procedures were followed, unless otherwise noted.

Where possible, the samples will be retained by the laboratory for 14 days following issuance of the initial final report. The samples will be disposed of or returned at that time.

We appreciate your decision to use Braun Intertec Corporation for this project. We are committed to being your vendor of choice to meet your analytical chemistry needs.

If you have any questions please contact me at the above phone number.

Sincerely,
BRAUN INTERTEC CORPORATION

Steven J. Albrecht
Associate Principal

AIHA Environmental Lead and Industrial Hygiene ACCREDITED LABORATORY
AIHA 101103

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:	05500	Work Order #:	0506045
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

Qualifiers and Abbreviations

ir	The recovery study yielded results of <75%. Per the NIOSH Manual of Analytical Methods, the result is considered semi-quantitative.
ia	The back section of the sample tube contained greater than 10 percent of the amount collected on the front section. This indicates possible analyte breakthrough (loss) during field sampling.
COC	Chain of Custody
MRL	Method Reporting Limit
ppm	Parts per million in Air
NA	Not Applicable
NR	Not Reported
%Rec	Percent Recovery
RPD	Relative Percent Difference

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952-995-2020 Fax

Service Engineering Group	Client Ref: 05500	Work Order #: 0506045
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

SAMPLE SUMMARY

Sample ID	Laboratory ID	Matrix	Air Volume (L) / Time (Min)	Date Sampled	Date Received
10029-10Q-(0-2) FRONT	0506045-01	Air Tube	301.2	11/16/05 14:29	11/17/05 14:00
10029-10Q-(0-2) FRONT	0506045-02	Air	303.6	11/16/05 14:29	11/17/05 14:00
10029-10Q-(0-2) FRONT	0506045-03	Air Tube	300	11/16/05 14:29	11/17/05 14:00
10029-10Q-(0-2) FRONT	0506045-04	Air Tube	304.8	11/16/05 14:29	11/17/05 14:00
10029-10Q-(0-2) FRONT	0506045-05	Air Tube	301.2	11/16/05 14:29	11/17/05 14:00
10029-10Q-(2-6) FRONT	0506045-06	Air Tube	602.4	11/16/05 18:36	11/17/05 14:00
10029-10Q-(2-6) FRONT	0506045-07	Air Tube	609.6	11/16/05 18:36	11/17/05 14:00
10029-10Q-(2-6) FRONT	0506045-08	Air Tube	600	11/16/05 18:36	11/17/05 14:00
10029-10Q-(2-6) FRONT	0506045-09	Air	607.2	11/16/05 18:36	11/17/05 14:00
10029-10Q-(2-6) FRONT	0506045-10	Air Tube	602.4	11/16/05 18:36	11/17/05 14:00
10029-10Q-(6-22) FRONT	0506045-11	Air Tube	2410	11/17/05 10:29	11/17/05 14:00
10029-10Q-(6-22) FRONT	0506045-12	Air	2429	11/17/05 10:29	11/17/05 14:00
10029-10Q-(6-22) FRONT	0506045-13	Air Tube	2400	11/17/05 10:29	11/17/05 14:00
10029-10Q-(6-22) FRONT	0506045-14	Air Tube	2438	11/17/05 10:29	11/17/05 14:00
10029-10Q-(6-22) FRONT	0506045-15	Air Tube	2410	11/17/05 10:29	11/17/05 14:00
10029-10Q-(0-2) BACK	0506045-16	Air Tube	301.2	11/16/05 14:29	11/17/05 14:00
10029-10Q-(0-2) BACK	0506045-17	Air	303.6	11/16/05 14:29	11/17/05 14:00
10029-10Q-(0-2) BACK	0506045-18	Air Tube	300	11/16/05 14:29	11/17/05 14:00
10029-10Q-(0-2) BACK	0506045-19	Air Tube	304.8	11/16/05 14:29	11/17/05 14:00
10029-10Q-(2-6) BACK	0506045-20	Air Tube	609.6	11/16/05 18:36	11/17/05 14:00
10029-10Q-(2-6) BACK	0506045-21	Air Tube	600	11/16/05 18:36	11/17/05 14:00
10029-10Q-(2-6) BACK	0506045-22	Air	607.2	11/16/05 18:36	11/17/05 14:00
10029-10Q-(2-6) BACK	0506045-23	Air Tube	602.4	11/16/05 18:36	11/17/05 14:00
10029-10Q-(6-22) BACK	0506045-24	Air Tube	2410	11/17/05 10:29	11/17/05 14:00
10029-10Q-(6-22) BACK	0506045-25	Air	2429	11/17/05 10:29	11/17/05 14:00
10029-10Q-(6-22) BACK	0506045-26	Air Tube	2400	11/17/05 10:29	11/17/05 14:00
10029-10Q-(6-22) BACK	0506045-27	Air Tube	2438	11/17/05 10:29	11/17/05 14:00

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952-995-2000 Phone
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Service Engineering Group	Client Ref:	05500	Work Order #:	0506045
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-10Q-(0-2) FRONT

0506045-01 (Air Tube)

11/16/05 14:29

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Acenaphthene	< 3.67	3.67	ug/m³	1	11/25/05	11/25/05	NIOSH 5506	
Acenaphthylene	< 3.38	3.38	ug/m³	1	11/25/05	11/25/05	NIOSH 5506	
Anthracene	< 3.66	3.66	ug/m³	1	11/25/05	11/25/05	NIOSH 5506	
Benz(a)anthracene	< 3.96	3.96	ug/m³	1	11/25/05	11/25/05	NIOSH 5506	
Benzo(a)pyrene	< 4.19	4.19	ug/m³	1	11/25/05	11/25/05	NIOSH 5506	
Benzo(b)fluoranthene	< 4.14	4.14	ug/m³	1	11/25/05	11/25/05	NIOSH 5506	
Benzo(g,h,i)perylene	< 5.12	5.12	ug/m³	1	11/25/05	11/25/05	NIOSH 5506	
Benzo(k)fluoranthene	< 4.19	4.19	ug/m³	1	11/25/05	11/25/05	NIOSH 5506	
Chrysene	< 3.98	3.98	ug/m³	1	11/25/05	11/25/05	NIOSH 5506	
Dibenz(a,h)anthracene	< 4.27	4.27	ug/m³	1	11/25/05	11/25/05	NIOSH 5506	
Fluoranthene	< 3.79	3.79	ug/m³	1	11/25/05	11/25/05	NIOSH 5506	
Fluorene	< 3.60	3.60	ug/m³	1	11/25/05	11/25/05	NIOSH 5506	
Indeno(1,2,3-cd)pyrene	< 4.50	4.50	ug/m³	1	11/25/05	11/25/05	NIOSH 5506	
Naphthalene	< 3.68	3.68	ug/m³	1	11/25/05	11/25/05	NIOSH 5506	
Phenanthrene	< 3.68	3.68	ug/m³	1	11/25/05	11/25/05	NIOSH 5506	
Pyrene	< 3.85	3.85	ug/m³	1	11/25/05	11/25/05	NIOSH 5506	

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St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-10Q-(0-2) FRONT

0506045-02 (Air)

11/16/05 14:29

Metals

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Mercury	< 0.066	0.066	ug/m³	1	11/29/05	11/29/05	OSHA ID-145	

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Service Engineering Group	Client Ref: 05500	Work Order #: 0506045
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-10Q-(0-2) FRONT

0506045-03 (Air Tube)

11/16/05 14:29

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
1,2,3-Trichlorobenzene	< 11.7	11.7	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,2,4-Trichlorobenzene	< 11.3	11.3	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,3,5-Trichlorobenzene	< 11.7	11.7	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,4-Dichlorobenzene	< 11.6	11.6	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,1,1-Trichloroethane	< 9.71	9.71	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
2-Ethoxyethyl Acetate	< 12.3	12.3	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Acetone	< 11.0	11.0	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Benzene	**6.59**	4.95	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Chlorobenzene	< 10.2	10.2	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Chloroform	**15.8**	10.2	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Ethanol	< 14.3	14.3	ug/m³	1	11/22/05	11/23/05	IHVOCS1	ir
Ethyl Acetate	< 10.2	10.2	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Ethyl Benzene	< 9.80	9.80	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Isobutanol	< 11.5	11.5	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Isopropanol	< 12.8	12.8	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Methyl Ethyl Ketone	< 11.2	11.2	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Methyl Isobutyl Ketone	< 10.2	10.2	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Methylene Chloride	< 9.80	9.80	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
n-Butyl Acetate	< 10.1	10.1	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
n-Hexane	< 9.71	9.71	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Stoddard Solvent	**75.8**	49.5	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Styrene	< 13.0	13.0	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Tetrachloroethene	< 9.90	9.90	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Tetrahydrofuran	< 10.2	10.2	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Toluene	< 10.1	10.1	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
TPH as Gasoline	**198**	51.0	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Trichloroethene	< 10.0	10.0	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
VM&P Naphtha	< 48.1	48.1	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Xylenes, Total	< 10.0	10.0	ug/m³	1	11/22/05	11/23/05	IHVOCS1	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506045
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-10Q-(0-2) FRONT

0506045-04 (Air Tube)

11/16/05 14:29

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Phenol	< 8.54	8.54	ug/m³	1	11/21/05	11/21/05	NIOSH 2546	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506045
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St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-10Q-(0-2) FRONT

0506045-05 (Air Tube)

11/16/05 14:29

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Hexachlorobenzene	< 3.65	3.65	ug/m³	1	11/21/05	11/22/05	IHVOCS	

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675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-10Q-(2-6) FRONT

0506045-06 (Air Tube)

11/16/05 18:36

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Hexachlorobenzene	**2.47**	1.82	ug/m³	1	11/21/05	11/22/05	IHVOCS	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506045
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-10Q-(2-6) FRONT

0506045-07 (Air Tube)

11/16/05 18:36

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Phenol	< 4.27	4.27	ug/m³	1	11/21/05	11/22/05	NIOSH 2546	

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Service Engineering Group	Client Ref: 05500	Work Order #: 0506045
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-10Q-(2-6) FRONT

0506045-08 (Air Tube)

11/16/05 18:36

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
1,2,3-Trichlorobenzene	< 5.87	5.87	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,2,4-Trichlorobenzene	< 5.63	5.63	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,3,5-Trichlorobenzene	< 5.83	5.83	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,4-Dichlorobenzene	< 5.79	5.79	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,1,1-Trichloroethane	< 4.85	4.85	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
2-Ethoxyethyl Acetate	< 6.17	6.17	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Acetone	< 5.49	5.49	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Benzene	**5.01**	2.48	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Chlorobenzene	< 5.10	5.10	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Chloroform	**6.60**	5.10	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Ethanol	< 7.14	7.14	ug/m³	1	11/22/05	11/23/05	IHVOCS1	ir
Ethyl Acetate	< 5.10	5.10	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Ethyl Benzene	< 4.90	4.90	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Isobutanol	< 5.75	5.75	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Isopropanol	< 6.41	6.41	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Methyl Ethyl Ketone	< 5.62	5.62	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Methyl Isobutyl Ketone	< 5.10	5.10	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Methylene Chloride	< 4.90	4.90	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
n-Butyl Acetate	< 5.05	5.05	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
n-Hexane	< 4.85	4.85	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Stoddard Solvent	**39.5**	24.8	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Styrene	< 6.49	6.49	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Tetrachloroethene	< 4.95	4.95	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Tetrahydrofuran	< 5.10	5.10	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Toluene	**6.58**	5.05	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
TPH as Gasoline	**138**	25.5	ug/m³	1	11/22/05	11/23/05	IHVOCS1	ia
Trichloroethene	< 5.00	5.00	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
VM&P Naphtha	< 24.0	24.0	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Xylenes, Total	**7.05**	5.00	ug/m³	1	11/22/05	11/23/05	IHVOCS1	

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St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-10Q-(2-6) FRONT

0506045-09 (Air)

11/16/05 18:36

Metals

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Mercury	< 0.033	0.033	ug/m³	1	11/29/05	11/29/05	OSHA ID-145	

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10029-10Q-(2-6) FRONT

0506045-10 (Air Tube)

11/16/05 18:36

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Acenaphthene	< 1.83	1.83	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Acenaphthylene	< 1.69	1.69	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Anthracene	< 1.83	1.83	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Benz(a)anthracene	< 1.98	1.98	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Benzo(a)pyrene	< 2.09	2.09	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Benzo(b)fluoranthene	< 2.07	2.07	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Benzo(g,h,i)perylene	< 2.56	2.56	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Benzo(k)fluoranthene	< 2.10	2.10	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Chrysene	< 1.99	1.99	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Dibenz(a,h)anthracene	< 2.13	2.13	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Fluoranthene	< 1.89	1.89	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Fluorene	< 1.80	1.80	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Indeno(1,2,3-cd)pyrene	< 2.25	2.25	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Naphthalene	**2.90**	1.84	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Phenanthrene	< 1.84	1.84	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Pyrene	< 1.92	1.92	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	

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675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-10Q-(6-22) FRONT

0506045-11 (Air Tube)

11/17/05 10:29

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Acenaphthene	< 0.458	0.458	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Acenaphthylene	< 0.423	0.423	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Anthracene	< 0.457	0.457	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Benz(a)anthracene	< 0.495	0.495	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Benzo(a)pyrene	< 0.523	0.523	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Benzo(b)fluoranthene	< 0.517	0.517	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Benzo(g,h,i)perylene	< 0.639	0.639	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Benzo(k)fluoranthene	< 0.524	0.524	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Chrysene	< 0.497	0.497	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Dibenz(a,h)anthracene	< 0.533	0.533	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Fluoranthene	< 0.473	0.473	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Fluorene	< 0.450	0.450	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Indeno(1,2,3-cd)pyrene	< 0.562	0.562	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Naphthalene	**1.41**	0.460	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Phenanthrene	< 0.460	0.460	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Pyrene	< 0.481	0.481	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506045
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-10Q-(6-22) FRONT

0506045-12 (Air)

11/17/05 10:29

Metals

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Mercury	< 0.0082	0.0082	ug/m³	1	11/29/05	11/29/05	OSHA ID-145	

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Service Engineering Group	Client Ref: 05500	Work Order #: 0506045
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-10Q-(6-22) FRONT

0506045-13 (Air Tube)

11/17/05 10:29

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
1,2,3-Trichlorobenzene	< 1.47	1.47	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,2,4-Trichlorobenzene	< 1.41	1.41	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,3,5-Trichlorobenzene	< 1.46	1.46	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,4-Dichlorobenzene	< 1.45	1.45	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,1,1-Trichloroethane	< 1.21	1.21	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
2-Ethoxyethyl Acetate	< 1.54	1.54	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Acetone	< 1.37	1.37	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Benzene	**2.40**	0.619	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Chlorobenzene	< 1.28	1.28	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Chloroform	**5.96**	1.28	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Ethanol	< 1.79	1.79	ug/m³	1	11/22/05	11/23/05	IHVOCS1	ir
Ethyl Acetate	< 1.28	1.28	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Ethyl Benzene	< 1.23	1.23	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Isobutanol	< 1.44	1.44	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Isopropanol	**2.66**	1.60	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Methyl Ethyl Ketone	**2.01**	1.40	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Methyl Isobutyl Ketone	< 1.28	1.28	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Methylene Chloride	< 1.23	1.23	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
n-Butyl Acetate	< 1.26	1.26	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
n-Hexane	**2.05**	1.21	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Stoddard Solvent	**31.2**	6.19	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Styrene	< 1.62	1.62	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Tetrachloroethene	< 1.24	1.24	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Tetrahydrofuran	**1.38**	1.28	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Toluene	**5.41**	1.26	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
TPH as Gasoline	**88.9**	6.38	ug/m³	1	11/22/05	11/23/05	IHVOCS1	ia
Trichloroethene	< 1.25	1.25	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
VM&P Naphtha	< 6.01	6.01	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Xylenes, Total	**3.66**	1.25	ug/m³	1	11/22/05	11/23/05	IHVOCS1	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506045
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-10Q-(6-22) FRONT

0506045-14 (Air Tube)

11/17/05 10:29

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Phenol	< 1.07	1.07	ug/m³	1	11/21/05	11/22/05	NIOSH 2546	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506045
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St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-10Q-(6-22) FRONT

0506045-15 (Air Tube)

11/17/05 10:29

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Hexachlorobenzene	< 0.456	0.456	ug/m³	1	11/21/05	11/22/05	IHVOCS	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506045
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-10Q-(0-2) BACK

0506045-16 (Air Tube)

11/16/05 14:29

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Acenaphthene	< 3.67	3.67	ug/m³	1	11/25/05	12/1/05	NIOSH 5506	
Acenaphthylene	< 3.38	3.38	ug/m³	1	11/25/05	12/1/05	NIOSH 5506	
Anthracene	< 3.66	3.66	ug/m³	1	11/25/05	12/1/05	NIOSH 5506	
Benz(a)anthracene	< 3.96	3.96	ug/m³	1	11/25/05	12/1/05	NIOSH 5506	
Benzo(a)pyrene	< 4.19	4.19	ug/m³	1	11/25/05	12/1/05	NIOSH 5506	
Benzo(b)fluoranthene	< 4.14	4.14	ug/m³	1	11/25/05	12/1/05	NIOSH 5506	
Benzo(g,h,i)perylene	< 5.12	5.12	ug/m³	1	11/25/05	12/1/05	NIOSH 5506	
Benzo(k)fluoranthene	< 4.19	4.19	ug/m³	1	11/25/05	12/1/05	NIOSH 5506	
Chrysene	< 3.98	3.98	ug/m³	1	11/25/05	12/1/05	NIOSH 5506	
Dibenz(a,h)anthracene	< 4.27	4.27	ug/m³	1	11/25/05	12/1/05	NIOSH 5506	
Fluoranthene	< 3.79	3.79	ug/m³	1	11/25/05	12/1/05	NIOSH 5506	
Fluorene	< 3.60	3.60	ug/m³	1	11/25/05	12/1/05	NIOSH 5506	
Indeno(1,2,3-cd)pyrene	< 4.50	4.50	ug/m³	1	11/25/05	12/1/05	NIOSH 5506	
Naphthalene	**12.1**	3.68	ug/m³	1	11/25/05	12/1/05	NIOSH 5506	
Phenanthrene	< 3.68	3.68	ug/m³	1	11/25/05	12/1/05	NIOSH 5506	
Pyrene	< 3.85	3.85	ug/m³	1	11/25/05	12/1/05	NIOSH 5506	

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675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-10Q-(0-2) BACK

0506045-17 (Air)

11/16/05 14:29

Metals

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Mercury	< 0.066	0.066	ug/m³	1	11/29/05	11/29/05	OSHA ID-145	

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Service Engineering Group	Client Ref: 05500	Work Order #: 0506045
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-10Q-(0-2) BACK

0506045-18 (Air Tube)

11/16/05 14:29

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
1,2,3-Trichlorobenzene	< 11.7	11.7	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,2,4-Trichlorobenzene	< 11.3	11.3	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,3,5-Trichlorobenzene	< 11.7	11.7	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,4-Dichlorobenzene	< 11.6	11.6	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,1,1-Trichloroethane	< 9.71	9.71	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
2-Ethoxyethyl Acetate	< 12.3	12.3	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Acetone	**16.6**	11.0	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Benzene	**14.8**	4.95	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Chlorobenzene	< 10.2	10.2	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Chloroform	**16.5**	10.2	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Ethanol	< 14.3	14.3	ug/m³	1	11/22/05	11/23/05	IHVOCS1	ir
Ethyl Acetate	< 10.2	10.2	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Ethyl Benzene	< 9.80	9.80	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Isobutanol	< 11.5	11.5	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Isopropanol	**23.9**	12.8	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Methyl Ethyl Ketone	< 11.2	11.2	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Methyl Isobutyl Ketone	< 10.2	10.2	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Methylene Chloride	< 9.80	9.80	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
n-Butyl Acetate	< 10.1	10.1	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
n-Hexane	< 9.71	9.71	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Stoddard Solvent	**162**	49.5	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Styrene	< 13.0	13.0	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Tetrachloroethene	< 9.90	9.90	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Tetrahydrofuran	< 10.2	10.2	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Toluene	**25.5**	10.1	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
TPH as Gasoline	**470**	51.0	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Trichloroethene	< 10.0	10.0	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
VM&P Naphtha	< 48.1	48.1	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Xylenes, Total	**15.4**	10.0	ug/m³	1	11/22/05	11/23/05	IHVOCS1	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506045
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-10Q-(0-2) BACK

0506045-19 (Air Tube)

11/16/05 14:29

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Phenol	< 8.54	8.54	ug/m³	1	11/21/05	11/22/05	NIOSH 2546	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506045
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-10Q-(2-6) BACK

0506045-20 (Air Tube)

11/16/05 18:36

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Phenol	< 4.27	4.27	ug/m³	1	11/21/05	11/22/05	NIOSH 2546	

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Service Engineering Group	Client Ref: 05500	Work Order #: 0506045
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-10Q-(2-6) BACK

0506045-21 (Air Tube)

11/16/05 18:36

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
1,2,3-Trichlorobenzene	< 5.87	5.87	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,2,4-Trichlorobenzene	< 5.63	5.63	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,3,5-Trichlorobenzene	< 5.83	5.83	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,4-Dichlorobenzene	< 5.79	5.79	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,1,1-Trichloroethane	< 4.85	4.85	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
2-Ethoxyethyl Acetate	< 6.17	6.17	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Acetone	**16.9**	5.49	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Benzene	**15.7**	2.48	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Chlorobenzene	**7.99**	5.10	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Chloroform	**27.5**	5.10	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Ethanol	< 7.14	7.14	ug/m³	1	11/22/05	11/23/05	IHVOCS1	ir
Ethyl Acetate	< 5.10	5.10	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Ethyl Benzene	< 4.90	4.90	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Isobutanol	< 5.75	5.75	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Isopropanol	**24.0**	6.41	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Methyl Ethyl Ketone	**8.12**	5.62	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Methyl Isobutyl Ketone	< 5.10	5.10	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Methylene Chloride	< 4.90	4.90	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
n-Butyl Acetate	< 5.05	5.05	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
n-Hexane	**7.91**	4.85	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Stoddard Solvent	**168**	24.8	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Styrene	< 6.49	6.49	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Tetrachloroethene	< 4.95	4.95	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Tetrahydrofuran	**6.33**	5.10	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Toluene	**26.8**	5.05	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
TPH as Gasoline	**462**	25.5	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Trichloroethene	< 5.00	5.00	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
VM&P Naphtha	< 24.0	24.0	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Xylenes, Total	**28.2**	5.00	ug/m³	1	11/22/05	11/23/05	IHVOCS1	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506045
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-10Q-(2-6) BACK

0506045-22 (Air)

11/16/05 18:36

Metals

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Mercury	< 0.033	0.033	ug/m³	1	11/29/05	11/29/05	OSHA ID-145	

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St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-10Q-(2-6) BACK

0506045-23 (Air Tube)

11/16/05 18:36

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Acenaphthene	< 1.83	1.83	ug/m³	1	11/25/05	12/1/05	NIOSH 5506	
Acenaphthylene	< 1.69	1.69	ug/m³	1	11/25/05	12/1/05	NIOSH 5506	
Anthracene	< 1.83	1.83	ug/m³	1	11/25/05	12/1/05	NIOSH 5506	
Benz(a)anthracene	< 1.98	1.98	ug/m³	1	11/25/05	12/1/05	NIOSH 5506	
Benzo(a)pyrene	< 2.09	2.09	ug/m³	1	11/25/05	12/1/05	NIOSH 5506	
Benzo(b)fluoranthene	< 2.07	2.07	ug/m³	1	11/25/05	12/1/05	NIOSH 5506	
Benzo(g,h,i)perylene	< 2.56	2.56	ug/m³	1	11/25/05	12/1/05	NIOSH 5506	
Benzo(k)fluoranthene	< 2.10	2.10	ug/m³	1	11/25/05	12/1/05	NIOSH 5506	
Chrysene	< 1.99	1.99	ug/m³	1	11/25/05	12/1/05	NIOSH 5506	
Dibenz(a,h)anthracene	< 2.13	2.13	ug/m³	1	11/25/05	12/1/05	NIOSH 5506	
Fluoranthene	< 1.89	1.89	ug/m³	1	11/25/05	12/1/05	NIOSH 5506	
Fluorene	< 1.80	1.80	ug/m³	1	11/25/05	12/1/05	NIOSH 5506	
Indeno(1,2,3-cd)pyrene	< 2.25	2.25	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Naphthalene	**8.64**	1.84	ug/m³	1	11/25/05	12/1/05	NIOSH 5506	
Phenanthrene	< 1.84	1.84	ug/m³	1	11/25/05	12/1/05	NIOSH 5506	
Pyrene	< 1.92	1.92	ug/m³	1	11/25/05	12/1/05	NIOSH 5506	

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BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:	05500	Work Order #:	0506045
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-10Q-(6-22) BACK

0506045-24 (Air Tube)

11/17/05 10:29

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Acenaphthene	< 0.458	0.458	ug/m³	1	11/25/05	12/1/05	NIOSH 5506	
Acenaphthylene	< 0.423	0.423	ug/m³	1	11/25/05	12/1/05	NIOSH 5506	
Anthracene	< 0.457	0.457	ug/m³	1	11/25/05	12/1/05	NIOSH 5506	
Benz(a)anthracene	< 0.495	0.495	ug/m³	1	11/25/05	12/1/05	NIOSH 5506	
Benzo(a)pyrene	< 0.523	0.523	ug/m³	1	11/25/05	12/1/05	NIOSH 5506	
Benzo(b)fluoranthene	< 0.517	0.517	ug/m³	1	11/25/05	12/1/05	NIOSH 5506	
Benzo(g,h,i)perylene	< 0.639	0.639	ug/m³	1	11/25/05	12/1/05	NIOSH 5506	
Benzo(k)fluoranthene	< 0.524	0.524	ug/m³	1	11/25/05	12/1/05	NIOSH 5506	
Chrysene	< 0.497	0.497	ug/m³	1	11/25/05	12/1/05	NIOSH 5506	
Dibenz(a,h)anthracene	< 0.533	0.533	ug/m³	1	11/25/05	12/1/05	NIOSH 5506	
Fluoranthene	< 0.473	0.473	ug/m³	1	11/25/05	12/1/05	NIOSH 5506	
Fluorene	< 0.450	0.450	ug/m³	1	11/25/05	12/1/05	NIOSH 5506	
Indeno(1,2,3-cd)pyrene	< 0.562	0.562	ug/m³	1	11/25/05	12/1/05	NIOSH 5506	
Naphthalene	**2.54**	0.460	ug/m³	1	11/25/05	12/1/05	NIOSH 5506	
Phenanthrene	< 0.460	0.460	ug/m³	1	11/25/05	12/1/05	NIOSH 5506	
Pyrene	< 0.481	0.481	ug/m³	1	11/25/05	12/1/05	NIOSH 5506	

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952-995-2020 Fax

Service Engineering Group	Client Ref:	05500	Work Order #:	0506045
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-10Q-(6-22) BACK

0506045-25 (Air)

11/17/05 10:29

Metals

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Mercury	< 0.0082	0.0082	ug/m³	1	11/29/05	11/29/05	OSHA ID-145	

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BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref: 05500	Work Order #: 0506045
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-10Q-(6-22) BACK

0506045-26 (Air Tube)

11/17/05 10:29

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
1,2,3-Trichlorobenzene	< 1.47	1.47	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,2,4-Trichlorobenzene	< 1.41	1.41	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,3,5-Trichlorobenzene	< 1.46	1.46	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,4-Dichlorobenzene	< 1.45	1.45	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,1,1-Trichloroethane	**1.63**	1.21	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
2-Ethoxyethyl Acetate	< 1.54	1.54	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Acetone	**3.77**	1.37	ug/m³	1	11/22/05	11/23/05	IHVOCS1	ia
Benzene	**4.49**	0.619	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Chlorobenzene	< 1.28	1.28	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Chloroform	**10.3**	1.28	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Ethanol	< 1.79	1.79	ug/m³	1	11/22/05	11/23/05	IHVOCS1	ir
Ethyl Acetate	< 1.28	1.28	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Ethyl Benzene	**2.23**	1.23	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Isobutanol	< 1.44	1.44	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Isopropanol	**6.12**	1.60	ug/m³	1	11/22/05	11/23/05	IHVOCS1	ia
Methyl Ethyl Ketone	**4.66**	1.40	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Methyl Isobutyl Ketone	< 1.28	1.28	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Methylene Chloride	**2.06**	1.23	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
n-Butyl Acetate	< 1.26	1.26	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
n-Hexane	**4.35**	1.21	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Stoddard Solvent	**70.6**	6.19	ug/m³	1	11/22/05	11/23/05	IHVOCS1	ia
Styrene	**1.98**	1.62	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Tetrachloroethene	< 1.24	1.24	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Tetrahydrofuran	**3.23**	1.28	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Toluene	**12.8**	1.26	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
TPH as Gasoline	**215**	6.38	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Trichloroethene	**2.36**	1.25	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
VM&P Naphtha	< 6.01	6.01	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Xylenes, Total	**11.7**	1.25	ug/m³	1	11/22/05	11/23/05	IHVOCS1	

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:	05500	Work Order #:	0506045
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-10Q-(6-22) BACK

0506045-27 (Air Tube)

11/17/05 10:29

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Phenol	< 1.07	1.07	ug/m³	1	11/21/05	11/22/05	NIOSH 2546	

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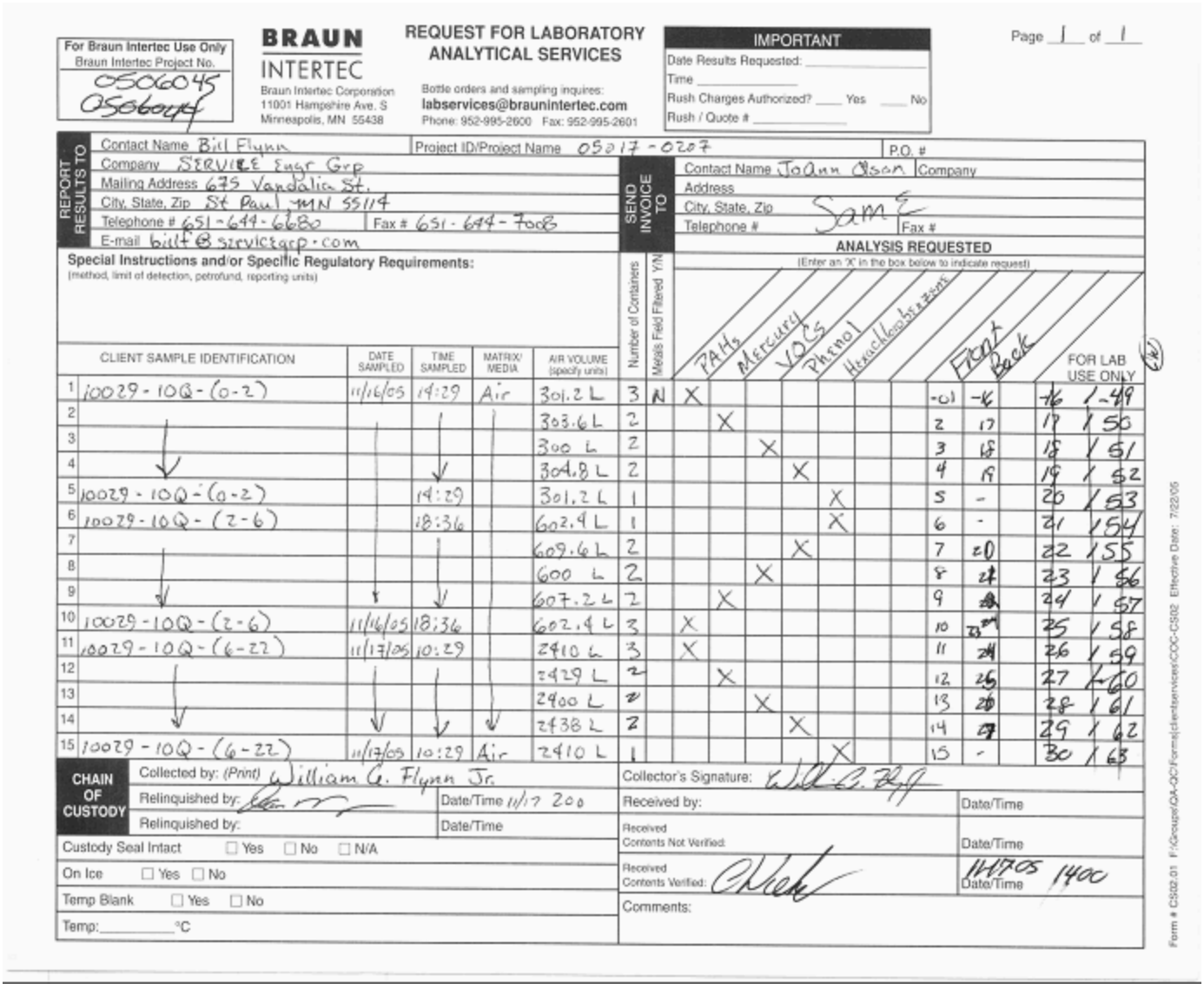
BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref: 05500	Work Order #: 0506045
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003



For Braun Intertec Use Only
Braun Intertec Project No.
0506045
0506044

BRAUN INTERTEC
Braun Intertec Corporation
11001 Hampshire Ave. S
Minneapolis, MN 55438

REQUEST FOR LABORATORY ANALYTICAL SERVICES

Bottle orders and sampling inquires:
labservices@braunintertec.com
Phone: 952-995-2600 Fax: 952-995-2601

IMPORTANT
Date Results Requested:
Time
Rush Charges Authorized? ___ Yes ___ No
Rush / Quote #

Page 1 of 1

REPORT RESULTS TO
Contact Name: Bill Flynn
Company: Service Engr Grp
Mailing Address: 675 Vandalia St.
City, State, Zip: St Paul MN 55114
Telephone #: 651-644-6680 Fax #: 651-644-7008
E-mail: billf@servicegrp.com

Project ID/Project Name: 05217-0207
P.O. #

SEND INVOICE TO
Contact Name: JoAnn Olson Company:
Address:
City, State, Zip: Same
Telephone # Fax #

Special Instructions and/or Specific Regulatory Requirements:
(method, limit of detection, petrofund, reporting units)

ANALYSIS REQUESTED
(Enter an 'X' in the box below to indicate request)

	CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)	Number of Containers	Metals Field Filtered Y/N	PAHs	Mercury	VOCs	Phenol	Hexachlorobenzene	Filter	Back	FOR LAB USE ONLY
1	10029-10Q-(0-2)	11/16/05	19:29	Air	301.2 L	3	N	X					-01	-16	1-49
2					303.6 L	2			X				2	17	1 50
3					300 L	2				X			3	18	1 51
4					304.8 L	2					X		4	19	1 52
5	10029-10Q-(0-2)		19:29		301.2 L	1						X	5	-	20 1 53
6	10029-10Q-(2-6)		18:36		602.4 L	1						X	6	-	21 1 54
7					609.6 L	2					X		7	20	22 1 55
8					600 L	2				X			8	21	23 1 56
9					607.2 L	2			X				9	22	24 1 57
10	10029-10Q-(2-6)	11/16/05	18:36		602.4 L	3		X					10	23	25 1 58
11	10029-10Q-(6-22)	11/17/05	10:29		2410 L	3		X					11	24	26 1 59
12					2429 L	2			X				12	25	27 1 60
13					2400 L	2				X			13	26	28 1 61
14					2438 L	2					X		14	27	29 1 62
15	10029-10Q-(6-22)	11/17/05	10:29	Air	2410 L	1						X	15	-	30 1 63

CHAIN OF CUSTODY
Collected by: (Print) William G. Flynn Jr.
Relinquished by: Date/Time 11/17 200
Relinquished by: Date/Time

Collector's Signature:
Received by: Date/Time
Received Contents Not Verified: Date/Time
Received Contents Verified: Date/Time 11/17/05 1400
Comments:

Custody Seal Intact ☐ Yes ☐ No ☐ N/A
On Ice ☐ Yes ☐ No
Temp Blank ☐ Yes ☐ No
Temp:_____°C

Form # CS02.01 F:\Groups\QA-QC\Forms\clientservices\COC-CS02 Effective Date: 7/22/05

BRAUN INTERTEC

Braun Intertec Corporation
11001 Hampshire Avenue S
Minneapolis, MN 55438

Phone: 952.995.2000
Fax: 952.995.2020
Web: brauninterteс.com

Mr. Bill Flynn
Service Engineering Group
675 Vandalia Street
St. Paul, MN 55114-1312

December 07, 2005

Work Order #: 0506064

RE: 05500

Dear Mr. Bill Flynn

Braun Intertec Corporation received samples for the project identified above on 11/18/05 12:30. Analytical results are summarized in the following report.

All routine quality assurance procedures were followed, unless otherwise noted.

Where possible, the samples will be retained by the laboratory for 14 days following issuance of the initial final report. The samples will be disposed of or returned at that time.

We appreciate your decision to use Braun Intertec Corporation for this project. We are committed to being your vendor of choice to meet your analytical chemistry needs.

If you have any questions please contact me at the above phone number.

Sincerely,
BRAUN INTERTEC CORPORATION

Steven J. Albrecht
Associate Principal

AIHA Environmental Lead and Industrial Hygiene ACCREDITED LABORATORY
AIHA 101103

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:	05500	Work Order #:	0506064
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

Qualifiers and Abbreviations

ir	The recovery study yielded results of <75%. Per the NIOSH Manual of Analytical Methods, the result is considered semi-quantitative.
ia	The back section of the sample tube contained greater than 10 percent of the amount collected on the front section. This indicates possible analyte breakthrough (loss) during field sampling.
COC	Chain of Custody
MRL	Method Reporting Limit
ppm	Parts per million in Air
NA	Not Applicable
NR	Not Reported
%Rec	Percent Recovery
RPD	Relative Percent Difference

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref: 05500	Work Order #: 0506064
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

SAMPLE SUMMARY

Sample ID	Laboratory ID	Matrix	Air Volume (L) / Time (Min)	Date Sampled	Date Received
10029-1M-(0-2)	0506064-01	Air Tube	304.8	11/17/05 12:52	11/18/05 12:30
10029-1M-(0-2)	0506064-02	Air Tube	301.2	11/17/05 12:52	11/18/05 12:30
10029-1M-(0-2)	0506064-03	Air	303.6	11/17/05 12:52	11/18/05 12:30
10029-1M-(0-2)	0506064-04	Air Tube	300	11/17/05 12:52	11/18/05 12:30
10029-1M-(0-2)	0506064-05	Air Tube	301.2	11/17/05 12:52	11/18/05 12:30
10029-1M-(2-6)	0506064-06	Air Tube	609.6	11/17/05 16:55	11/18/05 12:30
10029-1M-(2-6)	0506064-07	Air Tube	602.4	11/17/05 16:55	11/18/05 12:30
10029-1M-(2-6)	0506064-08	Air	607.2	11/17/05 16:55	11/18/05 12:30
10029-1M-(2-6)	0506064-09	Air Tube	600	11/17/05 16:55	11/18/05 12:30
10029-1M-(2-6)	0506064-10	Air Tube	602.4	11/17/05 16:55	11/18/05 12:30
10029-1M-(6-22)	0506064-11	Air Tube	2438	11/18/05 08:52	11/18/05 12:30
10029-1M-(6-22)	0506064-12	Air Tube	2410	11/18/05 08:52	11/18/05 12:30
10029-1M-(6-22)	0506064-13	Air	2429	11/18/05 08:52	11/18/05 12:30
10029-1M-(6-22)	0506064-14	Air Tube	2400	11/18/05 08:52	11/18/05 12:30
10029-1M-(6-22)	0506064-15	Air Tube	2410	11/18/05 08:52	11/18/05 12:30

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BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:	05500	Work Order #:	0506064
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-1M-(0-2)

0506064-01 (Air Tube)

11/17/05 12:52

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Phenol	< 8.54	8.54	ug/m³	1	11/21/05	11/22/05	NIOSH 2546	

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BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:	05500	Work Order #:	0506064
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-1M-(0-2)

0506064-02 (Air Tube)

11/17/05 12:52

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Hexachlorobenzene	< 3.65	3.65	ug/m³	1	11/21/05	11/22/05	IHVOCS	

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BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:	05500	Work Order #:	0506064
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-1M-(0-2)

0506064-03 (Air)

11/17/05 12:52

Metals

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Mercury	< 0.066	0.066	ug/m³	1	11/29/05	11/29/05	OSHA ID-145	

The results in this report apply only to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref: 05500	Work Order #: 0506064
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-1M-(0-2)

0506064-04 (Air Tube)

11/17/05 12:52

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
1,2,3-Trichlorobenzene	< 11.7	11.7	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,2,4-Trichlorobenzene	< 11.3	11.3	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,3,5-Trichlorobenzene	< 11.7	11.7	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,4-Dichlorobenzene	< 11.6	11.6	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,1,1-Trichloroethane	< 9.71	9.71	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
2-Ethoxyethyl Acetate	< 12.3	12.3	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Acetone	< 11.0	11.0	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Benzene	**14.2**	4.95	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Chlorobenzene	**12.4**	10.2	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Chloroform	< 10.2	10.2	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Ethanol	**116**	14.3	ug/m³	1	11/22/05	11/23/05	IHVOCS1	ia, ir
Ethyl Acetate	< 10.2	10.2	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Ethyl Benzene	< 9.80	9.80	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Isobutanol	< 11.5	11.5	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Isopropanol	< 12.8	12.8	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Methyl Ethyl Ketone	< 11.2	11.2	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Methyl Isobutyl Ketone	< 10.2	10.2	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Methylene Chloride	< 9.80	9.80	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
n-Butyl Acetate	< 10.1	10.1	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
n-Hexane	< 9.71	9.71	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Stoddard Solvent	**138**	49.5	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Styrene	< 13.0	13.0	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Tetrachloroethene	**19.4**	9.90	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Tetrahydrofuran	< 10.2	10.2	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Toluene	**24.4**	10.1	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
TPH as Gasoline	**465**	51.0	ug/m³	1	11/22/05	11/23/05	IHVOCS1	ia
Trichloroethene	< 10.0	10.0	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
VM&P Naphtha	< 48.1	48.1	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Xylenes, Total	**15.2**	10.0	ug/m³	1	11/22/05	11/23/05	IHVOCS1	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506064
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-1M-(0-2)

0506064-05 (Air Tube)

11/17/05 12:52

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Acenaphthene	< 3.67	3.67	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Acenaphthylene	< 3.38	3.38	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Anthracene	< 3.66	3.66	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Benz(a)anthracene	< 3.96	3.96	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Benzo(a)pyrene	< 4.19	4.19	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Benzo(b)fluoranthene	< 4.14	4.14	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Benzo(g,h,i)perylene	< 5.12	5.12	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Benzo(k)fluoranthene	< 4.19	4.19	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Chrysene	< 3.98	3.98	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Dibenz(a,h)anthracene	< 4.27	4.27	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Fluoranthene	< 3.79	3.79	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Fluorene	< 3.60	3.60	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Indeno(1,2,3-cd)pyrene	< 4.50	4.50	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Naphthalene	**16.7**	3.68	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Phenanthrene	< 3.68	3.68	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Pyrene	< 3.85	3.85	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506064
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-1M-(2-6)

0506064-06 (Air Tube)

11/17/05 16:55

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Phenol	< 4.27	4.27	ug/m³	1	11/21/05	11/22/05	NIOSH 2546	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506064
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-1M-(2-6)

0506064-07 (Air Tube)

11/17/05 16:55

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Hexachlorobenzene	< 1.82	1.82	ug/m³	1	11/21/05	11/22/05	IHVOCS	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506064
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-1M-(2-6)

0506064-08 (Air)

11/17/05 16:55

Metals

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Mercury	< 0.033	0.033	ug/m³	1	11/29/05	11/29/05	OSHA ID-145	

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Service Engineering Group	Client Ref: 05500	Work Order #: 0506064
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-1M-(2-6)

0506064-09 (Air Tube)

11/17/05 16:55

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
1,2,3-Trichlorobenzene	< 5.87	5.87	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,2,4-Trichlorobenzene	< 5.63	5.63	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,3,5-Trichlorobenzene	< 5.83	5.83	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,4-Dichlorobenzene	< 5.79	5.79	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,1,1-Trichloroethane	< 4.85	4.85	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
2-Ethoxyethyl Acetate	< 6.17	6.17	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Acetone	< 5.49	5.49	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Benzene	**9.81**	2.48	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Chlorobenzene	**8.01**	5.10	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Chloroform	**25.6**	5.10	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Ethanol	**25.8**	7.14	ug/m³	1	11/22/05	11/23/05	IHVOCS1	ia, ir
Ethyl Acetate	< 5.10	5.10	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Ethyl Benzene	< 4.90	4.90	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Isobutanol	< 5.75	5.75	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Isopropanol	**10.5**	6.41	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Methyl Ethyl Ketone	**7.52**	5.62	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Methyl Isobutyl Ketone	< 5.10	5.10	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Methylene Chloride	< 4.90	4.90	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
n-Butyl Acetate	< 5.05	5.05	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
n-Hexane	**7.12**	4.85	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Stoddard Solvent	**136**	24.8	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Styrene	< 6.49	6.49	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Tetrachloroethene	**18.9**	4.95	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Tetrahydrofuran	< 5.10	5.10	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Toluene	**22.9**	5.05	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
TPH as Gasoline	**383**	25.5	ug/m³	1	11/22/05	11/23/05	IHVOCS1	ia
Trichloroethene	< 5.00	5.00	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
VM&P Naphtha	< 24.0	24.0	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Xylenes, Total	**25.3**	5.00	ug/m³	1	11/22/05	11/23/05	IHVOCS1	

BRAUN INTERTEC

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506064
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-1M-(2-6)

0506064-10 (Air Tube)

11/17/05 16:55

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Acenaphthene	< 1.83	1.83	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Acenaphthylene	< 1.69	1.69	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Anthracene	< 1.83	1.83	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Benz(a)anthracene	< 1.98	1.98	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Benzo(a)pyrene	< 2.09	2.09	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Benzo(b)fluoranthene	< 2.07	2.07	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Benzo(g,h,i)perylene	< 2.56	2.56	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Benzo(k)fluoranthene	< 2.10	2.10	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Chrysene	< 1.99	1.99	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Dibenz(a,h)anthracene	< 2.13	2.13	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Fluoranthene	< 1.89	1.89	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Fluorene	< 1.80	1.80	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Indeno(1,2,3-cd)pyrene	< 2.25	2.25	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Naphthalene	**14.9**	1.84	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Phenanthrene	< 1.84	1.84	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Pyrene	< 1.92	1.92	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506064
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-1M-(6-22)

0506064-11 (Air Tube)

11/18/05 8:52

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Phenol	**1.17**	1.07	ug/m³	1	11/21/05	11/22/05	NIOSH 2546	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506064
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-1M-(6-22)

0506064-12 (Air Tube)

11/18/05 8:52

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Hexachlorobenzene	< 0.456	0.456	ug/m³	1	11/21/05	11/22/05	IHVOCS	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506064
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-1M-(6-22)

0506064-13 (Air)

11/18/05 8:52

Metals

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Mercury	< 0.0082	0.0082	ug/m³	1	11/29/05	11/29/05	OSHA ID-145	

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Service Engineering Group	Client Ref: 05500	Work Order #: 0506064
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-1M-(6-22)

0506064-14 (Air Tube)

11/18/05 8:52

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
1,2,3-Trichlorobenzene	< 1.47	1.47	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,2,4-Trichlorobenzene	< 1.41	1.41	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,3,5-Trichlorobenzene	< 1.46	1.46	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,4-Dichlorobenzene	**3.97**	1.45	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,1,1-Trichloroethane	< 1.21	1.21	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
2-Ethoxyethyl Acetate	< 1.54	1.54	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Acetone	< 1.37	1.37	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Benzene	**5.93**	0.619	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Chlorobenzene	**2.82**	1.28	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Chloroform	**11.2**	1.28	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Ethanol	< 1.79	1.79	ug/m³	1	11/22/05	11/23/05	IHVOCS1	ir
Ethyl Acetate	< 1.28	1.28	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Ethyl Benzene	**3.27**	1.23	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Isobutanol	< 1.44	1.44	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Isopropanol	**4.41**	1.60	ug/m³	1	11/22/05	11/23/05	IHVOCS1	ia
Methyl Ethyl Ketone	**4.72**	1.40	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Methyl Isobutyl Ketone	< 1.28	1.28	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Methylene Chloride	< 1.23	1.23	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
n-Butyl Acetate	< 1.26	1.26	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
n-Hexane	**6.16**	1.21	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Stoddard Solvent	**101**	6.19	ug/m³	1	11/22/05	11/23/05	IHVOCS1	ia
Styrene	**3.12**	1.62	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Tetrachloroethene	**2.08**	1.24	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Tetrahydrofuran	**3.70**	1.28	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Toluene	**17.5**	1.26	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
TPH as Gasoline	**261**	6.38	ug/m³	1	11/22/05	11/23/05	IHVOCS1	ia
Trichloroethene	**2.32**	1.25	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
VM&P Naphtha	< 6.01	6.01	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Xylenes, Total	**17.1**	1.25	ug/m³	1	11/22/05	11/23/05	IHVOCS1	

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11001 Hampshire Ave. S.
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Service Engineering Group	Client Ref:	05500	Work Order #:	0506064
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-1M-(6-22)

0506064-15 (Air Tube)

11/18/05 8:52

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Acenaphthene	< 0.458	0.458	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Acenaphthylene	< 0.423	0.423	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Anthracene	< 0.457	0.457	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Benz(a)anthracene	< 0.495	0.495	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Benzo(a)pyrene	< 0.523	0.523	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Benzo(b)fluoranthene	< 0.517	0.517	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Benzo(g,h,i)perylene	< 0.639	0.639	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Benzo(k)fluoranthene	< 0.524	0.524	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Chrysene	< 0.497	0.497	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Dibenz(a,h)anthracene	< 0.533	0.533	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Fluoranthene	< 0.473	0.473	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Fluorene	< 0.450	0.450	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Indeno(1,2,3-cd)pyrene	< 0.562	0.562	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Naphthalene	**4.24**	0.460	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Phenanthrene	< 0.460	0.460	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Pyrene	< 0.481	0.481	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	

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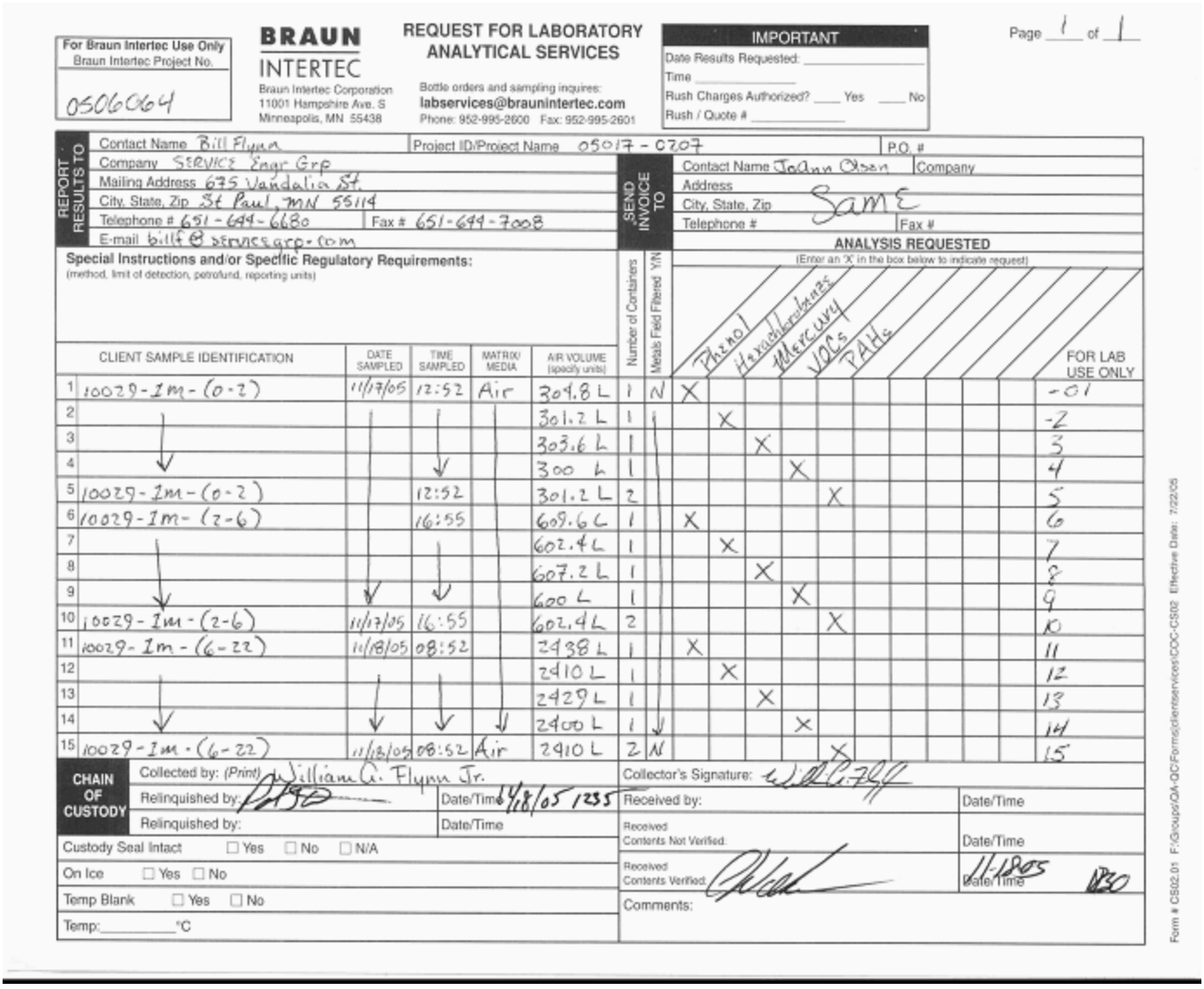
Service Engineering Group	Client Ref: 05500	Work Order #: 0506064
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003



Page 1 of 1

For Braun Intertec Use Only
Braun Intertec Project No.
0506064

BRAUN INTERTEC
Braun Intertec Corporation
11001 Hampshire Ave. S
Minneapolis, MN 55438

REQUEST FOR LABORATORY ANALYTICAL SERVICES

Bottle orders and sampling inquires:
labservices@braunintertec.com
Phone: 952-995-2600 Fax: 952-995-2601

IMPORTANT
Date Results Requested:
Time
Rush Charges Authorized? ___ Yes ___ No
Rush / Quote #

REPORT RESULTS TO
Contact Name: Bill Flynn
Company: Service Engr Grp
Mailing Address: 675 Vandalia St.
City, State, Zip: St Paul, MN 55114
Telephone #: 651-699-6680 Fax #: 651-699-7008
E-mail: billf@servicegrp.com

Project ID/Project Name: 05017-0707
P.O. #

SEND INVOICE TO
Contact Name: JoAnn Olsen
Company:
Address:
City, State, Zip: SAME
Telephone #:
Fax #:

Special Instructions and/or Specific Regulatory Requirements:
(method, limit of detection, petrofund, reporting units)

ANALYSIS REQUESTED
(Enter an 'X' in the box below to indicate request)

	CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)	Number of Containers	Metals Field Filtered Y/N	Phenol	Hexachlorohexane	Mercury	VOCs	PAHs	FOR LAB USE ONLY
1	10029-Im-(0-2)	11/17/05	12:52	Air	309.8 L	1	N	X					-01
2					301.2 L	1			X				-2
3					303.6 L	1				X			3
4					300 L	1					X		4
5	10029-Im-(0-2)		12:52		301.2 L	2						X	5
6	10029-Im-(2-6)		16:55		609.6 L	1		X					6
7					602.4 L	1			X				7
8					607.2 L	1				X			8
9					600 L	1					X		9
10	10029-Im-(2-6)	11/17/05	16:55		602.4 L	2						X	10
11	10029-Im-(6-22)	11/18/05	08:52		2438 L	1		X					11
12					2410 L	1			X				12
13					2429 L	1				X			13
14					2400 L	1					X		14
15	10029-Im-(6-22)	11/18/05	08:52	Air	2410 L	2	N					X	15

CHAIN OF CUSTODY
Collected by: (Print) William C. Flynn Jr.
Collector's Signature:
Relinquished by: Date/Time 11/18/05 1235
Received by: Date/Time
Relinquished by: Date/Time
Received Contents Not Verified: Date/Time
Custody Seal Intact ☐ Yes ☐ No ☐ N/A
On Ice ☐ Yes ☐ No
Temp Blank ☐ Yes ☐ No
Temp: _____ °C
Received Contents Verified: Date/Time 11-18-05 1130
Comments:

Form # CS02.01 F:\Groups\QA-QC\Forms\clientservices\COC-CS02 Effective Date: 7/22/05

BRAUN INTERTEC

Braun Intertec Corporation
11001 Hampshire Avenue S
Minneapolis, MN 55438

Phone: 952.995.2000
Fax: 952.995.2020
Web: brauninterteс.com

Mr. Bill Flynn
Service Engineering Group
675 Vandalia Street
St. Paul, MN 55114-1312

December 07, 2005

Work Order #: 0506066

RE: 05500

Dear Mr. Bill Flynn

Braun Intertec Corporation received samples for the project identified above on 11/21/05 11:30. Analytical results are summarized in the following report.

All routine quality assurance procedures were followed, unless otherwise noted.

Where possible, the samples will be retained by the laboratory for 14 days following issuance of the initial final report. The samples will be disposed of or returned at that time.

We appreciate your decision to use Braun Intertec Corporation for this project. We are committed to being your vendor of choice to meet your analytical chemistry needs.

If you have any questions please contact me at the above phone number.

Sincerely,
BRAUN INTERTEC CORPORATION

Steven J. Albrecht
Associate Principal

AIHA Environmental Lead and Industrial Hygiene ACCREDITED LABORATORY
AIHA 101103

Providing engineering and environmental solutions since 1957

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952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:	05500	Work Order #:	0506066
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

Qualifiers and Abbreviations

ir	The recovery study yielded results of <75%. Per the NIOSH Manual of Analytical Methods, the result is considered semi-quantitative.
ia	The back section of the sample tube contained greater than 10 percent of the amount collected on the front section. This indicates possible analyte breakthrough (loss) during field sampling.
COC	Chain of Custody
MRL	Method Reporting Limit
ppm	Parts per million in Air
NA	Not Applicable
NR	Not Reported
%Rec	Percent Recovery
RPD	Relative Percent Difference

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St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

SAMPLE SUMMARY

Sample ID	Laboratory ID	Matrix	Air Volume (L) / Time (Min)	Date Sampled	Date Received
10029-1Q-(0-2)	0506066-01	Air Tube	304.8	11/18/05 11:18	11/21/05 11:30
10029-1Q-(0-2)	0506066-02	Air Tube	301.2	11/18/05 11:18	11/21/05 11:30
10029-1Q-(0-2)	0506066-03	Air	303.6	11/18/05 11:18	11/21/05 11:30
10029-1Q-(0-2)	0506066-04	Air Tube	301.2	11/18/05 11:18	11/21/05 11:30
10029-1Q-(0-2)	0506066-05	Air Tube	300	11/18/05 11:18	11/21/05 11:30
10029-1Q-(2-6)	0506066-06	Air Tube	609.6	11/18/05 15:26	11/21/05 11:30
10029-1Q-(2-6)	0506066-07	Air Tube	602.4	11/18/05 15:26	11/21/05 11:30
10029-1Q-(2-6)	0506066-08	Air	607.2	11/18/05 15:26	11/21/05 11:30
10029-1Q-(2-6)	0506066-09	Air Tube	602.4	11/18/05 15:26	11/21/05 11:30
10029-1Q-(2-6)	0506066-10	Air Tube	600	11/18/05 15:26	11/21/05 11:30
10029-1Q-(6-22)	0506066-11	Air Tube	2438	11/19/05 07:18	11/21/05 11:30
10029-1Q-(6-22)	0506066-12	Air Tube	2410	11/19/05 07:18	11/21/05 11:30
10029-1Q-(6-22)	0506066-13	Air	2429	11/19/05 07:18	11/21/05 11:30
10029-1Q-(6-22)	0506066-14	Air Tube	2410	11/19/05 07:18	11/21/05 11:30
10029-1Q-(6-22)	0506066-15	Air Tube	2400	11/19/05 07:18	11/21/05 11:30

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St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-1Q-(0-2)

0506066-01 (Air Tube)

11/18/05 11:18

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Phenol	< 8.54	8.54	ug/m³	1	11/21/05	11/22/05	NIOSH 2546	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506066
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-1Q-(0-2)

0506066-02 (Air Tube)

11/18/05 11:18

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Hexachlorobenzene	< 3.65	3.65	ug/m³	1	11/21/05	11/22/05	IHVOCS	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506066
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-1Q-(0-2)

0506066-03 (Air)

11/18/05 11:18

Metals

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Mercury	< 0.066	0.066	ug/m³	1	11/29/05	11/29/05	OSHA ID-145	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506066
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-1Q-(0-2)

0506066-04 (Air Tube)

11/18/05 11:18

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Acenaphthene	< 3.67	3.67	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Acenaphthylene	< 3.38	3.38	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Anthracene	< 3.66	3.66	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Benz(a)anthracene	< 3.96	3.96	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Benzo(a)pyrene	< 4.19	4.19	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Benzo(b)fluoranthene	< 4.14	4.14	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Benzo(g,h,i)perylene	< 5.12	5.12	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Benzo(k)fluoranthene	< 4.19	4.19	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Chrysene	< 3.98	3.98	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Dibenz(a,h)anthracene	< 4.27	4.27	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Fluoranthene	< 3.79	3.79	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Fluorene	< 3.60	3.60	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Indeno(1,2,3-cd)pyrene	< 4.50	4.50	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Naphthalene	**5.20**	3.68	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Phenanthrene	< 3.68	3.68	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Pyrene	< 3.85	3.85	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	

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675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-1Q-(0-2)

0506066-05 (Air Tube)

11/18/05 11:18

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
1,2,3-Trichlorobenzene	< 11.7	11.7	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,2,4-Trichlorobenzene	< 11.3	11.3	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,3,5-Trichlorobenzene	< 11.7	11.7	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,4-Dichlorobenzene	< 11.6	11.6	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,1,1-Trichloroethane	< 9.71	9.71	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
2-Ethoxyethyl Acetate	< 12.3	12.3	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Acetone	< 11.0	11.0	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Benzene	**10.4**	4.95	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Chlorobenzene	< 10.2	10.2	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Chloroform	**28.8**	10.2	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Ethanol	< 14.3	14.3	ug/m³	1	11/22/05	11/23/05	IHVOCS1	ir
Ethyl Acetate	< 10.2	10.2	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Ethyl Benzene	< 9.80	9.80	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Isobutanol	< 11.5	11.5	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Isopropanol	< 12.8	12.8	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Methyl Ethyl Ketone	< 11.2	11.2	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Methyl Isobutyl Ketone	< 10.2	10.2	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Methylene Chloride	< 9.80	9.80	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
n-Butyl Acetate	< 10.1	10.1	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
n-Hexane	< 9.71	9.71	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Stoddard Solvent	**198**	49.5	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Styrene	< 13.0	13.0	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Tetrachloroethene	< 9.90	9.90	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Tetrahydrofuran	< 10.2	10.2	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Toluene	**26.4**	10.1	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
TPH as Gasoline	**468**	51.0	ug/m³	1	11/22/05	11/23/05	IHVOCS1	ia
Trichloroethene	< 10.0	10.0	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
VM&P Naphtha	< 48.1	48.1	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Xylenes, Total	**13.8**	10.0	ug/m³	1	11/22/05	11/23/05	IHVOCS1	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506066
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-1Q-(2-6)

0506066-06 (Air Tube)

11/18/05 15:26

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Phenol	< 4.27	4.27	ug/m³	1	11/21/05	11/22/05	NIOSH 2546	

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675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-1Q-(2-6)

0506066-07 (Air Tube)

11/18/05 15:26

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Hexachlorobenzene	< 1.82	1.82	ug/m³	1	11/21/05	11/22/05	IHVOCS	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506066
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-1Q-(2-6)

0506066-08 (Air)

11/18/05 15:26

Metals

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Mercury	< 0.033	0.033	ug/m³	1	11/29/05	11/29/05	OSHA ID-145	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506066
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-1Q-(2-6)

0506066-09 (Air Tube)

11/18/05 15:26

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Acenaphthene	< 1.83	1.83	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Acenaphthylene	< 1.69	1.69	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Anthracene	< 1.83	1.83	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Benz(a)anthracene	< 1.98	1.98	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Benzo(a)pyrene	< 2.09	2.09	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Benzo(b)fluoranthene	< 2.07	2.07	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Benzo(g,h,i)perylene	< 2.56	2.56	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Benzo(k)fluoranthene	< 2.10	2.10	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Chrysene	< 1.99	1.99	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Dibenz(a,h)anthracene	< 2.13	2.13	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Fluoranthene	< 1.89	1.89	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Fluorene	< 1.80	1.80	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Indeno(1,2,3-cd)pyrene	< 2.25	2.25	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Naphthalene	**5.75**	1.84	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Phenanthrene	< 1.84	1.84	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Pyrene	< 1.92	1.92	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	

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675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-1Q-(2-6)

0506066-10 (Air Tube)

11/18/05 15:26

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
1,2,3-Trichlorobenzene	< 5.87	5.87	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,2,4-Trichlorobenzene	< 5.63	5.63	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,3,5-Trichlorobenzene	< 5.83	5.83	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,4-Dichlorobenzene	< 5.79	5.79	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,1,1-Trichloroethane	**7.97**	4.85	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
2-Ethoxyethyl Acetate	< 6.17	6.17	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Acetone	< 5.49	5.49	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Benzene	**13.1**	2.48	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Chlorobenzene	< 5.10	5.10	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Chloroform	**41.0**	5.10	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Ethanol	< 7.14	7.14	ug/m³	1	11/22/05	11/23/05	IHVOCS1	ir
Ethyl Acetate	< 5.10	5.10	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Ethyl Benzene	**7.91**	4.90	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Isobutanol	< 5.75	5.75	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Isopropanol	< 6.41	6.41	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Methyl Ethyl Ketone	**10.8**	5.62	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Methyl Isobutyl Ketone	< 5.10	5.10	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Methylene Chloride	< 4.90	4.90	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
n-Butyl Acetate	< 5.05	5.05	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
n-Hexane	**17.3**	4.85	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Stoddard Solvent	**250**	24.8	ug/m³	1	11/22/05	11/23/05	IHVOCS1	ia
Styrene	< 6.49	6.49	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Tetrachloroethene	< 4.95	4.95	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Tetrahydrofuran	**10.9**	5.10	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Toluene	**41.4**	5.05	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
TPH as Gasoline	**701**	25.5	ug/m³	1	11/22/05	11/23/05	IHVOCS1	ia
Trichloroethene	< 5.00	5.00	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
VM&P Naphtha	< 24.0	24.0	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Xylenes, Total	**40.4**	5.00	ug/m³	1	11/22/05	11/23/05	IHVOCS1	

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St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-1Q-(6-22)

0506066-11 (Air Tube)

11/19/05 7:18

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Phenol	**1.36**	1.07	ug/m³	1	11/21/05	11/22/05	NIOSH 2546	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506066
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-1Q-(6-22)

0506066-12 (Air Tube)

11/19/05 7:18

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Hexachlorobenzene	< 0.456	0.456	ug/m³	1	11/21/05	11/22/05	IHVOCS	

The results in this report apply only to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Bloomington, MN 55438
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Service Engineering Group	Client Ref:	05500	Work Order #:	0506066
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-1Q-(6-22)

0506066-13 (Air)

11/19/05 7:18

Metals

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Mercury	< 0.0082	0.0082	ug/m³	1	11/29/05	11/29/05	OSHA ID-145	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506066
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

10029-1Q-(6-22)

0506066-14 (Air Tube)

11/19/05 7:18

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Acenaphthene	< 0.458	0.458	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Acenaphthylene	< 0.423	0.423	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Anthracene	< 0.457	0.457	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Benz(a)anthracene	< 0.495	0.495	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Benzo(a)pyrene	< 0.523	0.523	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Benzo(b)fluoranthene	< 0.517	0.517	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Benzo(g,h,i)perylene	< 0.639	0.639	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Benzo(k)fluoranthene	< 0.524	0.524	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Chrysene	< 0.497	0.497	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Dibenz(a,h)anthracene	< 0.533	0.533	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Fluoranthene	< 0.473	0.473	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Fluorene	< 0.450	0.450	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Indeno(1,2,3-cd)pyrene	< 0.562	0.562	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Naphthalene	**2.80**	0.460	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Phenanthrene	< 0.460	0.460	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	
Pyrene	< 0.481	0.481	ug/m³	1	11/25/05	11/26/05	NIOSH 5506	

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Service Engineering Group	Client Ref: 05500	Work Order #: 0506066
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-1Q-(6-22)

0506066-15 (Air Tube)

11/19/05 7:18

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
1,2,3-Trichlorobenzene	< 1.47	1.47	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,2,4-Trichlorobenzene	< 1.41	1.41	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,3,5-Trichlorobenzene	**3.34**	1.46	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,4-Dichlorobenzene	**4.18**	1.45	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
1,1,1-Trichloroethane	**2.40**	1.21	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
2-Ethoxyethyl Acetate	**3.08**	1.54	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Acetone	< 1.37	1.37	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Benzene	**9.99**	0.619	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Chlorobenzene	**1.40**	1.28	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Chloroform	**18.6**	1.28	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Ethanol	< 1.79	1.79	ug/m³	1	11/22/05	11/23/05	IHVOCS1	ir
Ethyl Acetate	< 1.28	1.28	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Ethyl Benzene	**6.70**	1.23	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Isobutanol	< 1.44	1.44	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Isopropanol	**4.51**	1.60	ug/m³	1	11/22/05	11/23/05	IHVOCS1	ia
Methyl Ethyl Ketone	**7.16**	1.40	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Methyl Isobutyl Ketone	< 1.28	1.28	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Methylene Chloride	**6.12**	1.23	ug/m³	1	11/22/05	11/23/05	IHVOCS1	ia
n-Butyl Acetate	< 1.26	1.26	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
n-Hexane	**13.9**	1.21	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Stoddard Solvent	**198**	6.19	ug/m³	1	11/22/05	11/23/05	IHVOCS1	ia
Styrene	**7.49**	1.62	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Tetrachloroethene	**2.78**	1.24	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Tetrahydrofuran	**8.49**	1.28	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Toluene	**33.2**	1.26	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
TPH as Gasoline	**563**	6.38	ug/m³	1	11/22/05	11/23/05	IHVOCS1	ia
Trichloroethene	**4.82**	1.25	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
VM&P Naphtha	< 6.01	6.01	ug/m³	1	11/22/05	11/23/05	IHVOCS1	
Xylenes, Total	**33.5**	1.25	ug/m³	1	11/22/05	11/23/05	IHVOCS1	

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
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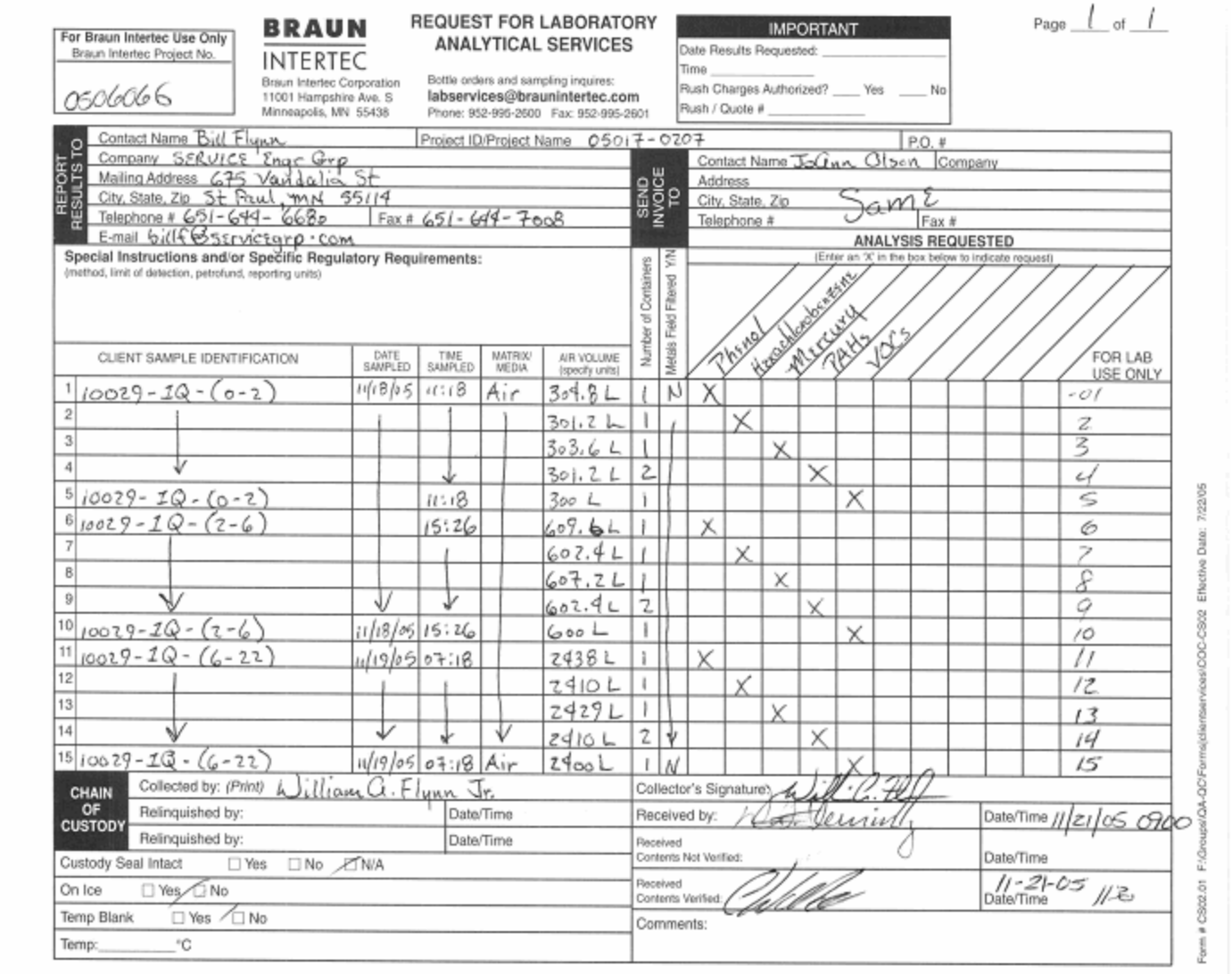
Service Engineering Group	Client Ref: 05500	Work Order #: 0506066
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003



For Braun Intertec Use Only — Braun Intertec Project No. 0506066

BRAUN INTERTEC — Braun Intertec Corporation, 11001 Hampshire Ave. S, Minneapolis, MN 55438

REQUEST FOR LABORATORY ANALYTICAL SERVICES

Bottle orders and sampling inquires: labservices@braunintertec.com, Phone: 952-995-2600 Fax: 952-995-2601

IMPORTANT
Date Results Requested:
Time
Rush Charges Authorized? ___ Yes ___ No
Rush / Quote #

Page 1 of 1

REPORT RESULTS TO
Contact Name: Bill Flynn
Company: SERVICE Engr Grp
Mailing Address: 675 Vandalia St
City, State, Zip: St Paul, MN 55114
Telephone #: 651-649-6680 Fax #: 651-649-7008
E-mail: billf@servicegrp.com

Project ID/Project Name: 05017-0207
P.O. #

SEND INVOICE TO
Contact Name: JoAnn Olsen Company:
Address:
City, State, Zip: Same
Telephone # Fax #

Special Instructions and/or Specific Regulatory Requirements:
(method, limit of detection, petrofund, reporting units)

ANALYSIS REQUESTED
(Enter an 'X' in the box below to indicate request)

	CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)	Number of Containers	Metals Field Filtered Y/N	Phenol	Hexachlorobenzene	Mercury	PAHs	VOC's	FOR LAB USE ONLY
1	10029-IQ-(0-2)	11/18/05	11:18	Air	309.8 L	1	N	X					-01
2					301.2 L	1			X				2
3					303.6 L	1				X			3
4					301.2 L	2					X		4
5	10029-IQ-(0-2)		11:18		300 L	1						X	5
6	10029-IQ-(2-6)		15:26		609.6 L	1		X					6
7					602.4 L	1			X				7
8					607.2 L	1				X			8
9					602.4 L	2					X		9
10	10029-IQ-(2-6)	11/18/05	15:26		600 L	1						X	10
11	10029-IQ-(6-22)	11/19/05	07:18		2438 L	1		X					11
12					2410 L	1			X				12
13					2429 L	1				X			13
14					2410 L	2	Y				X		14
15	10029-IQ-(6-22)	11/19/05	07:18	Air	2400 L	1	N					X	15

CHAIN OF CUSTODY
Collected by: (Print) William A. Flynn Jr. Collector's Signature:
Relinquished by: Date/Time
Relinquished by: Date/Time
Received by: Date/Time 11/21/05 0900
Received Contents Not Verified: Date/Time
Received Contents Verified: Date/Time 11-21-05 1128
Comments:

Custody Seal Intact ☐ Yes ☐ No ☒ N/A
On Ice ☐ Yes ☐ No
Temp Blank ☐ Yes ☐ No
Temp: °C

Form # CS02.01 F:\Groups\QA-QC\Forms\clientservices\COC-CS02 Effective Date: 7/22/05

BRAUN INTERTEC

Braun Intertec Corporation
11001 Hampshire Avenue S
Minneapolis, MN 55438

Phone: 952.995.2000
Fax: 952.995.2020
Web: brauntintertec.com

Mr. Bill Flynn
Service Engineering Group
675 Vandalia Street
St. Paul, MN 55114-1312

December 14, 2005

Work Order #: 0506069

RE: 05500

Dear Mr. Bill Flynn

Braun Intertec Corporation received samples for the project identified above on 11/18/05 11:30. Analytical results are summarized in the following report.

All routine quality assurance procedures were followed, unless otherwise noted.

Analytical results are reported on an "as received" basis unless otherwise noted. Where possible, the samples will be retained by the laboratory for 14 days following issuance of the initial final report. The samples will be disposed of or returned at that time. Arrangements can be made for extended storage by contacting me at this time.

We appreciate your decision to use Braun Intertec Corporation for this project. We are committed to being your vendor of choice to meet your analytical chemistry needs.

If you have any questions please contact me at the above phone number.

Sincerely,

Steven J. Albrecht

Steven J. Albrecht
Associate Principal

Certification/Accreditation Numbers

Minnesota Department of Health: 027-053-117 Wisconsin DNR: 999462640 NVLAP: 1021234-0 AIHA: 101103

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:05500	Work Order #: 0506069
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

How to Use this Report

In order to get the most out of the information presented in this report please refer to the following explanations as to how the data in this report is tied together and how some of the terms are defined.

Qualifiers and Abbreviations are defined in the following section. You will find these codes used throughout the report in headers and in note sections to designate a unique fact about the data to which they are associated.

The Case Narrative gives a "story" about the analysis and results. Here you will find greater elaboration on relevant qualifiers as well as an explanation of anything of particular note in the data. This is a discussion of the data in terms of quality control and chemistry. It is a summary of any deviations that could affect the usefulness of the data. This is not an interpretation as to how this information relates to regulatory compliance, toxicity, or hazardous characterization. These items are beyond the scope of this report.

The Sample Summary provides detail on sample receipt. The association between Client sample ID and the Laboratory sample ID are defined here; this information is valuable to have when discussing results with your project manager. Sample collection and receipt dates and times are provided here as well. General notes regarding the work order are also documented here. This is a mini "case narrative" that describes any anomalies regarding the condition of the samples upon arrival to the laboratory or special circumstances regarding the work order.

The Conditions Upon Receipt summarizes the results of specific checks that have been performed at sample receipt. This includes items like custody documentation, sample condition, and temperature at receipt. Each "cooler" is identified and the conditions associated with that cooler are documented. A "cooler" is defined as the larger container used to transport the individual samples. In most cases this is a standard recreational cooler but it can be a box, plastic bag, or other container.

The laboratory results are summarized in the following sections. Data is broken down into major categories for convenience. An example of such a category would be "Total Petroleum Hydrocarbons." Here you would find data that references the testing of such parameters as diesel range organics and gasoline range organics. Other categories are similarly mapped. The batch number is associated with each sample. This is important to evaluate Quality Control (QC) data. Surrogate results samples are provided with each sample. Laboratory control limits are provided for comparison (see below). The reference method is also identified. If a method is denoted with an "M" (e.g. EPA 1234(M)) this means that it has been modified. An explanation of the modification will be found in the Case Narrative. A result is given with appropriate units. If a soil sample is dry-weight corrected then the word "dry" will appear next to the units. If the word "dry" does not appear then the result is "as received."

The Method Reporting Limit (MRL) and Method Detection Limit (MDL) are provided. It is important to understand these terms. The MRL is a level that has been empirically verified to provide reliable quantitation of results. Results that are equal to or greater than this value will show up as bolded. They are considered "hits." The MDL is a statistically derived number that indicates, with high confidence, that an analyte can be detected above noise level. If a result is less than this value it is marked as "ND" for "Non-Detect." If a result is less than the MRL but greater than the MDL then it is considered an estimate. Such a result is reported with a "J" flag denoting that it has been detected but that the result is an estimate. This is consistent with the *CLP Statement of Work* and the *National Functional Guidelines.*

The Quality Control (QC) samples are documented in the following section. Here you will find the preparation batches associated with each sample from the results section. The sample preparation method is also defined here. Accuracy is represented here in terms of a percent recovery as compared to a known value. Precision is represented as a relative percent difference between two duplicate sample aliquots. The laboratory control limits are provided as a means to evaluate the quality control data. If the result falls outside the laboratory control limits this simply means that it is outside what is typical for the laboratory and is noted accordingly. This does not mean that the data is invalid. Laboratory control limits are generally tighter than most program limits. This is a very important distinction. How the data is ultimately used determines its validity. Program requirements are defined in the Quality Assurance Project Plan (QAPP) governing the project. If your project manager is aware of your specific program requirements then a note will be made in the case narrative if the data fails to meet any of these requirements.

The last section contains copies of important documents and/or instrument printouts relavent to the report. This includes the chain of custody. It also may include items like chromatograms or spectra.

Please note that this report is paginated and must be reproduced in its entirety.

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Service Engineering Group	Client Ref:05500	Work Order #: 0506069
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Qualifiers and Abbreviations

vn	The surrogate recovery is below the laboratory generated control limits.
vm	The surrogate recovery is above the laboratory generated control limits.
ts	This analysis was performed by a subcontract laboratory.
J	Detected but below the Method Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
gp	The relative percent difference (RPD) for the laboratory control sample and laboratory control sample duplicate is outside of laboratory control limits.
go	The laboratory control sample recovery is outside of laboratory control limits.
COC	Chain of Custody
dry	Sample results reported on a dry weight basis
MDL	Method Detection Limit
MRL	Method Reporting Limit
NA	Not Applicable
ND	Analyte NOT DETECTED
NR	Not Reported
%Rec	Percent Recovery
RPD	Relative Percent Difference
VOC	Volatile Organic Compound

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Service Engineering Group	Client Ref:05500	Work Order #: 0506069
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

SAMPLE SUMMARY

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
10029-1Q-PR	0506069-01	Water	11/18/05 09:18	11/18/05 11:30
10029-10Q-DCN	0506069-02	Water	11/17/05 16:50	11/18/05 11:30
10029-1M-PO	0506069-03	Water	11/18/05 08:55	11/18/05 11:30
Trip Blank	0506069-04	Water	11/18/05 00:00	11/18/05 11:30

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Service Engineering Group	Client Ref:05500	Work Order #: 0506069
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Conditions Upon Receipt

Cooler: Cooler #1

Temperature:	5.8 °C	**Received on Ice:**	Yes	**Preservation Confirmed:**	Yes
COC Included:	Yes	**Hand Delivered by Sampler:**	No	**Temperature Blank:**	No
Custody Seals Used:	No	**Sufficient Sample Provided:**	Yes	**COC Complete:**	Yes
Custody Seals Intact:	No	**Headspace Present (VOC):**	No	**COC & Labels Agree:**	Yes

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Service Engineering Group	Client Ref:05500	Work Order #: 0506069
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-1Q-PR

0506069-01 (Water)

11/18/05 9:18

Classical Chemistry Parameters

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Total Suspended Solids	**2700**	13	3.6	mg/L	B5K0416	11/22/05	11/22/05	EPA 160.2	
Total Organic Carbon	**12**	1.5	0.50	mg/L	B5L0214	12/12/05	12/12/05	EPA 9060	ts

The results in this report apply only to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Bloomington, MN 55438
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Service Engineering Group	Client Ref:05500	Work Order #: 0506069
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-10Q-DCN

0506069-02 (Water)

11/17/05 16:50

Metals

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Mercury	ND	0.20	0.011	ug/L	B5K0413	11/22/05	11/23/05	EPA 7470A	

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,2,4-Trichlorobenzene	ND	5.0	0.33	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
1,2-Dichlorobenzene	0.62 J	5.0	0.27	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
1,2-Diphenylhydrazine	ND	5.0	0.37	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
1,3-Dichlorobenzene	ND	5.0	0.30	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
1,4-Dichlorobenzene	1.3 J	5.0	0.29	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2,4,5-Trichlorophenol	ND	5.0	0.15	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2,4,6-Trichlorophenol	ND	5.0	0.23	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2,4-Dichlorophenol	ND	10	0.28	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2,4-Dimethylphenol	ND	5.0	0.40	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2,4-Dinitrophenol	ND	5.0	0.96	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	go, gp
2,4-Dinitrotoluene	ND	5.0	0.20	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2,6-Dinitrotoluene	ND	5.0	0.58	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2-Chloronaphthalene	ND	5.0	0.30	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2-Chlorophenol	ND	10	0.63	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2-Methylnaphthalene	ND	5.0	0.39	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2-Methylphenol	ND	10	2.5	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2-Nitroaniline	ND	5.0	0.46	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2-Nitrophenol	ND	10	0.54	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
3,3-Dichlorobenzidine	ND	5.0	0.54	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
3-/4-Methylphenol	ND	10	0.28	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
3-Nitroaniline	ND	5.0	0.66	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
4,6-Dinitro-2-methylphenol	ND	5.0	0.70	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
4-Bromophenyl phenyl ether	ND	5.0	0.24	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
4-Chloro-3-methylphenol	ND	5.0	0.23	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
4-Chloroaniline	ND	5.0	0.59	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	

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11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
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Service Engineering Group	Client Ref:05500	Work Order #: 0506069
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-10Q-DCN

0506069-02 (Water)

11/17/05 16:50

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
4-Chlorophenyl phenyl ether	ND	2.0	0.25	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
4-Nitroaniline	ND	5.0	0.34	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
4-Nitrophenol	ND	5.0	0.82	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Acenaphthene	ND	2.0	0.26	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Acenaphthylene	ND	2.0	0.19	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Aniline	ND	5.0	0.88	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Anthracene	ND	2.0	0.21	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Benz(a)anthracene	ND	2.0	0.71	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Benzo(a)pyrene	ND	2.0	0.77	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Benzo(b)fluoranthene	ND	2.0	0.42	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Benzo(g,h,i)perylene	ND	2.0	0.67	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Benzo(k)fluoranthene	ND	2.0	0.75	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Benzyl alcohol	ND	10	0.32	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
bis(2-Chloroethoxy)methane	ND	5.0	0.34	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Bis(2-Chloroethyl)ether	ND	5.0	0.42	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Bis(2-chloroisopropyl)ether	ND	5.0	0.32	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Bis(2-Ethylhexyl)phthalate	ND	5.0	1.5	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Butyl benzyl phthalate	ND	5.0	0.31	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Carbazole	ND	5.0	0.34	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Chrysene	ND	2.0	0.70	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Dibenz(a,h)anthracene	ND	2.0	0.78	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Dibenzofuran	ND	5.0	0.27	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Diethylphthalate	ND	5.0	0.30	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Dimethyl phthalate	ND	5.0	0.21	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Di-n-butyl phthalate	ND	5.0	0.47	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Di-n-octyl phthalate	ND	5.0	0.80	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Fluoranthene	ND	2.0	0.26	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Fluorene	ND	2.0	0.46	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506069
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-10Q-DCN

0506069-02 (Water)

11/17/05 16:50

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Hexachlorobenzene	ND	5.0	0.24	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Hexachlorobutadiene	ND	5.0	0.31	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Hexachlorocyclopentadiene	ND	5.0	0.28	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Hexachloroethane	ND	5.0	0.35	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Indeno(1,2,3-cd)pyrene	ND	2.0	0.78	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Isophorone	ND	5.0	0.21	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Naphthalene	3.7 J	5.0	0.32	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Nitrobenzene	ND	5.0	0.27	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
N-Nitrosodimethylamine	ND	5.0	0.26	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
N-Nitrosodi-n-propylamine	ND	5.0	0.31	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
N-Nitrosodiphenylamine	ND	5.0	0.31	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Pentachlorophenol	ND	5.0	0.54	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Phenanthrene	ND	2.0	0.21	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Phenol	ND	10	2.1	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Pyrene	ND	2.0	0.50	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Pyridine	ND	10	2.4	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Surrogate: 2,4,6-Tribromophenol	*94.9 %*	*Limits: 65-100%*			*B5K0407*	*11/22/05*	*11/23/05*	*EPA 8270C*	
Surrogate: 2-Fluorobiphenyl	*72.9 %*	*Limits: 59-101%*			*B5K0407*	*11/22/05*	*11/23/05*	*EPA 8270C*	
Surrogate: 2-Fluorophenol	*41.8 %*	*Limits: 30-75%*			*B5K0407*	*11/22/05*	*11/23/05*	*EPA 8270C*	
Surrogate: Nitrobenzene-d5	*57.3 %*	*Limits: 57-101%*			*B5K0407*	*11/22/05*	*11/23/05*	*EPA 8270C*	
Surrogate: Phenol-d6	*35.9 %*	*Limits: 30-75%*			*B5K0407*	*11/22/05*	*11/23/05*	*EPA 8270C*	
Surrogate: Terphenyl-d14	*86.3 %*	*Limits: 65-100%*			*B5K0407*	*11/22/05*	*11/23/05*	*EPA 8270C*	

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
1,1,1-Trichloroethane	ND	1.0	0.050	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	

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952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:05500	Work Order #: 0506069
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-10Q-DCN

0506069-02 (Water)

11/17/05 16:50

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
1,1,2-Trichlorotrifluoroethane	ND	1.0	0.12	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
1,1-Dichloroethane	ND	1.0	0.053	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
1,1-Dichloroethene	ND	1.0	0.085	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
1,1-Dichloropropene	ND	1.0	0.073	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
1,2,3-Trichlorobenzene	ND	1.0	0.11	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
1,2,3-Trichloropropane	ND	1.0	0.30	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
1,2,4-Trichlorobenzene	ND	1.0	0.14	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
1,2,4-Trimethylbenzene	ND	1.0	0.071	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
1,2-Dibromo-3-chloropropane	ND	1.0	0.41	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
1,2-Dibromoethane	ND	1.0	0.064	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
1,2-Dichlorobenzene	ND	1.0	0.12	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
1,2-Dichloroethane	ND	1.0	0.053	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
1,2-Dichloropropane	ND	1.0	0.050	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
1,3,5-Trimethylbenzene	ND	1.0	0.097	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
1,3-Dichlorobenzene	ND	1.0	0.083	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
1,3-Dichloropropane	ND	1.0	0.13	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
1,4-Dichlorobenzene	ND	1.0	0.12	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
2,2-Dichloropropane	ND	1.0	0.10	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
2-Butanone (MEK)	ND	10	1.3	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
2-Chlorotoluene	ND	1.0	0.20	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
4-Chlorotoluene	ND	1.0	0.13	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
4-Isopropyltoluene	ND	1.0	0.058	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
Acetone	ND	20	1.5	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
Allyl Chloride	ND	1.0	0.26	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
Benzene	ND	1.0	0.045	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
Bromobenzene	ND	1.0	0.15	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506069
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-10Q-DCN

0506069-02 (Water)

11/17/05 16:50

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Bromochloromethane	ND	1.0	0.21	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
Bromodichloromethane	**4.8**	1.0	0.11	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
Bromoform	ND	5.0	0.13	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
Bromomethane	ND	1.0	0.14	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
Carbon Tetrachloride	ND	1.0	0.057	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
Chlorobenzene	**2.5**	1.0	0.042	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
Chlorodibromomethane	ND	1.0	0.028	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
Chloroethane	ND	1.0	0.11	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
Chloroform	**17**	1.0	0.12	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
Chloromethane	**1.4**	1.0	0.20	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.0	0.10	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.0	0.041	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
Dibromomethane	ND	1.0	0.20	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
Dichlorodifluoromethane	ND	1.0	0.13	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
Dichlorofluoromethane	ND	1.0	0.10	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
Ethyl Ether	ND	1.0	0.31	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
Ethylbenzene	ND	1.0	0.10	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
Hexachlorobutadiene	ND	2.0	0.24	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
Isopropylbenzene	ND	1.0	0.064	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
m,p-Xylenes	ND	1.0	0.13	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
Methyl Isobutyl Ketone	ND	5.0	0.42	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
Methylene chloride	ND	5.0	0.63	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
Methyl-t-butyl ether	ND	1.0	0.12	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
Naphthalene	ND	1.0	0.10	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
n-Butylbenzene	ND	1.0	0.12	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
n-Propylbenzene	ND	1.0	0.10	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
o-Xylene	ND	1.0	0.14	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
sec-Butylbenzene	ND	1.0	0.042	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
Styrene	ND	1.0	0.047	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506069
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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-10Q-DCN

0506069-02 (Water)

11/17/05 16:50

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
tert-Butylbenzene	ND	1.0	0.10	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
Tetrachloroethene	ND	2.0	0.19	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
Tetrahydrofuran	ND	5.0	1.2	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
Toluene	ND	1.0	0.17	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
trans-1,2-Dichloroethene	ND	1.0	0.14	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.0	0.12	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
Trichloroethene	ND	1.0	0.073	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
Trichlorofluoromethane	ND	1.0	0.19	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
Vinyl chloride	ND	1.0	0.25	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4	*95.6 %*	*Limits: 82-128%*			*B5L0026*	*11/29/05*	*11/29/05*	*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene	*104 %*	*Limits: 76-119%*			*B5L0026*	*11/29/05*	*11/29/05*	*EPA 8260B*	
Surrogate: Dibromofluoromethane	*102 %*	*Limits: 79-127%*			*B5L0026*	*11/29/05*	*11/29/05*	*EPA 8260B*	
Surrogate: Toluene-d8	*104 %*	*Limits: 82-116%*			*B5L0026*	*11/29/05*	*11/29/05*	*EPA 8260B*	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506069
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-1M-PO

0506069-03 (Water)

11/18/05 8:55

Classical Chemistry Parameters

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Total Suspended Solids	**370**	13	3.6	mg/L	B5K0416	11/22/05	11/22/05	EPA 160.2	
Dissolved Organic Carbon	**7.4**	1.5	0.50	mg/L	B5L0100	11/27/05	11/29/05	ASTM D5373	ts
Total Organic Carbon	**9.8**	1.5	0.50	mg/L	B5L0214	12/12/05	12/12/05	EPA 9060	ts

Metals

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Mercury	**13**	2.0	0.11	ug/L	B5K0413	11/22/05	11/23/05	EPA 7470A	

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,2,4-Trichlorobenzene	**33**	5.2	0.34	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
1,2-Dichlorobenzene	**45**	5.2	0.28	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
1,2-Diphenylhydrazine	ND	5.2	0.39	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
1,3-Dichlorobenzene	2.1 J	5.2	0.31	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
1,4-Dichlorobenzene	**120**	26	1.5	ug/L	B5K0407	11/22/05	11/28/05	EPA 8270C	
2,4,5-Trichlorophenol	ND	5.2	0.16	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2,4,6-Trichlorophenol	ND	5.2	0.24	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2,4-Dichlorophenol	ND	10	0.29	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2,4-Dimethylphenol	ND	5.2	0.41	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2,4-Dinitrophenol	ND	5.2	1.0	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	go, gp
2,4-Dinitrotoluene	ND	5.2	0.21	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2,6-Dinitrotoluene	ND	5.2	0.61	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2-Chloronaphthalene	ND	5.2	0.31	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2-Chlorophenol	ND	10	0.65	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2-Methylnaphthalene	**17**	5.2	0.41	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2-Methylphenol	ND	10	2.6	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2-Nitroaniline	ND	5.2	0.48	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2-Nitrophenol	ND	10	0.56	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
3,3-Dichlorobenzidine	ND	5.2	0.56	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
3-/4-Methylphenol	1.5 J	10	0.28	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
3-Nitroaniline	ND	5.2	0.69	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	

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Bloomington, MN 55438
952-995-2000 Phone
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Service Engineering Group	Client Ref:05500	Work Order #: 0506069
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-1M-PO

0506069-03 (Water)

11/18/05 8:55

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
4,6-Dinitro-2-methylphenol	ND	5.2	0.73	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
4-Bromophenyl phenyl ether	ND	5.2	0.25	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
4-Chloro-3-methylphenol	ND	5.2	0.24	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
4-Chloroaniline	ND	5.2	0.61	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	2.1	0.26	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
4-Nitroaniline	ND	5.2	0.35	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
4-Nitrophenol	ND	5.2	0.85	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Acenaphthene	0.98 J	2.1	0.27	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Acenaphthylene	1.5 J	2.1	0.19	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Aniline	ND	5.2	0.91	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Anthracene	1.4 J	2.1	0.22	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Benz(a)anthracene	ND	2.1	0.73	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Benzo(a)pyrene	ND	2.1	0.80	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Benzo(b)fluoranthene	ND	2.1	0.44	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Benzo(g,h,i)perylene	ND	2.1	0.70	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Benzo(k)fluoranthene	ND	2.1	0.78	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Benzyl alcohol	ND	10	0.33	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
bis(2-Chloroethoxy)methane	ND	5.2	0.35	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Bis(2-Chloroethyl)ether	ND	5.2	0.43	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Bis(2-chloroisopropyl)ether	ND	5.2	0.33	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Bis(2-Ethylhexyl)phthalate	ND	5.2	1.6	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Butyl benzyl phthalate	ND	5.2	0.32	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Carbazole	4.8 J	5.2	0.35	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Chrysene	ND	2.1	0.73	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Dibenz(a,h)anthracene	ND	2.1	0.81	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Dibenzofuran	2.8 J	5.2	0.28	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Diethylphthalate	ND	5.2	0.31	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Dimethyl phthalate	ND	5.2	0.22	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Di-n-butyl phthalate	ND	5.2	0.49	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506069
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-1M-PO

0506069-03 (Water)

11/18/05 8:55

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Di-n-octyl phthalate	ND	5.2	0.82	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Fluoranthene	1.3 J	2.1	0.27	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Fluorene	**3.0**	2.1	0.47	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Hexachlorobenzene	ND	5.2	0.25	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Hexachlorobutadiene	ND	5.2	0.32	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Hexachlorocyclopentadiene	ND	5.2	0.29	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Hexachloroethane	ND	5.2	0.36	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Indeno(1,2,3-cd)pyrene	ND	2.1	0.81	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Isophorone	ND	5.2	0.21	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Naphthalene	1.3 J	5.2	0.33	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Nitrobenzene	ND	5.2	0.28	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
N-Nitrosodimethylamine	ND	5.2	0.27	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
N-Nitrosodi-n-propylamine	ND	5.2	0.32	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
N-Nitrosodiphenylamine	0.94 J	5.2	0.32	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Pentachlorophenol	ND	5.2	0.56	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Phenanthrene	**3.4**	2.1	0.21	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Phenol	ND	10	2.2	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Pyrene	0.95 J	2.1	0.52	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Pyridine	ND	10	2.5	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Surrogate: 2,4,6-Tribromophenol	*102 %*	*Limits: 65-100%*			*B5K0407*	*11/22/05*	*11/23/05*	*EPA 8270C*	*vm*
Surrogate: 2-Fluorobiphenyl	*72.6 %*	*Limits: 59-101%*			*B5K0407*	*11/22/05*	*11/23/05*	*EPA 8270C*	
Surrogate: 2-Fluorophenol	*41.7 %*	*Limits: 30-75%*			*B5K0407*	*11/22/05*	*11/23/05*	*EPA 8270C*	
Surrogate: Nitrobenzene-d5	*54.4 %*	*Limits: 57-101%*			*B5K0407*	*11/22/05*	*11/23/05*	*EPA 8270C*	*vn*
Surrogate: Phenol-d6	*37.1 %*	*Limits: 30-75%*			*B5K0407*	*11/22/05*	*11/23/05*	*EPA 8270C*	
Surrogate: Terphenyl-d14	*90.3 %*	*Limits: 65-100%*			*B5K0407*	*11/22/05*	*11/23/05*	*EPA 8270C*	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-1M-PO

0506069-03 (Water)

11/18/05 8:55

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	ug/L	B5L0026	11/29/05	11/30/05	EPA 8260B	
1,1,1-Trichloroethane	ND	1.0	0.050	ug/L	B5L0026	11/29/05	11/30/05	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/L	B5L0026	11/29/05	11/30/05	EPA 8260B	
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	B5L0026	11/29/05	11/30/05	EPA 8260B	
1,1,2-Trichlorotrifluoroethane	ND	1.0	0.12	ug/L	B5L0026	11/29/05	11/30/05	EPA 8260B	
1,1-Dichloroethane	ND	1.0	0.053	ug/L	B5L0026	11/29/05	11/30/05	EPA 8260B	
1,1-Dichloroethene	ND	1.0	0.085	ug/L	B5L0026	11/29/05	11/30/05	EPA 8260B	
1,1-Dichloropropene	ND	1.0	0.073	ug/L	B5L0026	11/29/05	11/30/05	EPA 8260B	
1,2,3-Trichlorobenzene	ND	1.0	0.11	ug/L	B5L0026	11/29/05	11/30/05	EPA 8260B	
1,2,3-Trichloropropane	ND	1.0	0.30	ug/L	B5L0026	11/29/05	11/30/05	EPA 8260B	
1,2,4-Trichlorobenzene	**59**	1.0	0.14	ug/L	B5L0026	11/29/05	11/30/05	EPA 8260B	
1,2,4-Trimethylbenzene	**66**	1.0	0.071	ug/L	B5L0026	11/29/05	11/30/05	EPA 8260B	
1,2-Dibromo-3-chloropropane	ND	1.0	0.41	ug/L	B5L0026	11/29/05	11/30/05	EPA 8260B	
1,2-Dibromoethane	ND	1.0	0.064	ug/L	B5L0026	11/29/05	11/30/05	EPA 8260B	
1,2-Dichlorobenzene	**89**	1.0	0.12	ug/L	B5L0026	11/29/05	11/30/05	EPA 8260B	
1,2-Dichloroethane	ND	1.0	0.053	ug/L	B5L0026	11/29/05	11/30/05	EPA 8260B	
1,2-Dichloropropane	ND	1.0	0.050	ug/L	B5L0026	11/29/05	11/30/05	EPA 8260B	
1,3,5-Trimethylbenzene	**43**	1.0	0.097	ug/L	B5L0026	11/29/05	11/30/05	EPA 8260B	
1,3-Dichlorobenzene	**4.1**	1.0	0.083	ug/L	B5L0026	11/29/05	11/30/05	EPA 8260B	
1,3-Dichloropropane	ND	1.0	0.13	ug/L	B5L0026	11/29/05	11/30/05	EPA 8260B	
1,4-Dichlorobenzene	**180**	10	1.2	ug/L	B5L0026	11/29/05	12/1/05	EPA 8260B	
2,2-Dichloropropane	ND	1.0	0.10	ug/L	B5L0026	11/29/05	11/30/05	EPA 8260B	
2-Butanone (MEK)	ND	10	1.3	ug/L	B5L0026	11/29/05	12/1/05	EPA 8260B	
2-Chlorotoluene	**2.1**	1.0	0.20	ug/L	B5L0026	11/29/05	11/30/05	EPA 8260B	
4-Chlorotoluene	ND	1.0	0.13	ug/L	B5L0026	11/29/05	11/30/05	EPA 8260B	
4-Isopropyltoluene	**3.0**	1.0	0.058	ug/L	B5L0026	11/29/05	11/30/05	EPA 8260B	
Acetone	ND	20	1.5	ug/L	B5L0026	11/29/05	12/1/05	EPA 8260B	
Allyl Chloride	ND	1.0	0.26	ug/L	B5L0026	11/29/05	11/30/05	EPA 8260B	
Benzene	**20**	1.0	0.045	ug/L	B5L0026	11/29/05	11/30/05	EPA 8260B	

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675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-1M-PO

0506069-03 (Water)

11/18/05 8:55

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Bromobenzene	ND	1.0	0.15	ug/L	B5L0026	11/29/05	11/30/05	EPA 8260B	
Bromochloromethane	ND	1.0	0.21	ug/L	B5L0026	11/29/05	11/30/05	EPA 8260B	
Bromodichloromethane	ND	1.0	0.11	ug/L	B5L0026	11/29/05	11/30/05	EPA 8260B	
Bromoform	ND	5.0	0.13	ug/L	B5L0026	11/29/05	11/30/05	EPA 8260B	
Bromomethane	ND	1.0	0.14	ug/L	B5L0026	11/29/05	11/30/05	EPA 8260B	
Carbon Tetrachloride	ND	1.0	0.057	ug/L	B5L0026	11/29/05	11/30/05	EPA 8260B	
Chlorobenzene	**120**	10	0.42	ug/L	B5L0026	11/29/05	12/1/05	EPA 8260B	
Chlorodibromomethane	ND	1.0	0.028	ug/L	B5L0026	11/29/05	11/30/05	EPA 8260B	
Chloroethane	ND	1.0	0.11	ug/L	B5L0026	11/29/05	11/30/05	EPA 8260B	
Chloroform	ND	1.0	0.12	ug/L	B5L0026	11/29/05	11/30/05	EPA 8260B	
Chloromethane	**1.7**	1.0	0.20	ug/L	B5L0026	11/29/05	11/30/05	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.0	0.10	ug/L	B5L0026	11/29/05	11/30/05	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.0	0.041	ug/L	B5L0026	11/29/05	11/30/05	EPA 8260B	
Dibromomethane	ND	1.0	0.20	ug/L	B5L0026	11/29/05	11/30/05	EPA 8260B	
Dichlorodifluoromethane	ND	1.0	0.13	ug/L	B5L0026	11/29/05	11/30/05	EPA 8260B	
Dichlorofluoromethane	ND	1.0	0.10	ug/L	B5L0026	11/29/05	11/30/05	EPA 8260B	
Ethyl Ether	ND	1.0	0.31	ug/L	B5L0026	11/29/05	11/30/05	EPA 8260B	
Ethylbenzene	**7.7**	1.0	0.10	ug/L	B5L0026	11/29/05	11/30/05	EPA 8260B	
Hexachlorobutadiene	ND	2.0	0.24	ug/L	B5L0026	11/29/05	11/30/05	EPA 8260B	
Isopropylbenzene	**12**	1.0	0.064	ug/L	B5L0026	11/29/05	11/30/05	EPA 8260B	
m,p-Xylenes	**130**	1.0	0.13	ug/L	B5L0026	11/29/05	11/30/05	EPA 8260B	
Methyl Isobutyl Ketone	ND	5.0	0.42	ug/L	B5L0026	11/29/05	11/30/05	EPA 8260B	
Methylene chloride	ND	5.0	0.63	ug/L	B5L0026	11/29/05	11/30/05	EPA 8260B	
Methyl-t-butyl ether	ND	1.0	0.12	ug/L	B5L0026	11/29/05	11/30/05	EPA 8260B	
Naphthalene	**46**	1.0	0.10	ug/L	B5L0026	11/29/05	11/30/05	EPA 8260B	
n-Butylbenzene	ND	1.0	0.12	ug/L	B5L0026	11/29/05	11/30/05	EPA 8260B	
n-Propylbenzene	**1.4**	1.0	0.10	ug/L	B5L0026	11/29/05	11/30/05	EPA 8260B	
o-Xylene	**39**	1.0	0.14	ug/L	B5L0026	11/29/05	11/30/05	EPA 8260B	
sec-Butylbenzene	**22**	1.0	0.042	ug/L	B5L0026	11/29/05	11/30/05	EPA 8260B	
Styrene	**4.0**	1.0	0.047	ug/L	B5L0026	11/29/05	11/30/05	EPA 8260B	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-1M-PO

0506069-03 (Water)

11/18/05 8:55

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
tert-Butylbenzene	**1.6**	1.0	0.10	ug/L	B5L0026	11/29/05	11/30/05	EPA 8260B	
Tetrachloroethene	ND	2.0	0.19	ug/L	B5L0026	11/29/05	11/30/05	EPA 8260B	
Tetrahydrofuran	ND	5.0	1.2	ug/L	B5L0026	11/29/05	11/30/05	EPA 8260B	
Toluene	**31**	1.0	0.17	ug/L	B5L0026	11/29/05	11/30/05	EPA 8260B	
trans-1,2-Dichloroethene	ND	1.0	0.14	ug/L	B5L0026	11/29/05	11/30/05	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.0	0.12	ug/L	B5L0026	11/29/05	11/30/05	EPA 8260B	
Trichloroethene	ND	1.0	0.073	ug/L	B5L0026	11/29/05	11/30/05	EPA 8260B	
Trichlorofluoromethane	ND	1.0	0.19	ug/L	B5L0026	11/29/05	11/30/05	EPA 8260B	
Vinyl chloride	ND	1.0	0.25	ug/L	B5L0026	11/29/05	11/30/05	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4	*96.0 %*	*Limits: 82-128%*			*B5L0026*	*11/29/05*	*11/30/05*	*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene	*112 %*	*Limits: 76-119%*			*B5L0026*	*11/29/05*	*11/30/05*	*EPA 8260B*	
Surrogate: Dibromofluoromethane	*102 %*	*Limits: 79-127%*			*B5L0026*	*11/29/05*	*11/30/05*	*EPA 8260B*	
Surrogate: Toluene-d8	*103 %*	*Limits: 82-116%*			*B5L0026*	*11/29/05*	*11/30/05*	*EPA 8260B*	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Trip Blank

0506069-04 (Water)

11/18/05 0:00

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
1,1,1-Trichloroethane	ND	1.0	0.050	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
1,1,2-Trichlorotrifluoroethane	ND	1.0	0.12	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
1,1-Dichloroethane	ND	1.0	0.053	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
1,1-Dichloroethene	ND	1.0	0.085	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
1,1-Dichloropropene	ND	1.0	0.073	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
1,2,3-Trichlorobenzene	ND	1.0	0.11	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
1,2,3-Trichloropropane	ND	1.0	0.30	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
1,2,4-Trichlorobenzene	ND	1.0	0.14	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
1,2,4-Trimethylbenzene	ND	1.0	0.071	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
1,2-Dibromo-3-chloropropane	ND	1.0	0.41	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
1,2-Dibromoethane	ND	1.0	0.064	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
1,2-Dichlorobenzene	ND	1.0	0.12	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
1,2-Dichloroethane	ND	1.0	0.053	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
1,2-Dichloropropane	ND	1.0	0.050	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
1,3,5-Trimethylbenzene	ND	1.0	0.097	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
1,3-Dichlorobenzene	ND	1.0	0.083	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
1,3-Dichloropropane	ND	1.0	0.13	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
1,4-Dichlorobenzene	ND	1.0	0.12	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
2,2-Dichloropropane	ND	1.0	0.10	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
2-Butanone (MEK)	ND	10	1.3	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
2-Chlorotoluene	ND	1.0	0.20	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
4-Chlorotoluene	ND	1.0	0.13	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
4-Isopropyltoluene	ND	1.0	0.058	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
Acetone	ND	20	1.5	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
Allyl Chloride	ND	1.0	0.26	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	

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11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
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Service Engineering Group	Client Ref:05500	Work Order #: 0506069
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Trip Blank

0506069-04 (Water)

11/18/05 0:00

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	0.045	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
Bromobenzene	ND	1.0	0.15	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
Bromochloromethane	ND	1.0	0.21	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
Bromodichloromethane	ND	1.0	0.11	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
Bromoform	ND	5.0	0.13	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
Bromomethane	ND	1.0	0.14	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
Carbon Tetrachloride	ND	1.0	0.057	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
Chlorobenzene	ND	1.0	0.042	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
Chlorodibromomethane	ND	1.0	0.028	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
Chloroethane	ND	1.0	0.11	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
Chloroform	ND	1.0	0.12	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
Chloromethane	ND	1.0	0.20	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.0	0.10	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.0	0.041	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
Dibromomethane	ND	1.0	0.20	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
Dichlorodifluoromethane	ND	1.0	0.13	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
Dichlorofluoromethane	ND	1.0	0.10	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
Ethyl Ether	ND	1.0	0.31	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
Ethylbenzene	ND	1.0	0.10	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
Hexachlorobutadiene	ND	2.0	0.24	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
Isopropylbenzene	ND	1.0	0.064	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
m,p-Xylenes	ND	1.0	0.13	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
Methyl Isobutyl Ketone	ND	5.0	0.42	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
Methylene chloride	ND	5.0	0.63	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
Methyl-t-butyl ether	ND	1.0	0.12	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
Naphthalene	ND	1.0	0.10	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
n-Butylbenzene	ND	1.0	0.12	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
n-Propylbenzene	ND	1.0	0.10	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506069
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Trip Blank

0506069-04 (Water)

11/18/05 0:00

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
o-Xylene	ND	1.0	0.14	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
sec-Butylbenzene	ND	1.0	0.042	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
Styrene	ND	1.0	0.047	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
tert-Butylbenzene	ND	1.0	0.10	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
Tetrachloroethene	ND	2.0	0.19	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
Tetrahydrofuran	ND	5.0	1.2	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
Toluene	ND	1.0	0.17	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
trans-1,2-Dichloroethene	ND	1.0	0.14	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.0	0.12	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
Trichloroethene	ND	1.0	0.073	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
Trichlorofluoromethane	ND	1.0	0.19	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
Vinyl chloride	ND	1.0	0.25	ug/L	B5L0026	11/29/05	11/29/05	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4	*96.0 %*	*Limits: 82-128%*			*B5L0026*	*11/29/05*	*11/29/05*	*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene	*105 %*	*Limits: 76-119%*			*B5L0026*	*11/29/05*	*11/29/05*	*EPA 8260B*	
Surrogate: Dibromofluoromethane	*101 %*	*Limits: 79-127%*			*B5L0026*	*11/29/05*	*11/29/05*	*EPA 8260B*	
Surrogate: Toluene-d8	*105 %*	*Limits: 82-116%*			*B5L0026*	*11/29/05*	*11/29/05*	*EPA 8260B*	

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675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Classical Chemistry Parameters - Quality Control

Batch B5K0416 - Default Prep GenChem

Method Blank (B5K0416-BLK1) Prepared & Analyzed: 11/22/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Suspended Solids	ND	5.0	3.6	mg/L	NA	NA	NA	NA	NA	NA	

Laboratory Control Sample (B5K0416-BS1) Prepared & Analyzed: 11/22/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Suspended Solids	209			mg/L	250	NA	83.6	80-120	NA	NA	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Metals - Quality Control

Batch B5K0413 - EPA 7470A

Method Blank (B5K0413-BLK1) Prepared: 11/22/05 Analyzed: 11/23/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	ND	0.20	0.011	ug/L	NA	NA	NA	NA	NA	NA	

Laboratory Control Sample (B5K0413-BS1) Prepared: 11/22/05 Analyzed: 11/23/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	2.60	0.20	0.011	ug/L	2.50	NA	104	85-115	NA	NA	

Laboratory Control Sample Duplicate (B5K0413-BSD1) Prepared: 11/22/05 Analyzed: 11/23/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	2.63	0.20	0.011	ug/L	2.50	NA	105	85-115	1.15	20	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5K0407 - EPA 3510C

Method Blank (B5K0407-BLK1) Prepared: 11/22/05 Analyzed: 11/23/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	ND	5.0	0.33	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	ND	5.0	0.27	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Diphenylhydrazine	ND	5.0	0.37	ug/L	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	ND	5.0	0.30	ug/L	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	ND	5.0	0.29	ug/L	NA	NA	NA	NA	NA	NA	
2,4,5-Trichlorophenol	ND	5.0	0.15	ug/L	NA	NA	NA	NA	NA	NA	
2,4,6-Trichlorophenol	ND	5.0	0.23	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dichlorophenol	ND	10	0.28	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dimethylphenol	ND	5.0	0.40	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dinitrophenol	ND	5.0	0.96	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dinitrotoluene	ND	5.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
2,6-Dinitrotoluene	ND	5.0	0.58	ug/L	NA	NA	NA	NA	NA	NA	
2-Chloronaphthalene	ND	5.0	0.30	ug/L	NA	NA	NA	NA	NA	NA	
2-Chlorophenol	ND	10	0.63	ug/L	NA	NA	NA	NA	NA	NA	
2-Methylnaphthalene	ND	5.0	0.39	ug/L	NA	NA	NA	NA	NA	NA	
2-Methylphenol	ND	10	2.5	ug/L	NA	NA	NA	NA	NA	NA	
2-Nitroaniline	ND	5.0	0.46	ug/L	NA	NA	NA	NA	NA	NA	
2-Nitrophenol	ND	10	0.54	ug/L	NA	NA	NA	NA	NA	NA	
3,3-Dichlorobenzidine	ND	5.0	0.54	ug/L	NA	NA	NA	NA	NA	NA	
3-/4-Methylphenol	ND	10	0.28	ug/L	NA	NA	NA	NA	NA	NA	
3-Nitroaniline	ND	5.0	0.66	ug/L	NA	NA	NA	NA	NA	NA	
4,6-Dinitro-2-methylphenol	ND	5.0	0.70	ug/L	NA	NA	NA	NA	NA	NA	
4-Bromophenyl phenyl ether	ND	5.0	0.24	ug/L	NA	NA	NA	NA	NA	NA	
4-Chloro-3-methylphenol	ND	5.0	0.23	ug/L	NA	NA	NA	NA	NA	NA	
4-Chloroaniline	ND	5.0	0.59	ug/L	NA	NA	NA	NA	NA	NA	
4-Chlorophenyl phenyl ether	ND	2.0	0.25	ug/L	NA	NA	NA	NA	NA	NA	
4-Nitroaniline	ND	5.0	0.34	ug/L	NA	NA	NA	NA	NA	NA	
4-Nitrophenol	ND	5.0	0.82	ug/L	NA	NA	NA	NA	NA	NA	
Acenaphthene	ND	2.0	0.26	ug/L	NA	NA	NA	NA	NA	NA	
Acenaphthylene	ND	2.0	0.19	ug/L	NA	NA	NA	NA	NA	NA	
Aniline	ND	5.0	0.88	ug/L	NA	NA	NA	NA	NA	NA	
Anthracene	ND	2.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Benz(a)anthracene	ND	2.0	0.71	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(a)pyrene	ND	2.0	0.77	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(b)fluoranthene	ND	2.0	0.42	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(g,h,i)perylene	ND	2.0	0.67	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(k)fluoranthene	ND	2.0	0.75	ug/L	NA	NA	NA	NA	NA	NA	
Benzyl alcohol	ND	10	0.32	ug/L	NA	NA	NA	NA	NA	NA	
bis(2-Chloroethoxy)methane	ND	5.0	0.34	ug/L	NA	NA	NA	NA	NA	NA	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5K0407 - EPA 3510C

Method Blank (B5K0407-BLK1) Prepared: 11/22/05 Analyzed: 11/23/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Bis(2-Chloroethyl)ether	ND	5.0	0.42	ug/L	NA	NA	NA	NA	NA	NA	
Bis(2-chloroisopropyl)ether	ND	5.0	0.32	ug/L	NA	NA	NA	NA	NA	NA	
Bis(2-Ethylhexyl)phthalate	ND	5.0	1.5	ug/L	NA	NA	NA	NA	NA	NA	
Butyl benzyl phthalate	ND	5.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
Carbazole	ND	5.0	0.34	ug/L	NA	NA	NA	NA	NA	NA	
Chrysene	ND	2.0	0.70	ug/L	NA	NA	NA	NA	NA	NA	
Dibenz(a,h)anthracene	ND	2.0	0.78	ug/L	NA	NA	NA	NA	NA	NA	
Dibenzofuran	ND	5.0	0.27	ug/L	NA	NA	NA	NA	NA	NA	
Diethylphthalate	ND	5.0	0.30	ug/L	NA	NA	NA	NA	NA	NA	
Dimethyl phthalate	ND	5.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Di-n-butyl phthalate	ND	5.0	0.47	ug/L	NA	NA	NA	NA	NA	NA	
Di-n-octyl phthalate	ND	5.0	0.80	ug/L	NA	NA	NA	NA	NA	NA	
Fluoranthene	ND	2.0	0.26	ug/L	NA	NA	NA	NA	NA	NA	
Fluorene	ND	2.0	0.46	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorobenzene	ND	5.0	0.24	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorobutadiene	ND	5.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorocyclopentadiene	ND	5.0	0.28	ug/L	NA	NA	NA	NA	NA	NA	
Hexachloroethane	ND	5.0	0.35	ug/L	NA	NA	NA	NA	NA	NA	
Indeno(1,2,3-cd)pyrene	ND	2.0	0.78	ug/L	NA	NA	NA	NA	NA	NA	
Isophorone	ND	5.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Naphthalene	ND	5.0	0.32	ug/L	NA	NA	NA	NA	NA	NA	
Nitrobenzene	ND	5.0	0.27	ug/L	NA	NA	NA	NA	NA	NA	
N-Nitrosodimethylamine	ND	5.0	0.26	ug/L	NA	NA	NA	NA	NA	NA	
N-Nitrosodi-n-propylamine	ND	5.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
N-Nitrosodiphenylamine	ND	5.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
Pentachlorophenol	ND	5.0	0.54	ug/L	NA	NA	NA	NA	NA	NA	
Phenanthrene	ND	2.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Phenol	ND	10	2.1	ug/L	NA	NA	NA	NA	NA	NA	
Pyrene	ND	2.0	0.50	ug/L	NA	NA	NA	NA	NA	NA	
Pyridine	ND	10	2.4	ug/L	NA	NA	NA	NA	NA	NA	
Surrogate: 2,4,6-Tribromophenol	*50.5*			ug/L	*50.0*	*NA*	*101*	*65-100*			*vm*
Surrogate: 2-Fluorobiphenyl	*21.0*			ug/L	*25.0*	*NA*	*84.0*	*59-101*			
Surrogate: 2-Fluorophenol	*21.2*			ug/L	*50.0*	*NA*	*42.4*	*30-75*			
Surrogate: Nitrobenzene-d5	*17.3*			ug/L	*25.0*	*NA*	*69.2*	*57-101*			
Surrogate: Phenol-d6	*18.5*			ug/L	*50.0*	*NA*	*37.0*	*30-75*			
Surrogate: Terphenyl-d14	*22.7*			ug/L	*25.0*	*NA*	*90.8*	*65-100*			

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5K0407 - EPA 3510C

Laboratory Control Sample (B5K0407-BS1) Prepared: 11/22/05 Analyzed: 11/23/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	34.8	5.0	0.33	ug/L	50.0	NA	69.6	30-120	NA	NA	
1,4-Dichlorobenzene	34.1	5.0	0.29	ug/L	50.0	NA	68.2	40-110	NA	NA	
2,4-Dinitrophenol	29.9	5.0	0.96	ug/L	50.0	NA	59.8	60-120	NA	NA	
2-Chlorophenol	32.4	10	0.63	ug/L	50.0	NA	64.8	40-100	NA	NA	
4-Chloro-3-methylphenol	37.3	5.0	0.23	ug/L	50.0	NA	74.6	50-110	NA	NA	
4-Nitrophenol	24.4	5.0	0.82	ug/L	50.0	NA	48.8	30-80	NA	NA	
Acenaphthene	39.5	2.0	0.26	ug/L	50.0	NA	79.0	50-110	NA	NA	
N-Nitrosodi-n-propylamine	40.7	5.0	0.31	ug/L	50.0	NA	81.4	45-120	NA	NA	
Pentachlorophenol	45.1	5.0	0.54	ug/L	50.0	NA	90.2	45-115	NA	NA	
Phenol	19.6	10	2.1	ug/L	50.0	NA	39.2	30-80	NA	NA	
Pyrene	47.8	2.0	0.50	ug/L	50.0	NA	95.6	55-120	NA	NA	
Surrogate: 2,4,6-Tribromophenol	*49.3*			ug/L	*50.0*	*NA*	*98.6*	*65-100*			
Surrogate: 2-Fluorobiphenyl	*19.0*			ug/L	*25.0*	*NA*	*76.0*	*59-101*			
Surrogate: 2-Fluorophenol	*21.7*			ug/L	*50.0*	*NA*	*43.4*	*30-75*			
Surrogate: Nitrobenzene-d5	*16.2*			ug/L	*25.0*	*NA*	*64.8*	*57-101*			
Surrogate: Phenol-d6	*18.7*			ug/L	*50.0*	*NA*	*37.4*	*30-75*			
Surrogate: Terphenyl-d14	*23.2*			ug/L	*25.0*	*NA*	*92.8*	*65-100*			

Laboratory Control Sample Duplicate (B5K0407-BSD1) Prepared: 11/22/05 Analyzed: 11/23/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	33.7	5.0	0.33	ug/L	50.0	NA	67.4	30-120	3.21	20	
1,4-Dichlorobenzene	31.1	5.0	0.29	ug/L	50.0	NA	62.2	40-110	9.20	20	
2,4-Dinitrophenol	36.6	5.0	0.96	ug/L	50.0	NA	73.2	60-120	20.2	20	
2-Chlorophenol	30.9	10	0.63	ug/L	50.0	NA	61.8	40-100	4.74	20	
4-Chloro-3-methylphenol	36.7	5.0	0.23	ug/L	50.0	NA	73.4	50-110	1.62	20	
4-Nitrophenol	25.6	5.0	0.82	ug/L	50.0	NA	51.2	30-80	4.80	20	
Acenaphthene	39.2	2.0	0.26	ug/L	50.0	NA	78.4	50-110	0.762	20	
N-Nitrosodi-n-propylamine	39.2	5.0	0.31	ug/L	50.0	NA	78.4	45-120	3.75	20	
Pentachlorophenol	45.7	5.0	0.54	ug/L	50.0	NA	91.4	45-115	1.32	20	
Phenol	19.3	10	2.1	ug/L	50.0	NA	38.6	30-80	1.54	20	
Pyrene	46.0	2.0	0.50	ug/L	50.0	NA	92.0	55-120	3.84	20	
Surrogate: 2,4,6-Tribromophenol	*50.8*			ug/L	*50.0*	*NA*	*102*	*65-100*			
Surrogate: 2-Fluorobiphenyl	*18.9*			ug/L	*25.0*	*NA*	*75.6*	*59-101*			
Surrogate: 2-Fluorophenol	*21.1*			ug/L	*50.0*	*NA*	*42.2*	*30-75*			
Surrogate: Nitrobenzene-d5	*16.9*			ug/L	*25.0*	*NA*	*67.6*	*57-101*			
Surrogate: Phenol-d6	*19.2*			ug/L	*50.0*	*NA*	*38.4*	*30-75*			
Surrogate: Terphenyl-d14	*23.2*			ug/L	*25.0*	*NA*	*92.8*	*65-100*			

BRAUN INTERTEC

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Service Engineering Group	Client Ref:05500	Work Order #: 0506069
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0026 - EPA 5030B

Method Blank (B5L0026-BLK1) Prepared & Analyzed: 11/29/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
1,1,1-Trichloroethane	ND	1.0	0.050	ug/L	NA	NA	NA	NA	NA	NA	
1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/L	NA	NA	NA	NA	NA	NA	
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
1,1,2-Trichlorotrifluoroethane	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
1,1-Dichloroethane	ND	1.0	0.053	ug/L	NA	NA	NA	NA	NA	NA	
1,1-Dichloroethene	ND	1.0	0.085	ug/L	NA	NA	NA	NA	NA	NA	
1,1-Dichloropropene	ND	1.0	0.073	ug/L	NA	NA	NA	NA	NA	NA	
1,2,3-Trichlorobenzene	ND	1.0	0.11	ug/L	NA	NA	NA	NA	NA	NA	
1,2,3-Trichloropropane	ND	1.0	0.30	ug/L	NA	NA	NA	NA	NA	NA	
1,2,4-Trichlorobenzene	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
1,2,4-Trimethylbenzene	ND	1.0	0.071	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dibromo-3-chloropropane	ND	1.0	0.41	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dibromoethane	ND	1.0	0.064	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichloroethane	ND	1.0	0.053	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichloropropane	ND	1.0	0.050	ug/L	NA	NA	NA	NA	NA	NA	
1,3,5-Trimethylbenzene	ND	1.0	0.097	ug/L	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	ND	1.0	0.083	ug/L	NA	NA	NA	NA	NA	NA	
1,3-Dichloropropane	ND	1.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
2,2-Dichloropropane	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
2-Butanone (MEK)	ND	10	1.3	ug/L	NA	NA	NA	NA	NA	NA	
2-Chlorotoluene	ND	1.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
4-Chlorotoluene	ND	1.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
4-Isopropyltoluene	ND	1.0	0.058	ug/L	NA	NA	NA	NA	NA	NA	
Acetone	ND	20	1.5	ug/L	NA	NA	NA	NA	NA	NA	
Allyl Chloride	ND	1.0	0.26	ug/L	NA	NA	NA	NA	NA	NA	
Benzene	ND	1.0	0.045	ug/L	NA	NA	NA	NA	NA	NA	
Bromobenzene	ND	1.0	0.15	ug/L	NA	NA	NA	NA	NA	NA	
Bromochloromethane	ND	1.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Bromodichloromethane	ND	1.0	0.11	ug/L	NA	NA	NA	NA	NA	NA	
Bromoform	ND	5.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
Bromomethane	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
Carbon Tetrachloride	ND	1.0	0.057	ug/L	NA	NA	NA	NA	NA	NA	
Chlorobenzene	ND	1.0	0.042	ug/L	NA	NA	NA	NA	NA	NA	
Chlorodibromomethane	ND	1.0	0.028	ug/L	NA	NA	NA	NA	NA	NA	
Chloroethane	ND	1.0	0.11	ug/L	NA	NA	NA	NA	NA	NA	
Chloroform	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	

The results in this report apply only to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Service Engineering Group	Client Ref:05500	Work Order #: 0506069
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0026 - EPA 5030B

Method Blank (B5L0026-BLK1) Prepared & Analyzed: 11/29/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	ND	1.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
cis-1,2-Dichloroethene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
cis-1,3-Dichloropropene	ND	1.0	0.041	ug/L	NA	NA	NA	NA	NA	NA	
Dibromomethane	ND	1.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
Dichlorodifluoromethane	ND	1.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
Dichlorofluoromethane	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
Ethyl Ether	ND	1.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
Ethylbenzene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorobutadiene	ND	2.0	0.24	ug/L	NA	NA	NA	NA	NA	NA	
Isopropylbenzene	ND	1.0	0.064	ug/L	NA	NA	NA	NA	NA	NA	
m,p-Xylenes	ND	1.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
Methyl Isobutyl Ketone	ND	5.0	0.42	ug/L	NA	NA	NA	NA	NA	NA	
Methylene chloride	ND	5.0	0.63	ug/L	NA	NA	NA	NA	NA	NA	
Methyl-t-butyl ether	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
Naphthalene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
n-Butylbenzene	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
n-Propylbenzene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
o-Xylene	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
sec-Butylbenzene	ND	1.0	0.042	ug/L	NA	NA	NA	NA	NA	NA	
Styrene	ND	1.0	0.047	ug/L	NA	NA	NA	NA	NA	NA	
tert-Butylbenzene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
Tetrachloroethene	ND	2.0	0.19	ug/L	NA	NA	NA	NA	NA	NA	
Tetrahydrofuran	ND	5.0	1.2	ug/L	NA	NA	NA	NA	NA	NA	
Toluene	ND	1.0	0.17	ug/L	NA	NA	NA	NA	NA	NA	
trans-1,2-Dichloroethene	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
trans-1,3-Dichloropropene	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
Trichloroethene	ND	1.0	0.073	ug/L	NA	NA	NA	NA	NA	NA	
Trichlorofluoromethane	ND	1.0	0.19	ug/L	NA	NA	NA	NA	NA	NA	
Vinyl chloride	ND	1.0	0.25	ug/L	NA	NA	NA	NA	NA	NA	
Surrogate: 1,2-Dichloroethane-d4	*24.1*			ug/L	*25.0*	*NA*	*96.4*	*82-128*			
Surrogate: 4-Bromofluorobenzene	*26.3*			ug/L	*25.0*	*NA*	*105*	*76-119*			
Surrogate: Dibromofluoromethane	*25.6*			ug/L	*25.0*	*NA*	*102*	*79-127*			
Surrogate: Toluene-d8	*26.2*			ug/L	*25.0*	*NA*	*105*	*82-116*			

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Service Engineering Group	Client Ref:05500	Work Order #: 0506069
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0026 - EPA 5030B

Laboratory Control Sample (B5L0026-BS1) Prepared & Analyzed: 11/29/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	28.1	1.0	0.14	ug/L	25.0	NA	112	80-120	NA	NA	
1,1,1-Trichloroethane	25.8	1.0	0.050	ug/L	25.0	NA	103	80-120	NA	NA	
1,1,2,2-Tetrachloroethane	26.9	1.0	0.23	ug/L	25.0	NA	108	80-120	NA	NA	
1,1,2-Trichloroethane	26.5	1.0	0.20	ug/L	25.0	NA	106	80-120	NA	NA	
1,1,2-Trichlorotrifluoroethane	28.3	1.0	0.12	ug/L	25.0	NA	113	80-120	NA	NA	
1,1-Dichloroethane	25.0	1.0	0.053	ug/L	25.0	NA	100	80-120	NA	NA	
1,1-Dichloroethene	28.2	1.0	0.085	ug/L	25.0	NA	113	80-120	NA	NA	
1,1-Dichloropropene	25.9	1.0	0.073	ug/L	25.0	NA	104	80-120	NA	NA	
1,2,3-Trichlorobenzene	28.0	1.0	0.11	ug/L	25.0	NA	112	80-120	NA	NA	
1,2,3-Trichloropropane	27.0	1.0	0.30	ug/L	25.0	NA	108	80-120	NA	NA	
1,2,4-Trichlorobenzene	27.0	1.0	0.14	ug/L	25.0	NA	108	80-120	NA	NA	
1,2,4-Trimethylbenzene	25.6	1.0	0.071	ug/L	25.0	NA	102	80-120	NA	NA	
1,2-Dibromo-3-chloropropane	28.0	1.0	0.41	ug/L	25.0	NA	112	80-120	NA	NA	
1,2-Dibromoethane	27.8	1.0	0.064	ug/L	25.0	NA	111	80-120	NA	NA	
1,2-Dichlorobenzene	25.6	1.0	0.12	ug/L	25.0	NA	102	80-120	NA	NA	
1,2-Dichloroethane	24.2	1.0	0.053	ug/L	25.0	NA	96.8	80-120	NA	NA	
1,2-Dichloropropane	23.1	1.0	0.050	ug/L	25.0	NA	92.4	80-120	NA	NA	
1,3,5-Trimethylbenzene	25.5	1.0	0.097	ug/L	25.0	NA	102	80-120	NA	NA	
1,3-Dichlorobenzene	25.5	1.0	0.083	ug/L	25.0	NA	102	80-120	NA	NA	
1,3-Dichloropropane	25.8	1.0	0.13	ug/L	25.0	NA	103	80-120	NA	NA	
1,4-Dichlorobenzene	25.5	1.0	0.12	ug/L	25.0	NA	102	80-120	NA	NA	
2,2-Dichloropropane	26.0	1.0	0.10	ug/L	25.0	NA	104	80-120	NA	NA	
2-Butanone (MEK)	27.4	10	1.3	ug/L	25.0	NA	110	80-120	NA	NA	
2-Chlorotoluene	25.4	1.0	0.20	ug/L	25.0	NA	102	80-120	NA	NA	
4-Chlorotoluene	25.6	1.0	0.13	ug/L	25.0	NA	102	80-120	NA	NA	
4-Isopropyltoluene	26.4	1.0	0.058	ug/L	25.0	NA	106	80-120	NA	NA	
Acetone	25.1	20	1.5	ug/L	25.0	NA	100	80-120	NA	NA	
Allyl Chloride	26.8	1.0	0.26	ug/L	25.0	NA	107	80-120	NA	NA	
Benzene	24.4	1.0	0.045	ug/L	25.0	NA	97.6	80-120	NA	NA	
Bromobenzene	25.1	1.0	0.15	ug/L	25.0	NA	100	80-120	NA	NA	
Bromochloromethane	27.7	1.0	0.21	ug/L	25.0	NA	111	80-120	NA	NA	
Bromodichloromethane	24.3	1.0	0.11	ug/L	25.0	NA	97.2	80-120	NA	NA	
Bromoform	26.1	5.0	0.13	ug/L	25.0	NA	104	80-120	NA	NA	
Bromomethane	24.5	1.0	0.14	ug/L	25.0	NA	98.0	80-120	NA	NA	
Carbon Tetrachloride	25.4	1.0	0.057	ug/L	25.0	NA	102	80-120	NA	NA	
Chlorobenzene	27.6	1.0	0.042	ug/L	25.0	NA	110	80-120	NA	NA	
Chlorodibromomethane	28.9	1.0	0.028	ug/L	25.0	NA	116	80-120	NA	NA	
Chloroethane	24.5	1.0	0.11	ug/L	25.0	NA	98.0	80-120	NA	NA	
Chloroform	25.5	1.0	0.12	ug/L	25.0	NA	102	80-120	NA	NA	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506069
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0026 - EPA 5030B

Laboratory Control Sample (B5L0026-BS1) Prepared & Analyzed: 11/29/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	24.1	1.0	0.20	ug/L	25.0	NA	96.4	80-120	NA	NA	
cis-1,2-Dichloroethene	26.8	1.0	0.10	ug/L	25.0	NA	107	80-120	NA	NA	
cis-1,3-Dichloropropene	24.5	1.0	0.041	ug/L	25.0	NA	98.0	80-120	NA	NA	
Dibromomethane	23.7	1.0	0.20	ug/L	25.0	NA	94.8	80-120	NA	NA	
Dichlorodifluoromethane	26.1	1.0	0.13	ug/L	25.0	NA	104	80-120	NA	NA	
Dichlorofluoromethane	24.0	1.0	0.10	ug/L	25.0	NA	96.0	80-120	NA	NA	
Ethyl Ether	23.7	1.0	0.31	ug/L	25.0	NA	94.8	80-120	NA	NA	
Ethylbenzene	27.2	1.0	0.10	ug/L	25.0	NA	109	80-120	NA	NA	
Hexachlorobutadiene	25.8	2.0	0.24	ug/L	25.0	NA	103	80-120	NA	NA	
Isopropylbenzene	27.6	1.0	0.064	ug/L	25.0	NA	110	80-120	NA	NA	
m,p-Xylenes	54.1	1.0	0.13	ug/L	50.0	NA	108	80-120	NA	NA	
Methyl Isobutyl Ketone	23.9	5.0	0.42	ug/L	25.0	NA	95.6	80-120	NA	NA	
Methylene chloride	25.4	5.0	0.63	ug/L	25.0	NA	102	80-120	NA	NA	
Methyl-t-butyl ether	25.9	1.0	0.12	ug/L	25.0	NA	104	80-120	NA	NA	
Naphthalene	28.2	1.0	0.10	ug/L	25.0	NA	113	80-120	NA	NA	
n-Butylbenzene	25.6	1.0	0.12	ug/L	25.0	NA	102	80-120	NA	NA	
n-Propylbenzene	25.7	1.0	0.10	ug/L	25.0	NA	103	80-120	NA	NA	
o-Xylene	27.1	1.0	0.14	ug/L	25.0	NA	108	80-120	NA	NA	
sec-Butylbenzene	26.2	1.0	0.042	ug/L	25.0	NA	105	80-120	NA	NA	
Styrene	28.2	1.0	0.047	ug/L	25.0	NA	113	80-120	NA	NA	
tert-Butylbenzene	26.0	1.0	0.10	ug/L	25.0	NA	104	80-120	NA	NA	
Tetrachloroethene	26.7	2.0	0.19	ug/L	25.0	NA	107	80-120	NA	NA	
Tetrahydrofuran	23.3	5.0	1.2	ug/L	25.0	NA	93.2	80-120	NA	NA	
Toluene	25.8	1.0	0.17	ug/L	25.0	NA	103	80-120	NA	NA	
trans-1,2-Dichloroethene	26.9	1.0	0.14	ug/L	25.0	NA	108	80-120	NA	NA	
trans-1,3-Dichloropropene	24.6	1.0	0.12	ug/L	25.0	NA	98.4	80-120	NA	NA	
Trichloroethene	25.8	1.0	0.073	ug/L	25.0	NA	103	80-120	NA	NA	
Trichlorofluoromethane	25.6	1.0	0.19	ug/L	25.0	NA	102	80-120	NA	NA	
Vinyl chloride	23.8	1.0	0.25	ug/L	25.0	NA	95.2	80-120	NA	NA	
Surrogate: 1,2-Dichloroethane-d4	*23.4*			ug/L	*25.0*	*NA*	*93.6*	*82-128*			
Surrogate: 4-Bromofluorobenzene	*26.6*			ug/L	*25.0*	*NA*	*106*	*76-119*			
Surrogate: Dibromofluoromethane	*26.0*			ug/L	*25.0*	*NA*	*104*	*79-127*			
Surrogate: Toluene-d8	*26.2*			ug/L	*25.0*	*NA*	*105*	*82-116*			

BRAUN INTERTEC

11001 Hampshire Ave. S.
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952-995-2000 Phone
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Service Engineering Group	Client Ref:05500	Work Order #: 0506069
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0026 - EPA 5030B

Laboratory Control Sample Duplicate (B5L0026-BSD1) Prepared & Analyzed: 11/29/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	28.0	1.0	0.14	ug/L	25.0	NA	112	80-120	0.357	20	
1,1,1-Trichloroethane	26.1	1.0	0.050	ug/L	25.0	NA	104	80-120	1.16	20	
1,1,2,2-Tetrachloroethane	26.1	1.0	0.23	ug/L	25.0	NA	104	80-120	3.02	20	
1,1,2-Trichloroethane	26.5	1.0	0.20	ug/L	25.0	NA	106	80-120	0.00	20	
1,1,2-Trichlorotrifluoroethane	28.8	1.0	0.12	ug/L	25.0	NA	115	80-120	1.75	20	
1,1-Dichloroethane	25.0	1.0	0.053	ug/L	25.0	NA	100	80-120	0.00	20	
1,1-Dichloroethene	28.3	1.0	0.085	ug/L	25.0	NA	113	80-120	0.354	20	
1,1-Dichloropropene	25.9	1.0	0.073	ug/L	25.0	NA	104	80-120	0.00	20	
1,2,3-Trichlorobenzene	24.8	1.0	0.11	ug/L	25.0	NA	99.2	80-120	12.1	20	
1,2,3-Trichloropropane	26.8	1.0	0.30	ug/L	25.0	NA	107	80-120	0.743	20	
1,2,4-Trichlorobenzene	24.9	1.0	0.14	ug/L	25.0	NA	99.6	80-120	8.09	20	
1,2,4-Trimethylbenzene	25.7	1.0	0.071	ug/L	25.0	NA	103	80-120	0.390	20	
1,2-Dibromo-3-chloropropane	26.7	1.0	0.41	ug/L	25.0	NA	107	80-120	4.75	20	
1,2-Dibromoethane	27.4	1.0	0.064	ug/L	25.0	NA	110	80-120	1.45	20	
1,2-Dichlorobenzene	25.3	1.0	0.12	ug/L	25.0	NA	101	80-120	1.18	20	
1,2-Dichloroethane	23.8	1.0	0.053	ug/L	25.0	NA	95.2	80-120	1.67	20	
1,2-Dichloropropane	22.9	1.0	0.050	ug/L	25.0	NA	91.6	80-120	0.870	20	
1,3,5-Trimethylbenzene	25.7	1.0	0.097	ug/L	25.0	NA	103	80-120	0.781	20	
1,3-Dichlorobenzene	25.4	1.0	0.083	ug/L	25.0	NA	102	80-120	0.393	20	
1,3-Dichloropropane	25.6	1.0	0.13	ug/L	25.0	NA	102	80-120	0.778	20	
1,4-Dichlorobenzene	25.3	1.0	0.12	ug/L	25.0	NA	101	80-120	0.787	20	
2,2-Dichloropropane	25.8	1.0	0.10	ug/L	25.0	NA	103	80-120	0.772	20	
2-Butanone (MEK)	26.5	10	1.3	ug/L	25.0	NA	106	80-120	3.34	20	
2-Chlorotoluene	25.3	1.0	0.20	ug/L	25.0	NA	101	80-120	0.394	20	
4-Chlorotoluene	25.8	1.0	0.13	ug/L	25.0	NA	103	80-120	0.778	20	
4-Isopropyltoluene	26.6	1.0	0.058	ug/L	25.0	NA	106	80-120	0.755	20	
Acetone	23.9	20	1.5	ug/L	25.0	NA	95.6	80-120	4.90	20	
Allyl Chloride	26.8	1.0	0.26	ug/L	25.0	NA	107	80-120	0.00	20	
Benzene	24.0	1.0	0.045	ug/L	25.0	NA	96.0	80-120	1.65	20	
Bromobenzene	24.9	1.0	0.15	ug/L	25.0	NA	99.6	80-120	0.800	20	
Bromochloromethane	27.5	1.0	0.21	ug/L	25.0	NA	110	80-120	0.725	20	
Bromodichloromethane	24.0	1.0	0.11	ug/L	25.0	NA	96.0	80-120	1.24	20	
Bromoform	25.6	5.0	0.13	ug/L	25.0	NA	102	80-120	1.93	20	
Bromomethane	22.1	1.0	0.14	ug/L	25.0	NA	88.4	80-120	10.3	20	
Carbon Tetrachloride	25.2	1.0	0.057	ug/L	25.0	NA	101	80-120	0.791	20	
Chlorobenzene	27.7	1.0	0.042	ug/L	25.0	NA	111	80-120	0.362	20	
Chlorodibromomethane	28.6	1.0	0.028	ug/L	25.0	NA	114	80-120	1.04	20	
Chloroethane	24.0	1.0	0.11	ug/L	25.0	NA	96.0	80-120	2.06	20	
Chloroform	25.5	1.0	0.12	ug/L	25.0	NA	102	80-120	0.00	20	

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BRAUN INTERTEC

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952-995-2000 Phone
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Service Engineering Group	Client Ref:05500	Work Order #: 0506069
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0026 - EPA 5030B

Laboratory Control Sample Duplicate (B5L0026-BSD1) Prepared & Analyzed: 11/29/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	23.8	1.0	0.20	ug/L	25.0	NA	95.2	80-120	1.25	20	
cis-1,2-Dichloroethene	26.9	1.0	0.10	ug/L	25.0	NA	108	80-120	0.372	20	
cis-1,3-Dichloropropene	24.1	1.0	0.041	ug/L	25.0	NA	96.4	80-120	1.65	20	
Dibromomethane	23.3	1.0	0.20	ug/L	25.0	NA	93.2	80-120	1.70	20	
Dichlorodifluoromethane	26.2	1.0	0.13	ug/L	25.0	NA	105	80-120	0.382	20	
Dichlorofluoromethane	24.1	1.0	0.10	ug/L	25.0	NA	96.4	80-120	0.416	20	
Ethyl Ether	23.5	1.0	0.31	ug/L	25.0	NA	94.0	80-120	0.847	20	
Ethylbenzene	27.4	1.0	0.10	ug/L	25.0	NA	110	80-120	0.733	20	
Hexachlorobutadiene	25.2	2.0	0.24	ug/L	25.0	NA	101	80-120	2.35	20	
Isopropylbenzene	28.0	1.0	0.064	ug/L	25.0	NA	112	80-120	1.44	20	
m,p-Xylenes	54.6	1.0	0.13	ug/L	50.0	NA	109	80-120	0.920	20	
Methyl Isobutyl Ketone	22.4	5.0	0.42	ug/L	25.0	NA	89.6	80-120	6.48	20	
Methylene chloride	25.5	5.0	0.63	ug/L	25.0	NA	102	80-120	0.393	20	
Methyl-t-butyl ether	25.0	1.0	0.12	ug/L	25.0	NA	100	80-120	3.54	20	
Naphthalene	25.6	1.0	0.10	ug/L	25.0	NA	102	80-120	9.67	20	
n-Butylbenzene	25.5	1.0	0.12	ug/L	25.0	NA	102	80-120	0.391	20	
n-Propylbenzene	25.8	1.0	0.10	ug/L	25.0	NA	103	80-120	0.388	20	
o-Xylene	27.4	1.0	0.14	ug/L	25.0	NA	110	80-120	1.10	20	
sec-Butylbenzene	26.3	1.0	0.042	ug/L	25.0	NA	105	80-120	0.381	20	
Styrene	28.1	1.0	0.047	ug/L	25.0	NA	112	80-120	0.355	20	
tert-Butylbenzene	26.0	1.0	0.10	ug/L	25.0	NA	104	80-120	0.00	20	
Tetrachloroethene	27.0	2.0	0.19	ug/L	25.0	NA	108	80-120	1.12	20	
Tetrahydrofuran	21.8	5.0	1.2	ug/L	25.0	NA	87.2	80-120	6.65	20	
Toluene	25.9	1.0	0.17	ug/L	25.0	NA	104	80-120	0.387	20	
trans-1,2-Dichloroethene	27.0	1.0	0.14	ug/L	25.0	NA	108	80-120	0.371	20	
trans-1,3-Dichloropropene	24.1	1.0	0.12	ug/L	25.0	NA	96.4	80-120	2.05	20	
Trichloroethene	25.4	1.0	0.073	ug/L	25.0	NA	102	80-120	1.56	20	
Trichlorofluoromethane	25.9	1.0	0.19	ug/L	25.0	NA	104	80-120	1.17	20	
Vinyl chloride	23.6	1.0	0.25	ug/L	25.0	NA	94.4	80-120	0.844	20	
Surrogate: 1,2-Dichloroethane-d4	*23.5*			ug/L	*25.0*	*NA*	*94.0*	*82-128*			
Surrogate: 4-Bromofluorobenzene	*26.6*			ug/L	*25.0*	*NA*	*106*	*76-119*			
Surrogate: Dibromofluoromethane	*26.7*			ug/L	*25.0*	*NA*	*107*	*79-127*			
Surrogate: Toluene-d8	*26.2*			ug/L	*25.0*	*NA*	*105*	*82-116*			

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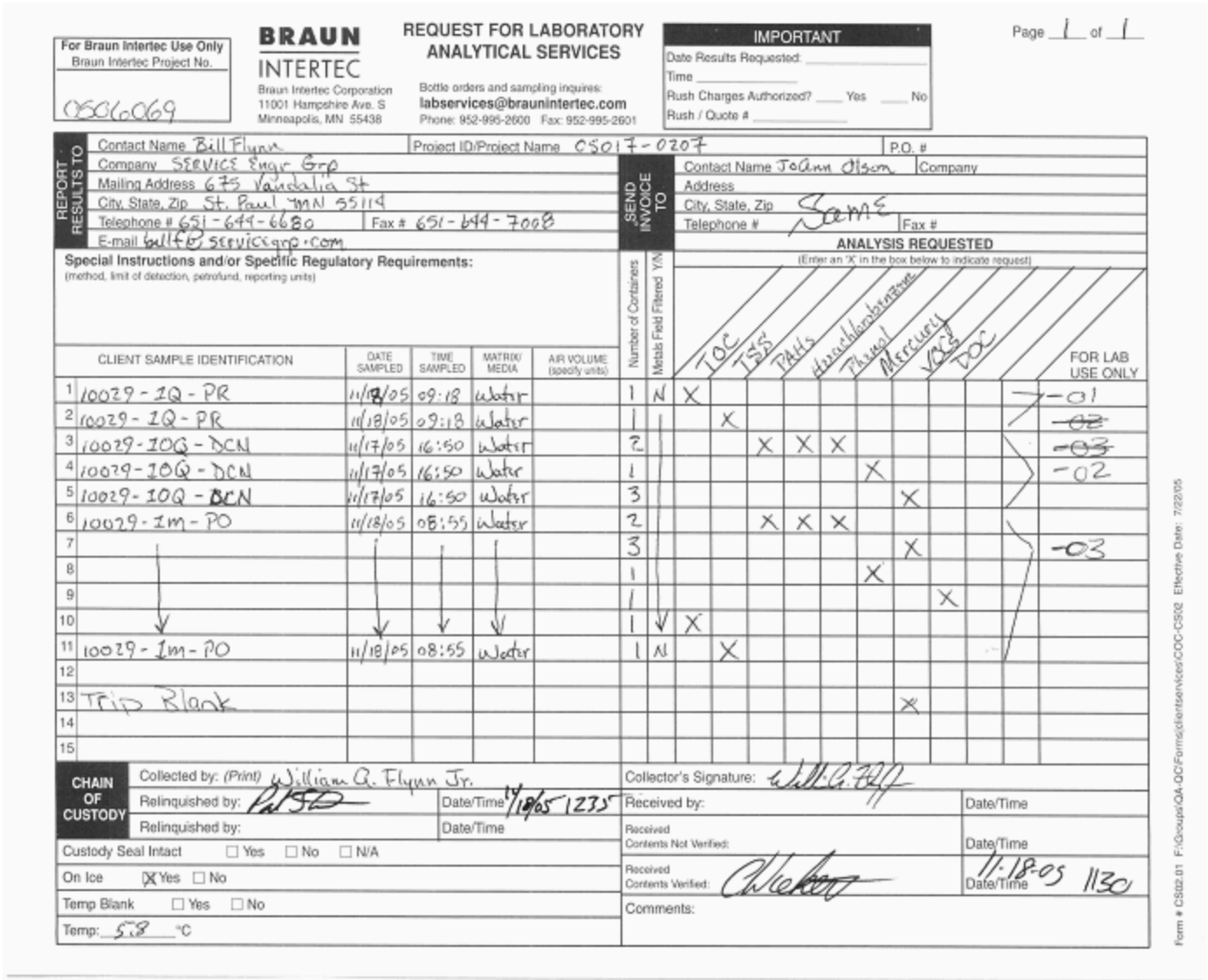
Service Engineering Group	Client Ref:05500	Work Order #: 0506069
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003



BRAUN INTERTEC
Braun Intertec Corporation
11001 Hampshire Ave. S
Minneapolis, MN 55438

REQUEST FOR LABORATORY ANALYTICAL SERVICES

Bottle orders and sampling inquiries:
labservices@braunintertec.com
Phone: 952-995-2600 Fax: 952-995-2601

For Braun Intertec Use Only
Braun Intertec Project No.
0506o069

IMPORTANT
Date Results Requested:
Time
Rush Charges Authorized? ___ Yes ___ No
Rush / Quote #

Page 1 of 1

REPORT RESULTS TO
Contact Name Bill Flynn
Company SERVICE Engr Grp
Mailing Address 675 Vandalia St
City, State, Zip St. Paul, MN 55114
Telephone # 651-649-6680 Fax # 651-649-7008
E-mail billf@serviceegp.com

Project ID/Project Name C5017-0207
P.O. #

SEND INVOICE TO
Contact Name JoAnn Olson Company
Address
City, State, Zip Same
Telephone # Fax #

Special Instructions and/or Specific Regulatory Requirements:
(method, limit of detection, petrofund, reporting units)

ANALYSIS REQUESTED
(Enter an 'X' in the box below to indicate request)

	CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)	Number of Containers	Metals Field Filtered Y/N	TOC	TSS	PAHs	Hexachlorobenzene	Phenol	Mercury	VOCs	DOC		FOR LAB USE ONLY
1	10029-1Q-PR	11/17/05	09:18	Water		1	N	X									-01
2	10029-1Q-PR	11/18/05	09:18	Water		1			X								-02
3	10029-1OQ-DCN	11/17/05	16:50	Water		2				X	X	X					-03
4	10029-1OQ-DCN	11/17/05	16:50	Water		1							X				-02
5	10029-1OQ-DCN	11/17/05	16:50	Water		3								X			
6	10029-1m-PO	11/18/05	08:55	Water		2				X	X	X					
7						3								X			-03
8						1							X				
9						1									X		
10						1		X									
11	10029-1m-PO	11/18/05	08:55	Water		1	N		X								
12																	
13	Trip Blank													X			
14																	
15																	

CHAIN OF CUSTODY
Collected by: (Print) William A. Flynn Jr.
Collector's Signature:
Relinquished by: Date/Time 11/18/05 1235
Received by: Date/Time
Relinquished by: Date/Time
Received Contents Not Verified: Date/Time
Custody Seal Intact ☐ Yes ☐ No ☐ N/A
On Ice ☒ Yes ☐ No
Received Contents Verified: Date/Time 11-18-05 1130
Temp Blank ☐ Yes ☐ No
Comments:
Temp: 5.8 °C

Form # CS02.01 F:\Groups\QA-QC\Forms\clientservices\COC-CS02 Effective Date: 7/22/05

BRAUN INTERTEC

Braun Intertec Corporation
11001 Hampshire Avenue S
Minneapolis, MN 55438

Phone: 952.995.2000
Fax: 952.995.2020
Web: brauntintertec.com

Mr. Bill Flynn
Service Engineering Group
675 Vandalia Street
St. Paul, MN 55114-1312

December 14, 2005

Work Order #: 0506071

RE: 05500

Dear Mr. Bill Flynn

Braun Intertec Corporation received samples for the project identified above on 11/21/05 09:00. Analytical results are summarized in the following report.

All routine quality assurance procedures were followed, unless otherwise noted.

Analytical results are reported on an "as received" basis unless otherwise noted. Where possible, the samples will be retained by the laboratory for 14 days following issuance of the initial final report. The samples will be disposed of or returned at that time. Arrangements can be made for extended storage by contacting me at this time.

We appreciate your decision to use Braun Intertec Corporation for this project. We are committed to being your vendor of choice to meet your analytical chemistry needs.

If you have any questions please contact me at the above phone number.

Sincerely,

Steven J. Albrecht

Steven J. Albrecht
Associate Principal

Certification/Accreditation Numbers

Minnesota Department of Health: 027-053-117 Wisconsin DNR: 999462640 NVLAP: 1021234-0 AIHA: 101103

BRAUN INTERTEC

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Service Engineering Group	Client Ref:05500	Work Order #: 0506071
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

How to Use this Report

In order to get the most out of the information presented in this report please refer to the following explanations as to how the data in this report is tied together and how some of the terms are defined.

Qualifiers and Abbreviations are defined in the following section. You will find these codes used throughout the report in headers and in note sections to designate a unique fact about the data to which they are associated.

The Case Narrative gives a "story" about the analysis and results. Here you will find greater elaboration on relevant qualifiers as well as an explanation of anything of particular note in the data. This is a discussion of the data in terms of quality control and chemistry. It is a summary of any deviations that could affect the usefulness of the data. This is not an interpretation as to how this information relates to regulatory compliance, toxicity, or hazardous characterization. These items are beyond the scope of this report.

The Sample Summary provides detail on sample receipt. The association between Client sample ID and the Laboratory sample ID are defined here; this information is valuable to have when discussing results with your project manager. Sample collection and receipt dates and times are provided here as well. General notes regarding the work order are also documented here. This is a mini "case narrative" that describes any anomalies regarding the condition of the samples upon arrival to the laboratory or special circumstances regarding the work order.

The Conditions Upon Receipt summarizes the results of specific checks that have been performed at sample receipt. This includes items like custody documentation, sample condition, and temperature at receipt. Each "cooler" is identified and the conditions associated with that cooler are documented. A "cooler" is defined as the larger container used to transport the individual samples. In most cases this is a standard recreational cooler but it can be a box, plastic bag, or other container.

The laboratory results are summarized in the following sections. Data is broken down into major categories for convenience. An example of such a category would be "Total Petroleum Hydrocarbons." Here you would find data that references the testing of such parameters as diesel range organics and gasoline range organics. Other categories are similarly mapped. The batch number is associated with each sample. This is important to evaluate Quality Control (QC) data. Surrogate results samples are provided with each sample. Laboratory control limits are provided for comparison (see below). The reference method is also identified. If a method is denoted with an "M" (e.g. EPA 1234(M)) this means that it has been modified. An explanation of the modification will be found in the Case Narrative. A result is given with appropriate units. If a soil sample is dry-weight corrected then the word "dry" will appear next to the units. If the word "dry" does not appear then the result is "as received."

The Method Reporting Limit (MRL) and Method Detection Limit (MDL) are provided. It is important to understand these terms. The MRL is a level that has been empirically verified to provide reliable quantitation of results. Results that are equal to or greater than this value will show up as bolded. They are considered "hits." The MDL is a statistically derived number that indicates, with high confidence, that an analyte can be detected above noise level. If a result is less than this value it is marked as "ND" for "Non-Detect." If a result is less than the MRL but greater than the MDL then it is considered an estimate. Such a result is reported with a "J" flag denoting that it has been detected but that the result is an estimate. This is consistent with the *CLP Statement of Work* and the *National Functional Guidelines.*

The Quality Control (QC) samples are documented in the following section. Here you will find the preparation batches associated with each sample from the results section. The sample preparation method is also defined here. Accuracy is represented here in terms of a percent recovery as compared to a known value. Precision is represented as a relative percent difference between two duplicate sample aliquots. The laboratory control limits are provided as a means to evaluate the quality control data. If the result falls outside the laboratory control limits this simply means that it is outside what is typical for the laboratory and is noted accordingly. This does not mean that the data is invalid. Laboratory control limits are generally tighter than most program limits. This is a very important distinction. How the data is ultimately used determines its validity. Program requirements are defined in the Quality Assurance Project Plan (QAPP) governing the project. If your project manager is aware of your specific program requirements then a note will be made in the case narrative if the data fails to meet any of these requirements.

The last section contains copies of important documents and/or instrument printouts relavent to the report. This includes the chain of custody. It also may include items like chromatograms or spectra.

Please note that this report is paginated and must be reproduced in its entirety.

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Qualifiers and Abbreviations

vm	The surrogate recovery is above the laboratory generated control limits.
vfa	The method reporting limit (MRL) was raised for one or more analytes; a dilution of the sample was necessary due to high analyte levels and/or matrix interferences.
ts	This analysis was performed by a subcontract laboratory.
J	Detected but below the Method Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
gp	The relative percent difference (RPD) for the laboratory control sample and laboratory control sample duplicate is outside of laboratory control limits.
go	The laboratory control sample recovery is outside of laboratory control limits.
COC	Chain of Custody
dry	Sample results reported on a dry weight basis
MDL	Method Detection Limit
MRL	Method Reporting Limit
NA	Not Applicable
ND	Analyte NOT DETECTED
NR	Not Reported
%Rec	Percent Recovery
RPD	Relative Percent Difference
VOC	Volatile Organic Compound

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

SAMPLE SUMMARY

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
10029-1M-DCN	0506071-01	Water	11/18/05 14:54	11/21/05 09:00
10029-1Q-PO	0506071-02	Water	11/19/05 07:26	11/21/05 09:00
Trip Blank	0506071-03	Water	11/18/05 00:00	11/21/05 09:00

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Conditions Upon Receipt

Cooler: Cooler #1

Temperature:	0.9 °C	**Received on Ice:**	Yes	**Preservation Confirmed:**	No
COC Included:	Yes	**Hand Delivered by Sampler:**	No	**Temperature Blank:**	No
Custody Seals Used:	No	**Sufficient Sample Provided:**	Yes	**COC Complete:**	Yes
Custody Seals Intact:	No	**Headspace Present (VOC):**	No	**COC & Labels Agree:**	Yes

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-1M-DCN

0506071-01 (Water)

11/18/05 14:54

Metals

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Mercury	ND	0.20	0.011	ug/L	B5K0413	11/22/05	11/23/05	EPA 7470A	

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,2,4-Trichlorobenzene	ND	5.0	0.33	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
1,2-Dichlorobenzene	0.60 J	5.0	0.27	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
1,2-Diphenylhydrazine	ND	5.0	0.37	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
1,3-Dichlorobenzene	ND	5.0	0.30	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
1,4-Dichlorobenzene	1.4 J	5.0	0.29	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2,4,5-Trichlorophenol	ND	5.0	0.15	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2,4,6-Trichlorophenol	ND	5.0	0.23	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2,4-Dichlorophenol	ND	10	0.28	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2,4-Dimethylphenol	ND	5.0	0.40	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2,4-Dinitrophenol	ND	5.0	0.96	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	go, gp
2,4-Dinitrotoluene	ND	5.0	0.20	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2,6-Dinitrotoluene	ND	5.0	0.58	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2-Chloronaphthalene	ND	5.0	0.30	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2-Chlorophenol	ND	10	0.63	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2-Methylnaphthalene	ND	5.0	0.39	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2-Methylphenol	ND	10	2.5	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2-Nitroaniline	ND	5.0	0.46	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2-Nitrophenol	ND	10	0.54	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
3,3-Dichlorobenzidine	ND	5.0	0.54	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
3-/4-Methylphenol	ND	10	0.28	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
3-Nitroaniline	ND	5.0	0.66	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
4,6-Dinitro-2-methylphenol	ND	5.0	0.70	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
4-Bromophenyl phenyl ether	ND	5.0	0.24	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
4-Chloro-3-methylphenol	ND	5.0	0.23	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
4-Chloroaniline	ND	5.0	0.59	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	

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Bloomington, MN 55438
952-995-2000 Phone
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Service Engineering Group	Client Ref:05500	Work Order #: 0506071
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-1M-DCN

0506071-01 (Water)

11/18/05 14:54

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
4-Chlorophenyl phenyl ether	ND	2.0	0.25	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
4-Nitroaniline	ND	5.0	0.34	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
4-Nitrophenol	ND	5.0	0.82	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Acenaphthene	ND	2.0	0.26	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Acenaphthylene	ND	2.0	0.19	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Aniline	ND	5.0	0.88	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Anthracene	ND	2.0	0.21	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Benz(a)anthracene	ND	2.0	0.71	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Benzo(a)pyrene	ND	2.0	0.77	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Benzo(b)fluoranthene	ND	2.0	0.42	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Benzo(g,h,i)perylene	ND	2.0	0.67	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Benzo(k)fluoranthene	ND	2.0	0.75	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Benzyl alcohol	ND	10	0.32	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
bis(2-Chloroethoxy)methane	ND	5.0	0.34	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Bis(2-Chloroethyl)ether	ND	5.0	0.42	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Bis(2-chloroisopropyl)ether	ND	5.0	0.32	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Bis(2-Ethylhexyl)phthalate	ND	5.0	1.5	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Butyl benzyl phthalate	ND	5.0	0.31	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Carbazole	ND	5.0	0.34	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Chrysene	ND	2.0	0.70	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Dibenz(a,h)anthracene	ND	2.0	0.78	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Dibenzofuran	ND	5.0	0.27	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Diethylphthalate	ND	5.0	0.30	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Dimethyl phthalate	ND	5.0	0.21	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Di-n-butyl phthalate	ND	5.0	0.47	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Di-n-octyl phthalate	ND	5.0	0.80	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Fluoranthene	ND	2.0	0.26	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Fluorene	ND	2.0	0.46	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-1M-DCN

0506071-01 (Water)

11/18/05 14:54

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Hexachlorobenzene	ND	5.0	0.24	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Hexachlorobutadiene	ND	5.0	0.31	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Hexachlorocyclopentadiene	ND	5.0	0.28	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Hexachloroethane	ND	5.0	0.35	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Indeno(1,2,3-cd)pyrene	ND	2.0	0.78	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Isophorone	ND	5.0	0.21	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Naphthalene	3.0 J	5.0	0.32	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Nitrobenzene	ND	5.0	0.27	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
N-Nitrosodimethylamine	ND	5.0	0.26	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
N-Nitrosodi-n-propylamine	ND	5.0	0.31	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
N-Nitrosodiphenylamine	ND	5.0	0.31	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Pentachlorophenol	ND	5.0	0.54	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Phenanthrene	ND	2.0	0.21	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Phenol	ND	10	2.1	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Pyrene	ND	2.0	0.50	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Pyridine	ND	10	2.4	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Surrogate: 2,4,6-Tribromophenol	*94.0 %*	*Limits: 65-100%*			*B5K0407*	*11/22/05*	*11/23/05*	*EPA 8270C*	
Surrogate: 2-Fluorobiphenyl	*82.9 %*	*Limits: 59-101%*			*B5K0407*	*11/22/05*	*11/23/05*	*EPA 8270C*	
Surrogate: 2-Fluorophenol	*48.7 %*	*Limits: 30-75%*			*B5K0407*	*11/22/05*	*11/23/05*	*EPA 8270C*	
Surrogate: Nitrobenzene-d5	*67.7 %*	*Limits: 57-101%*			*B5K0407*	*11/22/05*	*11/23/05*	*EPA 8270C*	
Surrogate: Phenol-d6	*41.2 %*	*Limits: 30-75%*			*B5K0407*	*11/22/05*	*11/23/05*	*EPA 8270C*	
Surrogate: Terphenyl-d14	*88.4 %*	*Limits: 65-100%*			*B5K0407*	*11/22/05*	*11/23/05*	*EPA 8270C*	

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
1,1,1-Trichloroethane	ND	1.0	0.050	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506071
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-1M-DCN

0506071-01 (Water)

11/18/05 14:54

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
1,1,2-Trichlorotrifluoroethane	ND	1.0	0.12	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
1,1-Dichloroethane	ND	1.0	0.053	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
1,1-Dichloroethene	ND	1.0	0.085	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
1,1-Dichloropropene	ND	1.0	0.073	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
1,2,3-Trichlorobenzene	ND	1.0	0.11	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
1,2,3-Trichloropropane	ND	1.0	0.30	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
1,2,4-Trichlorobenzene	ND	1.0	0.14	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
1,2,4-Trimethylbenzene	ND	1.0	0.071	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
1,2-Dibromo-3-chloropropane	ND	1.0	0.41	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
1,2-Dibromoethane	ND	1.0	0.064	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
1,2-Dichlorobenzene	ND	1.0	0.12	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
1,2-Dichloroethane	ND	1.0	0.053	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
1,2-Dichloropropane	ND	1.0	0.050	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
1,3,5-Trimethylbenzene	ND	1.0	0.097	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
1,3-Dichlorobenzene	ND	1.0	0.083	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
1,3-Dichloropropane	ND	1.0	0.13	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
1,4-Dichlorobenzene	ND	1.0	0.12	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
2,2-Dichloropropane	ND	1.0	0.10	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
2-Butanone (MEK)	ND	10	1.3	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
2-Chlorotoluene	ND	1.0	0.20	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
4-Chlorotoluene	ND	1.0	0.13	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
4-Isopropyltoluene	ND	1.0	0.058	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
Acetone	ND	20	1.5	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
Allyl Chloride	ND	1.0	0.26	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
Benzene	ND	1.0	0.045	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
Bromobenzene	ND	1.0	0.15	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506071
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-1M-DCN

0506071-01 (Water)

11/18/05 14:54

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Bromochloromethane	ND	1.0	0.21	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
Bromodichloromethane	**5.1**	1.0	0.11	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
Bromoform	ND	5.0	0.13	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
Bromomethane	ND	1.0	0.14	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
Carbon Tetrachloride	ND	1.0	0.057	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
Chlorobenzene	ND	1.0	0.042	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
Chlorodibromomethane	ND	1.0	0.028	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
Chloroethane	ND	1.0	0.11	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
Chloroform	**18**	1.0	0.12	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
Chloromethane	ND	1.0	0.20	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.0	0.10	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.0	0.041	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
Dibromomethane	ND	1.0	0.20	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
Dichlorodifluoromethane	ND	1.0	0.13	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
Dichlorofluoromethane	ND	1.0	0.10	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
Ethyl Ether	ND	1.0	0.31	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
Ethylbenzene	ND	1.0	0.10	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
Hexachlorobutadiene	ND	2.0	0.24	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
Isopropylbenzene	ND	1.0	0.064	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
m,p-Xylenes	ND	1.0	0.13	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
Methyl Isobutyl Ketone	ND	5.0	0.42	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
Methylene chloride	ND	5.0	0.63	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
Methyl-t-butyl ether	ND	1.0	0.12	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
Naphthalene	ND	1.0	0.10	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
n-Butylbenzene	ND	1.0	0.12	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
n-Propylbenzene	ND	1.0	0.10	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
o-Xylene	ND	1.0	0.14	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
sec-Butylbenzene	ND	1.0	0.042	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-1M-DCN

0506071-01 (Water)

11/18/05 14:54

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Styrene	ND	1.0	0.047	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
tert-Butylbenzene	ND	1.0	0.10	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
Tetrachloroethene	ND	2.0	0.19	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
Tetrahydrofuran	ND	5.0	1.2	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	go
Toluene	ND	1.0	0.17	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
trans-1,2-Dichloroethene	ND	1.0	0.14	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.0	0.12	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
Trichloroethene	ND	1.0	0.073	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
Trichlorofluoromethane	ND	1.0	0.19	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
Vinyl chloride	ND	1.0	0.25	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4	*96.0 %*	*Limits: 82-128%*			*B5L0069*	*12/1/05*	*12/1/05*	*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene	*106 %*	*Limits: 76-119%*			*B5L0069*	*12/1/05*	*12/1/05*	*EPA 8260B*	
Surrogate: Dibromofluoromethane	*103 %*	*Limits: 79-127%*			*B5L0069*	*12/1/05*	*12/1/05*	*EPA 8260B*	
Surrogate: Toluene-d8	*105 %*	*Limits: 82-116%*			*B5L0069*	*12/1/05*	*12/1/05*	*EPA 8260B*	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-1Q-PO

0506071-02 (Water)

11/19/05 7:26

Classical Chemistry Parameters

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Total Suspended Solids	9.0 J	10	3.6	mg/L	B5K0416	11/22/05	11/22/05	EPA 160.2	
Dissolved Organic Carbon	**7.7**	1.5	0.50	mg/L	B5L0100	11/27/05	11/29/05	ASTM D5373	ts
Total Organic Carbon	**7.8**	1.5	0.50	mg/L	B5L0214	12/12/05	12/12/05	EPA 9060	ts

Metals

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Mercury	**1.0**	0.20	0.011	ug/L	B5K0413	11/22/05	11/23/05	EPA 7470A	

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,2,4-Trichlorobenzene	**46**	5.2	0.34	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
1,2-Dichlorobenzene	**120**	26	1.4	ug/L	B5K0407	11/22/05	11/28/05	EPA 8270C	
1,2-Diphenylhydrazine	ND	5.2	0.38	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
1,3-Dichlorobenzene	4.0 J	5.2	0.31	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
1,4-Dichlorobenzene	**230**	26	1.5	ug/L	B5K0407	11/22/05	11/28/05	EPA 8270C	
2,4,5-Trichlorophenol	ND	5.2	0.16	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2,4,6-Trichlorophenol	ND	5.2	0.23	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2,4-Dichlorophenol	ND	10	0.29	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2,4-Dimethylphenol	ND	5.2	0.41	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2,4-Dinitrophenol	ND	5.2	0.99	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	gp, go
2,4-Dinitrotoluene	ND	5.2	0.21	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2,6-Dinitrotoluene	ND	5.2	0.60	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2-Chloronaphthalene	ND	5.2	0.30	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2-Chlorophenol	ND	10	0.65	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2-Methylnaphthalene	**26**	5.2	0.41	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2-Methylphenol	ND	10	2.6	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2-Nitroaniline	ND	5.2	0.48	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
2-Nitrophenol	ND	10	0.56	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
3,3-Dichlorobenzidine	ND	5.2	0.56	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
3-/4-Methylphenol	4.5 J	10	0.28	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
3-Nitroaniline	ND	5.2	0.68	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506071
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-1Q-PO

0506071-02 (Water)

11/19/05 7:26

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
4,6-Dinitro-2-methylphenol	ND	5.2	0.72	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
4-Bromophenyl phenyl ether	ND	5.2	0.25	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
4-Chloro-3-methylphenol	ND	5.2	0.24	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
4-Chloroaniline	ND	5.2	0.61	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	2.1	0.26	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
4-Nitroaniline	ND	5.2	0.35	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
4-Nitrophenol	ND	5.2	0.85	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Acenaphthene	1.1 J	2.1	0.27	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Acenaphthylene	2.0 J	2.1	0.19	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Aniline	ND	5.2	0.91	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Anthracene	0.82 J	2.1	0.21	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Benz(a)anthracene	ND	2.1	0.73	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Benzo(a)pyrene	ND	2.1	0.80	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Benzo(b)fluoranthene	ND	2.1	0.44	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Benzo(g,h,i)perylene	ND	2.1	0.69	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Benzo(k)fluoranthene	ND	2.1	0.77	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Benzyl alcohol	1.6 J	10	0.33	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
bis(2-Chloroethoxy)methane	ND	5.2	0.35	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Bis(2-Chloroethyl)ether	ND	5.2	0.43	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Bis(2-chloroisopropyl)ether	ND	5.2	0.33	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Bis(2-Ethylhexyl)phthalate	ND	5.2	1.6	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Butyl benzyl phthalate	ND	5.2	0.32	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Carbazole	5.0 J	5.2	0.35	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Chrysene	ND	2.1	0.72	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Dibenz(a,h)anthracene	ND	2.1	0.81	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Dibenzofuran	2.8 J	5.2	0.28	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Diethylphthalate	ND	5.2	0.31	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Dimethyl phthalate	ND	5.2	0.22	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Di-n-butyl phthalate	ND	5.2	0.49	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-1Q-PO

0506071-02 (Water)

11/19/05 7:26

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Di-n-octyl phthalate	ND	5.2	0.82	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Fluoranthene	0.85 J	2.1	0.26	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Fluorene	**2.8**	2.1	0.47	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Hexachlorobenzene	ND	5.2	0.25	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Hexachlorobutadiene	ND	5.2	0.32	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Hexachlorocyclopentadiene	ND	5.2	0.29	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Hexachloroethane	ND	5.2	0.36	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Indeno(1,2,3-cd)pyrene	ND	2.1	0.80	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Isophorone	ND	5.2	0.21	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Naphthalene	1.1 J	5.2	0.33	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Nitrobenzene	ND	5.2	0.28	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
N-Nitrosodimethylamine	ND	5.2	0.27	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
N-Nitrosodi-n-propylamine	ND	5.2	0.32	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
N-Nitrosodiphenylamine	ND	5.2	0.32	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Pentachlorophenol	ND	5.2	0.56	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Phenanthrene	**3.2**	2.1	0.21	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Phenol	5.3 J	10	2.2	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Pyrene	0.53 J	2.1	0.52	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Pyridine	ND	10	2.5	ug/L	B5K0407	11/22/05	11/23/05	EPA 8270C	
Surrogate: 2,4,6-Tribromophenol	*93.8 %*	*Limits: 65-100%*			*B5K0407*	*11/22/05*	*11/23/05*	*EPA 8270C*	
Surrogate: 2-Fluorobiphenyl	*73.6 %*	*Limits: 59-101%*			*B5K0407*	*11/22/05*	*11/23/05*	*EPA 8270C*	
Surrogate: 2-Fluorophenol	*47.2 %*	*Limits: 30-75%*			*B5K0407*	*11/22/05*	*11/23/05*	*EPA 8270C*	
Surrogate: Nitrobenzene-d5	*63.2 %*	*Limits: 57-101%*			*B5K0407*	*11/22/05*	*11/23/05*	*EPA 8270C*	
Surrogate: Phenol-d6	*40.8 %*	*Limits: 30-75%*			*B5K0407*	*11/22/05*	*11/23/05*	*EPA 8270C*	
Surrogate: Terphenyl-d14	*85.7 %*	*Limits: 65-100%*			*B5K0407*	*11/22/05*	*11/23/05*	*EPA 8270C*	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-1Q-PO

0506071-02 (Water)

11/19/05 7:26

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	0.71	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	vfa
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	vfa
1,1,2,2-Tetrachloroethane	ND	5.0	1.2	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	vfa
1,1,2-Trichloroethane	ND	5.0	1.0	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	vfa
1,1,2-Trichlorotrifluoroethane	ND	5.0	0.58	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	vfa
1,1-Dichloroethane	ND	5.0	0.26	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	vfa
1,1-Dichloroethene	ND	5.0	0.42	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	vfa
1,1-Dichloropropene	ND	5.0	0.36	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	vfa
1,2,3-Trichlorobenzene	ND	5.0	0.55	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	vfa
1,2,3-Trichloropropane	ND	5.0	1.5	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	vfa
1,2,4-Trichlorobenzene	**53**	5.0	0.72	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	vfa
1,2,4-Trimethylbenzene	**76**	5.0	0.36	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	vfa
1,2-Dibromo-3-chloropropane	ND	5.0	2.0	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	vfa
1,2-Dibromoethane	ND	5.0	0.32	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	vfa
1,2-Dichlorobenzene	**140**	5.0	0.60	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	vfa
1,2-Dichloroethane	ND	5.0	0.26	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	vfa
1,2-Dichloropropane	ND	5.0	0.25	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	vfa
1,3,5-Trimethylbenzene	**46**	5.0	0.48	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	vfa
1,3-Dichlorobenzene	**5.1**	5.0	0.42	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	vfa
1,3-Dichloropropane	ND	5.0	0.64	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	vfa
1,4-Dichlorobenzene	**250**	5.0	0.60	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	vfa
2,2-Dichloropropane	ND	5.0	0.52	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	vfa
2-Butanone (MEK)	ND	50	6.6	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	vfa
2-Chlorotoluene	ND	5.0	0.98	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	vfa
4-Chlorotoluene	ND	5.0	0.66	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	vfa
4-Isopropyltoluene	ND	5.0	0.29	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	vfa
Acetone	ND	100	7.7	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	vfa
Allyl Chloride	ND	5.0	1.3	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	vfa
Benzene	**110**	5.0	0.22	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	vfa

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Service Engineering Group	Client Ref:05500	Work Order #: 0506071
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-1Q-PO

0506071-02 (Water)

11/19/05 7:26

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Bromobenzene	ND	5.0	0.74	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	vfa
Bromochloromethane	ND	5.0	1.1	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	vfa
Bromodichloromethane	ND	5.0	0.53	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	vfa
Bromoform	ND	25	0.64	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	vfa
Bromomethane	ND	5.0	0.68	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	vfa
Carbon Tetrachloride	ND	5.0	0.28	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	vfa
Chlorobenzene	**340**	5.0	0.21	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	vfa
Chlorodibromomethane	ND	5.0	0.14	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	vfa
Chloroethane	ND	5.0	0.56	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	vfa
Chloroform	ND	5.0	0.58	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	vfa
Chloromethane	ND	5.0	1.0	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	vfa
cis-1,2-Dichloroethene	ND	5.0	0.52	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	vfa
cis-1,3-Dichloropropene	ND	5.0	0.20	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	vfa
Dibromomethane	ND	5.0	1.0	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	vfa
Dichlorodifluoromethane	ND	5.0	0.63	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	vfa
Dichlorofluoromethane	ND	5.0	0.52	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	vfa
Ethyl Ether	ND	5.0	1.5	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	vfa
Ethylbenzene	**12**	5.0	0.52	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	vfa
Hexachlorobutadiene	ND	10	1.2	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	vfa
Isopropylbenzene	**14**	5.0	0.32	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	vfa
m,p-Xylenes	**200**	5.0	0.64	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	vfa
Methyl Isobutyl Ketone	ND	25	2.1	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	vfa
Methylene chloride	ND	25	3.2	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	vfa
Methyl-t-butyl ether	ND	5.0	0.60	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	vfa
Naphthalene	**180**	5.0	0.50	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	vfa
n-Butylbenzene	ND	5.0	0.61	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	vfa
n-Propylbenzene	ND	5.0	0.52	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	vfa
o-Xylene	**70**	5.0	0.70	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	vfa
sec-Butylbenzene	**23**	5.0	0.21	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	vfa

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-1Q-PO

0506071-02 (Water)

11/19/05 7:26

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Styrene	**8.3**	5.0	0.24	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	vfa
tert-Butylbenzene	ND	5.0	0.50	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	vfa
Tetrachloroethene	ND	10	0.95	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	vfa
Tetrahydrofuran	ND	25	5.8	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	go, vfa
Toluene	**96**	5.0	0.86	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	vfa
trans-1,2-Dichloroethene	ND	5.0	0.68	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	vfa
trans-1,3-Dichloropropene	ND	5.0	0.60	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	vfa
Trichloroethene	ND	5.0	0.36	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	vfa
Trichlorofluoromethane	ND	5.0	0.95	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	vfa
Vinyl chloride	ND	5.0	1.2	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	vfa
Surrogate: 1,2-Dichloroethane-d4	*94.0 %*	*Limits: 82-128%*			*B5L0069*	*12/1/05*	*12/1/05*	*EPA 8260B*	*vfa*
Surrogate: 4-Bromofluorobenzene	*108 %*	*Limits: 76-119%*			*B5L0069*	*12/1/05*	*12/1/05*	*EPA 8260B*	*vfa*
Surrogate: Dibromofluoromethane	*101 %*	*Limits: 79-127%*			*B5L0069*	*12/1/05*	*12/1/05*	*EPA 8260B*	*vfa*
Surrogate: Toluene-d8	*104 %*	*Limits: 82-116%*			*B5L0069*	*12/1/05*	*12/1/05*	*EPA 8260B*	*vfa*

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Bloomington, MN 55438
952-995-2000 Phone
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Service Engineering Group	Client Ref:05500	Work Order #: 0506071
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Trip Blank

0506071-03 (Water)

11/18/05 0:00

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
1,1,1-Trichloroethane	ND	1.0	0.050	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
1,1,2-Trichlorotrifluoroethane	ND	1.0	0.12	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
1,1-Dichloroethane	ND	1.0	0.053	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
1,1-Dichloroethene	ND	1.0	0.085	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
1,1-Dichloropropene	ND	1.0	0.073	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
1,2,3-Trichlorobenzene	ND	1.0	0.11	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
1,2,3-Trichloropropane	ND	1.0	0.30	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
1,2,4-Trichlorobenzene	ND	1.0	0.14	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
1,2,4-Trimethylbenzene	ND	1.0	0.071	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
1,2-Dibromo-3-chloropropane	ND	1.0	0.41	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
1,2-Dibromoethane	ND	1.0	0.064	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
1,2-Dichlorobenzene	ND	1.0	0.12	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
1,2-Dichloroethane	ND	1.0	0.053	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
1,2-Dichloropropane	ND	1.0	0.050	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
1,3,5-Trimethylbenzene	ND	1.0	0.097	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
1,3-Dichlorobenzene	ND	1.0	0.083	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
1,3-Dichloropropane	ND	1.0	0.13	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
1,4-Dichlorobenzene	ND	1.0	0.12	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
2,2-Dichloropropane	ND	1.0	0.10	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
2-Butanone (MEK)	ND	10	1.3	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
2-Chlorotoluene	ND	1.0	0.20	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
4-Chlorotoluene	ND	1.0	0.13	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
4-Isopropyltoluene	ND	1.0	0.058	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
Acetone	ND	20	1.5	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
Allyl Chloride	ND	1.0	0.26	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506071
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Trip Blank

0506071-03 (Water)

11/18/05 0:00

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	0.045	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
Bromobenzene	ND	1.0	0.15	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
Bromochloromethane	ND	1.0	0.21	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
Bromodichloromethane	ND	1.0	0.11	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
Bromoform	ND	5.0	0.13	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
Bromomethane	ND	1.0	0.14	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
Carbon Tetrachloride	ND	1.0	0.057	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
Chlorobenzene	ND	1.0	0.042	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
Chlorodibromomethane	ND	1.0	0.028	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
Chloroethane	ND	1.0	0.11	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
Chloroform	ND	1.0	0.12	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
Chloromethane	ND	1.0	0.20	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.0	0.10	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.0	0.041	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
Dibromomethane	ND	1.0	0.20	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
Dichlorodifluoromethane	ND	1.0	0.13	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
Dichlorofluoromethane	ND	1.0	0.10	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
Ethyl Ether	ND	1.0	0.31	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
Ethylbenzene	ND	1.0	0.10	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
Hexachlorobutadiene	ND	2.0	0.24	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
Isopropylbenzene	ND	1.0	0.064	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
m,p-Xylenes	ND	1.0	0.13	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
Methyl Isobutyl Ketone	ND	5.0	0.42	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
Methylene chloride	ND	5.0	0.63	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
Methyl-t-butyl ether	ND	1.0	0.12	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
Naphthalene	ND	1.0	0.10	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
n-Butylbenzene	ND	1.0	0.12	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
n-Propylbenzene	ND	1.0	0.10	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506071
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Trip Blank

0506071-03 (Water)

11/18/05 0:00

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
o-Xylene	ND	1.0	0.14	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
sec-Butylbenzene	ND	1.0	0.042	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
Styrene	ND	1.0	0.047	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
tert-Butylbenzene	ND	1.0	0.10	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
Tetrachloroethene	ND	2.0	0.19	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
Tetrahydrofuran	ND	5.0	1.2	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	go
Toluene	ND	1.0	0.17	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
trans-1,2-Dichloroethene	ND	1.0	0.14	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.0	0.12	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
Trichloroethene	ND	1.0	0.073	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
Trichlorofluoromethane	ND	1.0	0.19	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
Vinyl chloride	ND	1.0	0.25	ug/L	B5L0069	12/1/05	12/1/05	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4	*94.8 %*	*Limits: 82-128%*			*B5L0069*	*12/1/05*	*12/1/05*	*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene	*104 %*	*Limits: 76-119%*			*B5L0069*	*12/1/05*	*12/1/05*	*EPA 8260B*	
Surrogate: Dibromofluoromethane	*102 %*	*Limits: 79-127%*			*B5L0069*	*12/1/05*	*12/1/05*	*EPA 8260B*	
Surrogate: Toluene-d8	*106 %*	*Limits: 82-116%*			*B5L0069*	*12/1/05*	*12/1/05*	*EPA 8260B*	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506071
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Classical Chemistry Parameters - Quality Control

Batch B5K0416 - Default Prep GenChem

Method Blank (B5K0416-BLK1) Prepared & Analyzed: 11/22/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Suspended Solids	ND	5.0	3.6	mg/L	NA	NA	NA	NA	NA	NA	

Laboratory Control Sample (B5K0416-BS1) Prepared & Analyzed: 11/22/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Suspended Solids	209			mg/L	250	NA	83.6	80-120	NA	NA	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506071
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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Metals - Quality Control

Batch B5K0413 - EPA 7470A

Method Blank (B5K0413-BLK1) Prepared: 11/22/05 Analyzed: 11/23/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	ND	0.20	0.011	ug/L	NA	NA	NA	NA	NA	NA	

Laboratory Control Sample (B5K0413-BS1) Prepared: 11/22/05 Analyzed: 11/23/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	2.60	0.20	0.011	ug/L	2.50	NA	104	85-115	NA	NA	

Laboratory Control Sample Duplicate (B5K0413-BSD1) Prepared: 11/22/05 Analyzed: 11/23/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	2.63	0.20	0.011	ug/L	2.50	NA	105	85-115	1.15	20	

Matrix Spike (B5K0413-MS1) **Source: 0506071-02** Prepared: 11/22/05 Analyzed: 11/23/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	3.64	0.20	0.011	ug/L	2.50	1.0	106	75-125	NA	NA	

Matrix Spike Duplicate (B5K0413-MSD1) **Source: 0506071-02** Prepared: 11/22/05 Analyzed: 11/23/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	3.63	0.20	0.011	ug/L	2.50	1.0	105	75-125	0.275	20	

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675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5K0407 - EPA 3510C

Method Blank (B5K0407-BLK1) Prepared: 11/22/05 Analyzed: 11/23/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	ND	5.0	0.33	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	ND	5.0	0.27	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Diphenylhydrazine	ND	5.0	0.37	ug/L	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	ND	5.0	0.30	ug/L	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	ND	5.0	0.29	ug/L	NA	NA	NA	NA	NA	NA	
2,4,5-Trichlorophenol	ND	5.0	0.15	ug/L	NA	NA	NA	NA	NA	NA	
2,4,6-Trichlorophenol	ND	5.0	0.23	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dichlorophenol	ND	10	0.28	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dimethylphenol	ND	5.0	0.40	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dinitrophenol	ND	5.0	0.96	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dinitrotoluene	ND	5.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
2,6-Dinitrotoluene	ND	5.0	0.58	ug/L	NA	NA	NA	NA	NA	NA	
2-Chloronaphthalene	ND	5.0	0.30	ug/L	NA	NA	NA	NA	NA	NA	
2-Chlorophenol	ND	10	0.63	ug/L	NA	NA	NA	NA	NA	NA	
2-Methylnaphthalene	ND	5.0	0.39	ug/L	NA	NA	NA	NA	NA	NA	
2-Methylphenol	ND	10	2.5	ug/L	NA	NA	NA	NA	NA	NA	
2-Nitroaniline	ND	5.0	0.46	ug/L	NA	NA	NA	NA	NA	NA	
2-Nitrophenol	ND	10	0.54	ug/L	NA	NA	NA	NA	NA	NA	
3,3-Dichlorobenzidine	ND	5.0	0.54	ug/L	NA	NA	NA	NA	NA	NA	
3-/4-Methylphenol	ND	10	0.28	ug/L	NA	NA	NA	NA	NA	NA	
3-Nitroaniline	ND	5.0	0.66	ug/L	NA	NA	NA	NA	NA	NA	
4,6-Dinitro-2-methylphenol	ND	5.0	0.70	ug/L	NA	NA	NA	NA	NA	NA	
4-Bromophenyl phenyl ether	ND	5.0	0.24	ug/L	NA	NA	NA	NA	NA	NA	
4-Chloro-3-methylphenol	ND	5.0	0.23	ug/L	NA	NA	NA	NA	NA	NA	
4-Chloroaniline	ND	5.0	0.59	ug/L	NA	NA	NA	NA	NA	NA	
4-Chlorophenyl phenyl ether	ND	2.0	0.25	ug/L	NA	NA	NA	NA	NA	NA	
4-Nitroaniline	ND	5.0	0.34	ug/L	NA	NA	NA	NA	NA	NA	
4-Nitrophenol	ND	5.0	0.82	ug/L	NA	NA	NA	NA	NA	NA	
Acenaphthene	ND	2.0	0.26	ug/L	NA	NA	NA	NA	NA	NA	
Acenaphthylene	ND	2.0	0.19	ug/L	NA	NA	NA	NA	NA	NA	
Aniline	ND	5.0	0.88	ug/L	NA	NA	NA	NA	NA	NA	
Anthracene	ND	2.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Benz(a)anthracene	ND	2.0	0.71	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(a)pyrene	ND	2.0	0.77	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(b)fluoranthene	ND	2.0	0.42	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(g,h,i)perylene	ND	2.0	0.67	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(k)fluoranthene	ND	2.0	0.75	ug/L	NA	NA	NA	NA	NA	NA	
Benzyl alcohol	ND	10	0.32	ug/L	NA	NA	NA	NA	NA	NA	
bis(2-Chloroethoxy)methane	ND	5.0	0.34	ug/L	NA	NA	NA	NA	NA	NA	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5K0407 - EPA 3510C

Method Blank (B5K0407-BLK1) Prepared: 11/22/05 Analyzed: 11/23/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Bis(2-Chloroethyl)ether	ND	5.0	0.42	ug/L	NA	NA	NA	NA	NA	NA	
Bis(2-chloroisopropyl)ether	ND	5.0	0.32	ug/L	NA	NA	NA	NA	NA	NA	
Bis(2-Ethylhexyl)phthalate	ND	5.0	1.5	ug/L	NA	NA	NA	NA	NA	NA	
Butyl benzyl phthalate	ND	5.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
Carbazole	ND	5.0	0.34	ug/L	NA	NA	NA	NA	NA	NA	
Chrysene	ND	2.0	0.70	ug/L	NA	NA	NA	NA	NA	NA	
Dibenz(a,h)anthracene	ND	2.0	0.78	ug/L	NA	NA	NA	NA	NA	NA	
Dibenzofuran	ND	5.0	0.27	ug/L	NA	NA	NA	NA	NA	NA	
Diethylphthalate	ND	5.0	0.30	ug/L	NA	NA	NA	NA	NA	NA	
Dimethyl phthalate	ND	5.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Di-n-butyl phthalate	ND	5.0	0.47	ug/L	NA	NA	NA	NA	NA	NA	
Di-n-octyl phthalate	ND	5.0	0.80	ug/L	NA	NA	NA	NA	NA	NA	
Fluoranthene	ND	2.0	0.26	ug/L	NA	NA	NA	NA	NA	NA	
Fluorene	ND	2.0	0.46	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorobenzene	ND	5.0	0.24	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorobutadiene	ND	5.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorocyclopentadiene	ND	5.0	0.28	ug/L	NA	NA	NA	NA	NA	NA	
Hexachloroethane	ND	5.0	0.35	ug/L	NA	NA	NA	NA	NA	NA	
Indeno(1,2,3-cd)pyrene	ND	2.0	0.78	ug/L	NA	NA	NA	NA	NA	NA	
Isophorone	ND	5.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Naphthalene	ND	5.0	0.32	ug/L	NA	NA	NA	NA	NA	NA	
Nitrobenzene	ND	5.0	0.27	ug/L	NA	NA	NA	NA	NA	NA	
N-Nitrosodimethylamine	ND	5.0	0.26	ug/L	NA	NA	NA	NA	NA	NA	
N-Nitrosodi-n-propylamine	ND	5.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
N-Nitrosodiphenylamine	ND	5.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
Pentachlorophenol	ND	5.0	0.54	ug/L	NA	NA	NA	NA	NA	NA	
Phenanthrene	ND	2.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Phenol	ND	10	2.1	ug/L	NA	NA	NA	NA	NA	NA	
Pyrene	ND	2.0	0.50	ug/L	NA	NA	NA	NA	NA	NA	
Pyridine	ND	10	2.4	ug/L	NA	NA	NA	NA	NA	NA	
Surrogate: 2,4,6-Tribromophenol	*50.5*			ug/L	*50.0*	*NA*	*101*	*65-100*			*vm*
Surrogate: 2-Fluorobiphenyl	*21.0*			ug/L	*25.0*	*NA*	*84.0*	*59-101*			
Surrogate: 2-Fluorophenol	*21.2*			ug/L	*50.0*	*NA*	*42.4*	*30-75*			
Surrogate: Nitrobenzene-d5	*17.3*			ug/L	*25.0*	*NA*	*69.2*	*57-101*			
Surrogate: Phenol-d6	*18.5*			ug/L	*50.0*	*NA*	*37.0*	*30-75*			
Surrogate: Terphenyl-d14	*22.7*			ug/L	*25.0*	*NA*	*90.8*	*65-100*			

BRAUN INTERTEC

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Service Engineering Group	Client Ref:05500	Work Order #: 0506071
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5K0407 - EPA 3510C

Laboratory Control Sample (B5K0407-BS1) Prepared: 11/22/05 Analyzed: 11/23/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	34.8	5.0	0.33	ug/L	50.0	NA	69.6	30-120	NA	NA	
1,4-Dichlorobenzene	34.1	5.0	0.29	ug/L	50.0	NA	68.2	40-110	NA	NA	
2,4-Dinitrophenol	29.9	5.0	0.96	ug/L	50.0	NA	59.8	60-120	NA	NA	
2-Chlorophenol	32.4	10	0.63	ug/L	50.0	NA	64.8	40-100	NA	NA	
4-Chloro-3-methylphenol	37.3	5.0	0.23	ug/L	50.0	NA	74.6	50-110	NA	NA	
4-Nitrophenol	24.4	5.0	0.82	ug/L	50.0	NA	48.8	30-80	NA	NA	
Acenaphthene	39.5	2.0	0.26	ug/L	50.0	NA	79.0	50-110	NA	NA	
N-Nitrosodi-n-propylamine	40.7	5.0	0.31	ug/L	50.0	NA	81.4	45-120	NA	NA	
Pentachlorophenol	45.1	5.0	0.54	ug/L	50.0	NA	90.2	45-115	NA	NA	
Phenol	19.6	10	2.1	ug/L	50.0	NA	39.2	30-80	NA	NA	
Pyrene	47.8	2.0	0.50	ug/L	50.0	NA	95.6	55-120	NA	NA	
Surrogate: 2,4,6-Tribromophenol	*49.3*			ug/L	*50.0*	*NA*	*98.6*	*65-100*			
Surrogate: 2-Fluorobiphenyl	*19.0*			ug/L	*25.0*	*NA*	*76.0*	*59-101*			
Surrogate: 2-Fluorophenol	*21.7*			ug/L	*50.0*	*NA*	*43.4*	*30-75*			
Surrogate: Nitrobenzene-d5	*16.2*			ug/L	*25.0*	*NA*	*64.8*	*57-101*			
Surrogate: Phenol-d6	*18.7*			ug/L	*50.0*	*NA*	*37.4*	*30-75*			
Surrogate: Terphenyl-d14	*23.2*			ug/L	*25.0*	*NA*	*92.8*	*65-100*			

Laboratory Control Sample Duplicate (B5K0407-BSD1) Prepared: 11/22/05 Analyzed: 11/23/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	33.7	5.0	0.33	ug/L	50.0	NA	67.4	30-120	3.21	20	
1,4-Dichlorobenzene	31.1	5.0	0.29	ug/L	50.0	NA	62.2	40-110	9.20	20	
2,4-Dinitrophenol	36.6	5.0	0.96	ug/L	50.0	NA	73.2	60-120	20.2	20	
2-Chlorophenol	30.9	10	0.63	ug/L	50.0	NA	61.8	40-100	4.74	20	
4-Chloro-3-methylphenol	36.7	5.0	0.23	ug/L	50.0	NA	73.4	50-110	1.62	20	
4-Nitrophenol	25.6	5.0	0.82	ug/L	50.0	NA	51.2	30-80	4.80	20	
Acenaphthene	39.2	2.0	0.26	ug/L	50.0	NA	78.4	50-110	0.762	20	
N-Nitrosodi-n-propylamine	39.2	5.0	0.31	ug/L	50.0	NA	78.4	45-120	3.75	20	
Pentachlorophenol	45.7	5.0	0.54	ug/L	50.0	NA	91.4	45-115	1.32	20	
Phenol	19.3	10	2.1	ug/L	50.0	NA	38.6	30-80	1.54	20	
Pyrene	46.0	2.0	0.50	ug/L	50.0	NA	92.0	55-120	3.84	20	
Surrogate: 2,4,6-Tribromophenol	*50.8*			ug/L	*50.0*	*NA*	*102*	*65-100*			
Surrogate: 2-Fluorobiphenyl	*18.9*			ug/L	*25.0*	*NA*	*75.6*	*59-101*			
Surrogate: 2-Fluorophenol	*21.1*			ug/L	*50.0*	*NA*	*42.2*	*30-75*			
Surrogate: Nitrobenzene-d5	*16.9*			ug/L	*25.0*	*NA*	*67.6*	*57-101*			
Surrogate: Phenol-d6	*19.2*			ug/L	*50.0*	*NA*	*38.4*	*30-75*			
Surrogate: Terphenyl-d14	*23.2*			ug/L	*25.0*	*NA*	*92.8*	*65-100*			

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Service Engineering Group	Client Ref:05500	Work Order #: 0506071
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0069 - EPA 5030B

Method Blank (B5L0069-BLK1) Prepared & Analyzed: 12/01/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
1,1,1-Trichloroethane	ND	1.0	0.050	ug/L	NA	NA	NA	NA	NA	NA	
1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/L	NA	NA	NA	NA	NA	NA	
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
1,1,2-Trichlorotrifluoroethane	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
1,1-Dichloroethane	ND	1.0	0.053	ug/L	NA	NA	NA	NA	NA	NA	
1,1-Dichloroethene	ND	1.0	0.085	ug/L	NA	NA	NA	NA	NA	NA	
1,1-Dichloropropene	ND	1.0	0.073	ug/L	NA	NA	NA	NA	NA	NA	
1,2,3-Trichlorobenzene	ND	1.0	0.11	ug/L	NA	NA	NA	NA	NA	NA	
1,2,3-Trichloropropane	ND	1.0	0.30	ug/L	NA	NA	NA	NA	NA	NA	
1,2,4-Trichlorobenzene	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
1,2,4-Trimethylbenzene	ND	1.0	0.071	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dibromo-3-chloropropane	ND	1.0	0.41	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dibromoethane	ND	1.0	0.064	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichloroethane	ND	1.0	0.053	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichloropropane	ND	1.0	0.050	ug/L	NA	NA	NA	NA	NA	NA	
1,3,5-Trimethylbenzene	ND	1.0	0.097	ug/L	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	ND	1.0	0.083	ug/L	NA	NA	NA	NA	NA	NA	
1,3-Dichloropropane	ND	1.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
2,2-Dichloropropane	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
2-Butanone (MEK)	ND	10	1.3	ug/L	NA	NA	NA	NA	NA	NA	
2-Chlorotoluene	ND	1.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
4-Chlorotoluene	ND	1.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
4-Isopropyltoluene	ND	1.0	0.058	ug/L	NA	NA	NA	NA	NA	NA	
Acetone	ND	20	1.5	ug/L	NA	NA	NA	NA	NA	NA	
Allyl Chloride	ND	1.0	0.26	ug/L	NA	NA	NA	NA	NA	NA	
Benzene	ND	1.0	0.045	ug/L	NA	NA	NA	NA	NA	NA	
Bromobenzene	ND	1.0	0.15	ug/L	NA	NA	NA	NA	NA	NA	
Bromochloromethane	ND	1.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Bromodichloromethane	ND	1.0	0.11	ug/L	NA	NA	NA	NA	NA	NA	
Bromoform	ND	5.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
Bromomethane	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
Carbon Tetrachloride	ND	1.0	0.057	ug/L	NA	NA	NA	NA	NA	NA	
Chlorobenzene	ND	1.0	0.042	ug/L	NA	NA	NA	NA	NA	NA	
Chlorodibromomethane	ND	1.0	0.028	ug/L	NA	NA	NA	NA	NA	NA	
Chloroethane	ND	1.0	0.11	ug/L	NA	NA	NA	NA	NA	NA	
Chloroform	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506071
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0069 - EPA 5030B

Method Blank (B5L0069-BLK1) Prepared & Analyzed: 12/01/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	ND	1.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
cis-1,2-Dichloroethene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
cis-1,3-Dichloropropene	ND	1.0	0.041	ug/L	NA	NA	NA	NA	NA	NA	
Dibromomethane	ND	1.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
Dichlorodifluoromethane	ND	1.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
Dichlorofluoromethane	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
Ethyl Ether	ND	1.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
Ethylbenzene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorobutadiene	ND	2.0	0.24	ug/L	NA	NA	NA	NA	NA	NA	
Isopropylbenzene	ND	1.0	0.064	ug/L	NA	NA	NA	NA	NA	NA	
m,p-Xylenes	ND	1.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
Methyl Isobutyl Ketone	ND	5.0	0.42	ug/L	NA	NA	NA	NA	NA	NA	
Methylene chloride	ND	5.0	0.63	ug/L	NA	NA	NA	NA	NA	NA	
Methyl-t-butyl ether	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
Naphthalene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
n-Butylbenzene	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
n-Propylbenzene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
o-Xylene	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
sec-Butylbenzene	ND	1.0	0.042	ug/L	NA	NA	NA	NA	NA	NA	
Styrene	ND	1.0	0.047	ug/L	NA	NA	NA	NA	NA	NA	
tert-Butylbenzene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
Tetrachloroethene	ND	2.0	0.19	ug/L	NA	NA	NA	NA	NA	NA	
Tetrahydrofuran	ND	5.0	1.2	ug/L	NA	NA	NA	NA	NA	NA	
Toluene	ND	1.0	0.17	ug/L	NA	NA	NA	NA	NA	NA	
trans-1,2-Dichloroethene	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
trans-1,3-Dichloropropene	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
Trichloroethene	ND	1.0	0.073	ug/L	NA	NA	NA	NA	NA	NA	
Trichlorofluoromethane	ND	1.0	0.19	ug/L	NA	NA	NA	NA	NA	NA	
Vinyl chloride	ND	1.0	0.25	ug/L	NA	NA	NA	NA	NA	NA	
Surrogate: 1,2-Dichloroethane-d4	*23.7*			ug/L	*25.0*	*NA*	*94.8*	*82-128*			
Surrogate: 4-Bromofluorobenzene	*26.0*			ug/L	*25.0*	*NA*	*104*	*76-119*			
Surrogate: Dibromofluoromethane	*25.7*			ug/L	*25.0*	*NA*	*103*	*79-127*			
Surrogate: Toluene-d8	*26.1*			ug/L	*25.0*	*NA*	*104*	*82-116*			

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Service Engineering Group	Client Ref:05500	Work Order #: 0506071
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0069 - EPA 5030B

Laboratory Control Sample (B5L0069-BS1) Prepared & Analyzed: 12/01/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	27.3	1.0	0.14	ug/L	25.0	NA	109	80-120	NA	NA	
1,1,1-Trichloroethane	25.9	1.0	0.050	ug/L	25.0	NA	104	80-120	NA	NA	
1,1,2,2-Tetrachloroethane	24.5	1.0	0.23	ug/L	25.0	NA	98.0	80-120	NA	NA	
1,1,2-Trichloroethane	24.8	1.0	0.20	ug/L	25.0	NA	99.2	80-120	NA	NA	
1,1,2-Trichlorotrifluoroethane	27.6	1.0	0.12	ug/L	25.0	NA	110	80-120	NA	NA	
1,1-Dichloroethane	23.7	1.0	0.053	ug/L	25.0	NA	94.8	80-120	NA	NA	
1,1-Dichloroethene	27.2	1.0	0.085	ug/L	25.0	NA	109	80-120	NA	NA	
1,1-Dichloropropene	24.8	1.0	0.073	ug/L	25.0	NA	99.2	80-120	NA	NA	
1,2,3-Trichlorobenzene	26.7	1.0	0.11	ug/L	25.0	NA	107	80-120	NA	NA	
1,2,3-Trichloropropane	25.1	1.0	0.30	ug/L	25.0	NA	100	80-120	NA	NA	
1,2,4-Trichlorobenzene	25.5	1.0	0.14	ug/L	25.0	NA	102	80-120	NA	NA	
1,2,4-Trimethylbenzene	24.1	1.0	0.071	ug/L	25.0	NA	96.4	80-120	NA	NA	
1,2-Dibromo-3-chloropropane	26.5	1.0	0.41	ug/L	25.0	NA	106	80-120	NA	NA	
1,2-Dibromoethane	26.4	1.0	0.064	ug/L	25.0	NA	106	80-120	NA	NA	
1,2-Dichlorobenzene	24.1	1.0	0.12	ug/L	25.0	NA	96.4	80-120	NA	NA	
1,2-Dichloroethane	23.4	1.0	0.053	ug/L	25.0	NA	93.6	80-120	NA	NA	
1,2-Dichloropropane	21.4	1.0	0.050	ug/L	25.0	NA	85.6	80-120	NA	NA	
1,3,5-Trimethylbenzene	24.0	1.0	0.097	ug/L	25.0	NA	96.0	80-120	NA	NA	
1,3-Dichlorobenzene	24.0	1.0	0.083	ug/L	25.0	NA	96.0	80-120	NA	NA	
1,3-Dichloropropane	24.5	1.0	0.13	ug/L	25.0	NA	98.0	80-120	NA	NA	
1,4-Dichlorobenzene	24.0	1.0	0.12	ug/L	25.0	NA	96.0	80-120	NA	NA	
2,2-Dichloropropane	25.0	1.0	0.10	ug/L	25.0	NA	100	80-120	NA	NA	
2-Butanone (MEK)	23.9	10	1.3	ug/L	25.0	NA	95.6	80-120	NA	NA	
2-Chlorotoluene	23.7	1.0	0.20	ug/L	25.0	NA	94.8	80-120	NA	NA	
4-Chlorotoluene	23.9	1.0	0.13	ug/L	25.0	NA	95.6	80-120	NA	NA	
4-Isopropyltoluene	25.0	1.0	0.058	ug/L	25.0	NA	100	80-120	NA	NA	
Acetone	21.7	20	1.5	ug/L	25.0	NA	86.8	80-120	NA	NA	
Allyl Chloride	25.6	1.0	0.26	ug/L	25.0	NA	102	80-120	NA	NA	
Benzene	22.6	1.0	0.045	ug/L	25.0	NA	90.4	80-120	NA	NA	
Bromobenzene	23.4	1.0	0.15	ug/L	25.0	NA	93.6	80-120	NA	NA	
Bromochloromethane	27.4	1.0	0.21	ug/L	25.0	NA	110	80-120	NA	NA	
Bromodichloromethane	23.6	1.0	0.11	ug/L	25.0	NA	94.4	80-120	NA	NA	
Bromoform	24.6	5.0	0.13	ug/L	25.0	NA	98.4	80-120	NA	NA	
Bromomethane	25.9	1.0	0.14	ug/L	25.0	NA	104	80-120	NA	NA	
Carbon Tetrachloride	24.9	1.0	0.057	ug/L	25.0	NA	99.6	80-120	NA	NA	
Chlorobenzene	26.4	1.0	0.042	ug/L	25.0	NA	106	80-120	NA	NA	
Chlorodibromomethane	28.4	1.0	0.028	ug/L	25.0	NA	114	80-120	NA	NA	
Chloroethane	24.2	1.0	0.11	ug/L	25.0	NA	96.8	80-120	NA	NA	
Chloroform	24.9	1.0	0.12	ug/L	25.0	NA	99.6	80-120	NA	NA	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506071
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0069 - EPA 5030B

Laboratory Control Sample (B5L0069-BS1) Prepared & Analyzed: 12/01/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	22.7	1.0	0.20	ug/L	25.0	NA	90.8	80-120	NA	NA	
cis-1,2-Dichloroethene	25.8	1.0	0.10	ug/L	25.0	NA	103	80-120	NA	NA	
cis-1,3-Dichloropropene	23.0	1.0	0.041	ug/L	25.0	NA	92.0	80-120	NA	NA	
Dibromomethane	22.3	1.0	0.20	ug/L	25.0	NA	89.2	80-120	NA	NA	
Dichlorodifluoromethane	23.7	1.0	0.13	ug/L	25.0	NA	94.8	80-120	NA	NA	
Dichlorofluoromethane	24.3	1.0	0.10	ug/L	25.0	NA	97.2	80-120	NA	NA	
Ethyl Ether	23.1	1.0	0.31	ug/L	25.0	NA	92.4	80-120	NA	NA	
Ethylbenzene	25.6	1.0	0.10	ug/L	25.0	NA	102	80-120	NA	NA	
Hexachlorobutadiene	24.4	2.0	0.24	ug/L	25.0	NA	97.6	80-120	NA	NA	
Isopropylbenzene	26.2	1.0	0.064	ug/L	25.0	NA	105	80-120	NA	NA	
m,p-Xylenes	51.1	1.0	0.13	ug/L	50.0	NA	102	80-120	NA	NA	
Methyl Isobutyl Ketone	20.2	5.0	0.42	ug/L	25.0	NA	80.8	80-120	NA	NA	
Methylene chloride	25.0	5.0	0.63	ug/L	25.0	NA	100	80-120	NA	NA	
Methyl-t-butyl ether	24.4	1.0	0.12	ug/L	25.0	NA	97.6	80-120	NA	NA	
Naphthalene	27.7	1.0	0.10	ug/L	25.0	NA	111	80-120	NA	NA	
n-Butylbenzene	23.8	1.0	0.12	ug/L	25.0	NA	95.2	80-120	NA	NA	
n-Propylbenzene	24.3	1.0	0.10	ug/L	25.0	NA	97.2	80-120	NA	NA	
o-Xylene	25.5	1.0	0.14	ug/L	25.0	NA	102	80-120	NA	NA	
sec-Butylbenzene	24.6	1.0	0.042	ug/L	25.0	NA	98.4	80-120	NA	NA	
Styrene	26.4	1.0	0.047	ug/L	25.0	NA	106	80-120	NA	NA	
tert-Butylbenzene	24.6	1.0	0.10	ug/L	25.0	NA	98.4	80-120	NA	NA	
Tetrachloroethene	26.0	2.0	0.19	ug/L	25.0	NA	104	80-120	NA	NA	
Tetrahydrofuran	20.6	5.0	1.2	ug/L	25.0	NA	82.4	80-120	NA	NA	
Toluene	24.7	1.0	0.17	ug/L	25.0	NA	98.8	80-120	NA	NA	
trans-1,2-Dichloroethene	25.8	1.0	0.14	ug/L	25.0	NA	103	80-120	NA	NA	
trans-1,3-Dichloropropene	23.1	1.0	0.12	ug/L	25.0	NA	92.4	80-120	NA	NA	
Trichloroethene	24.7	1.0	0.073	ug/L	25.0	NA	98.8	80-120	NA	NA	
Trichlorofluoromethane	25.3	1.0	0.19	ug/L	25.0	NA	101	80-120	NA	NA	
Vinyl chloride	21.9	1.0	0.25	ug/L	25.0	NA	87.6	80-120	NA	NA	
Surrogate: 1,2-Dichloroethane-d4	*23.8*			ug/L	*25.0*	*NA*	*95.2*	*82-128*			
Surrogate: 4-Bromofluorobenzene	*26.4*			ug/L	*25.0*	*NA*	*106*	*76-119*			
Surrogate: Dibromofluoromethane	*27.3*			ug/L	*25.0*	*NA*	*109*	*79-127*			
Surrogate: Toluene-d8	*26.5*			ug/L	*25.0*	*NA*	*106*	*82-116*			

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Service Engineering Group	Client Ref:05500	Work Order #: 0506071
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0069 - EPA 5030B

Laboratory Control Sample Duplicate (B5L0069-BSD1) Prepared & Analyzed: 12/01/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	27.1	1.0	0.14	ug/L	25.0	NA	108	80-120	0.735	20	
1,1,1-Trichloroethane	25.9	1.0	0.050	ug/L	25.0	NA	104	80-120	0.00	20	
1,1,2,2-Tetrachloroethane	24.0	1.0	0.23	ug/L	25.0	NA	96.0	80-120	2.06	20	
1,1,2-Trichloroethane	24.4	1.0	0.20	ug/L	25.0	NA	97.6	80-120	1.63	20	
1,1,2-Trichlorotrifluoroethane	27.4	1.0	0.12	ug/L	25.0	NA	110	80-120	0.727	20	
1,1-Dichloroethane	23.8	1.0	0.053	ug/L	25.0	NA	95.2	80-120	0.421	20	
1,1-Dichloroethene	26.9	1.0	0.085	ug/L	25.0	NA	108	80-120	1.11	20	
1,1-Dichloropropene	24.2	1.0	0.073	ug/L	25.0	NA	96.8	80-120	2.45	20	
1,2,3-Trichlorobenzene	23.1	1.0	0.11	ug/L	25.0	NA	92.4	80-120	14.5	20	
1,2,3-Trichloropropane	25.1	1.0	0.30	ug/L	25.0	NA	100	80-120	0.00	20	
1,2,4-Trichlorobenzene	23.0	1.0	0.14	ug/L	25.0	NA	92.0	80-120	10.3	20	
1,2,4-Trimethylbenzene	23.5	1.0	0.071	ug/L	25.0	NA	94.0	80-120	2.52	20	
1,2-Dibromo-3-chloropropane	24.7	1.0	0.41	ug/L	25.0	NA	98.8	80-120	7.03	20	
1,2-Dibromoethane	25.9	1.0	0.064	ug/L	25.0	NA	104	80-120	1.91	20	
1,2-Dichlorobenzene	23.3	1.0	0.12	ug/L	25.0	NA	93.2	80-120	3.38	20	
1,2-Dichloroethane	23.3	1.0	0.053	ug/L	25.0	NA	93.2	80-120	0.428	20	
1,2-Dichloropropane	21.2	1.0	0.050	ug/L	25.0	NA	84.8	80-120	0.939	20	
1,3,5-Trimethylbenzene	23.4	1.0	0.097	ug/L	25.0	NA	93.6	80-120	2.53	20	
1,3-Dichlorobenzene	23.4	1.0	0.083	ug/L	25.0	NA	93.6	80-120	2.53	20	
1,3-Dichloropropane	23.9	1.0	0.13	ug/L	25.0	NA	95.6	80-120	2.48	20	
1,4-Dichlorobenzene	23.3	1.0	0.12	ug/L	25.0	NA	93.2	80-120	2.96	20	
2,2-Dichloropropane	25.3	1.0	0.10	ug/L	25.0	NA	101	80-120	1.19	20	
2-Butanone (MEK)	23.0	10	1.3	ug/L	25.0	NA	92.0	80-120	3.84	20	
2-Chlorotoluene	23.2	1.0	0.20	ug/L	25.0	NA	92.8	80-120	2.13	20	
4-Chlorotoluene	23.2	1.0	0.13	ug/L	25.0	NA	92.8	80-120	2.97	20	
4-Isopropyltoluene	24.3	1.0	0.058	ug/L	25.0	NA	97.2	80-120	2.84	20	
Acetone	21.9	20	1.5	ug/L	25.0	NA	87.6	80-120	0.917	20	
Allyl Chloride	25.5	1.0	0.26	ug/L	25.0	NA	102	80-120	0.391	20	
Benzene	22.0	1.0	0.045	ug/L	25.0	NA	88.0	80-120	2.69	20	
Bromobenzene	22.7	1.0	0.15	ug/L	25.0	NA	90.8	80-120	3.04	20	
Bromochloromethane	27.3	1.0	0.21	ug/L	25.0	NA	109	80-120	0.366	20	
Bromodichloromethane	23.5	1.0	0.11	ug/L	25.0	NA	94.0	80-120	0.425	20	
Bromoform	24.2	5.0	0.13	ug/L	25.0	NA	96.8	80-120	1.64	20	
Bromomethane	24.9	1.0	0.14	ug/L	25.0	NA	99.6	80-120	3.94	20	
Carbon Tetrachloride	25.0	1.0	0.057	ug/L	25.0	NA	100	80-120	0.401	20	
Chlorobenzene	26.0	1.0	0.042	ug/L	25.0	NA	104	80-120	1.53	20	
Chlorodibromomethane	28.0	1.0	0.028	ug/L	25.0	NA	112	80-120	1.42	20	
Chloroethane	24.0	1.0	0.11	ug/L	25.0	NA	96.0	80-120	0.830	20	
Chloroform	25.0	1.0	0.12	ug/L	25.0	NA	100	80-120	0.401	20	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506071
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0069 - EPA 5030B

Laboratory Control Sample Duplicate (B5L0069-BSD1) Prepared & Analyzed: 12/01/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	22.2	1.0	0.20	ug/L	25.0	NA	88.8	80-120	2.23	20	
cis-1,2-Dichloroethene	25.7	1.0	0.10	ug/L	25.0	NA	103	80-120	0.388	20	
cis-1,3-Dichloropropene	22.7	1.0	0.041	ug/L	25.0	NA	90.8	80-120	1.31	20	
Dibromomethane	22.4	1.0	0.20	ug/L	25.0	NA	89.6	80-120	0.447	20	
Dichlorodifluoromethane	23.5	1.0	0.13	ug/L	25.0	NA	94.0	80-120	0.847	20	
Dichlorofluoromethane	24.3	1.0	0.10	ug/L	25.0	NA	97.2	80-120	0.00	20	
Ethyl Ether	23.2	1.0	0.31	ug/L	25.0	NA	92.8	80-120	0.432	20	
Ethylbenzene	25.2	1.0	0.10	ug/L	25.0	NA	101	80-120	1.57	20	
Hexachlorobutadiene	22.7	2.0	0.24	ug/L	25.0	NA	90.8	80-120	7.22	20	
Isopropylbenzene	25.8	1.0	0.064	ug/L	25.0	NA	103	80-120	1.54	20	
m,p-Xylenes	50.2	1.0	0.13	ug/L	50.0	NA	100	80-120	1.78	20	
Methyl Isobutyl Ketone	20.0	5.0	0.42	ug/L	25.0	NA	80.0	80-120	0.995	20	
Methylene chloride	24.2	5.0	0.63	ug/L	25.0	NA	96.8	80-120	3.25	20	
Methyl-t-butyl ether	24.1	1.0	0.12	ug/L	25.0	NA	96.4	80-120	1.24	20	
Naphthalene	24.0	1.0	0.10	ug/L	25.0	NA	96.0	80-120	14.3	20	
n-Butylbenzene	22.8	1.0	0.12	ug/L	25.0	NA	91.2	80-120	4.29	20	
n-Propylbenzene	23.6	1.0	0.10	ug/L	25.0	NA	94.4	80-120	2.92	20	
o-Xylene	25.2	1.0	0.14	ug/L	25.0	NA	101	80-120	1.18	20	
sec-Butylbenzene	23.8	1.0	0.042	ug/L	25.0	NA	95.2	80-120	3.31	20	
Styrene	25.9	1.0	0.047	ug/L	25.0	NA	104	80-120	1.91	20	
tert-Butylbenzene	23.8	1.0	0.10	ug/L	25.0	NA	95.2	80-120	3.31	20	
Tetrachloroethene	25.4	2.0	0.19	ug/L	25.0	NA	102	80-120	2.33	20	
Tetrahydrofuran	19.9	5.0	1.2	ug/L	25.0	NA	79.6	80-120	3.46	20	
Toluene	24.0	1.0	0.17	ug/L	25.0	NA	96.0	80-120	2.87	20	
trans-1,2-Dichloroethene	25.9	1.0	0.14	ug/L	25.0	NA	104	80-120	0.387	20	
trans-1,3-Dichloropropene	22.9	1.0	0.12	ug/L	25.0	NA	91.6	80-120	0.870	20	
Trichloroethene	24.3	1.0	0.073	ug/L	25.0	NA	97.2	80-120	1.63	20	
Trichlorofluoromethane	26.0	1.0	0.19	ug/L	25.0	NA	104	80-120	2.73	20	
Vinyl chloride	22.9	1.0	0.25	ug/L	25.0	NA	91.6	80-120	4.46	20	
Surrogate: 1,2-Dichloroethane-d4	*23.9*			ug/L	*25.0*	*NA*	*95.6*	*82-128*			
Surrogate: 4-Bromofluorobenzene	*26.6*			ug/L	*25.0*	*NA*	*106*	*76-119*			
Surrogate: Dibromofluoromethane	*27.8*			ug/L	*25.0*	*NA*	*111*	*79-127*			
Surrogate: Toluene-d8	*26.3*			ug/L	*25.0*	*NA*	*105*	*82-116*			

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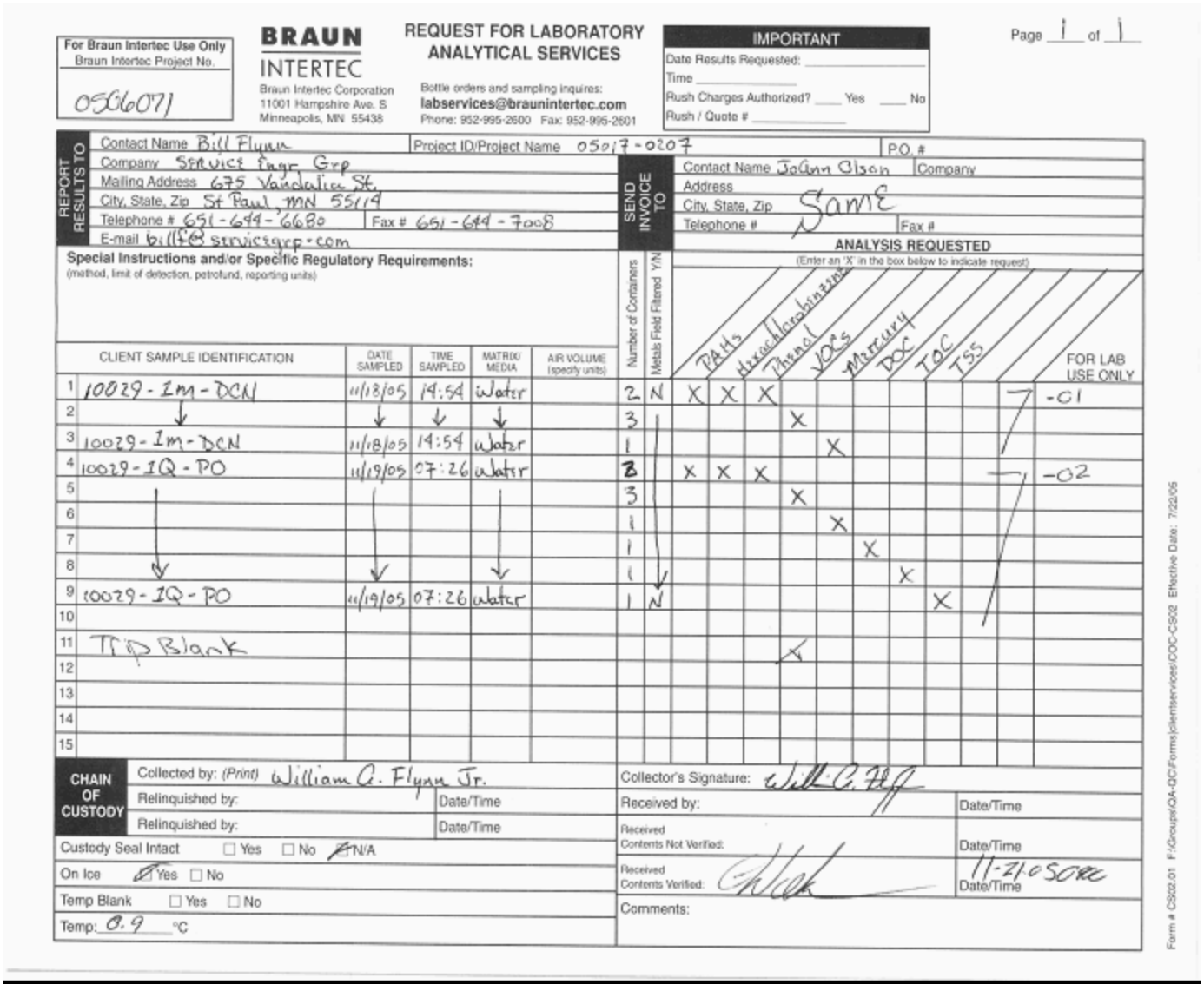
Service Engineering Group	Client Ref:05500	Work Order #: 0506071
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003



For Braun Intertec Use Only
Braun Intertec Project No.
0506071

BRAUN INTERTEC
Braun Intertec Corporation
11001 Hampshire Ave. S
Minneapolis, MN 55438

REQUEST FOR LABORATORY ANALYTICAL SERVICES

Bottle orders and sampling inquires:
labservices@braunintertec.com
Phone: 952-995-2600 Fax: 952-995-2601

IMPORTANT
Date Results Requested:
Time
Rush Charges Authorized? ___ Yes ___ No
Rush / Quote #

Page 1 of 1

REPORT RESULTS TO
Contact Name Bill Flynn
Company Service Engr. Grp
Mailing Address 675 Vandalia St.
City, State, Zip St Paul, MN 55114
Telephone # 651-644-6680 Fax # 651-644-7008
E-mail billf@serviceegrp.com

Project ID/Project Name 05017-0207
P.O. #

SEND INVOICE TO
Contact Name JoAnn Olson Company
Address
City, State, Zip Same
Telephone # Fax #

Special Instructions and/or Specific Regulatory Requirements:
(method, limit of detection, petrofund, reporting units)

ANALYSIS REQUESTED
(Enter an 'X' in the box below to indicate request)

	CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)	Number of Containers	Metals Field Filtered Y/N	PAHs	Hexachlorobenzene	Phenol	VOC's	Mercury	DOC	TOC	TSS	FOR LAB USE ONLY
1	10029-Im-DCN	11/18/05	19:54	Water		2	N	X	X	X						-01
2	↓	↓	↓	↓		3					X					
3	10029-Im-DCN	11/18/05	19:54	Water		1						X				
4	10029-IQ-PO	11/19/05	07:26	Water		3		X	X	X						-02
5						3					X					
6						1						X				
7						1							X			
8	↓	↓		↓		1								X		
9	10029-IQ-PO	11/19/05	07:26	Water		1	N								X	
10																
11	Trip Blank									X						
12																
13																
14																
15																

CHAIN OF CUSTODY
Collected by: (Print) William C. Flynn Jr.
Relinquished by: Date/Time
Relinquished by: Date/Time
Custody Seal Intact ☐ Yes ☐ No ☒ N/A
On Ice ☒ Yes ☐ No
Temp Blank ☐ Yes ☐ No
Temp: 0.9 °C

Collector's Signature: Will C. Flynn
Received by: Date/Time
Received Contents Not Verified: Date/Time
Received Contents Verified: 11-21-05 0800 Date/Time
Comments:

Form # CS02.01 F:\Groups\QA-QC\Forms\clientservices\COC-CS02 Effective Date: 7/22/05

BRAUN INTERTEC

Braun Intertec Corporation
11001 Hampshire Avenue S
Minneapolis, MN 55438

Phone: 952.995.2000
Fax: 952.995.2020
Web: brauntintertec.com

Mr. Bill Flynn
Service Engineering Group
675 Vandalia Street
St. Paul, MN 55114-1312

December 15, 2005

Work Order #: 0506250

RE: 05500

Dear Mr. Bill Flynn

Braun Intertec Corporation received samples for the project identified above on 11/29/05 13:30. Analytical results are summarized in the following report.

All routine quality assurance procedures were followed, unless otherwise noted.

Analytical results are reported on an "as received" basis unless otherwise noted. Where possible, the samples will be retained by the laboratory for 14 days following issuance of the initial final report. The samples will be disposed of or returned at that time. Arrangements can be made for extended storage by contacting me at this time.

We appreciate your decision to use Braun Intertec Corporation for this project. We are committed to being your vendor of choice to meet your analytical chemistry needs.

If you have any questions please contact me at the above phone number.

Sincerely,

Steven J. Albrecht

Steven J. Albrecht
Associate Principal

Certification/Accreditation Numbers

Minnesota Department of Health: 027-053-117 Wisconsin DNR: 999462640 NVLAP: 1021234-0 AIHA: 101103

BRAUN INTERTEC

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Service Engineering Group	Client Ref:05500	Work Order #: 0506250
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

How to Use this Report

In order to get the most out of the information presented in this report please refer to the following explanations as to how the data in this report is tied together and how some of the terms are defined.

Qualifiers and Abbreviations are defined in the following section. You will find these codes used throughout the report in headers and in note sections to designate a unique fact about the data to which they are associated.

The Case Narrative gives a "story" about the analysis and results. Here you will find greater elaboration on relevant qualifiers as well as an explanation of anything of particular note in the data. This is a discussion of the data in terms of quality control and chemistry. It is a summary of any deviations that could affect the usefulness of the data. This is not an interpretation as to how this information relates to regulatory compliance, toxicity, or hazardous characterization. These items are beyond the scope of this report.

The Sample Summary provides detail on sample receipt. The association between Client sample ID and the Laboratory sample ID are defined here; this information is valuable to have when discussing results with your project manager. Sample collection and receipt dates and times are provided here as well. General notes regarding the work order are also documented here. This is a mini "case narrative" that describes any anomalies regarding the condition of the samples upon arrival to the laboratory or special circumstances regarding the work order.

The Conditions Upon Receipt summarizes the results of specific checks that have been performed at sample receipt. This includes items like custody documentation, sample condition, and temperature at receipt. Each "cooler" is identified and the conditions associated with that cooler are documented. A "cooler" is defined as the larger container used to transport the individual samples. In most cases this is a standard recreational cooler but it can be a box, plastic bag, or other container.

The laboratory results are summarized in the following sections. Data is broken down into major categories for convenience. An example of such a category would be "Total Petroleum Hydrocarbons." Here you would find data that references the testing of such parameters as diesel range organics and gasoline range organics. Other categories are similarly mapped. The batch number is associated with each sample. This is important to evaluate Quality Control (QC) data. Surrogate results samples are provided with each sample. Laboratory control limits are provided for comparison (see below). The reference method is also identified. If a method is denoted with an "M" (e.g. EPA 1234(M)) this means that it has been modified. An explanation of the modification will be found in the Case Narrative. A result is given with appropriate units. If a soil sample is dry-weight corrected then the word "dry" will appear next to the units. If the word "dry" does not appear then the result is "as received."

The Method Reporting Limit (MRL) and Method Detection Limit (MDL) are provided. It is important to understand these terms. The MRL is a level that has been empirically verified to provide reliable quantitation of results. Results that are equal to or greater than this value will show up as bolded. They are considered "hits." The MDL is a statistically derived number that indicates, with high confidence, that an analyte can be detected above noise level. If a result is less than this value it is marked as "ND" for "Non-Detect." If a result is less than the MRL but greater than the MDL then it is considered an estimate. Such a result is reported with a "J" flag denoting that it has been detected but that the result is an estimate. This is consistent with the *CLP Statement of Work* and the *National Functional Guidelines.*

The Quality Control (QC) samples are documented in the following section. Here you will find the preparation batches associated with each sample from the results section. The sample preparation method is also defined here. Accuracy is represented here in terms of a percent recovery as compared to a known value. Precision is represented as a relative percent difference between two duplicate sample aliquots. The laboratory control limits are provided as a means to evaluate the quality control data. If the result falls outside the laboratory control limits this simply means that it is outside what is typical for the laboratory and is noted accordingly. This does not mean that the data is invalid. Laboratory control limits are generally tighter than most program limits. This is a very important distinction. How the data is ultimately used determines its validity. Program requirements are defined in the Quality Assurance Project Plan (QAPP) governing the project. If your project manager is aware of your specific program requirements then a note will be made in the case narrative if the data fails to meet any of these requirements.

The last section contains copies of important documents and/or instrument printouts relavent to the report. This includes the chain of custody. It also may include items like chromatograms or spectra.

Please note that this report is paginated and must be reproduced in its entirety.

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Service Engineering Group	Client Ref:05500	Work Order #: 0506250
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Qualifiers and Abbreviations

J	Detected but below the Method Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
go	The laboratory control sample recovery is outside of laboratory control limits.
gg1	The sample was received with insufficient time remaining to perform the analysis within the EPA recommended holding time.
COC	Chain of Custody
dry	Sample results reported on a dry weight basis
MDL	Method Detection Limit
MRL	Method Reporting Limit
NA	Not Applicable
ND	Analyte NOT DETECTED
NR	Not Reported
%Rec	Percent Recovery
RPD	Relative Percent Difference
VOC	Volatile Organic Compound

The results in this report apply only to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Service Engineering Group	Client Ref:05500	Work Order #: 0506250
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

SAMPLE SUMMARY

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
10029-1Q-DCN	0506250-01	Water	11/22/05 13:30	11/29/05 13:30
DI	0506250-02	Water	11/29/05 00:00	11/29/05 13:30

The results in this report apply only to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Service Engineering Group	Client Ref:05500	Work Order #: 0506250
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Conditions Upon Receipt

Cooler: Cooler #1

Temperature:	19.0 °C	**Received on Ice:**	No	**Preservation Confirmed:**	Yes
COC Included:	Yes	**Hand Delivered by Sampler:**	Yes	**Temperature Blank:**	No
Custody Seals Used:	Yes	**Sufficient Sample Provided:**	Yes	**COC Complete:**	Yes
Custody Seals Intact:	Yes	**Headspace Present (VOC):**	No	**COC & Labels Agree:**	Yes

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Service Engineering Group	Client Ref:05500	Work Order #: 0506250
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-1Q-DCN

0506250-01 (Water)

11/22/05 13:30

Metals

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Mercury	ND	0.20	0.011	ug/L	B5L0064	12/5/05	12/6/05	EPA 7470A	

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,2,4-Trichlorobenzene	1.4 J	5.1	0.34	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1
1,2-Dichlorobenzene	2.9 J	5.1	0.27	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1
1,2-Diphenylhydrazine	ND	5.1	0.38	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1
1,3-Dichlorobenzene	ND	5.1	0.30	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1
1,4-Dichlorobenzene	**6.2**	5.1	0.30	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1
2,4,5-Trichlorophenol	ND	5.1	0.16	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1
2,4,6-Trichlorophenol	ND	5.1	0.23	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1
2,4-Dichlorophenol	ND	10	0.29	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1
2,4-Dimethylphenol	ND	5.1	0.41	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1
2,4-Dinitrophenol	ND	5.1	0.99	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1
2,4-Dinitrotoluene	ND	5.1	0.21	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1
2,6-Dinitrotoluene	ND	5.1	0.60	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1
2-Chloronaphthalene	ND	5.1	0.30	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1
2-Chlorophenol	ND	10	0.65	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1
2-Methylnaphthalene	1.1 J	5.1	0.40	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1
2-Methylphenol	ND	10	2.6	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1
2-Nitroaniline	ND	5.1	0.48	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1
2-Nitrophenol	ND	10	0.55	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1
3,3-Dichlorobenzidine	ND	5.1	0.55	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1
3-/4-Methylphenol	ND	10	0.28	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1
3-Nitroaniline	ND	5.1	0.68	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1
4,6-Dinitro-2-methylphenol	ND	5.1	0.72	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1
4-Bromophenyl phenyl ether	ND	5.1	0.25	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1
4-Chloro-3-methylphenol	ND	5.1	0.24	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1
4-Chloroaniline	ND	5.1	0.61	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1

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Service Engineering Group	Client Ref:05500	Work Order #: 0506250
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-1Q-DCN

0506250-01 (Water)

11/22/05 13:30

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
4-Chlorophenyl phenyl ether	ND	2.1	0.25	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1
4-Nitroaniline	ND	5.1	0.35	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1
4-Nitrophenol	ND	5.1	0.84	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1
Acenaphthene	ND	2.1	0.27	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1
Acenaphthylene	ND	2.1	0.19	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1
Aniline	ND	5.1	0.90	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1
Anthracene	ND	2.1	0.21	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1
Benz(a)anthracene	ND	2.1	0.73	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1
Benzo(a)pyrene	ND	2.1	0.79	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1
Benzo(b)fluoranthene	ND	2.1	0.43	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1
Benzo(g,h,i)perylene	ND	2.1	0.69	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1
Benzo(k)fluoranthene	ND	2.1	0.77	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1
Benzyl alcohol	ND	10	0.33	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1
bis(2-Chloroethoxy)methane	ND	5.1	0.35	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1
Bis(2-Chloroethyl)ether	ND	5.1	0.43	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1
Bis(2-chloroisopropyl)ether	ND	5.1	0.33	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1
Bis(2-Ethylhexyl)phthalate	ND	5.1	1.6	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1
Butyl benzyl phthalate	ND	5.1	0.32	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1
Carbazole	ND	5.1	0.35	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1
Chrysene	ND	2.1	0.72	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1
Dibenz(a,h)anthracene	ND	2.1	0.80	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1
Dibenzofuran	ND	5.1	0.28	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1
Diethylphthalate	ND	5.1	0.31	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1
Dimethyl phthalate	ND	5.1	0.22	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1
Di-n-butyl phthalate	ND	5.1	0.48	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1
Di-n-octyl phthalate	ND	5.1	0.82	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1
Fluoranthene	ND	2.1	0.26	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1
Fluorene	ND	2.1	0.47	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1

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Service Engineering Group	Client Ref:05500	Work Order #: 0506250
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-1Q-DCN

0506250-01 (Water)

11/22/05 13:30

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Hexachlorobenzene	ND	5.1	0.25	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1
Hexachlorobutadiene	ND	5.1	0.32	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1
Hexachlorocyclopentadiene	ND	5.1	0.28	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1
Hexachloroethane	ND	5.1	0.36	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1
Indeno(1,2,3-cd)pyrene	ND	2.1	0.80	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1
Isophorone	ND	5.1	0.21	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1
Naphthalene	**16**	5.1	0.32	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1
Nitrobenzene	ND	5.1	0.27	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1
N-Nitrosodimethylamine	ND	5.1	0.27	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1
N-Nitrosodi-n-propylamine	ND	5.1	0.32	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1
N-Nitrosodiphenylamine	ND	5.1	0.32	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1
Pentachlorophenol	ND	5.1	0.56	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1
Phenanthrene	ND	2.1	0.21	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1
Phenol	ND	10	2.2	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1
Pyrene	ND	2.1	0.51	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1
Pyridine	ND	10	2.5	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	gg1
Surrogate: 2,4,6-Tribromophenol	*91.8 %*	*Limits: 65-100%*			*B5L0031*	*12/2/05*	*12/7/05*	*EPA 8270C*	*gg1*
Surrogate: 2-Fluorobiphenyl	*81.2 %*	*Limits: 59-101%*			*B5L0031*	*12/2/05*	*12/7/05*	*EPA 8270C*	*gg1*
Surrogate: 2-Fluorophenol	*50.3 %*	*Limits: 30-75%*			*B5L0031*	*12/2/05*	*12/7/05*	*EPA 8270C*	*gg1*
Surrogate: Nitrobenzene-d5	*67.6 %*	*Limits: 57-101%*			*B5L0031*	*12/2/05*	*12/7/05*	*EPA 8270C*	*gg1*
Surrogate: Phenol-d6	*43.1 %*	*Limits: 30-75%*			*B5L0031*	*12/2/05*	*12/7/05*	*EPA 8270C*	*gg1*
Surrogate: Terphenyl-d14	*91.8 %*	*Limits: 65-100%*			*B5L0031*	*12/2/05*	*12/7/05*	*EPA 8270C*	*gg1*

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	ug/L	B5L0096	12/2/05	12/6/05	EPA 8260B	
1,1,1-Trichloroethane	ND	1.0	0.050	ug/L	B5L0096	12/2/05	12/6/05	EPA 8260B	

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675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-1Q-DCN

0506250-01 (Water)

11/22/05 13:30

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/L	B5L0096	12/2/05	12/6/05	EPA 8260B	
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	B5L0096	12/2/05	12/6/05	EPA 8260B	
1,1,2-Trichlorotrifluoroethane	ND	1.0	0.12	ug/L	B5L0096	12/2/05	12/6/05	EPA 8260B	
1,1-Dichloroethane	ND	1.0	0.053	ug/L	B5L0096	12/2/05	12/6/05	EPA 8260B	
1,1-Dichloroethene	ND	1.0	0.085	ug/L	B5L0096	12/2/05	12/6/05	EPA 8260B	
1,1-Dichloropropene	ND	1.0	0.073	ug/L	B5L0096	12/2/05	12/6/05	EPA 8260B	
1,2,3-Trichlorobenzene	ND	1.0	0.11	ug/L	B5L0096	12/2/05	12/6/05	EPA 8260B	
1,2,3-Trichloropropane	ND	1.0	0.30	ug/L	B5L0096	12/2/05	12/6/05	EPA 8260B	
1,2,4-Trichlorobenzene	**2.0**	1.0	0.14	ug/L	B5L0096	12/2/05	12/6/05	EPA 8260B	
1,2,4-Trimethylbenzene	ND	1.0	0.071	ug/L	B5L0096	12/2/05	12/6/05	EPA 8260B	
1,2-Dibromo-3-chloropropane	ND	1.0	0.41	ug/L	B5L0096	12/2/05	12/6/05	EPA 8260B	
1,2-Dibromoethane	ND	1.0	0.064	ug/L	B5L0096	12/2/05	12/6/05	EPA 8260B	
1,2-Dichlorobenzene	**4.1**	1.0	0.12	ug/L	B5L0096	12/2/05	12/6/05	EPA 8260B	
1,2-Dichloroethane	ND	1.0	0.053	ug/L	B5L0096	12/2/05	12/6/05	EPA 8260B	
1,2-Dichloropropane	ND	1.0	0.050	ug/L	B5L0096	12/2/05	12/6/05	EPA 8260B	
1,3,5-Trimethylbenzene	ND	1.0	0.097	ug/L	B5L0096	12/2/05	12/6/05	EPA 8260B	
1,3-Dichlorobenzene	ND	1.0	0.083	ug/L	B5L0096	12/2/05	12/6/05	EPA 8260B	
1,3-Dichloropropane	ND	1.0	0.13	ug/L	B5L0096	12/2/05	12/6/05	EPA 8260B	
1,4-Dichlorobenzene	**9.2**	1.0	0.12	ug/L	B5L0096	12/2/05	12/6/05	EPA 8260B	
2,2-Dichloropropane	ND	1.0	0.10	ug/L	B5L0096	12/2/05	12/6/05	EPA 8260B	
2-Butanone (MEK)	ND	10	1.3	ug/L	B5L0096	12/2/05	12/6/05	EPA 8260B	
2-Chlorotoluene	ND	1.0	0.20	ug/L	B5L0096	12/2/05	12/6/05	EPA 8260B	
4-Chlorotoluene	ND	1.0	0.13	ug/L	B5L0096	12/2/05	12/6/05	EPA 8260B	
4-Isopropyltoluene	ND	1.0	0.058	ug/L	B5L0096	12/2/05	12/6/05	EPA 8260B	
Acetone	ND	20	1.5	ug/L	B5L0096	12/2/05	12/6/05	EPA 8260B	go
Allyl Chloride	ND	1.0	0.26	ug/L	B5L0096	12/2/05	12/6/05	EPA 8260B	
Benzene	ND	1.0	0.045	ug/L	B5L0096	12/2/05	12/6/05	EPA 8260B	
Bromobenzene	ND	1.0	0.15	ug/L	B5L0096	12/2/05	12/6/05	EPA 8260B	
Bromochloromethane	ND	1.0	0.21	ug/L	B5L0096	12/2/05	12/6/05	EPA 8260B	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-1Q-DCN

0506250-01 (Water)

11/22/05 13:30

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Bromodichloromethane	**4.2**	1.0	0.11	ug/L	B5L0096	12/2/05	12/6/05	EPA 8260B	
Bromoform	ND	5.0	0.13	ug/L	B5L0096	12/2/05	12/6/05	EPA 8260B	
Bromomethane	ND	1.0	0.14	ug/L	B5L0096	12/2/05	12/6/05	EPA 8260B	
Carbon Tetrachloride	ND	1.0	0.057	ug/L	B5L0096	12/2/05	12/6/05	EPA 8260B	
Chlorobenzene	**5.8**	1.0	0.042	ug/L	B5L0096	12/2/05	12/6/05	EPA 8260B	
Chlorodibromomethane	ND	1.0	0.028	ug/L	B5L0096	12/2/05	12/6/05	EPA 8260B	
Chloroethane	ND	1.0	0.11	ug/L	B5L0096	12/2/05	12/6/05	EPA 8260B	
Chloroform	**15**	1.0	0.12	ug/L	B5L0096	12/2/05	12/6/05	EPA 8260B	
Chloromethane	ND	1.0	0.20	ug/L	B5L0096	12/2/05	12/6/05	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.0	0.10	ug/L	B5L0096	12/2/05	12/6/05	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.0	0.041	ug/L	B5L0096	12/2/05	12/6/05	EPA 8260B	
Dibromomethane	ND	1.0	0.20	ug/L	B5L0096	12/2/05	12/6/05	EPA 8260B	
Dichlorodifluoromethane	ND	1.0	0.13	ug/L	B5L0096	12/2/05	12/6/05	EPA 8260B	
Dichlorofluoromethane	ND	1.0	0.10	ug/L	B5L0096	12/2/05	12/6/05	EPA 8260B	
Ethyl Ether	ND	1.0	0.31	ug/L	B5L0096	12/2/05	12/6/05	EPA 8260B	
Ethylbenzene	ND	1.0	0.10	ug/L	B5L0096	12/2/05	12/6/05	EPA 8260B	
Hexachlorobutadiene	ND	2.0	0.24	ug/L	B5L0096	12/2/05	12/6/05	EPA 8260B	
Isopropylbenzene	ND	1.0	0.064	ug/L	B5L0096	12/2/05	12/6/05	EPA 8260B	
m,p-Xylenes	ND	1.0	0.13	ug/L	B5L0096	12/2/05	12/6/05	EPA 8260B	
Methyl Isobutyl Ketone	ND	5.0	0.42	ug/L	B5L0096	12/2/05	12/6/05	EPA 8260B	go
Methylene chloride	ND	5.0	0.63	ug/L	B5L0096	12/2/05	12/6/05	EPA 8260B	
Methyl-t-butyl ether	ND	1.0	0.12	ug/L	B5L0096	12/2/05	12/6/05	EPA 8260B	
Naphthalene	ND	1.0	0.10	ug/L	B5L0096	12/2/05	12/6/05	EPA 8260B	
n-Butylbenzene	ND	1.0	0.12	ug/L	B5L0096	12/2/05	12/6/05	EPA 8260B	
n-Propylbenzene	ND	1.0	0.10	ug/L	B5L0096	12/2/05	12/6/05	EPA 8260B	
o-Xylene	ND	1.0	0.14	ug/L	B5L0096	12/2/05	12/6/05	EPA 8260B	
sec-Butylbenzene	ND	1.0	0.042	ug/L	B5L0096	12/2/05	12/6/05	EPA 8260B	
Styrene	ND	1.0	0.047	ug/L	B5L0096	12/2/05	12/6/05	EPA 8260B	
tert-Butylbenzene	ND	1.0	0.10	ug/L	B5L0096	12/2/05	12/6/05	EPA 8260B	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506250
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

10029-1Q-DCN

0506250-01 (Water)

11/22/05 13:30

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Tetrachloroethene	ND	2.0	0.19	ug/L	B5L0096	12/2/05	12/6/05	EPA 8260B	
Tetrahydrofuran	ND	5.0	1.2	ug/L	B5L0096	12/2/05	12/6/05	EPA 8260B	go
Toluene	ND	1.0	0.17	ug/L	B5L0096	12/2/05	12/6/05	EPA 8260B	
trans-1,2-Dichloroethene	ND	1.0	0.14	ug/L	B5L0096	12/2/05	12/6/05	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.0	0.12	ug/L	B5L0096	12/2/05	12/6/05	EPA 8260B	
Trichloroethene	ND	1.0	0.073	ug/L	B5L0096	12/2/05	12/6/05	EPA 8260B	
Trichlorofluoromethane	ND	1.0	0.19	ug/L	B5L0096	12/2/05	12/6/05	EPA 8260B	
Vinyl chloride	ND	1.0	0.25	ug/L	B5L0096	12/2/05	12/6/05	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4	*94.0 %*	*Limits: 82-128%*			*B5L0096*	*12/2/05*	*12/6/05*	*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene	*112 %*	*Limits: 76-119%*			*B5L0096*	*12/2/05*	*12/6/05*	*EPA 8260B*	
Surrogate: Dibromofluoromethane	*107 %*	*Limits: 79-127%*			*B5L0096*	*12/2/05*	*12/6/05*	*EPA 8260B*	
Surrogate: Toluene-d8	*105 %*	*Limits: 82-116%*			*B5L0096*	*12/2/05*	*12/6/05*	*EPA 8260B*	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506250
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

DI

0506250-02 (Water)

11/29/05 0:00

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	ug/L	B5L0096	12/2/05	12/2/05	EPA 8260B	
1,1,1-Trichloroethane	ND	1.0	0.050	ug/L	B5L0096	12/2/05	12/2/05	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/L	B5L0096	12/2/05	12/2/05	EPA 8260B	
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	B5L0096	12/2/05	12/2/05	EPA 8260B	
1,1,2-Trichlorotrifluoroethane	ND	1.0	0.12	ug/L	B5L0096	12/2/05	12/2/05	EPA 8260B	
1,1-Dichloroethane	ND	1.0	0.053	ug/L	B5L0096	12/2/05	12/2/05	EPA 8260B	
1,1-Dichloroethene	ND	1.0	0.085	ug/L	B5L0096	12/2/05	12/2/05	EPA 8260B	
1,1-Dichloropropene	ND	1.0	0.073	ug/L	B5L0096	12/2/05	12/2/05	EPA 8260B	
1,2,3-Trichlorobenzene	ND	1.0	0.11	ug/L	B5L0096	12/2/05	12/2/05	EPA 8260B	
1,2,3-Trichloropropane	ND	1.0	0.30	ug/L	B5L0096	12/2/05	12/2/05	EPA 8260B	
1,2,4-Trichlorobenzene	ND	1.0	0.14	ug/L	B5L0096	12/2/05	12/2/05	EPA 8260B	
1,2,4-Trimethylbenzene	ND	1.0	0.071	ug/L	B5L0096	12/2/05	12/2/05	EPA 8260B	
1,2-Dibromo-3-chloropropane	ND	1.0	0.41	ug/L	B5L0096	12/2/05	12/2/05	EPA 8260B	
1,2-Dibromoethane	ND	1.0	0.064	ug/L	B5L0096	12/2/05	12/2/05	EPA 8260B	
1,2-Dichlorobenzene	ND	1.0	0.12	ug/L	B5L0096	12/2/05	12/2/05	EPA 8260B	
1,2-Dichloroethane	ND	1.0	0.053	ug/L	B5L0096	12/2/05	12/2/05	EPA 8260B	
1,2-Dichloropropane	ND	1.0	0.050	ug/L	B5L0096	12/2/05	12/2/05	EPA 8260B	
1,3,5-Trimethylbenzene	ND	1.0	0.097	ug/L	B5L0096	12/2/05	12/2/05	EPA 8260B	
1,3-Dichlorobenzene	ND	1.0	0.083	ug/L	B5L0096	12/2/05	12/2/05	EPA 8260B	
1,3-Dichloropropane	ND	1.0	0.13	ug/L	B5L0096	12/2/05	12/2/05	EPA 8260B	
1,4-Dichlorobenzene	ND	1.0	0.12	ug/L	B5L0096	12/2/05	12/2/05	EPA 8260B	
2,2-Dichloropropane	ND	1.0	0.10	ug/L	B5L0096	12/2/05	12/2/05	EPA 8260B	
2-Butanone (MEK)	ND	10	1.3	ug/L	B5L0096	12/2/05	12/2/05	EPA 8260B	
2-Chlorotoluene	ND	1.0	0.20	ug/L	B5L0096	12/2/05	12/2/05	EPA 8260B	
4-Chlorotoluene	ND	1.0	0.13	ug/L	B5L0096	12/2/05	12/2/05	EPA 8260B	
4-Isopropyltoluene	ND	1.0	0.058	ug/L	B5L0096	12/2/05	12/2/05	EPA 8260B	
Acetone	ND	20	1.5	ug/L	B5L0096	12/2/05	12/2/05	EPA 8260B	go
Allyl Chloride	ND	1.0	0.26	ug/L	B5L0096	12/2/05	12/2/05	EPA 8260B	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506250
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

DI

0506250-02 (Water)

11/29/05 0:00

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	0.045	ug/L	B5L0096	12/2/05	12/2/05	EPA 8260B	
Bromobenzene	ND	1.0	0.15	ug/L	B5L0096	12/2/05	12/2/05	EPA 8260B	
Bromochloromethane	ND	1.0	0.21	ug/L	B5L0096	12/2/05	12/2/05	EPA 8260B	
Bromodichloromethane	ND	1.0	0.11	ug/L	B5L0096	12/2/05	12/2/05	EPA 8260B	
Bromoform	ND	5.0	0.13	ug/L	B5L0096	12/2/05	12/2/05	EPA 8260B	
Bromomethane	ND	1.0	0.14	ug/L	B5L0096	12/2/05	12/2/05	EPA 8260B	
Carbon Tetrachloride	ND	1.0	0.057	ug/L	B5L0096	12/2/05	12/2/05	EPA 8260B	
Chlorobenzene	ND	1.0	0.042	ug/L	B5L0096	12/2/05	12/2/05	EPA 8260B	
Chlorodibromomethane	ND	1.0	0.028	ug/L	B5L0096	12/2/05	12/2/05	EPA 8260B	
Chloroethane	ND	1.0	0.11	ug/L	B5L0096	12/2/05	12/2/05	EPA 8260B	
Chloroform	ND	1.0	0.12	ug/L	B5L0096	12/2/05	12/2/05	EPA 8260B	
Chloromethane	ND	1.0	0.20	ug/L	B5L0096	12/2/05	12/2/05	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.0	0.10	ug/L	B5L0096	12/2/05	12/2/05	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.0	0.041	ug/L	B5L0096	12/2/05	12/2/05	EPA 8260B	
Dibromomethane	ND	1.0	0.20	ug/L	B5L0096	12/2/05	12/2/05	EPA 8260B	
Dichlorodifluoromethane	ND	1.0	0.13	ug/L	B5L0096	12/2/05	12/2/05	EPA 8260B	
Dichlorofluoromethane	ND	1.0	0.10	ug/L	B5L0096	12/2/05	12/2/05	EPA 8260B	
Ethyl Ether	ND	1.0	0.31	ug/L	B5L0096	12/2/05	12/2/05	EPA 8260B	
Ethylbenzene	ND	1.0	0.10	ug/L	B5L0096	12/2/05	12/2/05	EPA 8260B	
Hexachlorobutadiene	ND	2.0	0.24	ug/L	B5L0096	12/2/05	12/2/05	EPA 8260B	
Isopropylbenzene	ND	1.0	0.064	ug/L	B5L0096	12/2/05	12/2/05	EPA 8260B	
m,p-Xylenes	ND	1.0	0.13	ug/L	B5L0096	12/2/05	12/2/05	EPA 8260B	
Methyl Isobutyl Ketone	ND	5.0	0.42	ug/L	B5L0096	12/2/05	12/2/05	EPA 8260B	go
Methylene chloride	ND	5.0	0.63	ug/L	B5L0096	12/2/05	12/2/05	EPA 8260B	
Methyl-t-butyl ether	ND	1.0	0.12	ug/L	B5L0096	12/2/05	12/2/05	EPA 8260B	
Naphthalene	ND	1.0	0.10	ug/L	B5L0096	12/2/05	12/2/05	EPA 8260B	
n-Butylbenzene	ND	1.0	0.12	ug/L	B5L0096	12/2/05	12/2/05	EPA 8260B	
n-Propylbenzene	ND	1.0	0.10	ug/L	B5L0096	12/2/05	12/2/05	EPA 8260B	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506250
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

DI

0506250-02 (Water)

11/29/05 0:00

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
o-Xylene	ND	1.0	0.14	ug/L	B5L0096	12/2/05	12/2/05	EPA 8260B	
sec-Butylbenzene	ND	1.0	0.042	ug/L	B5L0096	12/2/05	12/2/05	EPA 8260B	
Styrene	ND	1.0	0.047	ug/L	B5L0096	12/2/05	12/2/05	EPA 8260B	
tert-Butylbenzene	ND	1.0	0.10	ug/L	B5L0096	12/2/05	12/2/05	EPA 8260B	
Tetrachloroethene	ND	2.0	0.19	ug/L	B5L0096	12/2/05	12/2/05	EPA 8260B	
Tetrahydrofuran	ND	5.0	1.2	ug/L	B5L0096	12/2/05	12/2/05	EPA 8260B	go
Toluene	ND	1.0	0.17	ug/L	B5L0096	12/2/05	12/2/05	EPA 8260B	
trans-1,2-Dichloroethene	ND	1.0	0.14	ug/L	B5L0096	12/2/05	12/2/05	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.0	0.12	ug/L	B5L0096	12/2/05	12/2/05	EPA 8260B	
Trichloroethene	ND	1.0	0.073	ug/L	B5L0096	12/2/05	12/2/05	EPA 8260B	
Trichlorofluoromethane	ND	1.0	0.19	ug/L	B5L0096	12/2/05	12/2/05	EPA 8260B	
Vinyl chloride	ND	1.0	0.25	ug/L	B5L0096	12/2/05	12/2/05	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4	*91.6 %*	*Limits: 82-128%*			*B5L0096*	*12/2/05*	*12/2/05*	*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene	*108 %*	*Limits: 76-119%*			*B5L0096*	*12/2/05*	*12/2/05*	*EPA 8260B*	
Surrogate: Dibromofluoromethane	*100 %*	*Limits: 79-127%*			*B5L0096*	*12/2/05*	*12/2/05*	*EPA 8260B*	
Surrogate: Toluene-d8	*106 %*	*Limits: 82-116%*			*B5L0096*	*12/2/05*	*12/2/05*	*EPA 8260B*	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506250
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Metals - Quality Control

Batch B5L0064 - EPA 7470A

Method Blank (B5L0064-BLK1) Prepared: 12/05/05 Analyzed: 12/06/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.181 J	0.20	0.011	ug/L	NA	NA	NA	NA	NA	NA	

Method Blank (B5L0064-BLK2) Prepared & Analyzed: 12/06/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	ND	0.20	0.011	ug/L	NA	NA	NA	NA	NA	NA	

Laboratory Control Sample (B5L0064-BS1) Prepared: 12/05/05 Analyzed: 12/06/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	2.57	0.20	0.011	ug/L	2.50	NA	103	85-115	NA	NA	

Laboratory Control Sample Duplicate (B5L0064-BSD1) Prepared: 12/05/05 Analyzed: 12/06/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	2.60	0.20	0.011	ug/L	2.50	NA	104	85-115	1.16	20	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506250
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5L0031 - EPA 3510C

Method Blank (B5L0031-BLK1) Prepared: 12/02/05 Analyzed: 12/07/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	ND	5.0	0.33	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	ND	5.0	0.27	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Diphenylhydrazine	ND	5.0	0.37	ug/L	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	ND	5.0	0.30	ug/L	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	ND	5.0	0.29	ug/L	NA	NA	NA	NA	NA	NA	
2,4,5-Trichlorophenol	ND	5.0	0.15	ug/L	NA	NA	NA	NA	NA	NA	
2,4,6-Trichlorophenol	ND	5.0	0.23	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dichlorophenol	ND	10	0.28	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dimethylphenol	ND	5.0	0.40	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dinitrophenol	ND	5.0	0.96	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dinitrotoluene	ND	5.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
2,6-Dinitrotoluene	ND	5.0	0.58	ug/L	NA	NA	NA	NA	NA	NA	
2-Chloronaphthalene	ND	5.0	0.30	ug/L	NA	NA	NA	NA	NA	NA	
2-Chlorophenol	ND	10	0.63	ug/L	NA	NA	NA	NA	NA	NA	
2-Methylnaphthalene	ND	5.0	0.39	ug/L	NA	NA	NA	NA	NA	NA	
2-Methylphenol	ND	10	2.5	ug/L	NA	NA	NA	NA	NA	NA	
2-Nitroaniline	ND	5.0	0.46	ug/L	NA	NA	NA	NA	NA	NA	
2-Nitrophenol	ND	10	0.54	ug/L	NA	NA	NA	NA	NA	NA	
3,3-Dichlorobenzidine	ND	5.0	0.54	ug/L	NA	NA	NA	NA	NA	NA	
3-/4-Methylphenol	ND	10	0.28	ug/L	NA	NA	NA	NA	NA	NA	
3-Nitroaniline	ND	5.0	0.66	ug/L	NA	NA	NA	NA	NA	NA	
4,6-Dinitro-2-methylphenol	ND	5.0	0.70	ug/L	NA	NA	NA	NA	NA	NA	
4-Bromophenyl phenyl ether	ND	5.0	0.24	ug/L	NA	NA	NA	NA	NA	NA	
4-Chloro-3-methylphenol	ND	5.0	0.23	ug/L	NA	NA	NA	NA	NA	NA	
4-Chloroaniline	ND	5.0	0.59	ug/L	NA	NA	NA	NA	NA	NA	
4-Chlorophenyl phenyl ether	ND	2.0	0.25	ug/L	NA	NA	NA	NA	NA	NA	
4-Nitroaniline	ND	5.0	0.34	ug/L	NA	NA	NA	NA	NA	NA	
4-Nitrophenol	ND	5.0	0.82	ug/L	NA	NA	NA	NA	NA	NA	
Acenaphthene	ND	2.0	0.26	ug/L	NA	NA	NA	NA	NA	NA	
Acenaphthylene	ND	2.0	0.19	ug/L	NA	NA	NA	NA	NA	NA	
Aniline	ND	5.0	0.88	ug/L	NA	NA	NA	NA	NA	NA	
Anthracene	ND	2.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Benz(a)anthracene	ND	2.0	0.71	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(a)pyrene	ND	2.0	0.77	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(b)fluoranthene	ND	2.0	0.42	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(g,h,i)perylene	ND	2.0	0.67	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(k)fluoranthene	ND	2.0	0.75	ug/L	NA	NA	NA	NA	NA	NA	
Benzyl alcohol	ND	10	0.32	ug/L	NA	NA	NA	NA	NA	NA	
bis(2-Chloroethoxy)methane	ND	5.0	0.34	ug/L	NA	NA	NA	NA	NA	NA	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5L0031 - EPA 3510C

Method Blank (B5L0031-BLK1) Prepared: 12/02/05 Analyzed: 12/07/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Bis(2-Chloroethyl)ether	ND	5.0	0.42	ug/L	NA	NA	NA	NA	NA	NA	
Bis(2-chloroisopropyl)ether	ND	5.0	0.32	ug/L	NA	NA	NA	NA	NA	NA	
Bis(2-Ethylhexyl)phthalate	ND	5.0	1.5	ug/L	NA	NA	NA	NA	NA	NA	
Butyl benzyl phthalate	ND	5.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
Carbazole	ND	5.0	0.34	ug/L	NA	NA	NA	NA	NA	NA	
Chrysene	ND	2.0	0.70	ug/L	NA	NA	NA	NA	NA	NA	
Dibenz(a,h)anthracene	ND	2.0	0.78	ug/L	NA	NA	NA	NA	NA	NA	
Dibenzofuran	ND	5.0	0.27	ug/L	NA	NA	NA	NA	NA	NA	
Diethylphthalate	ND	5.0	0.30	ug/L	NA	NA	NA	NA	NA	NA	
Dimethyl phthalate	ND	5.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Di-n-butyl phthalate	ND	5.0	0.47	ug/L	NA	NA	NA	NA	NA	NA	
Di-n-octyl phthalate	ND	5.0	0.80	ug/L	NA	NA	NA	NA	NA	NA	
Fluoranthene	ND	2.0	0.26	ug/L	NA	NA	NA	NA	NA	NA	
Fluorene	ND	2.0	0.46	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorobenzene	ND	5.0	0.24	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorobutadiene	ND	5.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorocyclopentadiene	ND	5.0	0.28	ug/L	NA	NA	NA	NA	NA	NA	
Hexachloroethane	ND	5.0	0.35	ug/L	NA	NA	NA	NA	NA	NA	
Indeno(1,2,3-cd)pyrene	ND	2.0	0.78	ug/L	NA	NA	NA	NA	NA	NA	
Isophorone	ND	5.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Naphthalene	ND	5.0	0.32	ug/L	NA	NA	NA	NA	NA	NA	
Nitrobenzene	ND	5.0	0.27	ug/L	NA	NA	NA	NA	NA	NA	
N-Nitrosodimethylamine	ND	5.0	0.26	ug/L	NA	NA	NA	NA	NA	NA	
N-Nitrosodi-n-propylamine	ND	5.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
N-Nitrosodiphenylamine	ND	5.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
Pentachlorophenol	ND	5.0	0.54	ug/L	NA	NA	NA	NA	NA	NA	
Phenanthrene	ND	2.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Phenol	ND	10	2.1	ug/L	NA	NA	NA	NA	NA	NA	
Pyrene	ND	2.0	0.50	ug/L	NA	NA	NA	NA	NA	NA	
Pyridine	ND	10	2.4	ug/L	NA	NA	NA	NA	NA	NA	
Surrogate: 2,4,6-Tribromophenol	*39.8*			ug/L	*50.0*	*NA*	*79.6*	*65-100*			
Surrogate: 2-Fluorobiphenyl	*18.0*			ug/L	*25.0*	*NA*	*72.0*	*59-101*			
Surrogate: 2-Fluorophenol	*21.8*			ug/L	*50.0*	*NA*	*43.6*	*30-75*			
Surrogate: Nitrobenzene-d5	*15.4*			ug/L	*25.0*	*NA*	*61.6*	*57-101*			
Surrogate: Phenol-d6	*18.3*			ug/L	*50.0*	*NA*	*36.6*	*30-75*			
Surrogate: Terphenyl-d14	*21.2*			ug/L	*25.0*	*NA*	*84.8*	*65-100*			

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Service Engineering Group	Client Ref:05500	Work Order #: 0506250
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5L0031 - EPA 3510C

Laboratory Control Sample (B5L0031-BS1) Prepared: 12/02/05 Analyzed: 12/07/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	35.8	5.0	0.33	ug/L	50.0	NA	71.6	30-120	NA	NA	
1,4-Dichlorobenzene	37.2	5.0	0.29	ug/L	50.0	NA	74.4	40-110	NA	NA	
2-Chlorophenol	37.1	10	0.63	ug/L	50.0	NA	74.2	40-100	NA	NA	
4-Chloro-3-methylphenol	41.7	5.0	0.23	ug/L	50.0	NA	83.4	50-110	NA	NA	
4-Nitrophenol	28.3	5.0	0.82	ug/L	50.0	NA	56.6	30-80	NA	NA	
Acenaphthene	44.5	2.0	0.26	ug/L	50.0	NA	89.0	50-110	NA	NA	
N-Nitrosodi-n-propylamine	42.2	5.0	0.31	ug/L	50.0	NA	84.4	45-120	NA	NA	
Pentachlorophenol	39.9	5.0	0.54	ug/L	50.0	NA	79.8	45-115	NA	NA	
Phenol	25.8	10	2.1	ug/L	50.0	NA	51.6	30-80	NA	NA	
Pyrene	48.8	2.0	0.50	ug/L	50.0	NA	97.6	55-120	NA	NA	
Surrogate: 2,4,6-Tribromophenol	*53.9*			ug/L	*50.0*	*NA*	*108*	*65-100*			
Surrogate: 2-Fluorobiphenyl	*21.7*			ug/L	*25.0*	*NA*	*86.8*	*59-101*			
Surrogate: 2-Fluorophenol	*25.8*			ug/L	*50.0*	*NA*	*51.6*	*30-75*			
Surrogate: Nitrobenzene-d5	*18.2*			ug/L	*25.0*	*NA*	*72.8*	*57-101*			
Surrogate: Phenol-d6	*23.3*			ug/L	*50.0*	*NA*	*46.6*	*30-75*			
Surrogate: Terphenyl-d14	*24.3*			ug/L	*25.0*	*NA*	*97.2*	*65-100*			

Laboratory Control Sample Duplicate (B5L0031-BSD1) Prepared: 12/02/05 Analyzed: 12/07/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	35.3	5.0	0.33	ug/L	50.0	NA	70.6	30-120	1.41	20	
1,4-Dichlorobenzene	35.0	5.0	0.29	ug/L	50.0	NA	70.0	40-110	6.09	20	
2-Chlorophenol	35.4	10	0.63	ug/L	50.0	NA	70.8	40-100	4.69	20	
4-Chloro-3-methylphenol	39.5	5.0	0.23	ug/L	50.0	NA	79.0	50-110	5.42	20	
4-Nitrophenol	26.3	5.0	0.82	ug/L	50.0	NA	52.6	30-80	7.33	20	
Acenaphthene	43.1	2.0	0.26	ug/L	50.0	NA	86.2	50-110	3.20	20	
N-Nitrosodi-n-propylamine	42.4	5.0	0.31	ug/L	50.0	NA	84.8	45-120	0.473	20	
Pentachlorophenol	37.6	5.0	0.54	ug/L	50.0	NA	75.2	45-115	5.94	20	
Phenol	23.0	10	2.1	ug/L	50.0	NA	46.0	30-80	11.5	20	
Pyrene	48.4	2.0	0.50	ug/L	50.0	NA	96.8	55-120	0.823	20	
Surrogate: 2,4,6-Tribromophenol	*53.6*			ug/L	*50.0*	*NA*	*107*	*65-100*			
Surrogate: 2-Fluorobiphenyl	*19.9*			ug/L	*25.0*	*NA*	*79.6*	*59-101*			
Surrogate: 2-Fluorophenol	*23.0*			ug/L	*50.0*	*NA*	*46.0*	*30-75*			
Surrogate: Nitrobenzene-d5	*17.9*			ug/L	*25.0*	*NA*	*71.6*	*57-101*			
Surrogate: Phenol-d6	*21.0*			ug/L	*50.0*	*NA*	*42.0*	*30-75*			
Surrogate: Terphenyl-d14	*23.9*			ug/L	*25.0*	*NA*	*95.6*	*65-100*			

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Service Engineering Group	Client Ref:05500	Work Order #: 0506250
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0096 - EPA 5030B

Method Blank (B5L0096-BLK1) Prepared & Analyzed: 12/02/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
1,1,1-Trichloroethane	ND	1.0	0.050	ug/L	NA	NA	NA	NA	NA	NA	
1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/L	NA	NA	NA	NA	NA	NA	
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
1,1,2-Trichlorotrifluoroethane	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
1,1-Dichloroethane	ND	1.0	0.053	ug/L	NA	NA	NA	NA	NA	NA	
1,1-Dichloroethene	ND	1.0	0.085	ug/L	NA	NA	NA	NA	NA	NA	
1,1-Dichloropropene	ND	1.0	0.073	ug/L	NA	NA	NA	NA	NA	NA	
1,2,3-Trichlorobenzene	ND	1.0	0.11	ug/L	NA	NA	NA	NA	NA	NA	
1,2,3-Trichloropropane	ND	1.0	0.30	ug/L	NA	NA	NA	NA	NA	NA	
1,2,4-Trichlorobenzene	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
1,2,4-Trimethylbenzene	ND	1.0	0.071	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dibromo-3-chloropropane	ND	1.0	0.41	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dibromoethane	ND	1.0	0.064	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichloroethane	ND	1.0	0.053	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichloropropane	ND	1.0	0.050	ug/L	NA	NA	NA	NA	NA	NA	
1,3,5-Trimethylbenzene	ND	1.0	0.097	ug/L	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	ND	1.0	0.083	ug/L	NA	NA	NA	NA	NA	NA	
1,3-Dichloropropane	ND	1.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
2,2-Dichloropropane	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
2-Butanone (MEK)	ND	10	1.3	ug/L	NA	NA	NA	NA	NA	NA	
2-Chlorotoluene	ND	1.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
4-Chlorotoluene	ND	1.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
4-Isopropyltoluene	ND	1.0	0.058	ug/L	NA	NA	NA	NA	NA	NA	
Acetone	ND	20	1.5	ug/L	NA	NA	NA	NA	NA	NA	
Allyl Chloride	ND	1.0	0.26	ug/L	NA	NA	NA	NA	NA	NA	
Benzene	ND	1.0	0.045	ug/L	NA	NA	NA	NA	NA	NA	
Bromobenzene	ND	1.0	0.15	ug/L	NA	NA	NA	NA	NA	NA	
Bromochloromethane	ND	1.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Bromodichloromethane	ND	1.0	0.11	ug/L	NA	NA	NA	NA	NA	NA	
Bromoform	ND	5.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
Bromomethane	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
Carbon Tetrachloride	ND	1.0	0.057	ug/L	NA	NA	NA	NA	NA	NA	
Chlorobenzene	ND	1.0	0.042	ug/L	NA	NA	NA	NA	NA	NA	
Chlorodibromomethane	ND	1.0	0.028	ug/L	NA	NA	NA	NA	NA	NA	
Chloroethane	ND	1.0	0.11	ug/L	NA	NA	NA	NA	NA	NA	
Chloroform	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506250
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0096 - EPA 5030B

Method Blank (B5L0096-BLK1) Prepared & Analyzed: 12/02/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	ND	1.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
cis-1,2-Dichloroethene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
cis-1,3-Dichloropropene	ND	1.0	0.041	ug/L	NA	NA	NA	NA	NA	NA	
Dibromomethane	ND	1.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
Dichlorodifluoromethane	ND	1.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
Dichlorofluoromethane	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
Ethyl Ether	ND	1.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
Ethylbenzene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorobutadiene	ND	2.0	0.24	ug/L	NA	NA	NA	NA	NA	NA	
Isopropylbenzene	ND	1.0	0.064	ug/L	NA	NA	NA	NA	NA	NA	
m,p-Xylenes	ND	1.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
Methyl Isobutyl Ketone	ND	5.0	0.42	ug/L	NA	NA	NA	NA	NA	NA	
Methylene chloride	ND	5.0	0.63	ug/L	NA	NA	NA	NA	NA	NA	
Methyl-t-butyl ether	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
Naphthalene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
n-Butylbenzene	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
n-Propylbenzene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
o-Xylene	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
sec-Butylbenzene	ND	1.0	0.042	ug/L	NA	NA	NA	NA	NA	NA	
Styrene	ND	1.0	0.047	ug/L	NA	NA	NA	NA	NA	NA	
tert-Butylbenzene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
Tetrachloroethene	ND	2.0	0.19	ug/L	NA	NA	NA	NA	NA	NA	
Tetrahydrofuran	ND	5.0	1.2	ug/L	NA	NA	NA	NA	NA	NA	
Toluene	ND	1.0	0.17	ug/L	NA	NA	NA	NA	NA	NA	
trans-1,2-Dichloroethene	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
trans-1,3-Dichloropropene	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
Trichloroethene	ND	1.0	0.073	ug/L	NA	NA	NA	NA	NA	NA	
Trichlorofluoromethane	ND	1.0	0.19	ug/L	NA	NA	NA	NA	NA	NA	
Vinyl chloride	ND	1.0	0.25	ug/L	NA	NA	NA	NA	NA	NA	
Surrogate: 1,2-Dichloroethane-d4	*23.5*			ug/L	*25.0*	*NA*	*94.0*	*82-128*			
Surrogate: 4-Bromofluorobenzene	*26.9*			ug/L	*25.0*	*NA*	*108*	*76-119*			
Surrogate: Dibromofluoromethane	*25.6*			ug/L	*25.0*	*NA*	*102*	*79-127*			
Surrogate: Toluene-d8	*26.1*			ug/L	*25.0*	*NA*	*104*	*82-116*			

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Service Engineering Group	Client Ref:05500	Work Order #: 0506250
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0096 - EPA 5030B

Laboratory Control Sample (B5L0096-BS1) Prepared & Analyzed: 12/02/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	29.1	1.0	0.14	ug/L	25.0	NA	116	80-120	NA	NA	
1,1,1-Trichloroethane	26.8	1.0	0.050	ug/L	25.0	NA	107	80-120	NA	NA	
1,1,2,2-Tetrachloroethane	25.5	1.0	0.23	ug/L	25.0	NA	102	80-120	NA	NA	
1,1,2-Trichloroethane	25.8	1.0	0.20	ug/L	25.0	NA	103	80-120	NA	NA	
1,1,2-Trichlorotrifluoroethane	29.1	1.0	0.12	ug/L	25.0	NA	116	80-120	NA	NA	
1,1-Dichloroethane	24.3	1.0	0.053	ug/L	25.0	NA	97.2	80-120	NA	NA	
1,1-Dichloroethene	28.1	1.0	0.085	ug/L	25.0	NA	112	80-120	NA	NA	
1,1-Dichloropropene	25.4	1.0	0.073	ug/L	25.0	NA	102	80-120	NA	NA	
1,2,3-Trichlorobenzene	26.5	1.0	0.11	ug/L	25.0	NA	106	80-120	NA	NA	
1,2,3-Trichloropropane	27.2	1.0	0.30	ug/L	25.0	NA	109	80-120	NA	NA	
1,2,4-Trichlorobenzene	25.4	1.0	0.14	ug/L	25.0	NA	102	80-120	NA	NA	
1,2,4-Trimethylbenzene	24.7	1.0	0.071	ug/L	25.0	NA	98.8	80-120	NA	NA	
1,2-Dibromo-3-chloropropane	25.9	1.0	0.41	ug/L	25.0	NA	104	80-120	NA	NA	
1,2-Dibromoethane	27.7	1.0	0.064	ug/L	25.0	NA	111	80-120	NA	NA	
1,2-Dichlorobenzene	24.7	1.0	0.12	ug/L	25.0	NA	98.8	80-120	NA	NA	
1,2-Dichloroethane	23.9	1.0	0.053	ug/L	25.0	NA	95.6	80-120	NA	NA	
1,2-Dichloropropane	21.8	1.0	0.050	ug/L	25.0	NA	87.2	80-120	NA	NA	
1,3,5-Trimethylbenzene	24.5	1.0	0.097	ug/L	25.0	NA	98.0	80-120	NA	NA	
1,3-Dichlorobenzene	25.0	1.0	0.083	ug/L	25.0	NA	100	80-120	NA	NA	
1,3-Dichloropropane	25.1	1.0	0.13	ug/L	25.0	NA	100	80-120	NA	NA	
1,4-Dichlorobenzene	24.7	1.0	0.12	ug/L	25.0	NA	98.8	80-120	NA	NA	
2,2-Dichloropropane	26.4	1.0	0.10	ug/L	25.0	NA	106	80-120	NA	NA	
2-Butanone (MEK)	22.3	10	1.3	ug/L	25.0	NA	89.2	80-120	NA	NA	
2-Chlorotoluene	24.9	1.0	0.20	ug/L	25.0	NA	99.6	80-120	NA	NA	
4-Chlorotoluene	25.0	1.0	0.13	ug/L	25.0	NA	100	80-120	NA	NA	
4-Isopropyltoluene	25.9	1.0	0.058	ug/L	25.0	NA	104	80-120	NA	NA	
Acetone	22.9	20	1.5	ug/L	25.0	NA	91.6	80-120	NA	NA	
Allyl Chloride	25.9	1.0	0.26	ug/L	25.0	NA	104	80-120	NA	NA	
Benzene	23.5	1.0	0.045	ug/L	25.0	NA	94.0	80-120	NA	NA	
Bromobenzene	24.2	1.0	0.15	ug/L	25.0	NA	96.8	80-120	NA	NA	
Bromochloromethane	28.3	1.0	0.21	ug/L	25.0	NA	113	80-120	NA	NA	
Bromodichloromethane	24.4	1.0	0.11	ug/L	25.0	NA	97.6	80-120	NA	NA	
Bromoform	26.5	5.0	0.13	ug/L	25.0	NA	106	80-120	NA	NA	
Bromomethane	26.1	1.0	0.14	ug/L	25.0	NA	104	80-120	NA	NA	
Carbon Tetrachloride	26.7	1.0	0.057	ug/L	25.0	NA	107	80-120	NA	NA	
Chlorobenzene	27.9	1.0	0.042	ug/L	25.0	NA	112	80-120	NA	NA	
Chlorodibromomethane	30.0	1.0	0.028	ug/L	25.0	NA	120	80-120	NA	NA	
Chloroethane	24.8	1.0	0.11	ug/L	25.0	NA	99.2	80-120	NA	NA	
Chloroform	25.6	1.0	0.12	ug/L	25.0	NA	102	80-120	NA	NA	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506250
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0096 - EPA 5030B

Laboratory Control Sample (B5L0096-BS1) Prepared & Analyzed: 12/02/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	24.0	1.0	0.20	ug/L	25.0	NA	96.0	80-120	NA	NA	
cis-1,2-Dichloroethene	26.6	1.0	0.10	ug/L	25.0	NA	106	80-120	NA	NA	
cis-1,3-Dichloropropene	23.6	1.0	0.041	ug/L	25.0	NA	94.4	80-120	NA	NA	
Dibromomethane	23.4	1.0	0.20	ug/L	25.0	NA	93.6	80-120	NA	NA	
Dichlorodifluoromethane	22.9	1.0	0.13	ug/L	25.0	NA	91.6	80-120	NA	NA	
Dichlorofluoromethane	25.2	1.0	0.10	ug/L	25.0	NA	101	80-120	NA	NA	
Ethyl Ether	24.1	1.0	0.31	ug/L	25.0	NA	96.4	80-120	NA	NA	
Ethylbenzene	27.2	1.0	0.10	ug/L	25.0	NA	109	80-120	NA	NA	
Hexachlorobutadiene	24.8	2.0	0.24	ug/L	25.0	NA	99.2	80-120	NA	NA	
Isopropylbenzene	28.1	1.0	0.064	ug/L	25.0	NA	112	80-120	NA	NA	
m,p-Xylenes	55.6	1.0	0.13	ug/L	50.0	NA	111	80-120	NA	NA	
Methyl Isobutyl Ketone	20.8	5.0	0.42	ug/L	25.0	NA	83.2	80-120	NA	NA	
Methylene chloride	24.9	5.0	0.63	ug/L	25.0	NA	99.6	80-120	NA	NA	
Methyl-t-butyl ether	25.0	1.0	0.12	ug/L	25.0	NA	100	80-120	NA	NA	
Naphthalene	26.7	1.0	0.10	ug/L	25.0	NA	107	80-120	NA	NA	
n-Butylbenzene	24.1	1.0	0.12	ug/L	25.0	NA	96.4	80-120	NA	NA	
n-Propylbenzene	24.8	1.0	0.10	ug/L	25.0	NA	99.2	80-120	NA	NA	
o-Xylene	27.6	1.0	0.14	ug/L	25.0	NA	110	80-120	NA	NA	
sec-Butylbenzene	25.3	1.0	0.042	ug/L	25.0	NA	101	80-120	NA	NA	
Styrene	28.4	1.0	0.047	ug/L	25.0	NA	114	80-120	NA	NA	
tert-Butylbenzene	25.3	1.0	0.10	ug/L	25.0	NA	101	80-120	NA	NA	
Tetrachloroethene	27.6	2.0	0.19	ug/L	25.0	NA	110	80-120	NA	NA	
Tetrahydrofuran	20.1	5.0	1.2	ug/L	25.0	NA	80.4	80-120	NA	NA	
Toluene	25.5	1.0	0.17	ug/L	25.0	NA	102	80-120	NA	NA	
trans-1,2-Dichloroethene	26.8	1.0	0.14	ug/L	25.0	NA	107	80-120	NA	NA	
trans-1,3-Dichloropropene	24.0	1.0	0.12	ug/L	25.0	NA	96.0	80-120	NA	NA	
Trichloroethene	26.5	1.0	0.073	ug/L	25.0	NA	106	80-120	NA	NA	
Trichlorofluoromethane	26.5	1.0	0.19	ug/L	25.0	NA	106	80-120	NA	NA	
Vinyl chloride	23.4	1.0	0.25	ug/L	25.0	NA	93.6	80-120	NA	NA	
Surrogate: 1,2-Dichloroethane-d4	*23.2*			ug/L	*25.0*	*NA*	*92.8*	*82-128*			
Surrogate: 4-Bromofluorobenzene	*27.9*			ug/L	*25.0*	*NA*	*112*	*76-119*			
Surrogate: Dibromofluoromethane	*26.4*			ug/L	*25.0*	*NA*	*106*	*79-127*			
Surrogate: Toluene-d8	*26.4*			ug/L	*25.0*	*NA*	*106*	*82-116*			

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:05500	Work Order #: 0506250
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0096 - EPA 5030B

Laboratory Control Sample Duplicate (B5L0096-BSD1) Prepared & Analyzed: 12/02/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	28.9	1.0	0.14	ug/L	25.0	NA	116	80-120	0.690	20	
1,1,1-Trichloroethane	26.9	1.0	0.050	ug/L	25.0	NA	108	80-120	0.372	20	
1,1,2,2-Tetrachloroethane	24.5	1.0	0.23	ug/L	25.0	NA	98.0	80-120	4.00	20	
1,1,2-Trichloroethane	25.1	1.0	0.20	ug/L	25.0	NA	100	80-120	2.75	20	
1,1,2-Trichlorotrifluoroethane	29.2	1.0	0.12	ug/L	25.0	NA	117	80-120	0.343	20	
1,1-Dichloroethane	23.8	1.0	0.053	ug/L	25.0	NA	95.2	80-120	2.08	20	
1,1-Dichloroethene	28.3	1.0	0.085	ug/L	25.0	NA	113	80-120	0.709	20	
1,1-Dichloropropene	25.2	1.0	0.073	ug/L	25.0	NA	101	80-120	0.791	20	
1,2,3-Trichlorobenzene	25.0	1.0	0.11	ug/L	25.0	NA	100	80-120	5.83	20	
1,2,3-Trichloropropane	25.8	1.0	0.30	ug/L	25.0	NA	103	80-120	5.28	20	
1,2,4-Trichlorobenzene	25.1	1.0	0.14	ug/L	25.0	NA	100	80-120	1.19	20	
1,2,4-Trimethylbenzene	26.4	1.0	0.071	ug/L	25.0	NA	106	80-120	6.65	20	
1,2-Dibromo-3-chloropropane	25.2	1.0	0.41	ug/L	25.0	NA	101	80-120	2.74	20	
1,2-Dibromoethane	26.8	1.0	0.064	ug/L	25.0	NA	107	80-120	3.30	20	
1,2-Dichlorobenzene	25.9	1.0	0.12	ug/L	25.0	NA	104	80-120	4.74	20	
1,2-Dichloroethane	23.4	1.0	0.053	ug/L	25.0	NA	93.6	80-120	2.11	20	
1,2-Dichloropropane	21.8	1.0	0.050	ug/L	25.0	NA	87.2	80-120	0.00	20	
1,3,5-Trimethylbenzene	26.5	1.0	0.097	ug/L	25.0	NA	106	80-120	7.84	20	
1,3-Dichlorobenzene	26.5	1.0	0.083	ug/L	25.0	NA	106	80-120	5.83	20	
1,3-Dichloropropane	24.7	1.0	0.13	ug/L	25.0	NA	98.8	80-120	1.61	20	
1,4-Dichlorobenzene	26.3	1.0	0.12	ug/L	25.0	NA	105	80-120	6.27	20	
2,2-Dichloropropane	26.2	1.0	0.10	ug/L	25.0	NA	105	80-120	0.760	20	
2-Butanone (MEK)	20.8	10	1.3	ug/L	25.0	NA	83.2	80-120	6.96	20	
2-Chlorotoluene	26.4	1.0	0.20	ug/L	25.0	NA	106	80-120	5.85	20	
4-Chlorotoluene	26.5	1.0	0.13	ug/L	25.0	NA	106	80-120	5.83	20	
4-Isopropyltoluene	27.8	1.0	0.058	ug/L	25.0	NA	111	80-120	7.08	20	
Acetone	17.9 J	20	1.5	ug/L	25.0	NA	71.6	80-120	24.5	20	
Allyl Chloride	25.7	1.0	0.26	ug/L	25.0	NA	103	80-120	0.775	20	
Benzene	23.2	1.0	0.045	ug/L	25.0	NA	92.8	80-120	1.28	20	
Bromobenzene	25.5	1.0	0.15	ug/L	25.0	NA	102	80-120	5.23	20	
Bromochloromethane	27.5	1.0	0.21	ug/L	25.0	NA	110	80-120	2.87	20	
Bromodichloromethane	24.2	1.0	0.11	ug/L	25.0	NA	96.8	80-120	0.823	20	
Bromoform	25.2	5.0	0.13	ug/L	25.0	NA	101	80-120	5.03	20	
Bromomethane	24.1	1.0	0.14	ug/L	25.0	NA	96.4	80-120	7.97	20	
Carbon Tetrachloride	27.0	1.0	0.057	ug/L	25.0	NA	108	80-120	1.12	20	
Chlorobenzene	28.1	1.0	0.042	ug/L	25.0	NA	112	80-120	0.714	20	
Chlorodibromomethane	29.6	1.0	0.028	ug/L	25.0	NA	118	80-120	1.34	20	
Chloroethane	24.7	1.0	0.11	ug/L	25.0	NA	98.8	80-120	0.404	20	
Chloroform	25.5	1.0	0.12	ug/L	25.0	NA	102	80-120	0.391	20	

BRAUN INTERTEC

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Service Engineering Group	Client Ref:05500	Work Order #: 0506250
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0096 - EPA 5030B

Laboratory Control Sample Duplicate (B5L0096-BSD1) Prepared & Analyzed: 12/02/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	23.4	1.0	0.20	ug/L	25.0	NA	93.6	80-120	2.53	20	
cis-1,2-Dichloroethene	26.7	1.0	0.10	ug/L	25.0	NA	107	80-120	0.375	20	
cis-1,3-Dichloropropene	23.4	1.0	0.041	ug/L	25.0	NA	93.6	80-120	0.851	20	
Dibromomethane	23.0	1.0	0.20	ug/L	25.0	NA	92.0	80-120	1.72	20	
Dichlorodifluoromethane	22.8	1.0	0.13	ug/L	25.0	NA	91.2	80-120	0.438	20	
Dichlorofluoromethane	24.8	1.0	0.10	ug/L	25.0	NA	99.2	80-120	1.60	20	
Ethyl Ether	23.9	1.0	0.31	ug/L	25.0	NA	95.6	80-120	0.833	20	
Ethylbenzene	27.3	1.0	0.10	ug/L	25.0	NA	109	80-120	0.367	20	
Hexachlorobutadiene	25.8	2.0	0.24	ug/L	25.0	NA	103	80-120	3.95	20	
Isopropylbenzene	28.2	1.0	0.064	ug/L	25.0	NA	113	80-120	0.355	20	
m,p-Xylenes	54.5	1.0	0.13	ug/L	50.0	NA	109	80-120	2.00	20	
Methyl Isobutyl Ketone	19.8	5.0	0.42	ug/L	25.0	NA	79.2	80-120	4.93	20	
Methylene chloride	24.5	5.0	0.63	ug/L	25.0	NA	98.0	80-120	1.62	20	
Methyl-t-butyl ether	24.4	1.0	0.12	ug/L	25.0	NA	97.6	80-120	2.43	20	
Naphthalene	25.9	1.0	0.10	ug/L	25.0	NA	104	80-120	3.04	20	
n-Butylbenzene	26.0	1.0	0.12	ug/L	25.0	NA	104	80-120	7.58	20	
n-Propylbenzene	26.8	1.0	0.10	ug/L	25.0	NA	107	80-120	7.75	20	
o-Xylene	27.2	1.0	0.14	ug/L	25.0	NA	109	80-120	1.46	20	
sec-Butylbenzene	27.0	1.0	0.042	ug/L	25.0	NA	108	80-120	6.50	20	
Styrene	27.8	1.0	0.047	ug/L	25.0	NA	111	80-120	2.14	20	
tert-Butylbenzene	27.2	1.0	0.10	ug/L	25.0	NA	109	80-120	7.24	20	
Tetrachloroethene	27.9	2.0	0.19	ug/L	25.0	NA	112	80-120	1.08	20	
Tetrahydrofuran	18.1	5.0	1.2	ug/L	25.0	NA	72.4	80-120	10.5	20	
Toluene	25.5	1.0	0.17	ug/L	25.0	NA	102	80-120	0.00	20	
trans-1,2-Dichloroethene	26.9	1.0	0.14	ug/L	25.0	NA	108	80-120	0.372	20	
trans-1,3-Dichloropropene	23.4	1.0	0.12	ug/L	25.0	NA	93.6	80-120	2.53	20	
Trichloroethene	26.4	1.0	0.073	ug/L	25.0	NA	106	80-120	0.378	20	
Trichlorofluoromethane	26.7	1.0	0.19	ug/L	25.0	NA	107	80-120	0.752	20	
Vinyl chloride	23.8	1.0	0.25	ug/L	25.0	NA	95.2	80-120	1.69	20	
Surrogate: 1,2-Dichloroethane-d4	*23.0*			ug/L	*25.0*	*NA*	*92.0*	*82-128*			
Surrogate: 4-Bromofluorobenzene	*26.9*			ug/L	*25.0*	*NA*	*108*	*76-119*			
Surrogate: Dibromofluoromethane	*26.5*			ug/L	*25.0*	*NA*	*106*	*79-127*			
Surrogate: Toluene-d8	*26.5*			ug/L	*25.0*	*NA*	*106*	*82-116*			

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
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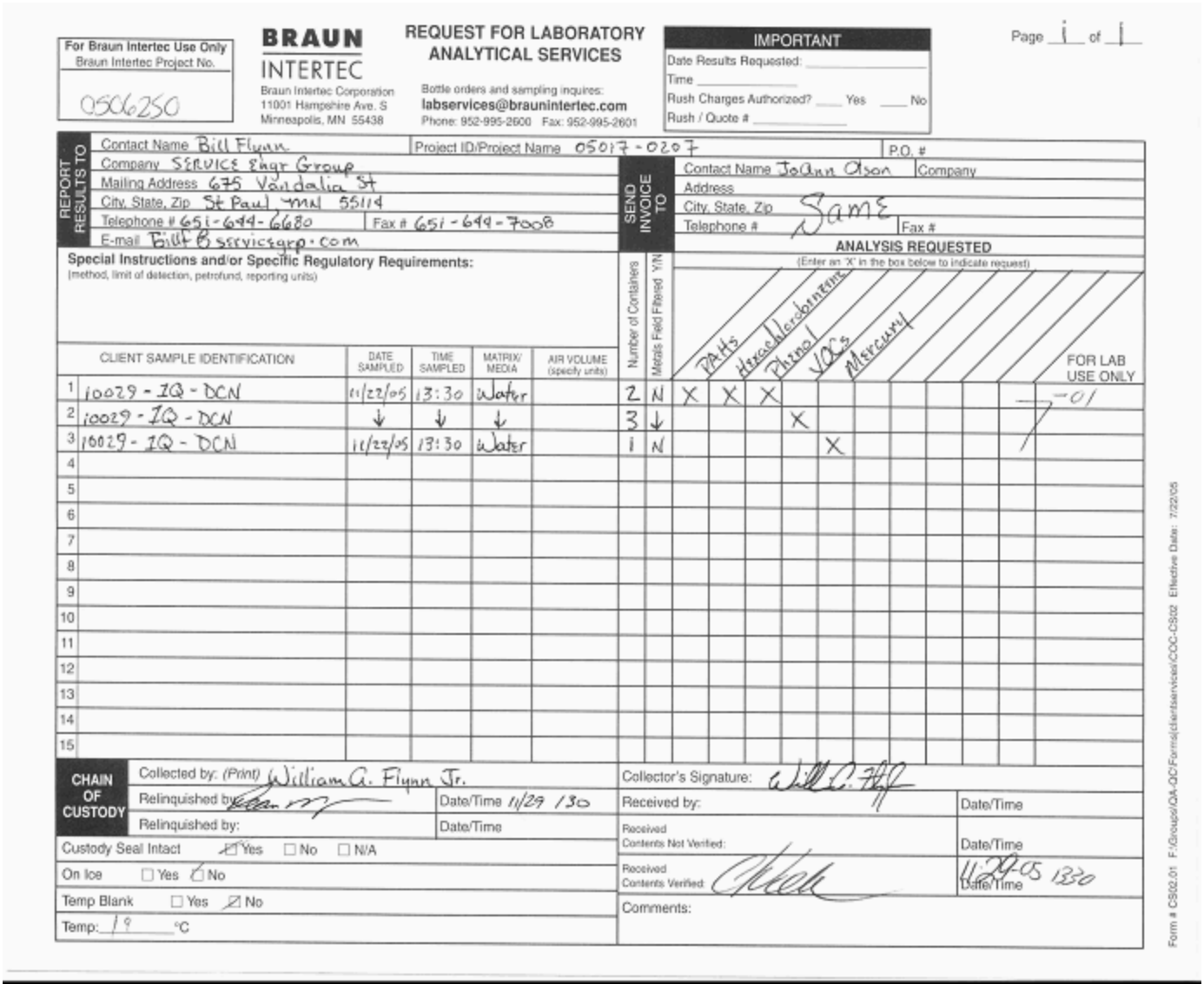
Service Engineering Group	Client Ref:05500	Work Order #: 0506250
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003



For Braun Intertec Use Only
Braun Intertec Project No.
0506250

BRAUN INTERTEC
Braun Intertec Corporation
11001 Hampshire Ave. S
Minneapolis, MN 55438

REQUEST FOR LABORATORY ANALYTICAL SERVICES

Bottle orders and sampling inquires:
labservices@braunintertec.com
Phone: 952-995-2600 Fax: 952-995-2601

IMPORTANT
Date Results Requested:
Time
Rush Charges Authorized? ___ Yes ___ No
Rush / Quote #

Page 1 of 1

REPORT RESULTS TO
Contact Name Bill Flynn
Company SERVICE Engr Group
Mailing Address 675 Vandalia St
City, State, Zip St Paul MN 55114
Telephone # 651-644-6680 Fax # 651-644-7008
E-mail BillF@servicesgrp.com

Project ID/Project Name 05017-0207
P.O. #

SEND INVOICE TO
Contact Name JoAnn Olson Company
Address
City, State, Zip Same
Telephone # Fax #

Special Instructions and/or Specific Regulatory Requirements:
(method, limit of detection, petrofund, reporting units)

ANALYSIS REQUESTED
(Enter an 'X' in the box below to indicate request)

	CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)	Number of Containers	Metals Field Filtered Y/N	PAHs	Hexachlorobenzene	Phenol	VOCs	Mercury	FOR LAB USE ONLY
1	10029-IQ-DCN	11/22/05	13:30	Water		2	N	X	X	X			-01
2	10029-IQ-DCN	↓	↓	↓		3	↓				X		
3	10029-IQ-DCN	11/22/05	13:30	Water		1	N					X	
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													

CHAIN OF CUSTODY
Collected by: (Print) William A. Flynn Jr.
Relinquished by: Date/Time 11/29 130
Relinquished by: Date/Time
Custody Seal Intact ☑ Yes ☐ No ☐ N/A
On Ice ☐ Yes ☑ No
Temp Blank ☐ Yes ☑ No
Temp: 19 °C

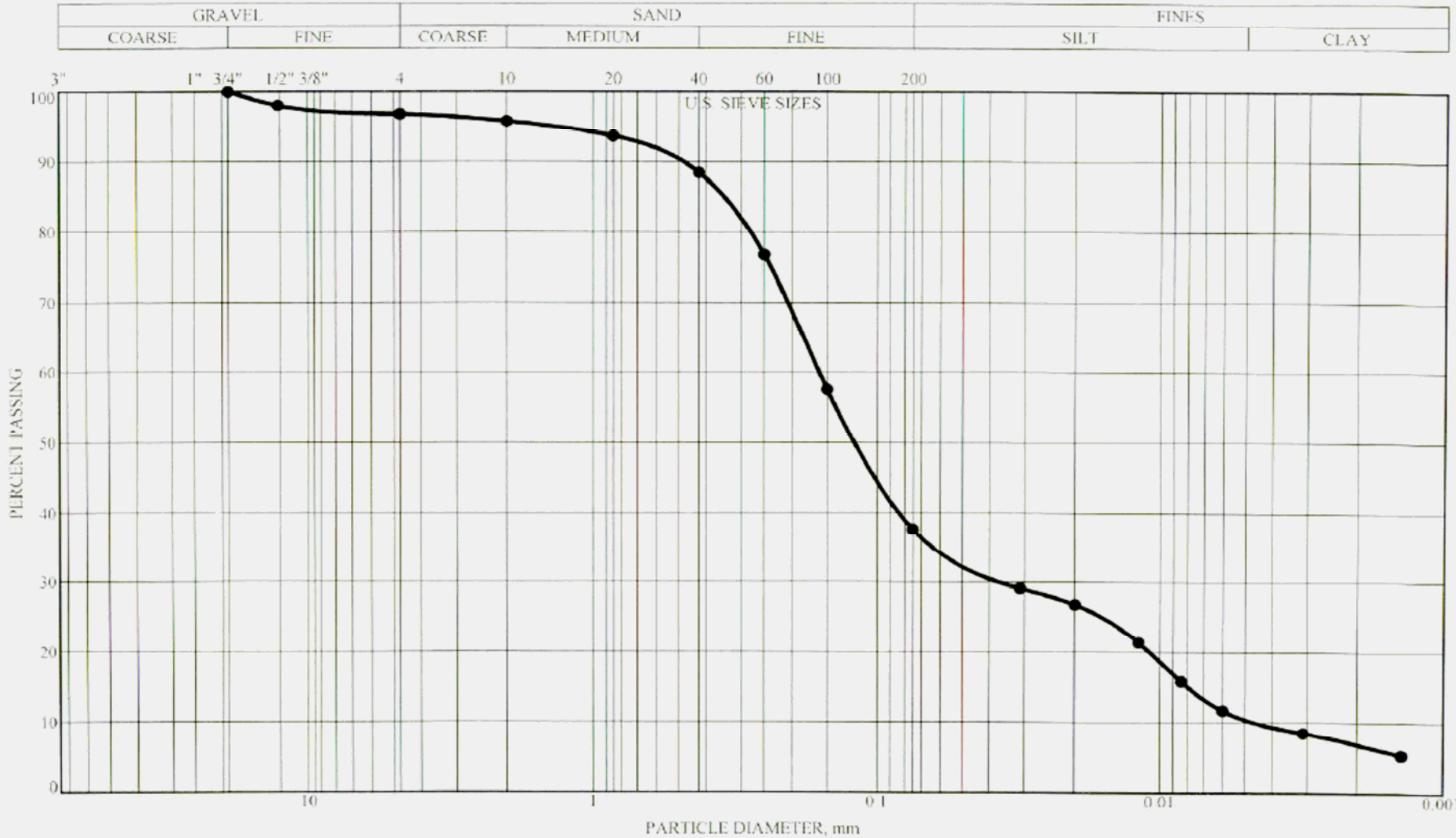
Collector's Signature: William A. Flynn
Received by: Date/Time
Received Contents Not Verified: Date/Time
Received Contents Verified: 11-29-05 1330 Date/Time
Comments:

Form # CS02-01 F:\Groups\QA-QC\Forms\clientservices\COC-CS02 Effective Date: 7/22/05

EPA Lab ID: MN00063

The results in this report apply only to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

GRAIN SIZE ACCUMULATION CURVE (ASTM)



BRAUN INTERTEC

Braun Project BL-05-05783
05017-0207 ~~05062948-01~~ 05062949-01
Service Environmental & Engineering
St. Paul, MN

BORING 60028-IN-PR DEPTH 0.0'

GRAVEL	3.2%
SAND	59.1%
SILT	26.9%
CLAY	10.8%
D60=0.160	Cu=37.8
D30=0.034	Cc=1.7
D10=0.004	

CLASSIFICATION:
SILTY SAND(SM)

SMU 6 Grain Size

GS ASTM BL-05-05783.GPJ BRAUN.GDT 12/5/05 13:17

BRAUN INTERTEC

Braun Intertec Corporation
11001 Hampshire Avenue S
Minneapolis, MN 55438

Phone: 952.995.2000
Fax: 952.995.2020
Web: brauninterlec.com

Mr. Bill Flynn
Service Engineering Group
675 Vandalia Street
St. Paul, MN 55114-1312

December 21, 2005

Work Order #: 0506248

RE: 05500

Dear Mr. Bill Flynn

Braun Intertec Corporation received samples for the project identified above on 11/29/05 13:30. Analytical results are summarized in the following report.

All routine quality assurance procedures were followed, unless otherwise noted.

Where possible, the samples will be retained by the laboratory for 14 days following issuance of the initial final report. The samples will be disposed of or returned at that time.

We appreciate your decision to use Braun Intertec Corporation for this project. We are committed to being your vendor of choice to meet your analytical chemistry needs.

If you have any questions please contact me at the above phone number.

Sincerely,
BRAUN INTERTEC CORPORATION

Steven J. Albrecht
Associate Principal

AIHA Environmental Lead and Industrial Hygiene ACCREDITED LABORATORY
AIHA 101103

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:	05500	Work Order #:	0506248
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

Qualifiers and Abbreviations

ir	The recovery study yielded results of <75%. Per the NIOSH Manual of Analytical Methods, the result is considered semi-quantitative.
io	The result was corrected for method blank concentrations.
ia	The back section of the sample tube contained greater than 10 percent of the amount collected on the front section. This indicates possible analyte breakthrough (loss) during field sampling.
A1	The Laboratory Control Spike Duplicate was outside of laboratory limits. The LCSD recovery was 123%. The results may be biased high.
COC	Chain of Custody
MRL	Method Reporting Limit
ppm	Parts per million in Air
NA	Not Applicable
NR	Not Reported
%Rec	Percent Recovery
RPD	Relative Percent Difference

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref: 05500	Work Order #: 0506248
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

SAMPLE SUMMARY

Sample ID	Laboratory ID	Matrix	Air Volume (L) / Time (Min)	Date Sampled	Date Received
60028-IN-(0-2)	0506248-01	Air Tube	300	11/28/05 11:25	11/29/05 13:30
60028-IN-(0-2)	0506248-02	Air Tube	301.2	11/28/05 11:25	11/29/05 13:30
60028-IN-(0-2)	0506248-03	Air	303.6	11/28/05 11:25	11/29/05 13:30
60028-IN-(0-2)	0506248-04	Air Tube	301.2	11/28/05 11:25	11/29/05 13:30
60028-IN-(0-2)	0506248-05	Air Tube	304.8	11/28/05 11:25	11/29/05 13:30
60028-IN-(2-6)	0506248-06	Air Tube	600	11/28/05 15:33	11/29/05 13:30
60028-IN-(2-6)	0506248-07	Air Tube	602.4	11/28/05 15:33	11/29/05 13:30
60028-IN-(2-6)	0506248-08	Air	607.2	11/28/05 15:33	11/29/05 13:30
60028-IN-(2-6)	0506248-09	Air Tube	602.4	11/28/05 15:33	11/29/05 13:30
60028-IN-(2-6)	0506248-10	Air Tube	609.6	11/28/05 15:33	11/29/05 13:30
60028-IN-(6-22)	0506248-11	Air Tube	2400	11/29/05 07:25	11/29/05 13:30
60028-IN-(6-22)	0506248-12	Air Tube	2410	11/29/05 07:25	11/29/05 13:30
60028-IN-(6-22)	0506248-13	Air	2429	11/29/05 07:25	11/29/05 13:30
60028-IN-(6-22)	0506248-14	Air Tube	2410	11/29/05 07:25	11/29/05 13:30
60028-IN-(6-22)	0506248-15	Air Tube	2438	11/29/05 07:25	11/29/05 13:30

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506248
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

60028-IN-(0-2)

0506248-01 (Air Tube)

11/28/05 11:25

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
1,2,3-Trichlorobenzene	< 11.7	11.7	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
1,2,4-Trichlorobenzene	< 11.3	11.3	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
1,3,5-Trichlorobenzene	< 11.7	11.7	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
1,4-Dichlorobenzene	< 11.6	11.6	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
1,1,1-Trichloroethane	**14.8**	9.71	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
2-Ethoxyethyl Acetate	< 12.3	12.3	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Acetone	**26.0**	11.0	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Benzene	**20.5**	4.95	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Chlorobenzene	< 10.2	10.2	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Chloroform	**59.5**	10.2	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Ethanol	**64.0**	14.3	ug/m³	1	12/6/05	12/7/05	IHVOCS1	ia, ir
Ethyl Acetate	< 10.2	10.2	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Ethyl Benzene	**15.1**	9.80	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Isobutanol	< 11.5	11.5	ug/m³	1	12/6/05	12/7/05	IHVOCS1	ir
Isopropanol	**59.5**	12.8	ug/m³	1	12/6/05	12/7/05	IHVOCS1	ia, ir
Methyl Ethyl Ketone	< 11.2	11.2	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Methyl Isobutyl Ketone	< 10.2	10.2	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Methylene Chloride	**23.9**	9.80	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
n-Butyl Acetate	< 10.1	10.1	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
n-Hexane	**37.8**	9.71	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Stoddard Solvent	**342**	49.5	ug/m³	1	12/6/05	12/7/05	IHVOCS1	io
Styrene	< 13.0	13.0	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Tetrachloroethene	< 9.90	9.90	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Tetrahydrofuran	**21.5**	10.8	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Toluene	**60.3**	10.1	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
TPH as Gasoline	**1180**	51.0	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Trichloroethene	< 10.0	10.0	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
VM&P Naphtha	< 48.1	48.1	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Xylenes, Total	**73.8**	10.0	ug/m³	1	12/6/05	12/7/05	IHVOCS1	

BRAUN INTERTEC

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506248
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

60028-IN-(0-2)

0506248-02 (Air Tube)

11/28/05 11:25

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Acenaphthene	< 3.67	3.67	ug/m³	1	12/6/05	12/6/05	NIOSH 5506	
Acenaphthylene	< 3.38	3.38	ug/m³	1	12/6/05	12/6/05	NIOSH 5506	
Anthracene	< 3.66	3.66	ug/m³	1	12/6/05	12/6/05	NIOSH 5506	
Benz(a)anthracene	< 3.96	3.96	ug/m³	1	12/6/05	12/6/05	NIOSH 5506	
Benzo(a)pyrene	< 4.19	4.19	ug/m³	1	12/6/05	12/6/05	NIOSH 5506	
Benzo(b)fluoranthene	< 4.14	4.14	ug/m³	1	12/6/05	12/6/05	NIOSH 5506	
Benzo(g,h,i)perylene	< 5.12	5.12	ug/m³	1	12/6/05	12/6/05	NIOSH 5506	
Benzo(k)fluoranthene	< 4.19	4.19	ug/m³	1	12/6/05	12/6/05	NIOSH 5506	
Chrysene	< 3.98	3.98	ug/m³	1	12/6/05	12/6/05	NIOSH 5506	
Dibenz(a,h)anthracene	< 4.27	4.27	ug/m³	1	12/6/05	12/6/05	NIOSH 5506	
Fluoranthene	< 3.79	3.79	ug/m³	1	12/6/05	12/6/05	NIOSH 5506	
Fluorene	< 3.60	3.60	ug/m³	1	12/6/05	12/6/05	NIOSH 5506	
Indeno(1,2,3-cd)pyrene	< 4.50	4.50	ug/m³	1	12/6/05	12/6/05	NIOSH 5506	
Naphthalene	< 3.68	3.68	ug/m³	1	12/6/05	12/6/05	NIOSH 5506	
Phenanthrene	< 3.68	3.68	ug/m³	1	12/6/05	12/6/05	NIOSH 5506	
Pyrene	< 3.85	3.85	ug/m³	1	12/6/05	12/6/05	NIOSH 5506	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506248
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

60028-IN-(0-2)

0506248-03 (Air)

11/28/05 11:25

Metals

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Mercury	< 0.066	0.066	ug/m³	1	12/6/05	12/6/05	OSHA ID-145	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506248
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

60028-IN-(0-2)

0506248-04 (Air Tube)

11/28/05 11:25

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Hexachlorobenzene	< 3.65	3.65	ug/m³	1	12/12/05	12/13/05	IHVOCS	A1

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506248
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

60028-IN-(0-2)

0506248-05 (Air Tube)

11/28/05 11:25

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Phenol	< 12.8	12.8	ug/m³	1	12/8/05	12/8/05	NIOSH 2546	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506248
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

60028-IN-(2-6)

0506248-06 (Air Tube)

11/28/05 15:33

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
1,2,3-Trichlorobenzene	< 5.87	5.87	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
1,2,4-Trichlorobenzene	< 5.63	5.63	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
1,3,5-Trichlorobenzene	< 5.83	5.83	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
1,4-Dichlorobenzene	< 5.79	5.79	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
1,1,1-Trichloroethane	< 4.85	4.85	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
2-Ethoxyethyl Acetate	< 6.17	6.17	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Acetone	**33.0**	5.49	ug/m³	1	12/6/05	12/7/05	IHVOCS1	ia
Benzene	**25.2**	2.48	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Chlorobenzene	< 5.10	5.10	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Chloroform	**50.0**	5.10	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Ethanol	**45.3**	7.14	ug/m³	1	12/6/05	12/7/05	IHVOCS1	ia, ir
Ethyl Acetate	**7.60**	5.10	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Ethyl Benzene	**19.6**	4.90	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Isobutanol	< 5.75	5.75	ug/m³	1	12/6/05	12/7/05	IHVOCS1	ir
Isopropanol	**54.5**	6.41	ug/m³	1	12/6/05	12/7/05	IHVOCS1	ia, ir
Methyl Ethyl Ketone	**13.4**	5.62	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Methyl Isobutyl Ketone	< 5.10	5.10	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Methylene Chloride	**31.1**	4.90	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
n-Butyl Acetate	< 5.05	5.05	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
n-Hexane	**48.3**	4.85	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Stoddard Solvent	**488**	24.8	ug/m³	1	12/6/05	12/7/05	IHVOCS1	io
Styrene	< 6.49	6.49	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Tetrachloroethene	**8.19**	4.95	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Tetrahydrofuran	**32.0**	5.41	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Toluene	**81.9**	5.05	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
TPH as Gasoline	**1690**	25.5	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Trichloroethene	**8.52**	5.00	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
VM&P Naphtha	< 24.0	24.0	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Xylenes, Total	**95.2**	5.00	ug/m³	1	12/6/05	12/7/05	IHVOCS1	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506248
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

60028-IN-(2-6)

0506248-07 (Air Tube)

11/28/05 15:33

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Acenaphthene	< 1.83	1.83	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Acenaphthylene	< 1.69	1.69	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Anthracene	< 1.83	1.83	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Benz(a)anthracene	< 1.98	1.98	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Benzo(a)pyrene	< 2.09	2.09	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Benzo(b)fluoranthene	< 2.07	2.07	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Benzo(g,h,i)perylene	< 2.56	2.56	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Benzo(k)fluoranthene	< 2.10	2.10	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Chrysene	< 1.99	1.99	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Dibenz(a,h)anthracene	< 2.13	2.13	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Fluoranthene	< 1.89	1.89	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Fluorene	< 1.80	1.80	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Indeno(1,2,3-cd)pyrene	< 2.25	2.25	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Naphthalene	**4.83**	1.84	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Phenanthrene	< 1.84	1.84	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Pyrene	< 1.92	1.92	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506248
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

60028-IN-(2-6)

0506248-08 (Air)

11/28/05 15:33

Metals

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Mercury	< 0.033	0.033	ug/m³	1	12/6/05	12/6/05	OSHA ID-145	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506248
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

60028-IN-(2-6)

0506248-09 (Air Tube)

11/28/05 15:33

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Hexachlorobenzene	< 1.82	1.82	ug/m³	1	12/12/05	12/13/05	IHVOCS	A1

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506248
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

60028-IN-(2-6)

0506248-10 (Air Tube)

11/28/05 15:33

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Phenol	< 6.41	6.41	ug/m³	1	12/8/05	12/8/05	NIOSH 2546	

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Service Engineering Group	Client Ref: 05500	Work Order #: 0506248
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

60028-IN-(6-22)

0506248-11 (Air Tube)

11/29/05 7:25

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
1,2,3-Trichlorobenzene	< 1.47	1.47	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
1,2,4-Trichlorobenzene	< 1.41	1.41	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
1,3,5-Trichlorobenzene	**2.19**	1.46	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
1,4-Dichlorobenzene	< 1.45	1.45	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
1,1,1-Trichloroethane	**1.75**	1.21	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
2-Ethoxyethyl Acetate	< 1.54	1.54	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Acetone	**12.0**	1.37	ug/m³	1	12/6/05	12/7/05	IHVOCS1	ia
Benzene	**8.95**	0.619	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Chlorobenzene	< 1.28	1.28	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Chloroform	**18.1**	1.28	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Ethanol	**4.48**	1.79	ug/m³	1	12/6/05	12/7/05	IHVOCS1	ir
Ethyl Acetate	**2.25**	1.28	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Ethyl Benzene	**6.90**	1.23	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Isobutanol	< 1.44	1.44	ug/m³	1	12/6/05	12/7/05	IHVOCS1	ir
Isopropanol	**15.0**	1.60	ug/m³	1	12/6/05	12/7/05	IHVOCS1	ia, ir
Methyl Ethyl Ketone	**8.18**	1.40	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Methyl Isobutyl Ketone	< 1.28	1.28	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Methylene Chloride	**8.88**	1.23	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
n-Butyl Acetate	**1.37**	1.26	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
n-Hexane	**15.5**	1.21	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Stoddard Solvent	**204**	6.19	ug/m³	1	12/6/05	12/7/05	IHVOCS1	io
Styrene	< 1.62	1.62	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Tetrachloroethene	**3.07**	1.24	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Tetrahydrofuran	**10.8**	1.35	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Toluene	**30.8**	1.26	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
TPH as Gasoline	**576**	6.38	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Trichloroethene	**4.75**	1.25	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
VM&P Naphtha	< 6.01	6.01	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Xylenes, Total	**34.2**	1.25	ug/m³	1	12/6/05	12/7/05	IHVOCS1	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506248
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

60028-IN-(6-22)

0506248-12 (Air Tube)

11/29/05 7:25

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Acenaphthene	< 0.458	0.458	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Acenaphthylene	< 0.423	0.423	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Anthracene	< 0.457	0.457	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Benz(a)anthracene	< 0.495	0.495	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Benzo(a)pyrene	< 0.523	0.523	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Benzo(b)fluoranthene	< 0.517	0.517	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Benzo(g,h,i)perylene	< 0.639	0.639	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Benzo(k)fluoranthene	< 0.524	0.524	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Chrysene	< 0.497	0.497	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Dibenz(a,h)anthracene	< 0.533	0.533	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Fluoranthene	< 0.473	0.473	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Fluorene	< 0.450	0.450	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Indeno(1,2,3-cd)pyrene	< 0.562	0.562	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Naphthalene	**1.66**	0.460	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	ia
Phenanthrene	< 0.460	0.460	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Pyrene	< 0.481	0.481	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	

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60028-IN-(6-22)

0506248-13 (Air)

11/29/05 7:25

Metals

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Mercury	< 0.0082	0.0082	ug/m³	1	12/6/05	12/6/05	OSHA ID-145	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506248
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

60028-IN-(6-22)

0506248-14 (Air Tube)

11/29/05 7:25

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Hexachlorobenzene	< 0.456	0.456	ug/m³	1	12/12/05	12/13/05	IHVOCS	A1

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BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:	05500	Work Order #:	0506248
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

60028-IN-(6-22)

0506248-15 (Air Tube)

11/29/05 7:25

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Phenol	**1.82**	1.60	ug/m³	1	12/8/05	12/8/05	NIOSH 2546	

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BRAUN INTERTEC

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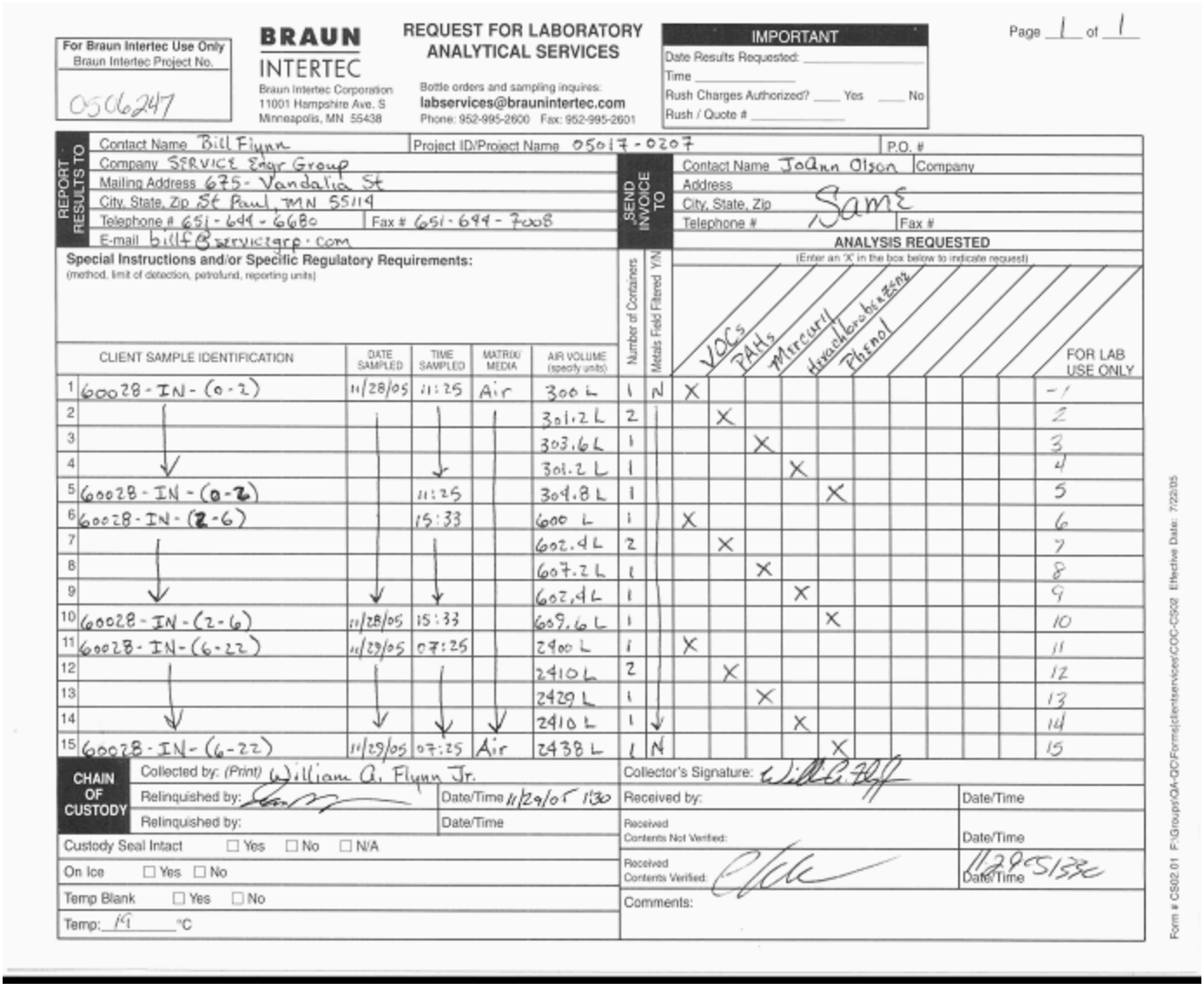
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref: 05500	Work Order #: 0506248
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003



BRAUN INTERTEC

REQUEST FOR LABORATORY ANALYTICAL SERVICES

Page 1 of 1

For Braun Intertec Use Only — Braun Intertec Project No.: 0506247

Braun Intertec Corporation, 11001 Hampshire Ave. S, Minneapolis, MN 55438

Bottle orders and sampling inquiries: labservices@braunintertec.com, Phone: 952-995-2600 Fax: 952-995-2601

IMPORTANT
Date Results Requested:
Time
Rush Charges Authorized? ___ Yes ___ No
Rush / Quote #

REPORT RESULTS TO
Contact Name: Bill Flynn
Company: SERVICE Engr Group
Mailing Address: 675 - Vandalia St
City, State, Zip: St Paul, MN 55114
Telephone #: 651 - 644 - 6680 Fax #: 651 - 644 - 7008
E-mail: billf@servicegrp.com

Project ID/Project Name: 05017 - 0207
P.O. #

SEND INVOICE TO
Contact Name: JoAnn Olson Company:
Address:
City, State, Zip: Same
Telephone # Fax #

Special Instructions and/or Specific Regulatory Requirements:
(method, limit of detection, petrofund, reporting units)

ANALYSIS REQUESTED
(Enter an 'X' in the box below to indicate request)

	CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)	Number of Containers	Metals Field Filtered Y/N	VOCs	PAHs	Mercury	Hexachlorobutene	Phenol	FOR LAB USE ONLY
1	60028 - IN - (0-2)	11/28/05	11:25	Air	300 L	1	N	X					-1
2					301.2 L	2			X				2
3					303.6 L	1				X			3
4					301.2 L	1					X		4
5	60028 - IN - (0-2)		11:25		304.8 L	1						X	5
6	60028 - IN - (2-6)		15:33		600 L	1		X					6
7					602.4 L	2			X				7
8					607.2 L	1				X			8
9					602.4 L	1					X		9
10	60028 - IN - (2-6)	11/28/05	15:33		609.6 L	1						X	10
11	60028 - IN - (6-22)	11/29/05	07:25		2400 L	1		X					11
12					2410 L	2			X				12
13					2429 L	1				X			13
14					2410 L	1					X		14
15	60028 - IN - (6-22)	11/29/05	07:25	Air	2438 L	1	N					X	15

CHAIN OF CUSTODY
Collected by: (Print) William A. Flynn Jr. Collector's Signature:
Relinquished by: Date/Time 11/29/05 1130 Received by: Date/Time
Relinquished by: Date/Time Received Contents Not Verified: Date/Time
Custody Seal Intact ☐ Yes ☐ No ☐ N/A Received Contents Verified: 11/29/05 1330 Date/Time
On Ice ☐ Yes ☐ No Comments:
Temp Blank ☐ Yes ☐ No
Temp: 1.1 °C

Form # CS02 01 F:\Groups\QA-QC\Forms\clientservices\COC-CS02 Effective Date: 7/22/05

BRAUN INTERTEC

Braun Intertec Corporation
11001 Hampshire Avenue S
Minneapolis, MN 55438

Phone: 952.995.2000
Fax: 952.995.2020
Web: brauninterlec.com

Mr. Bill Flynn
Service Engineering Group
675 Vandalia Street
St. Paul, MN 55114-1312

December 19, 2005

Work Order #: 0506249

RE: 05500

Dear Mr. Bill Flynn

Braun Intertec Corporation received samples for the project identified above on 11/29/05 13:30. Analytical results are summarized in the following report.

All routine quality assurance procedures were followed, unless otherwise noted.

Analytical results are reported on an "as received" basis unless otherwise noted. Where possible, the samples will be retained by the laboratory for 14 days following issuance of the initial final report. The samples will be disposed of or returned at that time. Arrangements can be made for extended storage by contacting me at this time.

We appreciate your decision to use Braun Intertec Corporation for this project. We are committed to being your vendor of choice to meet your analytical chemistry needs.

If you have any questions please contact me at the above phone number.

Sincerely,

Steven J. Albrecht

Steven J. Albrecht
Associate Principal

Certification/Accreditation Numbers

Minnesota Department of Health: 027-053-117 Wisconsin DNR: 999462640 NVLAP: 1021234-0 AIHA: 101103

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:05500	Work Order #: 0506249
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

How to Use this Report

In order to get the most out of the information presented in this report please refer to the following explanations as to how the data in this report is tied together and how some of the terms are defined.

Qualifiers and Abbreviations are defined in the following section. You will find these codes used throughout the report in headers and in note sections to designate a unique fact about the data to which they are associated.

The Case Narrative gives a "story" about the analysis and results. Here you will find greater elaboration on relevant qualifiers as well as an explanation of anything of particular note in the data. This is a discussion of the data in terms of quality control and chemistry. It is a summary of any deviations that could affect the usefulness of the data. This is not an interpretation as to how this information relates to regulatory compliance, toxicity, or hazardous characterization. These items are beyond the scope of this report.

The Sample Summary provides detail on sample receipt. The association between Client sample ID and the Laboratory sample ID are defined here; this information is valuable to have when discussing results with your project manager. Sample collection and receipt dates and times are provided here as well. General notes regarding the work order are also documented here. This is a mini "case narrative" that describes any anomalies regarding the condition of the samples upon arrival to the laboratory or special circumstances regarding the work order.

The Conditions Upon Receipt summarizes the results of specific checks that have been performed at sample receipt. This includes items like custody documentation, sample condition, and temperature at receipt. Each "cooler" is identified and the conditions associated with that cooler are documented. A "cooler" is defined as the larger container used to transport the individual samples. In most cases this is a standard recreational cooler but it can be a box, plastic bag, or other container.

The laboratory results are summarized in the following sections. Data is broken down into major categories for convenience. An example of such a category would be "Total Petroleum Hydrocarbons." Here you would find data that references the testing of such parameters as diesel range organics and gasoline range organics. Other categories are similarly mapped. The batch number is associated with each sample. This is important to evaluate Quality Control (QC) data. Surrogate results samples are provided with each sample. Laboratory control limits are provided for comparison (see below). The reference method is also identified. If a method is denoted with an "M" (e.g. EPA 1234(M)) this means that it has been modified. An explanation of the modification will be found in the Case Narrative. A result is given with appropriate units. If a soil sample is dry-weight corrected then the word "dry" will appear next to the units. If the word "dry" does not appear then the result is "as received."

The Method Reporting Limit (MRL) and Method Detection Limit (MDL) are provided. It is important to understand these terms. The MRL is a level that has been empirically verified to provide reliable quantitation of results. Results that are equal to or greater than this value will show up as bolded. They are considered "hits." The MDL is a statistically derived number that indicates, with high confidence, that an analyte can be detected above noise level. If a result is less than this value it is marked as "ND" for "Non-Detect." If a result is less than the MRL but greater than the MDL then it is considered an estimate. Such a result is reported with a "J" flag denoting that it has been detected but that the result is an estimate. This is consistent with the *CLP Statement of Work* and the *National Functional Guidelines.*

The Quality Control (QC) samples are documented in the following section. Here you will find the preparation batches associated with each sample from the results section. The sample preparation method is also defined here. Accuracy is represented here in terms of a percent recovery as compared to a known value. Precision is represented as a relative percent difference between two duplicate sample aliquots. The laboratory control limits are provided as a means to evaluate the quality control data. If the result falls outside the laboratory control limits this simply means that it is outside what is typical for the laboratory and is noted accordingly. This does not mean that the data is invalid. Laboratory control limits are generally tighter than most program limits. This is a very important distinction. How the data is ultimately used determines its validity. Program requirements are defined in the Quality Assurance Project Plan (QAPP) governing the project. If your project manager is aware of your specific program requirements then a note will be made in the case narrative if the data fails to meet any of these requirements.

The last section contains copies of important documents and/or instrument printouts relavent to the report. This includes the chain of custody. It also may include items like chromatograms or spectra.

Please note that this report is paginated and must be reproduced in its entirety.

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:05500	Work Order #: 0506249
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Qualifiers and Abbreviations

ts	This analysis was performed by a subcontract laboratory.
J	Detected but below the Method Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
go	The laboratory control sample recovery is outside of laboratory control limits.
COC	Chain of Custody
dry	Sample results reported on a dry weight basis
MDL	Method Detection Limit
MRL	Method Reporting Limit
NA	Not Applicable
ND	Analyte NOT DETECTED
NR	Not Reported
%Rec	Percent Recovery
RPD	Relative Percent Difference
VOC	Volatile Organic Compound

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Service Engineering Group	Client Ref:05500	Work Order #: 0506249
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

SAMPLE SUMMARY

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
60028-IN-PR	0506249-01	Soil	11/28/05 09:00	11/29/05 13:30
60028-IN-PO	0506249-02	Soil	11/29/05 07:48	11/29/05 13:30

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675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Conditions Upon Receipt

Cooler: Cooler #1

Temperature:	19.0 °C	**Received on Ice:**	No	**Preservation Confirmed:**	No
COC Included:	Yes	**Hand Delivered by Sampler:**	No	**Temperature Blank:**	No
Custody Seals Used:	Yes	**Sufficient Sample Provided:**	Yes	**COC Complete:**	Yes
Custody Seals Intact:	Yes	**Headspace Present (VOC):**	No	**COC & Labels Agree:**	Yes

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Service Engineering Group	Client Ref:05500	Work Order #: 0506249
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

60028-IN-PR

0506249-01 (Soil)

11/28/05 9:00

Classical Chemistry Parameters

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
% Solids	**63**			% Wt	B5L0083	12/5/05	12/6/05	ASTM D2216	
Total Organic Carbon	**84500**	1000	1000	mg/kg	B5L0287	12/3/05	12/3/05	EPA 9060	ts

Metals

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Mercury	**0.69**	0.021	0.00096	mg/kg dry	B5L0011	12/1/05	12/2/05	EPA 7471A	

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,2,4-Trichlorobenzene	0.052 J	0.21	0.032	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
1,2-Dichlorobenzene	ND	0.21	0.016	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
1,2-Diphenylhydrazine	ND	0.21	0.019	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
1,3-Dichlorobenzene	ND	0.21	0.025	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
1,4-Dichlorobenzene	**0.32**	0.21	0.032	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
2,4,5-Trichlorophenol	ND	0.21	0.060	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
2,4,6-Trichlorophenol	ND	0.21	0.054	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
2,4-Dichlorophenol	ND	0.21	0.060	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
2,4-Dimethylphenol	ND	0.54	0.19	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
2,4-Dinitrophenol	ND	0.54	0.057	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
2,4-Dinitrotoluene	ND	0.21	0.022	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
2,6-Dinitrotoluene	ND	0.21	0.019	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
2-Chloronaphthalene	ND	0.21	0.022	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
2-Chlorophenol	ND	0.21	0.057	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
2-Methylnaphthalene	**3.3**	0.21	0.073	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
2-Methylphenol	ND	0.54	0.054	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
2-Nitroaniline	ND	0.21	0.057	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
2-Nitrophenol	ND	0.21	0.060	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
3,3-Dichlorobenzidine	ND	1.0	0.054	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
3-/4-Methylphenol	0.32 J	0.54	0.067	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
3-Nitroaniline	ND	0.54	0.057	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
4,6-Dinitro-2-methylphenol	ND	0.54	0.032	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	

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Bloomington, MN 55438
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Service Engineering Group	Client Ref:05500	Work Order #: 0506249
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

60028-IN-PR

0506249-01 (Soil)

11/28/05 9:00

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
4-Bromophenyl phenyl ether	ND	0.21	0.032	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
4-Chloro-3-methylphenol	ND	0.21	0.070	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
4-Chloroaniline	ND	0.54	0.057	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	0.21	0.035	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
4-Nitroaniline	ND	0.21	0.048	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
4-Nitrophenol	ND	0.21	0.067	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Acenaphthene	**2.1**	0.21	0.032	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Acenaphthylene	**0.58**	0.21	0.022	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Aniline	ND	0.54	0.13	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Anthracene	**2.3**	0.21	0.032	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Benz(a)anthracene	**2.5**	0.21	0.032	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Benzo(a)pyrene	**2.3**	0.21	0.025	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Benzo(b)fluoranthene	**1.7**	0.21	0.054	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Benzo(g,h,i)perylene	**1.3**	0.21	0.019	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Benzo(k)fluoranthene	**1.5**	0.21	0.044	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Benzyl alcohol	ND	0.21	0.086	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
bis(2-Chloroethoxy)methane	ND	0.21	0.035	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Bis(2-Chloroethyl)ether	ND	0.21	0.038	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Bis(2-chloroisopropyl)ether	ND	0.21	0.044	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Bis(2-Ethylhexyl)phthalate	0.96 J	1.0	0.029	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Butyl benzyl phthalate	ND	0.21	0.025	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Carbazole	**0.30**	0.21	0.048	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Chrysene	**2.8**	0.21	0.032	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Dibenz(a,h)anthracene	**0.44**	0.21	0.067	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Dibenzofuran	**0.59**	0.21	0.041	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Diethylphthalate	ND	0.21	0.035	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Dimethyl phthalate	ND	0.21	0.035	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Di-n-butyl phthalate	ND	1.0	0.044	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Di-n-octyl phthalate	ND	0.21	0.032	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Fluoranthene	**5.5**	0.21	0.022	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506249
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

60028-IN-PR

0506249-01 (Soil)

11/28/05 9:00

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Fluorene	**2.1**	0.21	0.013	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Hexachlorobenzene	ND	0.21	0.029	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Hexachlorobutadiene	ND	0.21	0.019	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Hexachlorocyclopentadiene	ND	0.21	0.029	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Hexachloroethane	ND	0.21	0.029	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Indeno(1,2,3-cd)pyrene	**1.2**	0.21	0.029	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Isophorone	ND	0.21	0.032	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Naphthalene	**3.3**	0.21	0.016	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Nitrobenzene	ND	0.21	0.038	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
N-Nitrosodimethylamine	ND	0.21	0.067	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
N-Nitrosodi-n-propylamine	ND	0.21	0.038	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
N-Nitrosodiphenylamine	ND	0.21	0.022	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Pentachlorophenol	ND	0.54	0.060	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Phenanthrene	**7.2**	0.21	0.025	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Phenol	ND	0.21	0.057	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Pyrene	**6.5**	0.21	0.032	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Pyridine	ND	0.21	0.12	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Surrogate: 2,4,6-Tribromophenol	*91.3 %*	*Limits: 30-150%*			*B5L0003*	*12/1/05*	*12/2/05*	*EPA 8270C*	
Surrogate: 2-Fluorobiphenyl	*66.4 %*	*Limits: 30-104%*			*B5L0003*	*12/1/05*	*12/2/05*	*EPA 8270C*	
Surrogate: 2-Fluorophenol	*71.5 %*	*Limits: 30-106%*			*B5L0003*	*12/1/05*	*12/2/05*	*EPA 8270C*	
Surrogate: Nitrobenzene-d5	*65.7 %*	*Limits: 30-90%*			*B5L0003*	*12/1/05*	*12/2/05*	*EPA 8270C*	
Surrogate: Phenol-d6	*76.9 %*	*Limits: 30-102%*			*B5L0003*	*12/1/05*	*12/2/05*	*EPA 8270C*	
Surrogate: Terphenyl-d14	*71.7 %*	*Limits: 30-115%*			*B5L0003*	*12/1/05*	*12/2/05*	*EPA 8270C*	

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,1,2-Tetrachloroethane	ND	0.080	0.011	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
1,1,1-Trichloroethane	ND	0.080	0.0048	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506249
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

60028-IN-PR

0506249-01 (Soil)

11/28/05 9:00

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,2,2-Tetrachloroethane	ND	0.080	0.019	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
1,1,2-Trichloroethane	ND	0.080	0.016	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
1,1,2-Trichlorotrifluoroethane	ND	0.080	0.0093	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
1,1-Dichloroethane	ND	0.080	0.0043	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
1,1-Dichloroethene	ND	0.080	0.0069	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
1,1-Dichloropropene	ND	0.080	0.0059	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
1,2,3-Trichlorobenzene	ND	0.080	0.0088	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
1,2,3-Trichloropropane	ND	0.080	0.024	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
1,2,4-Trichlorobenzene	ND	0.080	0.012	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
1,2,4-Trimethylbenzene	**0.53**	0.080	0.0056	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
1,2-Dibromo-3-chloropropane	ND	0.080	0.032	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
1,2-Dibromoethane	ND	0.080	0.0051	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
1,2-Dichlorobenzene	ND	0.080	0.0094	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
1,2-Dichloroethane	ND	0.080	0.0043	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
1,2-Dichloropropane	ND	0.080	0.0040	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
1,3,5-Trimethylbenzene	**0.22**	0.080	0.0078	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
1,3-Dichlorobenzene	ND	0.080	0.0067	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
1,3-Dichloropropane	ND	0.080	0.010	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
1,4-Dichlorobenzene	**0.11**	0.080	0.0096	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
2,2-Dichloropropane	ND	0.080	0.0083	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
2-Butanone (MEK)	ND	0.80	0.11	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
2-Chlorotoluene	ND	0.080	0.015	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
4-Chlorotoluene	ND	0.080	0.011	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
4-Isopropyltoluene	ND	0.080	0.0046	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
Acetone	ND	1.6	0.12	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
Allyl Chloride	ND	0.080	0.021	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
Benzene	ND	0.080	0.0035	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
Bromobenzene	ND	0.080	0.012	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
Bromochloromethane	ND	0.080	0.018	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

60028-IN-PR

0506249-01 (Soil)

11/28/05 9:00

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Bromodichloromethane	ND	0.080	0.0085	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
Bromoform	ND	0.40	0.010	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
Bromomethane	ND	0.080	0.011	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
Carbon Tetrachloride	ND	0.080	0.0045	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
Chlorobenzene	**0.12**	0.080	0.0034	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
Chlorodibromomethane	ND	0.080	0.0024	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	go
Chloroethane	ND	0.080	0.0089	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
Chloroform	ND	0.080	0.0093	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
Chloromethane	ND	0.080	0.016	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
cis-1,2-Dichloroethene	ND	0.080	0.0083	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
cis-1,3-Dichloropropene	ND	0.080	0.0032	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
Dibromomethane	ND	0.080	0.016	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
Dichlorodifluoromethane	ND	0.080	0.010	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
Dichlorofluoromethane	ND	0.080	0.0083	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
Ethyl Ether	ND	0.080	0.024	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
Ethylbenzene	ND	0.080	0.0085	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
Hexachlorobutadiene	ND	0.16	0.019	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
Isopropylbenzene	**0.081**	0.080	0.0051	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
m,p-Xylenes	**0.18**	0.080	0.010	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
Methyl Isobutyl Ketone	ND	0.40	0.034	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	go
Methylene chloride	ND	0.40	0.051	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
Methyl-t-butyl ether	ND	0.080	0.0096	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
Naphthalene	**2.3**	0.080	0.0080	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
n-Butylbenzene	ND	0.080	0.0097	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
n-Propylbenzene	ND	0.080	0.0083	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
o-Xylene	**0.12**	0.080	0.011	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
sec-Butylbenzene	ND	0.080	0.0034	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
Styrene	ND	0.080	0.0037	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
tert-Butylbenzene	ND	0.080	0.0081	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506249
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

60028-IN-PR

0506249-01 (Soil)

11/28/05 9:00

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Tetrachloroethene	ND	0.16	0.015	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
Tetrahydrofuran	ND	0.40	0.093	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	go
Toluene	ND	0.080	0.014	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
trans-1,2-Dichloroethene	ND	0.080	0.011	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
trans-1,3-Dichloropropene	ND	0.080	0.0094	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
Trichloroethene	ND	0.080	0.0059	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
Trichlorofluoromethane	ND	0.080	0.015	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
Vinyl chloride	ND	0.080	0.019	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4	*90.4 %*	*Limits: 81-127%*			*B5L0094*	*12/5/05*	*12/7/05*	*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene	*114 %*	*Limits: 74-117%*			*B5L0094*	*12/5/05*	*12/7/05*	*EPA 8260B*	
Surrogate: Dibromofluoromethane	*104 %*	*Limits: 79-127%*			*B5L0094*	*12/5/05*	*12/7/05*	*EPA 8260B*	
Surrogate: Toluene-d8	*105 %*	*Limits: 82-115%*			*B5L0094*	*12/5/05*	*12/7/05*	*EPA 8260B*	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

60028-IN-PO

0506249-02 (Soil)

11/29/05 7:48

Classical Chemistry Parameters

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Total Organic Carbon	**76400**	1000	1000	mg/kg	B5L0287	12/3/05	12/3/05	EPA 9060	ts

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Service Engineering Group	Client Ref:05500	Work Order #: 0506249
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Classical Chemistry Parameters - Quality Control

Batch B5L0083 - Default Prep GenChem

Method Blank (B5L0083-BLK1) Prepared: 12/05/05 Analyzed: 12/06/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
% Solids	ND			% Wt	NA	NA	NA	NA	NA	NA	

Duplicate (B5L0083-DUP1) **Source: 0506249-01** Prepared: 12/05/05 Analyzed: 12/06/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
% Solids	62.7			% Wt	NA	63	NA	NA	0.477	20	

Standard Reference Material (B5L0083-SRM1) Prepared: 12/05/05 Analyzed: 12/06/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
% Solids	89.7			% Wt	88.8	NA	101	90-110	NA	NA	

Batch B5L0287 - NO PREP

Duplicate (B5L0287-DUP1) **Source: 0506249-01** Prepared: 12/16/05 Analyzed: 12/03/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Organic Carbon	73600	1000	1000	mg/kg	NA	84500	NA	NA	13.8	200	ts

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Metals - Quality Control

Batch B5L0011 - EPA 7471A

Method Blank (B5L0011-BLK1) Prepared: 12/01/05 Analyzed: 12/04/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	ND	0.020	0.00090	mg/kg	NA	NA	NA	NA	NA	NA	

Laboratory Control Sample (B5L0011-BS1) Prepared: 12/01/05 Analyzed: 12/04/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.264	0.020	0.00090	mg/kg	0.250	NA	106	85-115	NA	NA	

Laboratory Control Sample Duplicate (B5L0011-BSD1) Prepared: 12/01/05 Analyzed: 12/04/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.265	0.020	0.00090	mg/kg	0.250	NA	106	85-115	0.378	20	

Matrix Spike (B5L0011-MS1) **Source: 0506249-01** Prepared: 12/01/05 Analyzed: 12/02/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.933	0.023	0.0010	mg/kg dry	0.282	0.69	86.2	75-125	NA	NA	

Matrix Spike Duplicate (B5L0011-MSD2) **Source: 0506249-01** Prepared: 12/01/05 Analyzed: 12/02/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	1.01	0.024	0.0011	mg/kg dry	0.296	0.69	108	75-125	11.2	20	

Standard Reference Material (B5L0011-SRM1) Prepared: 12/01/05 Analyzed: 12/02/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	4.84	0.19	0.0085	mg/kg	3.66	NA	132	57.4-139	NA	NA	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5L0003 - EPA 3545

Method Blank (B5L0003-BLK1) Prepared: 12/01/05 Analyzed: 12/02/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	ND	0.067	0.0050	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Diphenylhydrazine	ND	0.067	0.0060	mg/kg	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	ND	0.067	0.0080	mg/kg	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
2,4,5-Trichlorophenol	ND	0.067	0.019	mg/kg	NA	NA	NA	NA	NA	NA	
2,4,6-Trichlorophenol	ND	0.067	0.017	mg/kg	NA	NA	NA	NA	NA	NA	
2,4-Dichlorophenol	ND	0.067	0.019	mg/kg	NA	NA	NA	NA	NA	NA	
2,4-Dimethylphenol	ND	0.17	0.059	mg/kg	NA	NA	NA	NA	NA	NA	
2,4-Dinitrophenol	ND	0.17	0.018	mg/kg	NA	NA	NA	NA	NA	NA	
2,4-Dinitrotoluene	ND	0.067	0.0070	mg/kg	NA	NA	NA	NA	NA	NA	
2,6-Dinitrotoluene	ND	0.067	0.0060	mg/kg	NA	NA	NA	NA	NA	NA	
2-Chloronaphthalene	ND	0.067	0.0070	mg/kg	NA	NA	NA	NA	NA	NA	
2-Chlorophenol	ND	0.067	0.018	mg/kg	NA	NA	NA	NA	NA	NA	
2-Methylnaphthalene	ND	0.067	0.023	mg/kg	NA	NA	NA	NA	NA	NA	
2-Methylphenol	ND	0.17	0.017	mg/kg	NA	NA	NA	NA	NA	NA	
2-Nitroaniline	ND	0.067	0.018	mg/kg	NA	NA	NA	NA	NA	NA	
2-Nitrophenol	ND	0.067	0.019	mg/kg	NA	NA	NA	NA	NA	NA	
3,3-Dichlorobenzidine	ND	0.33	0.017	mg/kg	NA	NA	NA	NA	NA	NA	
3-/4-Methylphenol	ND	0.17	0.021	mg/kg	NA	NA	NA	NA	NA	NA	
3-Nitroaniline	ND	0.17	0.018	mg/kg	NA	NA	NA	NA	NA	NA	
4,6-Dinitro-2-methylphenol	ND	0.17	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
4-Bromophenyl phenyl ether	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
4-Chloro-3-methylphenol	ND	0.067	0.022	mg/kg	NA	NA	NA	NA	NA	NA	
4-Chloroaniline	ND	0.17	0.018	mg/kg	NA	NA	NA	NA	NA	NA	
4-Chlorophenyl phenyl ether	ND	0.067	0.011	mg/kg	NA	NA	NA	NA	NA	NA	
4-Nitroaniline	ND	0.067	0.015	mg/kg	NA	NA	NA	NA	NA	NA	
4-Nitrophenol	ND	0.067	0.021	mg/kg	NA	NA	NA	NA	NA	NA	
Acenaphthene	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Acenaphthylene	ND	0.067	0.0070	mg/kg	NA	NA	NA	NA	NA	NA	
Aniline	ND	0.17	0.042	mg/kg	NA	NA	NA	NA	NA	NA	
Anthracene	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Benz(a)anthracene	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Benzo(a)pyrene	ND	0.067	0.0080	mg/kg	NA	NA	NA	NA	NA	NA	
Benzo(b)fluoranthene	ND	0.067	0.017	mg/kg	NA	NA	NA	NA	NA	NA	
Benzo(g,h,i)perylene	ND	0.067	0.0060	mg/kg	NA	NA	NA	NA	NA	NA	
Benzo(k)fluoranthene	ND	0.067	0.014	mg/kg	NA	NA	NA	NA	NA	NA	
Benzyl alcohol	ND	0.067	0.027	mg/kg	NA	NA	NA	NA	NA	NA	
bis(2-Chloroethoxy)methane	ND	0.067	0.011	mg/kg	NA	NA	NA	NA	NA	NA	

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Semivolatile Organic Compounds - Quality Control

Batch B5L0003 - EPA 3545

Method Blank (B5L0003-BLK1) Prepared: 12/01/05 Analyzed: 12/02/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Bis(2-Chloroethyl)ether	ND	0.067	0.012	mg/kg	NA	NA	NA	NA	NA	NA	
Bis(2-chloroisopropyl)ether	ND	0.067	0.014	mg/kg	NA	NA	NA	NA	NA	NA	
Bis(2-Ethylhexyl)phthalate	ND	0.33	0.0090	mg/kg	NA	NA	NA	NA	NA	NA	
Butyl benzyl phthalate	ND	0.067	0.0080	mg/kg	NA	NA	NA	NA	NA	NA	
Carbazole	ND	0.067	0.015	mg/kg	NA	NA	NA	NA	NA	NA	
Chrysene	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Dibenz(a,h)anthracene	ND	0.067	0.021	mg/kg	NA	NA	NA	NA	NA	NA	
Dibenzofuran	ND	0.067	0.013	mg/kg	NA	NA	NA	NA	NA	NA	
Diethylphthalate	ND	0.067	0.011	mg/kg	NA	NA	NA	NA	NA	NA	
Dimethyl phthalate	ND	0.067	0.011	mg/kg	NA	NA	NA	NA	NA	NA	
Di-n-butyl phthalate	ND	0.33	0.014	mg/kg	NA	NA	NA	NA	NA	NA	
Di-n-octyl phthalate	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Fluoranthene	ND	0.067	0.0070	mg/kg	NA	NA	NA	NA	NA	NA	
Fluorene	ND	0.067	0.0040	mg/kg	NA	NA	NA	NA	NA	NA	
Hexachlorobenzene	ND	0.067	0.0090	mg/kg	NA	NA	NA	NA	NA	NA	
Hexachlorobutadiene	ND	0.067	0.0060	mg/kg	NA	NA	NA	NA	NA	NA	
Hexachlorocyclopentadiene	ND	0.067	0.0090	mg/kg	NA	NA	NA	NA	NA	NA	
Hexachloroethane	ND	0.067	0.0090	mg/kg	NA	NA	NA	NA	NA	NA	
Indeno(1,2,3-cd)pyrene	ND	0.067	0.0090	mg/kg	NA	NA	NA	NA	NA	NA	
Isophorone	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Naphthalene	ND	0.067	0.0050	mg/kg	NA	NA	NA	NA	NA	NA	
Nitrobenzene	ND	0.067	0.012	mg/kg	NA	NA	NA	NA	NA	NA	
N-Nitrosodimethylamine	ND	0.067	0.021	mg/kg	NA	NA	NA	NA	NA	NA	
N-Nitrosodi-n-propylamine	ND	0.067	0.012	mg/kg	NA	NA	NA	NA	NA	NA	
N-Nitrosodiphenylamine	ND	0.067	0.0070	mg/kg	NA	NA	NA	NA	NA	NA	
Pentachlorophenol	ND	0.17	0.019	mg/kg	NA	NA	NA	NA	NA	NA	
Phenanthrene	ND	0.067	0.0080	mg/kg	NA	NA	NA	NA	NA	NA	
Phenol	ND	0.067	0.018	mg/kg	NA	NA	NA	NA	NA	NA	
Pyrene	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Pyridine	ND	0.067	0.039	mg/kg	NA	NA	NA	NA	NA	NA	
Surrogate: 2,4,6-Tribromophenol	*0.744*			mg/kg	*1.67*	*NA*	*44.6*	*30-150*			
Surrogate: 2-Fluorobiphenyl	*0.741*			mg/kg	*0.833*	*NA*	*89.0*	*30-104*			
Surrogate: 2-Fluorophenol	*1.23*			mg/kg	*1.67*	*NA*	*73.7*	*30-106*			
Surrogate: Nitrobenzene-d5	*0.621*			mg/kg	*0.833*	*NA*	*74.5*	*30-90*			
Surrogate: Phenol-d6	*1.35*			mg/kg	*1.67*	*NA*	*80.8*	*30-102*			
Surrogate: Terphenyl-d14	*0.821*			mg/kg	*0.833*	*NA*	*98.6*	*30-115*			

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Service Engineering Group	Client Ref:05500	Work Order #: 0506249
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5L0003 - EPA 3545

Laboratory Control Sample (B5L0003-BS1) Prepared: 12/01/05 Analyzed: 12/02/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	1.41	0.067	0.010	mg/kg	1.67	NA	84.4	55-115	NA	NA	
1,4-Dichlorobenzene	1.36	0.067	0.010	mg/kg	1.67	NA	81.4	55-115	NA	NA	
2,4-Dinitrotoluene	1.68	0.067	0.0070	mg/kg	1.67	NA	101	60-130	NA	NA	
2-Chlorophenol	1.50	0.067	0.018	mg/kg	1.67	NA	89.8	55-115	NA	NA	
4-Chloro-3-methylphenol	1.53	0.067	0.022	mg/kg	1.67	NA	91.6	55-115	NA	NA	
4-Nitrophenol	1.53	0.067	0.021	mg/kg	1.67	NA	91.6	45-130	NA	NA	
Acenaphthene	1.62	0.067	0.010	mg/kg	1.67	NA	97.0	50-115	NA	NA	
N-Nitrosodi-n-propylamine	1.51	0.067	0.012	mg/kg	1.67	NA	90.4	65-115	NA	NA	
Pentachlorophenol	0.808	0.17	0.019	mg/kg	1.67	NA	48.4	30-130	NA	NA	
Phenol	1.51	0.067	0.018	mg/kg	1.67	NA	90.4	55-115	NA	NA	
Pyrene	1.78	0.067	0.010	mg/kg	1.67	NA	107	50-130	NA	NA	
Surrogate: 2,4,6-Tribromophenol	*1.56*			mg/kg	*1.67*	*NA*	*93.4*	*30-150*			
Surrogate: 2-Fluorobiphenyl	*0.821*			mg/kg	*0.833*	*NA*	*98.6*	*30-104*			
Surrogate: 2-Fluorophenol	*1.29*			mg/kg	*1.67*	*NA*	*77.2*	*30-106*			
Surrogate: Nitrobenzene-d5	*0.692*			mg/kg	*0.833*	*NA*	*83.1*	*30-90*			
Surrogate: Phenol-d6	*1.45*			mg/kg	*1.67*	*NA*	*86.8*	*30-102*			
Surrogate: Terphenyl-d14	*0.854*			mg/kg	*0.833*	*NA*	*103*	*30-115*			

Laboratory Control Sample Duplicate (B5L0003-BSD1) Prepared: 12/01/05 Analyzed: 12/02/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	1.33	0.067	0.010	mg/kg	1.67	NA	79.6	55-115	5.84	25	
1,4-Dichlorobenzene	1.29	0.067	0.010	mg/kg	1.67	NA	77.2	55-115	5.28	25	
2,4-Dinitrotoluene	1.61	0.067	0.0070	mg/kg	1.67	NA	96.4	60-130	4.26	25	
2-Chlorophenol	1.39	0.067	0.018	mg/kg	1.67	NA	83.2	55-115	7.61	25	
4-Chloro-3-methylphenol	1.40	0.067	0.022	mg/kg	1.67	NA	83.8	55-115	8.87	25	
4-Nitrophenol	1.43	0.067	0.021	mg/kg	1.67	NA	85.6	45-130	6.76	30	
Acenaphthene	1.49	0.067	0.010	mg/kg	1.67	NA	89.2	50-115	8.36	25	
N-Nitrosodi-n-propylamine	1.42	0.067	0.012	mg/kg	1.67	NA	85.0	65-115	6.14	25	
Pentachlorophenol	0.917	0.17	0.019	mg/kg	1.67	NA	54.9	30-130	12.6	30	
Phenol	1.43	0.067	0.018	mg/kg	1.67	NA	85.6	55-115	5.44	25	
Pyrene	1.75	0.067	0.010	mg/kg	1.67	NA	105	50-130	1.70	25	
Surrogate: 2,4,6-Tribromophenol	*1.44*			mg/kg	*1.67*	*NA*	*86.2*	*30-150*			
Surrogate: 2-Fluorobiphenyl	*0.750*			mg/kg	*0.833*	*NA*	*90.0*	*30-104*			
Surrogate: 2-Fluorophenol	*1.23*			mg/kg	*1.67*	*NA*	*73.7*	*30-106*			
Surrogate: Nitrobenzene-d5	*0.654*			mg/kg	*0.833*	*NA*	*78.5*	*30-90*			
Surrogate: Phenol-d6	*1.36*			mg/kg	*1.67*	*NA*	*81.4*	*30-102*			
Surrogate: Terphenyl-d14	*0.852*			mg/kg	*0.833*	*NA*	*102*	*30-115*			

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Service Engineering Group	Client Ref:05500	Work Order #: 0506249
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5L0003 - EPA 3545

Matrix Spike (B5L0003-MS1) **Source: 0506249-01** Prepared: 12/01/05 Analyzed: 12/03/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	3.83	0.21	0.032	mg/kg dry	5.32	0.052	71.0	30-110	NA	NA	
1,4-Dichlorobenzene	3.91	0.21	0.032	mg/kg dry	5.32	0.32	67.5	30-110	NA	NA	
2,4-Dinitrotoluene	4.75	0.21	0.022	mg/kg dry	5.32	ND	89.3	30-130	NA	NA	
2-Chlorophenol	4.50	0.21	0.058	mg/kg dry	5.32	ND	84.6	35-110	NA	NA	
4-Chloro-3-methylphenol	4.32	0.21	0.070	mg/kg dry	5.32	ND	81.2	40-110	NA	NA	
4-Nitrophenol	5.08	0.21	0.067	mg/kg dry	5.32	ND	95.5	30-120	NA	NA	
Acenaphthene	6.73	0.21	0.032	mg/kg dry	5.32	2.1	87.0	30-115	NA	NA	
N-Nitrosodi-n-propylamine	4.53	0.21	0.038	mg/kg dry	5.32	ND	85.2	35-115	NA	NA	
Pentachlorophenol	4.73	0.54	0.061	mg/kg dry	5.32	ND	88.9	30-130	NA	NA	
Phenol	5.15	0.21	0.058	mg/kg dry	5.32	ND	96.8	30-115	NA	NA	
Pyrene	10.6	0.21	0.032	mg/kg dry	5.32	6.5	77.1	30-130	NA	NA	
Surrogate: 2,4,6-Tribromophenol	*5.40*			mg/kg dry	*5.32*	*NA*	*102*	*30-150*			
Surrogate: 2-Fluorobiphenyl	*2.01*			mg/kg dry	*2.66*	*NA*	*75.6*	*30-104*			
Surrogate: 2-Fluorophenol	*3.86*			mg/kg dry	*5.32*	*NA*	*72.6*	*30-106*			
Surrogate: Nitrobenzene-d5	*1.78*			mg/kg dry	*2.66*	*NA*	*66.9*	*30-90*			
Surrogate: Phenol-d6	*4.14*			mg/kg dry	*5.32*	*NA*	*77.8*	*30-102*			
Surrogate: Terphenyl-d14	*2.11*			mg/kg dry	*2.66*	*NA*	*79.3*	*30-115*			

Matrix Spike Duplicate (B5L0003-MSD1) **Source: 0506249-01** Prepared: 12/01/05 Analyzed: 12/03/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	2.94	0.21	0.032	mg/kg dry	5.29	0.052	54.6	30-110	26.3	30	
1,4-Dichlorobenzene	3.06	0.21	0.032	mg/kg dry	5.29	0.32	51.8	30-110	24.4	30	
2,4-Dinitrotoluene	4.14	0.21	0.022	mg/kg dry	5.29	ND	78.3	30-130	13.7	35	
2-Chlorophenol	3.80	0.21	0.057	mg/kg dry	5.29	ND	71.8	35-110	16.9	25	
4-Chloro-3-methylphenol	4.09	0.21	0.070	mg/kg dry	5.29	ND	77.3	40-110	5.47	30	
4-Nitrophenol	4.65	0.21	0.067	mg/kg dry	5.29	ND	87.9	30-120	8.84	30	
Acenaphthene	5.95	0.21	0.032	mg/kg dry	5.29	2.1	72.8	30-115	12.3	30	
N-Nitrosodi-n-propylamine	3.82	0.21	0.038	mg/kg dry	5.29	ND	72.2	35-115	17.0	30	
Pentachlorophenol	4.18	0.54	0.060	mg/kg dry	5.29	ND	79.0	30-130	12.3	30	
Phenol	4.43	0.21	0.057	mg/kg dry	5.29	ND	83.7	30-115	15.0	25	
Pyrene	8.67	0.21	0.032	mg/kg dry	5.29	6.5	41.0	30-130	20.0	35	
Surrogate: 2,4,6-Tribromophenol	*4.81*			mg/kg dry	*5.29*	*NA*	*90.9*	*30-150*			
Surrogate: 2-Fluorobiphenyl	*1.64*			mg/kg dry	*2.64*	*NA*	*62.1*	*30-104*			
Surrogate: 2-Fluorophenol	*3.02*			mg/kg dry	*5.29*	*NA*	*57.1*	*30-106*			
Surrogate: Nitrobenzene-d5	*1.36*			mg/kg dry	*2.64*	*NA*	*51.5*	*30-90*			
Surrogate: Phenol-d6	*3.35*			mg/kg dry	*5.29*	*NA*	*63.3*	*30-102*			
Surrogate: Terphenyl-d14	*1.72*			mg/kg dry	*2.64*	*NA*	*65.2*	*30-115*			

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Service Engineering Group	Client Ref:05500	Work Order #: 0506249
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0094 - EPA 5035

Method Blank (B5L0094-BLK1) Prepared & Analyzed: 12/05/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	ND	0.050	0.0071	mg/kg	NA	NA	NA	NA	NA	NA	
1,1,1-Trichloroethane	ND	0.050	0.0030	mg/kg	NA	NA	NA	NA	NA	NA	
1,1,2,2-Tetrachloroethane	ND	0.050	0.012	mg/kg	NA	NA	NA	NA	NA	NA	
1,1,2-Trichloroethane	ND	0.050	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
1,1,2-Trichlorotrifluoroethane	ND	0.050	0.0058	mg/kg	NA	NA	NA	NA	NA	NA	
1,1-Dichloroethane	ND	0.050	0.0027	mg/kg	NA	NA	NA	NA	NA	NA	
1,1-Dichloroethene	ND	0.050	0.0043	mg/kg	NA	NA	NA	NA	NA	NA	
1,1-Dichloropropene	ND	0.050	0.0037	mg/kg	NA	NA	NA	NA	NA	NA	
1,2,3-Trichlorobenzene	ND	0.050	0.0055	mg/kg	NA	NA	NA	NA	NA	NA	
1,2,3-Trichloropropane	ND	0.050	0.015	mg/kg	NA	NA	NA	NA	NA	NA	
1,2,4-Trichlorobenzene	ND	0.050	0.0072	mg/kg	NA	NA	NA	NA	NA	NA	
1,2,4-Trimethylbenzene	ND	0.050	0.0035	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Dibromo-3-chloropropane	ND	0.050	0.020	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Dibromoethane	ND	0.050	0.0032	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	ND	0.050	0.0059	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Dichloroethane	ND	0.050	0.0027	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Dichloropropane	ND	0.050	0.0025	mg/kg	NA	NA	NA	NA	NA	NA	
1,3,5-Trimethylbenzene	ND	0.050	0.0049	mg/kg	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	ND	0.050	0.0042	mg/kg	NA	NA	NA	NA	NA	NA	
1,3-Dichloropropane	ND	0.050	0.0063	mg/kg	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	ND	0.050	0.0060	mg/kg	NA	NA	NA	NA	NA	NA	
2,2-Dichloropropane	ND	0.050	0.0052	mg/kg	NA	NA	NA	NA	NA	NA	
2-Butanone (MEK)	ND	0.50	0.066	mg/kg	NA	NA	NA	NA	NA	NA	
2-Chlorotoluene	ND	0.050	0.0097	mg/kg	NA	NA	NA	NA	NA	NA	
4-Chlorotoluene	ND	0.050	0.0066	mg/kg	NA	NA	NA	NA	NA	NA	
4-Isopropyltoluene	ND	0.050	0.0029	mg/kg	NA	NA	NA	NA	NA	NA	
Acetone	ND	1.0	0.077	mg/kg	NA	NA	NA	NA	NA	NA	
Allyl Chloride	ND	0.050	0.013	mg/kg	NA	NA	NA	NA	NA	NA	
Benzene	ND	0.050	0.0022	mg/kg	NA	NA	NA	NA	NA	NA	
Bromobenzene	ND	0.050	0.0074	mg/kg	NA	NA	NA	NA	NA	NA	
Bromochloromethane	ND	0.050	0.011	mg/kg	NA	NA	NA	NA	NA	NA	
Bromodichloromethane	ND	0.050	0.0053	mg/kg	NA	NA	NA	NA	NA	NA	
Bromoform	ND	0.25	0.0064	mg/kg	NA	NA	NA	NA	NA	NA	
Bromomethane	ND	0.050	0.0068	mg/kg	NA	NA	NA	NA	NA	NA	
Carbon Tetrachloride	ND	0.050	0.0028	mg/kg	NA	NA	NA	NA	NA	NA	
Chlorobenzene	ND	0.050	0.0021	mg/kg	NA	NA	NA	NA	NA	NA	
Chlorodibromomethane	ND	0.050	0.0015	mg/kg	NA	NA	NA	NA	NA	NA	
Chloroethane	ND	0.050	0.0056	mg/kg	NA	NA	NA	NA	NA	NA	
Chloroform	ND	0.050	0.0058	mg/kg	NA	NA	NA	NA	NA	NA	

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675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0094 - EPA 5035

Method Blank (B5L0094-BLK1) Prepared & Analyzed: 12/05/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	ND	0.050	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
cis-1,2-Dichloroethene	ND	0.050	0.0052	mg/kg	NA	NA	NA	NA	NA	NA	
cis-1,3-Dichloropropene	ND	0.050	0.0020	mg/kg	NA	NA	NA	NA	NA	NA	
Dibromomethane	ND	0.050	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Dichlorodifluoromethane	ND	0.050	0.0063	mg/kg	NA	NA	NA	NA	NA	NA	
Dichlorofluoromethane	ND	0.050	0.0052	mg/kg	NA	NA	NA	NA	NA	NA	
Ethyl Ether	ND	0.050	0.015	mg/kg	NA	NA	NA	NA	NA	NA	
Ethylbenzene	ND	0.050	0.0053	mg/kg	NA	NA	NA	NA	NA	NA	
Hexachlorobutadiene	ND	0.10	0.012	mg/kg	NA	NA	NA	NA	NA	NA	
Isopropylbenzene	ND	0.050	0.0032	mg/kg	NA	NA	NA	NA	NA	NA	
m,p-Xylenes	ND	0.050	0.0063	mg/kg	NA	NA	NA	NA	NA	NA	
Methyl Isobutyl Ketone	ND	0.25	0.021	mg/kg	NA	NA	NA	NA	NA	NA	
Methylene chloride	ND	0.25	0.032	mg/kg	NA	NA	NA	NA	NA	NA	
Methyl-t-butyl ether	ND	0.050	0.0060	mg/kg	NA	NA	NA	NA	NA	NA	
Naphthalene	ND	0.050	0.0050	mg/kg	NA	NA	NA	NA	NA	NA	
n-Butylbenzene	ND	0.050	0.0061	mg/kg	NA	NA	NA	NA	NA	NA	
n-Propylbenzene	ND	0.050	0.0052	mg/kg	NA	NA	NA	NA	NA	NA	
o-Xylene	ND	0.050	0.0070	mg/kg	NA	NA	NA	NA	NA	NA	
sec-Butylbenzene	ND	0.050	0.0021	mg/kg	NA	NA	NA	NA	NA	NA	
Styrene	ND	0.050	0.0023	mg/kg	NA	NA	NA	NA	NA	NA	
tert-Butylbenzene	ND	0.050	0.0051	mg/kg	NA	NA	NA	NA	NA	NA	
Tetrachloroethene	ND	0.10	0.0095	mg/kg	NA	NA	NA	NA	NA	NA	
Tetrahydrofuran	ND	0.25	0.058	mg/kg	NA	NA	NA	NA	NA	NA	
Toluene	ND	0.050	0.0086	mg/kg	NA	NA	NA	NA	NA	NA	
trans-1,2-Dichloroethene	ND	0.050	0.0068	mg/kg	NA	NA	NA	NA	NA	NA	
trans-1,3-Dichloropropene	ND	0.050	0.0059	mg/kg	NA	NA	NA	NA	NA	NA	
Trichloroethene	ND	0.050	0.0037	mg/kg	NA	NA	NA	NA	NA	NA	
Trichlorofluoromethane	ND	0.050	0.0095	mg/kg	NA	NA	NA	NA	NA	NA	
Vinyl chloride	ND	0.050	0.012	mg/kg	NA	NA	NA	NA	NA	NA	
Surrogate: 1,2-Dichloroethane-d4	*22.9*			ug/L	*25.0*	*NA*	*91.6*	*81-127*			
Surrogate: 4-Bromofluorobenzene	*27.6*			ug/L	*25.0*	*NA*	*110*	*74-117*			
Surrogate: Dibromofluoromethane	*25.5*			ug/L	*25.0*	*NA*	*102*	*79-127*			
Surrogate: Toluene-d8	*26.6*			ug/L	*25.0*	*NA*	*106*	*82-115*			

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Service Engineering Group	Client Ref:05500	Work Order #: 0506249
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0094 - EPA 5035

Laboratory Control Sample (B5L0094-BS1) Prepared & Analyzed: 12/05/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	1.45	0.050	0.0071	mg/kg	1.25	NA	116	80-120	NA	NA	
1,1,1-Trichloroethane	1.32	0.050	0.0030	mg/kg	1.25	NA	106	80-120	NA	NA	
1,1,2,2-Tetrachloroethane	1.21	0.050	0.012	mg/kg	1.25	NA	96.8	80-120	NA	NA	
1,1,2-Trichloroethane	1.26	0.050	0.010	mg/kg	1.25	NA	101	80-120	NA	NA	
1,1,2-Trichlorotrifluoroethane	1.45	0.050	0.0058	mg/kg	1.25	NA	116	80-120	NA	NA	
1,1-Dichloroethane	1.16	0.050	0.0027	mg/kg	1.25	NA	92.8	80-120	NA	NA	
1,1-Dichloroethene	1.36	0.050	0.0043	mg/kg	1.25	NA	109	80-120	NA	NA	
1,1-Dichloropropene	1.23	0.050	0.0037	mg/kg	1.25	NA	98.4	80-120	NA	NA	
1,2,3-Trichlorobenzene	1.32	0.050	0.0055	mg/kg	1.25	NA	106	80-120	NA	NA	
1,2,3-Trichloropropane	1.30	0.050	0.015	mg/kg	1.25	NA	104	80-120	NA	NA	
1,2,4-Trichlorobenzene	1.27	0.050	0.0072	mg/kg	1.25	NA	102	80-120	NA	NA	
1,2,4-Trimethylbenzene	1.22	0.050	0.0035	mg/kg	1.25	NA	97.6	80-120	NA	NA	
1,2-Dibromo-3-chloropropane	1.23	0.050	0.020	mg/kg	1.25	NA	98.4	80-120	NA	NA	
1,2-Dibromoethane	1.36	0.050	0.0032	mg/kg	1.25	NA	109	80-120	NA	NA	
1,2-Dichlorobenzene	1.22	0.050	0.0059	mg/kg	1.25	NA	97.6	80-120	NA	NA	
1,2-Dichloroethane	1.15	0.050	0.0027	mg/kg	1.25	NA	92.0	80-120	NA	NA	
1,2-Dichloropropane	1.04	0.050	0.0025	mg/kg	1.25	NA	83.2	80-120	NA	NA	
1,3,5-Trimethylbenzene	1.21	0.050	0.0049	mg/kg	1.25	NA	96.8	80-120	NA	NA	
1,3-Dichlorobenzene	1.24	0.050	0.0042	mg/kg	1.25	NA	99.2	80-120	NA	NA	
1,3-Dichloropropane	1.23	0.050	0.0063	mg/kg	1.25	NA	98.4	80-120	NA	NA	
1,4-Dichlorobenzene	1.24	0.050	0.0060	mg/kg	1.25	NA	99.2	80-120	NA	NA	
2,2-Dichloropropane	1.30	0.050	0.0052	mg/kg	1.25	NA	104	80-120	NA	NA	
2-Butanone (MEK)	1.07	0.50	0.066	mg/kg	1.25	NA	85.6	80-120	NA	NA	
2-Chlorotoluene	1.24	0.050	0.0097	mg/kg	1.25	NA	99.2	80-120	NA	NA	
4-Chlorotoluene	1.24	0.050	0.0066	mg/kg	1.25	NA	99.2	80-120	NA	NA	
4-Isopropyltoluene	1.28	0.050	0.0029	mg/kg	1.25	NA	102	80-120	NA	NA	
Acetone	1.10	1.0	0.077	mg/kg	1.25	NA	88.0	80-120	NA	NA	
Allyl Chloride	1.25	0.050	0.013	mg/kg	1.25	NA	100	80-120	NA	NA	
Benzene	1.14	0.050	0.0022	mg/kg	1.25	NA	91.2	80-120	NA	NA	
Bromobenzene	1.19	0.050	0.0074	mg/kg	1.25	NA	95.2	80-120	NA	NA	
Bromochloromethane	1.38	0.050	0.011	mg/kg	1.25	NA	110	80-120	NA	NA	
Bromodichloromethane	1.20	0.050	0.0053	mg/kg	1.25	NA	96.0	80-120	NA	NA	
Bromoform	1.32	0.25	0.0064	mg/kg	1.25	NA	106	80-120	NA	NA	
Bromomethane	1.33	0.050	0.0068	mg/kg	1.25	NA	106	80-120	NA	NA	
Carbon Tetrachloride	1.31	0.050	0.0028	mg/kg	1.25	NA	105	80-120	NA	NA	
Chlorobenzene	1.39	0.050	0.0021	mg/kg	1.25	NA	111	80-120	NA	NA	
Chlorodibromomethane	1.50	0.050	0.0015	mg/kg	1.25	NA	120	80-120	NA	NA	
Chloroethane	1.27	0.050	0.0056	mg/kg	1.25	NA	102	80-120	NA	NA	
Chloroform	1.25	0.050	0.0058	mg/kg	1.25	NA	100	80-120	NA	NA	

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675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0094 - EPA 5035

Laboratory Control Sample (B5L0094-BS1) Prepared & Analyzed: 12/05/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	1.14	0.050	0.010	mg/kg	1.25	NA	91.2	80-120	NA	NA	
cis-1,2-Dichloroethene	1.29	0.050	0.0052	mg/kg	1.25	NA	103	80-120	NA	NA	
cis-1,3-Dichloropropene	1.14	0.050	0.0020	mg/kg	1.25	NA	91.2	80-120	NA	NA	
Dibromomethane	1.13	0.050	0.010	mg/kg	1.25	NA	90.4	80-120	NA	NA	
Dichlorodifluoromethane	1.06	0.050	0.0063	mg/kg	1.25	NA	84.8	80-120	NA	NA	
Dichlorofluoromethane	1.26	0.050	0.0052	mg/kg	1.25	NA	101	80-120	NA	NA	
Ethyl Ether	1.20	0.050	0.015	mg/kg	1.25	NA	96.0	80-120	NA	NA	
Ethylbenzene	1.36	0.050	0.0053	mg/kg	1.25	NA	109	80-120	NA	NA	
Hexachlorobutadiene	1.22	0.10	0.012	mg/kg	1.25	NA	97.6	80-120	NA	NA	
Isopropylbenzene	1.41	0.050	0.0032	mg/kg	1.25	NA	113	80-120	NA	NA	
m,p-Xylenes	2.75	0.050	0.0063	mg/kg	2.50	NA	110	80-120	NA	NA	
Methyl Isobutyl Ketone	0.969	0.25	0.021	mg/kg	1.25	NA	77.5	80-120	NA	NA	
Methylene chloride	1.22	0.25	0.032	mg/kg	1.25	NA	97.6	80-120	NA	NA	
Methyl-t-butyl ether	1.20	0.050	0.0060	mg/kg	1.25	NA	96.0	80-120	NA	NA	
Naphthalene	1.29	0.050	0.0050	mg/kg	1.25	NA	103	80-120	NA	NA	
n-Butylbenzene	1.18	0.050	0.0061	mg/kg	1.25	NA	94.4	80-120	NA	NA	
n-Propylbenzene	1.24	0.050	0.0052	mg/kg	1.25	NA	99.2	80-120	NA	NA	
o-Xylene	1.39	0.050	0.0070	mg/kg	1.25	NA	111	80-120	NA	NA	
sec-Butylbenzene	1.24	0.050	0.0021	mg/kg	1.25	NA	99.2	80-120	NA	NA	
Styrene	1.40	0.050	0.0023	mg/kg	1.25	NA	112	80-120	NA	NA	
tert-Butylbenzene	1.25	0.050	0.0051	mg/kg	1.25	NA	100	80-120	NA	NA	
Tetrachloroethene	1.39	0.10	0.0095	mg/kg	1.25	NA	111	80-120	NA	NA	
Tetrahydrofuran	0.839	0.25	0.058	mg/kg	1.25	NA	67.1	80-120	NA	NA	
Toluene	1.27	0.050	0.0086	mg/kg	1.25	NA	102	80-120	NA	NA	
trans-1,2-Dichloroethene	1.32	0.050	0.0068	mg/kg	1.25	NA	106	80-120	NA	NA	
trans-1,3-Dichloropropene	1.15	0.050	0.0059	mg/kg	1.25	NA	92.0	80-120	NA	NA	
Trichloroethene	1.31	0.050	0.0037	mg/kg	1.25	NA	105	80-120	NA	NA	
Trichlorofluoromethane	1.34	0.050	0.0095	mg/kg	1.25	NA	107	80-120	NA	NA	
Vinyl chloride	1.21	0.050	0.012	mg/kg	1.25	NA	96.8	80-120	NA	NA	
Surrogate: 1,2-Dichloroethane-d4	*23.0*			ug/L	*25.0*	*NA*	*92.0*	*81-127*			
Surrogate: 4-Bromofluorobenzene	*28.4*			ug/L	*25.0*	*NA*	*114*	*74-117*			
Surrogate: Dibromofluoromethane	*26.5*			ug/L	*25.0*	*NA*	*106*	*79-127*			
Surrogate: Toluene-d8	*26.4*			ug/L	*25.0*	*NA*	*106*	*82-115*			

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Service Engineering Group	Client Ref:05500	Work Order #: 0506249
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0094 - EPA 5035

Laboratory Control Sample Duplicate (B5L0094-BSD1) Prepared & Analyzed: 12/05/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	1.47	0.050	0.0071	mg/kg	1.25	NA	118	80-120	1.37	20	
1,1,1-Trichloroethane	1.33	0.050	0.0030	mg/kg	1.25	NA	106	80-120	0.755	20	
1,1,2,2-Tetrachloroethane	1.24	0.050	0.012	mg/kg	1.25	NA	99.2	80-120	2.45	20	
1,1,2-Trichloroethane	1.25	0.050	0.010	mg/kg	1.25	NA	100	80-120	0.797	20	
1,1,2-Trichlorotrifluoroethane	1.46	0.050	0.0058	mg/kg	1.25	NA	117	80-120	0.687	20	
1,1-Dichloroethane	1.20	0.050	0.0027	mg/kg	1.25	NA	96.0	80-120	3.39	20	
1,1-Dichloroethene	1.39	0.050	0.0043	mg/kg	1.25	NA	111	80-120	2.18	20	
1,1-Dichloropropene	1.25	0.050	0.0037	mg/kg	1.25	NA	100	80-120	1.61	20	
1,2,3-Trichlorobenzene	1.37	0.050	0.0055	mg/kg	1.25	NA	110	80-120	3.72	20	
1,2,3-Trichloropropane	1.32	0.050	0.015	mg/kg	1.25	NA	106	80-120	1.53	20	
1,2,4-Trichlorobenzene	1.30	0.050	0.0072	mg/kg	1.25	NA	104	80-120	2.33	20	
1,2,4-Trimethylbenzene	1.26	0.050	0.0035	mg/kg	1.25	NA	101	80-120	3.23	20	
1,2-Dibromo-3-chloropropane	1.28	0.050	0.020	mg/kg	1.25	NA	102	80-120	3.98	20	
1,2-Dibromoethane	1.36	0.050	0.0032	mg/kg	1.25	NA	109	80-120	0.00	20	
1,2-Dichlorobenzene	1.26	0.050	0.0059	mg/kg	1.25	NA	101	80-120	3.23	20	
1,2-Dichloroethane	1.18	0.050	0.0027	mg/kg	1.25	NA	94.4	80-120	2.58	20	
1,2-Dichloropropane	1.05	0.050	0.0025	mg/kg	1.25	NA	84.0	80-120	0.957	20	
1,3,5-Trimethylbenzene	1.25	0.050	0.0049	mg/kg	1.25	NA	100	80-120	3.25	20	
1,3-Dichlorobenzene	1.27	0.050	0.0042	mg/kg	1.25	NA	102	80-120	2.39	20	
1,3-Dichloropropane	1.24	0.050	0.0063	mg/kg	1.25	NA	99.2	80-120	0.810	20	
1,4-Dichlorobenzene	1.27	0.050	0.0060	mg/kg	1.25	NA	102	80-120	2.39	20	
2,2-Dichloropropane	1.31	0.050	0.0052	mg/kg	1.25	NA	105	80-120	0.766	20	
2-Butanone (MEK)	1.11	0.50	0.066	mg/kg	1.25	NA	88.8	80-120	3.67	20	
2-Chlorotoluene	1.27	0.050	0.0097	mg/kg	1.25	NA	102	80-120	2.39	20	
4-Chlorotoluene	1.26	0.050	0.0066	mg/kg	1.25	NA	101	80-120	1.60	20	
4-Isopropyltoluene	1.31	0.050	0.0029	mg/kg	1.25	NA	105	80-120	2.32	20	
Acetone	1.08	1.0	0.077	mg/kg	1.25	NA	86.4	80-120	1.83	20	
Allyl Chloride	1.26	0.050	0.013	mg/kg	1.25	NA	101	80-120	0.797	20	
Benzene	1.15	0.050	0.0022	mg/kg	1.25	NA	92.0	80-120	0.873	20	
Bromobenzene	1.23	0.050	0.0074	mg/kg	1.25	NA	98.4	80-120	3.31	20	
Bromochloromethane	1.42	0.050	0.011	mg/kg	1.25	NA	114	80-120	2.86	20	
Bromodichloromethane	1.20	0.050	0.0053	mg/kg	1.25	NA	96.0	80-120	0.00	20	
Bromoform	1.31	0.25	0.0064	mg/kg	1.25	NA	105	80-120	0.760	20	
Bromomethane	1.37	0.050	0.0068	mg/kg	1.25	NA	110	80-120	2.96	20	
Carbon Tetrachloride	1.30	0.050	0.0028	mg/kg	1.25	NA	104	80-120	0.766	20	
Chlorobenzene	1.42	0.050	0.0021	mg/kg	1.25	NA	114	80-120	2.14	20	
Chlorodibromomethane	1.51	0.050	0.0015	mg/kg	1.25	NA	121	80-120	0.664	20	
Chloroethane	1.24	0.050	0.0056	mg/kg	1.25	NA	99.2	80-120	2.39	20	
Chloroform	1.26	0.050	0.0058	mg/kg	1.25	NA	101	80-120	0.797	20	

The results in this report apply only to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Service Engineering Group	Client Ref:05500	Work Order #: 0506249
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0094 - EPA 5035

Laboratory Control Sample Duplicate (B5L0094-BSD1) Prepared & Analyzed: 12/05/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	1.15	0.050	0.010	mg/kg	1.25	NA	92.0	80-120	0.873	20	
cis-1,2-Dichloroethene	1.32	0.050	0.0052	mg/kg	1.25	NA	106	80-120	2.30	20	
cis-1,3-Dichloropropene	1.16	0.050	0.0020	mg/kg	1.25	NA	92.8	80-120	1.74	20	
Dibromomethane	1.14	0.050	0.010	mg/kg	1.25	NA	91.2	80-120	0.881	20	
Dichlorodifluoromethane	1.01	0.050	0.0063	mg/kg	1.25	NA	80.8	80-120	4.83	20	
Dichlorofluoromethane	1.24	0.050	0.0052	mg/kg	1.25	NA	99.2	80-120	1.60	20	
Ethyl Ether	1.19	0.050	0.015	mg/kg	1.25	NA	95.2	80-120	0.837	20	
Ethylbenzene	1.36	0.050	0.0053	mg/kg	1.25	NA	109	80-120	0.00	20	
Hexachlorobutadiene	1.29	0.10	0.012	mg/kg	1.25	NA	103	80-120	5.58	20	
Isopropylbenzene	1.40	0.050	0.0032	mg/kg	1.25	NA	112	80-120	0.712	20	
m,p-Xylenes	2.75	0.050	0.0063	mg/kg	2.50	NA	110	80-120	0.00	20	
Methyl Isobutyl Ketone	0.976	0.25	0.021	mg/kg	1.25	NA	78.1	80-120	0.720	20	
Methylene chloride	1.23	0.25	0.032	mg/kg	1.25	NA	98.4	80-120	0.816	20	
Methyl-t-butyl ether	1.21	0.050	0.0060	mg/kg	1.25	NA	96.8	80-120	0.830	20	
Naphthalene	1.34	0.050	0.0050	mg/kg	1.25	NA	107	80-120	3.80	20	
n-Butylbenzene	1.22	0.050	0.0061	mg/kg	1.25	NA	97.6	80-120	3.33	20	
n-Propylbenzene	1.28	0.050	0.0052	mg/kg	1.25	NA	102	80-120	3.17	20	
o-Xylene	1.38	0.050	0.0070	mg/kg	1.25	NA	110	80-120	0.722	20	
sec-Butylbenzene	1.27	0.050	0.0021	mg/kg	1.25	NA	102	80-120	2.39	20	
Styrene	1.41	0.050	0.0023	mg/kg	1.25	NA	113	80-120	0.712	20	
tert-Butylbenzene	1.28	0.050	0.0051	mg/kg	1.25	NA	102	80-120	2.37	20	
Tetrachloroethene	1.40	0.10	0.0095	mg/kg	1.25	NA	112	80-120	0.717	20	
Tetrahydrofuran	0.870	0.25	0.058	mg/kg	1.25	NA	69.6	80-120	3.63	20	
Toluene	1.28	0.050	0.0086	mg/kg	1.25	NA	102	80-120	0.784	20	
trans-1,2-Dichloroethene	1.32	0.050	0.0068	mg/kg	1.25	NA	106	80-120	0.00	20	
trans-1,3-Dichloropropene	1.17	0.050	0.0059	mg/kg	1.25	NA	93.6	80-120	1.72	20	
Trichloroethene	1.32	0.050	0.0037	mg/kg	1.25	NA	106	80-120	0.760	20	
Trichlorofluoromethane	1.31	0.050	0.0095	mg/kg	1.25	NA	105	80-120	2.26	20	
Vinyl chloride	1.16	0.050	0.012	mg/kg	1.25	NA	92.8	80-120	4.22	20	
Surrogate: 1,2-Dichloroethane-d4	*22.8*			ug/L	*25.0*	*NA*	*91.2*	*81-127*			
Surrogate: 4-Bromofluorobenzene	*27.9*			ug/L	*25.0*	*NA*	*112*	*74-117*			
Surrogate: Dibromofluoromethane	*26.5*			ug/L	*25.0*	*NA*	*106*	*79-127*			
Surrogate: Toluene-d8	*26.5*			ug/L	*25.0*	*NA*	*106*	*82-115*			

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Service Engineering Group	Client Ref:05500	Work Order #: 0506249
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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0094 - EPA 5035

Matrix Spike (B5L0094-MS2) **Source: 0506249-01** Prepared: 12/05/05 Analyzed: 12/08/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	2.39	0.080	0.011	mg/kg dry	2.00	ND	120	80-120	NA	NA	
1,1,1-Trichloroethane	2.20	0.080	0.0048	mg/kg dry	2.00	ND	110	80-120	NA	NA	
1,1,2,2-Tetrachloroethane	2.06	0.080	0.019	mg/kg dry	2.00	ND	103	80-120	NA	NA	
1,1,2-Trichloroethane	1.98	0.080	0.016	mg/kg dry	2.00	ND	99.0	80-120	NA	NA	
1,1,2-Trichlorotrifluoroethane	2.37	0.080	0.0093	mg/kg dry	2.00	ND	118	80-120	NA	NA	
1,1-Dichloroethane	1.95	0.080	0.0043	mg/kg dry	2.00	ND	97.5	80-120	NA	NA	
1,1-Dichloroethene	2.19	0.080	0.0069	mg/kg dry	2.00	ND	110	80-120	NA	NA	
1,1-Dichloropropene	2.08	0.080	0.0059	mg/kg dry	2.00	ND	104	80-120	NA	NA	
1,2,3-Trichlorobenzene	2.16	0.080	0.0088	mg/kg dry	2.00	ND	108	80-120	NA	NA	
1,2,3-Trichloropropane	2.21	0.080	0.024	mg/kg dry	2.00	ND	110	80-120	NA	NA	
1,2,4-Trichlorobenzene	2.07	0.080	0.012	mg/kg dry	2.00	ND	104	80-120	NA	NA	
1,2,4-Trimethylbenzene	2.06	0.080	0.0056	mg/kg dry	2.00	0.53	76.5	80-120	NA	NA	
1,2-Dibromo-3-chloropropane	2.19	0.080	0.032	mg/kg dry	2.00	ND	110	80-120	NA	NA	
1,2-Dibromoethane	2.21	0.080	0.0051	mg/kg dry	2.00	ND	110	80-120	NA	NA	
1,2-Dichlorobenzene	1.97	0.080	0.0094	mg/kg dry	2.00	ND	98.5	80-120	NA	NA	
1,2-Dichloroethane	1.85	0.080	0.0043	mg/kg dry	2.00	ND	92.5	80-120	NA	NA	
1,2-Dichloropropane	1.68	0.080	0.0040	mg/kg dry	2.00	ND	84.0	80-120	NA	NA	
1,3,5-Trimethylbenzene	1.98	0.080	0.0078	mg/kg dry	2.00	0.22	88.0	80-120	NA	NA	
1,3-Dichlorobenzene	2.00	0.080	0.0067	mg/kg dry	2.00	ND	100	80-120	NA	NA	
1,3-Dichloropropane	1.95	0.080	0.010	mg/kg dry	2.00	ND	97.5	80-120	NA	NA	
1,4-Dichlorobenzene	1.99	0.080	0.0096	mg/kg dry	2.00	0.11	94.0	80-120	NA	NA	
2,2-Dichloropropane	2.09	0.080	0.0083	mg/kg dry	2.00	ND	104	80-120	NA	NA	
2-Butanone (MEK)	1.74	0.80	0.11	mg/kg dry	2.00	ND	87.0	80-120	NA	NA	
2-Chlorotoluene	1.97	0.080	0.015	mg/kg dry	2.00	ND	98.5	80-120	NA	NA	
4-Chlorotoluene	1.99	0.080	0.011	mg/kg dry	2.00	ND	99.5	80-120	NA	NA	
4-Isopropyltoluene	2.06	0.080	0.0046	mg/kg dry	2.00	ND	103	80-120	NA	NA	
Acetone	2.29	1.6	0.12	mg/kg dry	2.00	ND	114	80-120	NA	NA	
Allyl Chloride	2.04	0.080	0.021	mg/kg dry	2.00	ND	102	80-120	NA	NA	
Benzene	1.85	0.080	0.0035	mg/kg dry	2.00	ND	92.5	80-120	NA	NA	
Bromobenzene	1.96	0.080	0.012	mg/kg dry	2.00	ND	98.0	80-120	NA	NA	
Bromochloromethane	2.25	0.080	0.018	mg/kg dry	2.00	ND	112	80-120	NA	NA	
Bromodichloromethane	1.92	0.080	0.0085	mg/kg dry	2.00	ND	96.0	80-120	NA	NA	
Bromoform	2.23	0.40	0.010	mg/kg dry	2.00	ND	112	80-120	NA	NA	
Bromomethane	2.25	0.080	0.011	mg/kg dry	2.00	ND	112	80-120	NA	NA	
Carbon Tetrachloride	2.20	0.080	0.0045	mg/kg dry	2.00	ND	110	80-120	NA	NA	
Chlorobenzene	2.33	0.080	0.0034	mg/kg dry	2.00	0.12	110	80-120	NA	NA	
Chlorodibromomethane	2.46	0.080	0.0024	mg/kg dry	2.00	ND	123	80-120	NA	NA	
Chloroethane	1.84	0.080	0.0089	mg/kg dry	2.00	ND	92.0	80-120	NA	NA	
Chloroform	2.01	0.080	0.0093	mg/kg dry	2.00	ND	100	80-120	NA	NA	

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11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
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Service Engineering Group	Client Ref:05500	Work Order #: 0506249
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0094 - EPA 5035

Matrix Spike (B5L0094-MS2) **Source: 0506249-01** Prepared: 12/05/05 Analyzed: 12/08/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	1.61	0.080	0.016	mg/kg dry	2.00	ND	80.5	80-120	NA	NA	
cis-1,2-Dichloroethene	2.11	0.080	0.0083	mg/kg dry	2.00	ND	106	80-120	NA	NA	
cis-1,3-Dichloropropene	1.83	0.080	0.0032	mg/kg dry	2.00	ND	91.5	80-120	NA	NA	
Dibromomethane	1.78	0.080	0.016	mg/kg dry	2.00	ND	89.0	80-120	NA	NA	
Dichlorodifluoromethane	1.28	0.080	0.010	mg/kg dry	2.00	ND	64.0	80-120	NA	NA	
Dichlorofluoromethane	1.88	0.080	0.0083	mg/kg dry	2.00	ND	94.0	80-120	NA	NA	
Ethyl Ether	1.87	0.080	0.024	mg/kg dry	2.00	ND	93.5	80-120	NA	NA	
Ethylbenzene	2.21	0.080	0.0085	mg/kg dry	2.00	ND	110	80-120	NA	NA	
Hexachlorobutadiene	2.13	0.16	0.019	mg/kg dry	2.00	ND	106	80-120	NA	NA	
Isopropylbenzene	2.32	0.080	0.0051	mg/kg dry	2.00	0.081	112	80-120	NA	NA	
m,p-Xylenes	4.50	0.080	0.010	mg/kg dry	3.99	0.18	108	80-120	NA	NA	
Methyl Isobutyl Ketone	1.62	0.40	0.034	mg/kg dry	2.00	ND	81.0	80-120	NA	NA	
Methylene chloride	1.95	0.40	0.051	mg/kg dry	2.00	ND	97.5	80-120	NA	NA	
Methyl-t-butyl ether	1.93	0.080	0.0096	mg/kg dry	2.00	ND	96.5	80-120	NA	NA	
Naphthalene	2.73	0.080	0.0080	mg/kg dry	2.00	2.3	21.5	80-120	NA	NA	
n-Butylbenzene	1.93	0.080	0.0097	mg/kg dry	2.00	ND	96.5	80-120	NA	NA	
n-Propylbenzene	2.00	0.080	0.0083	mg/kg dry	2.00	ND	100	80-120	NA	NA	
o-Xylene	2.26	0.080	0.011	mg/kg dry	2.00	0.12	107	80-120	NA	NA	
sec-Butylbenzene	2.00	0.080	0.0034	mg/kg dry	2.00	ND	100	80-120	NA	NA	
Styrene	2.30	0.080	0.0037	mg/kg dry	2.00	ND	115	80-120	NA	NA	
tert-Butylbenzene	2.01	0.080	0.0081	mg/kg dry	2.00	ND	100	80-120	NA	NA	
Tetrachloroethene	2.20	0.16	0.015	mg/kg dry	2.00	ND	110	80-120	NA	NA	
Tetrahydrofuran	1.47	0.40	0.093	mg/kg dry	2.00	ND	73.5	80-120	NA	NA	
Toluene	2.07	0.080	0.014	mg/kg dry	2.00	ND	104	80-120	NA	NA	
trans-1,2-Dichloroethene	2.14	0.080	0.011	mg/kg dry	2.00	ND	107	80-120	NA	NA	
trans-1,3-Dichloropropene	1.84	0.080	0.0094	mg/kg dry	2.00	ND	92.0	80-120	NA	NA	
Trichloroethene	2.15	0.080	0.0059	mg/kg dry	2.00	ND	108	80-120	NA	NA	
Trichlorofluoromethane	1.98	0.080	0.015	mg/kg dry	2.00	ND	99.0	80-120	NA	NA	
Vinyl chloride	1.83	0.080	0.019	mg/kg dry	2.00	ND	91.5	80-120	NA	NA	
Surrogate: 1,2-Dichloroethane-d4	*22.4*			ug/L	*25.0*	*NA*	*89.6*	*81-127*			
Surrogate: 4-Bromofluorobenzene	*29.3*			ug/L	*25.0*	*NA*	*117*	*74-117*			
Surrogate: Dibromofluoromethane	*26.3*			ug/L	*25.0*	*NA*	*105*	*79-127*			
Surrogate: Toluene-d8	*26.4*			ug/L	*25.0*	*NA*	*106*	*82-115*			

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Service Engineering Group	Client Ref:05500	Work Order #: 0506249
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0094 - EPA 5035

Matrix Spike Duplicate (B5L0094-MSD2) **Source: 0506249-01** Prepared: 12/05/05 Analyzed: 12/08/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	2.36	0.080	0.011	mg/kg dry	2.00	ND	118	80-120	1.26	20	
1,1,1-Trichloroethane	2.18	0.080	0.0048	mg/kg dry	2.00	ND	109	80-120	0.913	20	
1,1,2,2-Tetrachloroethane	2.08	0.080	0.019	mg/kg dry	2.00	ND	104	80-120	0.966	20	
1,1,2-Trichloroethane	1.97	0.080	0.016	mg/kg dry	2.00	ND	98.5	80-120	0.506	20	
1,1,2-Trichlorotrifluoroethane	2.38	0.080	0.0093	mg/kg dry	2.00	ND	119	80-120	0.421	20	
1,1-Dichloroethane	2.00	0.080	0.0043	mg/kg dry	2.00	ND	100	80-120	2.53	20	
1,1-Dichloroethene	2.26	0.080	0.0069	mg/kg dry	2.00	ND	113	80-120	3.15	20	
1,1-Dichloropropene	2.10	0.080	0.0059	mg/kg dry	2.00	ND	105	80-120	0.957	20	
1,2,3-Trichlorobenzene	2.17	0.080	0.0088	mg/kg dry	2.00	ND	108	80-120	0.462	20	
1,2,3-Trichloropropane	2.19	0.080	0.024	mg/kg dry	2.00	ND	110	80-120	0.909	20	
1,2,4-Trichlorobenzene	2.09	0.080	0.012	mg/kg dry	2.00	ND	104	80-120	0.962	20	
1,2,4-Trimethylbenzene	2.08	0.080	0.0056	mg/kg dry	2.00	0.53	77.5	80-120	0.966	20	
1,2-Dibromo-3-chloropropane	2.25	0.080	0.032	mg/kg dry	2.00	ND	112	80-120	2.70	20	
1,2-Dibromoethane	2.21	0.080	0.0051	mg/kg dry	2.00	ND	110	80-120	0.00	20	
1,2-Dichlorobenzene	1.98	0.080	0.0094	mg/kg dry	2.00	ND	99.0	80-120	0.506	20	
1,2-Dichloroethane	1.86	0.080	0.0043	mg/kg dry	2.00	ND	93.0	80-120	0.539	20	
1,2-Dichloropropane	1.71	0.080	0.0040	mg/kg dry	2.00	ND	85.5	80-120	1.77	20	
1,3,5-Trimethylbenzene	2.00	0.080	0.0078	mg/kg dry	2.00	0.22	89.0	80-120	1.01	20	
1,3-Dichlorobenzene	2.01	0.080	0.0067	mg/kg dry	2.00	ND	100	80-120	0.499	20	
1,3-Dichloropropane	1.95	0.080	0.010	mg/kg dry	2.00	ND	97.5	80-120	0.00	20	
1,4-Dichlorobenzene	2.01	0.080	0.0096	mg/kg dry	2.00	0.11	95.0	80-120	1.00	20	
2,2-Dichloropropane	2.12	0.080	0.0083	mg/kg dry	2.00	ND	106	80-120	1.43	20	
2-Butanone (MEK)	1.98	0.80	0.11	mg/kg dry	2.00	ND	99.0	80-120	12.9	20	
2-Chlorotoluene	1.99	0.080	0.015	mg/kg dry	2.00	ND	99.5	80-120	1.01	20	
4-Chlorotoluene	2.00	0.080	0.011	mg/kg dry	2.00	ND	100	80-120	0.501	20	
4-Isopropyltoluene	2.07	0.080	0.0046	mg/kg dry	2.00	ND	104	80-120	0.484	20	
Acetone	2.46	1.6	0.12	mg/kg dry	2.00	ND	123	80-120	7.16	20	
Allyl Chloride	2.11	0.080	0.021	mg/kg dry	2.00	ND	106	80-120	3.37	20	
Benzene	1.86	0.080	0.0035	mg/kg dry	2.00	ND	93.0	80-120	0.539	20	
Bromobenzene	1.99	0.080	0.012	mg/kg dry	2.00	ND	99.5	80-120	1.52	20	
Bromochloromethane	2.29	0.080	0.018	mg/kg dry	2.00	ND	114	80-120	1.76	20	
Bromodichloromethane	1.91	0.080	0.0085	mg/kg dry	2.00	ND	95.5	80-120	0.522	20	
Bromoform	2.25	0.40	0.010	mg/kg dry	2.00	ND	112	80-120	0.893	20	
Bromomethane	2.19	0.080	0.011	mg/kg dry	2.00	ND	110	80-120	2.70	20	
Carbon Tetrachloride	2.17	0.080	0.0045	mg/kg dry	2.00	ND	108	80-120	1.37	20	
Chlorobenzene	2.30	0.080	0.0034	mg/kg dry	2.00	0.12	109	80-120	1.30	20	
Chlorodibromomethane	2.41	0.080	0.0024	mg/kg dry	2.00	ND	120	80-120	2.05	20	
Chloroethane	1.83	0.080	0.0089	mg/kg dry	2.00	ND	91.5	80-120	0.545	20	
Chloroform	2.04	0.080	0.0093	mg/kg dry	2.00	ND	102	80-120	1.48	20	

BRAUN INTERTEC

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Bloomington, MN 55438
952-995-2000 Phone
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Service Engineering Group	Client Ref:05500	Work Order #: 0506249
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0094 - EPA 5035

Matrix Spike Duplicate (B5L0094-MSD2) **Source: 0506249-01** Prepared: 12/05/05 Analyzed: 12/08/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	1.58	0.080	0.016	mg/kg dry	2.00	ND	79.0	80-120	1.88	20	
cis-1,2-Dichloroethene	2.18	0.080	0.0083	mg/kg dry	2.00	ND	109	80-120	3.26	20	
cis-1,3-Dichloropropene	1.84	0.080	0.0032	mg/kg dry	2.00	ND	92.0	80-120	0.545	20	
Dibromomethane	1.82	0.080	0.016	mg/kg dry	2.00	ND	91.0	80-120	2.22	20	
Dichlorodifluoromethane	1.27	0.080	0.010	mg/kg dry	2.00	ND	63.5	80-120	0.784	20	
Dichlorofluoromethane	1.84	0.080	0.0083	mg/kg dry	2.00	ND	92.0	80-120	2.15	20	
Ethyl Ether	1.81	0.080	0.024	mg/kg dry	2.00	ND	90.5	80-120	3.26	20	
Ethylbenzene	2.20	0.080	0.0085	mg/kg dry	2.00	ND	110	80-120	0.454	20	
Hexachlorobutadiene	2.10	0.16	0.019	mg/kg dry	2.00	ND	105	80-120	1.42	20	
Isopropylbenzene	2.29	0.080	0.0051	mg/kg dry	2.00	0.081	110	80-120	1.30	20	
m,p-Xylenes	4.49	0.080	0.010	mg/kg dry	3.99	0.18	108	80-120	0.222	20	
Methyl Isobutyl Ketone	1.64	0.40	0.034	mg/kg dry	2.00	ND	82.0	80-120	1.23	20	
Methylene chloride	1.98	0.40	0.051	mg/kg dry	2.00	ND	99.0	80-120	1.53	20	
Methyl-t-butyl ether	1.98	0.080	0.0096	mg/kg dry	2.00	ND	99.0	80-120	2.56	20	
Naphthalene	2.79	0.080	0.0080	mg/kg dry	2.00	2.3	24.5	80-120	2.17	20	
n-Butylbenzene	1.95	0.080	0.0097	mg/kg dry	2.00	ND	97.5	80-120	1.03	20	
n-Propylbenzene	2.02	0.080	0.0083	mg/kg dry	2.00	ND	101	80-120	0.995	20	
o-Xylene	2.25	0.080	0.011	mg/kg dry	2.00	0.12	106	80-120	0.443	20	
sec-Butylbenzene	2.02	0.080	0.0034	mg/kg dry	2.00	ND	101	80-120	0.995	20	
Styrene	2.30	0.080	0.0037	mg/kg dry	2.00	ND	115	80-120	0.00	20	
tert-Butylbenzene	2.03	0.080	0.0081	mg/kg dry	2.00	ND	102	80-120	0.990	20	
Tetrachloroethene	2.21	0.16	0.015	mg/kg dry	2.00	ND	110	80-120	0.454	20	
Tetrahydrofuran	1.52	0.40	0.093	mg/kg dry	2.00	ND	76.0	80-120	3.34	20	
Toluene	2.07	0.080	0.014	mg/kg dry	2.00	ND	104	80-120	0.00	20	
trans-1,2-Dichloroethene	2.19	0.080	0.011	mg/kg dry	2.00	ND	110	80-120	2.31	20	
trans-1,3-Dichloropropene	1.85	0.080	0.0094	mg/kg dry	2.00	ND	92.5	80-120	0.542	20	
Trichloroethene	2.15	0.080	0.0059	mg/kg dry	2.00	ND	108	80-120	0.00	20	
Trichlorofluoromethane	1.91	0.080	0.015	mg/kg dry	2.00	ND	95.5	80-120	3.60	20	
Vinyl chloride	1.71	0.080	0.019	mg/kg dry	2.00	ND	85.5	80-120	6.78	20	
Surrogate: 1,2-Dichloroethane-d4	*22.4*			ug/L	*25.0*	*NA*	*89.6*	*81-127*			
Surrogate: 4-Bromofluorobenzene	*29.0*			ug/L	*25.0*	*NA*	*116*	*74-117*			
Surrogate: Dibromofluoromethane	*26.9*			ug/L	*25.0*	*NA*	*108*	*79-127*			
Surrogate: Toluene-d8	*26.4*			ug/L	*25.0*	*NA*	*106*	*82-115*			

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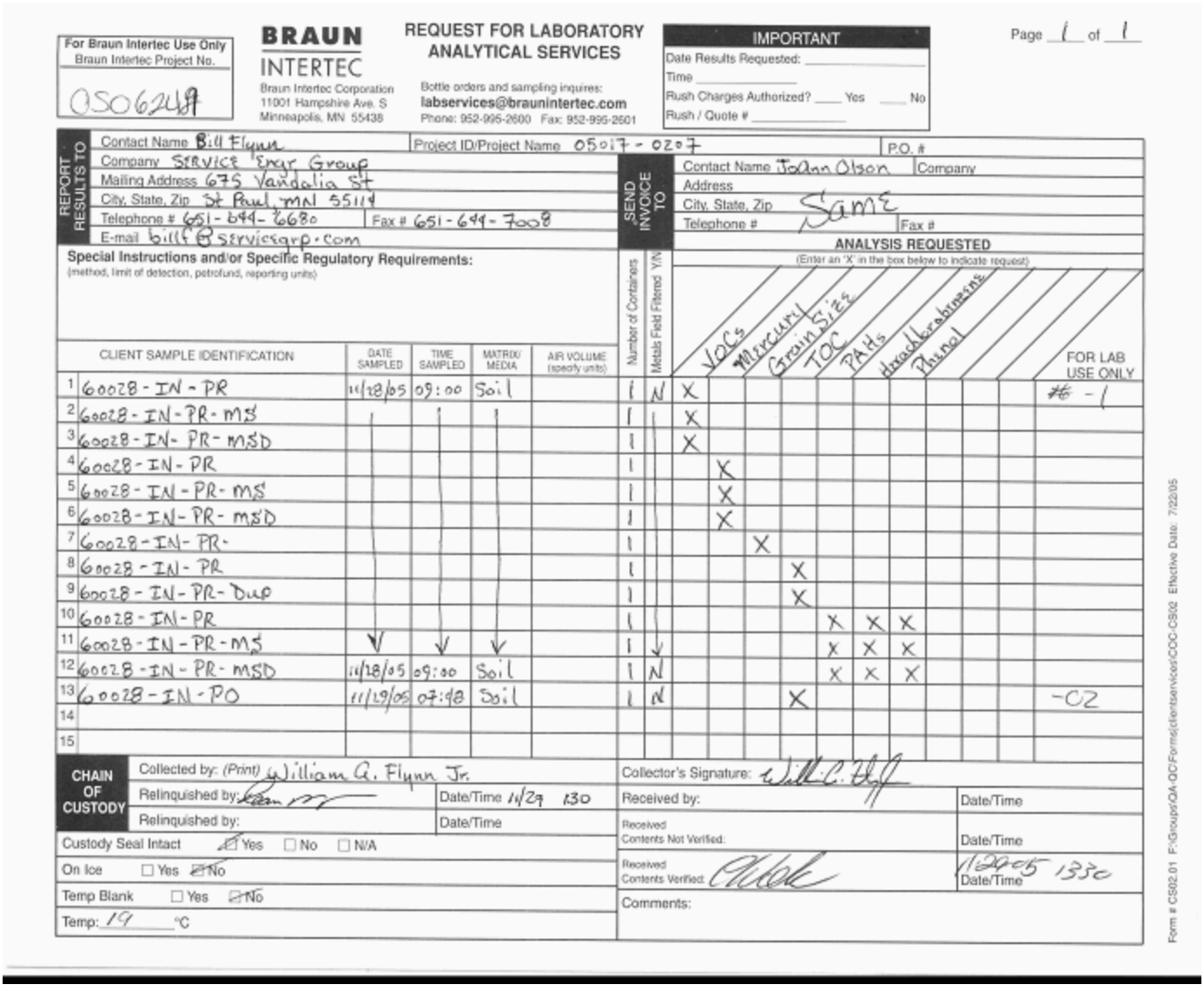
Service Engineering Group	Client Ref: 05500	Work Order #: 0506249
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003



For Braun Intertec Use Only
Braun Intertec Project No.
0506249

BRAUN INTERTEC
Braun Intertec Corporation
11001 Hampshire Ave. S
Minneapolis, MN 55438

REQUEST FOR LABORATORY ANALYTICAL SERVICES

Bottle orders and sampling inquires:
labservices@braunintertec.com
Phone: 952-995-2600 Fax: 952-995-2601

IMPORTANT
Date Results Requested: _____
Time _____
Rush Charges Authorized? ____ Yes ____ No
Rush / Quote # _____

Page 1 of 1

REPORT RESULTS TO
Contact Name Bill Flynn
Company SERVICE Engr Group
Mailing Address 675 Vandalia St
City, State, Zip St Paul, MN 55114
Telephone # 651-644-6680 Fax # 651-644-7008
E-mail billf@servicegrp.com

Project ID/Project Name 05017-0207
P.O. #

SEND INVOICE TO
Contact Name JoAnn Olson
Company
Address
City, State, Zip Same
Telephone #
Fax #

Special Instructions and/or Specific Regulatory Requirements:
(method, limit of detection, petrofund, reporting units)

ANALYSIS REQUESTED
(Enter an 'X' in the box below to indicate request)

	CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)	Number of Containers	Metals Field Filtered Y/N	VOCs	Mercury	Grain Size	TOC	PAHs	Hexachlorobenzene	Phenol				FOR LAB USE ONLY
1	60028-IN-PR	11/28/05	09:00	Soil		1	N	X										#-1
2	60028-IN-PR-MS					1		X										
3	60028-IN-PR-MSD					1		X										
4	60028-IN-PR					1			X									
5	60028-IN-PR-MS					1			X									
6	60028-IN-PR-MSD					1			X									
7	60028-IN-PR-					1				X								
8	60028-IN-PR					1					X							
9	60028-IN-PR-Dup					1					X							
10	60028-IN-PR					1						X	X	X				
11	60028-IN-PR-MS					1						X	X	X				
12	60028-IN-PR-MSD	11/28/05	09:00	Soil		1	N					X	X	X				
13	60028-IN-PO	11/29/05	07:48	Soil		1	N				X							-02
14																		
15																		

CHAIN OF CUSTODY
Collected by: (Print) William A. Flynn Jr.
Relinquished by: [signature] Date/Time 11/29 130
Relinquished by: Date/Time
Custody Seal Intact ☑ Yes ☐ No ☐ N/A
On Ice ☐ Yes ☑ No
Temp Blank ☐ Yes ☑ No
Temp: 19 °C

Collector's Signature: [signature]
Received by: Date/Time
Received Contents Not Verified: Date/Time
Received Contents Verified: [signature] 11/29/05 1330 Date/Time
Comments:

Form # CS02.01 F:\Groups\QA-QC\Forms\clientservices\COC-CS02 Effective Date: 7/22/05

BRAUN INTERTEC

Braun Intertec Corporation
11001 Hampshire Avenue S
Minneapolis, MN 55438

Phone: 952.995.2000
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Web: brauninterteс.com

Mr. Bill Flynn
Service Engineering Group
675 Vandalia Street
St. Paul, MN 55114-1312

December 21, 2005

Work Order #: 0506259

RE: 05017-0207
05500

Dear Mr. Bill Flynn

Braun Intertec Corporation received samples for the project identified above on 11/30/05 15:13. Analytical results are summarized in the following report.

All routine quality assurance procedures were followed, unless otherwise noted.

Where possible, the samples will be retained by the laboratory for 14 days following issuance of the initial final report. The samples will be disposed of or returned at that time.

We appreciate your decision to use Braun Intertec Corporation for this project. We are committed to being your vendor of choice to meet your analytical chemistry needs.

If you have any questions please contact me at the above phone number.

Sincerely,
BRAUN INTERTEC CORPORATION

Steven J. Albrecht
Associate Principal

AIHA Environmental Lead and Industrial Hygiene ACCREDITED LABORATORY
AIHA 101103

Providing engineering and environmental solutions since 1957

BRAUN INTERTEC

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Service Engineering Group	Client Ref:	05017-0207	Work Order #:	0506259
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	05500	Account ID:	CVXX-96-003

Qualifiers and Abbreviations

ir	The recovery study yielded results of <75%. Per the NIOSH Manual of Analytical Methods, the result is considered semi-quantitative.
io	The result was corrected for method blank concentrations.
ia	The back section of the sample tube contained greater than 10 percent of the amount collected on the front section. This indicates possible analyte breakthrough (loss) during field sampling.
A1	The Laboratory Control Spike Duplicate was outside of laboratory limits. The LCSD recovery was 123%. The results may be biased high.
COC	Chain of Custody
MRL	Method Reporting Limit
ppm	Parts per million in Air
NA	Not Applicable
NR	Not Reported
%Rec	Percent Recovery
RPD	Relative Percent Difference

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SAMPLE SUMMARY

Sample ID	Laboratory ID	Matrix	Air Volume (L) / Time (Min)	Date Sampled	Date Received
60028-10M-(0-2)	0506259-01	Air Tube	300	11/29/05 00:00	11/30/05 15:13
60028-10M-(0-2)	0506259-02	Air Tube	301.2	11/29/05 11:45	11/30/05 15:13
60028-10M-(0-2)	0506259-03	Air	303.6	11/29/05 11:45	11/30/05 15:13
60028-10M-(0-2)	0506259-04	Air Tube	301.2	11/29/05 11:45	11/30/05 15:13
60028-10M-(0-2)	0506259-05	Air Tube	304.8	11/29/05 11:45	11/30/05 15:13
60028-10M-(2-6)	0506259-06	Air Tube	600	11/29/05 15:50	11/30/05 15:13
60028-10M-(2-6)	0506259-07	Air Tube	602.4	11/29/05 15:50	11/30/05 15:13
60028-10M-(2-6)	0506259-08	Air	607.2	11/29/05 15:50	11/30/05 15:13
60028-10M-(2-6)	0506259-09	Air Tube	602.4	11/29/05 15:50	11/30/05 15:13
60028-10M-(2-6)	0506259-10	Air Tube	609.6	11/29/05 15:50	11/30/05 15:13
60028-10M-(6-22)	0506259-11	Air Tube	2400	11/30/05 07:45	11/30/05 15:13
60028-10M-(6-22)	0506259-12	Air Tube	2410	11/30/05 07:45	11/30/05 15:13
60028-10M-(6-22)	0506259-13	Air	2429	11/30/05 07:45	11/30/05 15:13
60028-10M-(6-22)	0506259-14	Air Tube	2410	11/30/05 07:45	11/30/05 15:13
60028-10M-(6-22)	0506259-15	Air Tube	2438	11/30/05 07:45	11/30/05 15:13

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St. Paul MN, 55114-1312	PO Number:	05500	Account ID:	CVXX-96-003

60028-10M-(0-2)

0506259-01 (Air Tube)

11/29/05 0:00

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
1,2,3-Trichlorobenzene	< 11.7	11.7	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
1,2,4-Trichlorobenzene	< 11.3	11.3	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
1,3,5-Trichlorobenzene	< 11.7	11.7	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
1,4-Dichlorobenzene	< 11.6	11.6	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
1,1,1-Trichloroethane	< 9.71	9.71	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
2-Ethoxyethyl Acetate	< 12.3	12.3	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Acetone	< 11.0	11.0	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Benzene	**7.83**	4.95	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Chlorobenzene	< 10.2	10.2	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Chloroform	**21.4**	10.2	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Ethanol	< 14.3	14.3	ug/m³	1	12/6/05	12/7/05	IHVOCS1	ir
Ethyl Acetate	< 10.2	10.2	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Ethyl Benzene	< 9.80	9.80	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Isobutanol	< 11.5	11.5	ug/m³	1	12/6/05	12/7/05	IHVOCS1	ir
Isopropanol	**23.5**	12.8	ug/m³	1	12/6/05	12/7/05	IHVOCS1	ir
Methyl Ethyl Ketone	< 11.2	11.2	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Methyl Isobutyl Ketone	< 10.2	10.2	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Methylene Chloride	< 9.80	9.80	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
n-Butyl Acetate	< 10.1	10.1	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
n-Hexane	< 9.71	9.71	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Stoddard Solvent	**166**	49.5	ug/m³	1	12/6/05	12/7/05	IHVOCS1	io
Styrene	< 13.0	13.0	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Tetrachloroethene	< 9.90	9.90	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Tetrahydrofuran	< 10.8	10.8	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Toluene	**19.8**	10.1	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
TPH as Gasoline	**185**	51.0	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Trichloroethene	< 10.0	10.0	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
VM&P Naphtha	< 48.1	48.1	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Xylenes, Total	< 10.0	10.0	ug/m³	1	12/6/05	12/7/05	IHVOCS1	

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St. Paul MN, 55114-1312	PO Number:	05500	Account ID:	CVXX-96-003

60028-10M-(0-2)

0506259-02 (Air Tube)

11/29/05 11:45

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Acenaphthene	< 3.67	3.67	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Acenaphthylene	< 3.38	3.38	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Anthracene	< 3.66	3.66	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Benz(a)anthracene	< 3.96	3.96	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Benzo(a)pyrene	< 4.19	4.19	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Benzo(b)fluoranthene	< 4.14	4.14	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Benzo(g,h,i)perylene	< 5.12	5.12	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Benzo(k)fluoranthene	< 4.19	4.19	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Chrysene	< 3.98	3.98	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Dibenz(a,h)anthracene	< 4.27	4.27	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Fluoranthene	< 3.79	3.79	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Fluorene	< 3.60	3.60	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Indeno(1,2,3-cd)pyrene	< 4.50	4.50	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Naphthalene	< 3.68	3.68	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Phenanthrene	< 3.68	3.68	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Pyrene	< 3.85	3.85	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	

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St. Paul MN, 55114-1312	PO Number:	05500	Account ID:	CVXX-96-003

60028-10M-(0-2)

0506259-03 (Air)

11/29/05 11:45

Metals

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Mercury	< 0.066	0.066	ug/m³	1	12/6/05	12/6/05	OSHA ID-145	

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60028-10M-(0-2)

0506259-04 (Air Tube)

11/29/05 11:45

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Hexachlorobenzene	< 3.65	3.65	ug/m³	1	12/12/05	12/13/05	IHVOCS	A1

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60028-10M-(0-2)

0506259-05 (Air Tube)

11/29/05 11:45

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Phenol	< 12.8	12.8	ug/m³	1	12/8/05	12/8/05	NIOSH 2546	

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St. Paul MN, 55114-1312	PO Number:	05500	Account ID:	CVXX-96-003

60028-10M-(2-6)

0506259-06 (Air Tube)

11/29/05 15:50

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
1,2,3-Trichlorobenzene	< 5.87	5.87	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
1,2,4-Trichlorobenzene	< 5.63	5.63	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
1,3,5-Trichlorobenzene	< 5.83	5.83	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
1,4-Dichlorobenzene	< 5.79	5.79	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
1,1,1-Trichloroethane	< 4.85	4.85	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
2-Ethoxyethyl Acetate	< 6.17	6.17	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Acetone	**12.8**	5.49	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Benzene	**11.9**	2.48	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Chlorobenzene	< 5.10	5.10	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Chloroform	**24.5**	5.10	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Ethanol	**16.4**	7.14	ug/m³	1	12/6/05	12/7/05	IHVOCS1	ia, ir
Ethyl Acetate	< 5.10	5.10	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Ethyl Benzene	**5.92**	4.90	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Isobutanol	< 5.75	5.75	ug/m³	1	12/6/05	12/7/05	IHVOCS1	ir
Isopropanol	**25.3**	6.41	ug/m³	1	12/6/05	12/7/05	IHVOCS1	ia, ir
Methyl Ethyl Ketone	**8.71**	5.62	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Methyl Isobutyl Ketone	< 5.10	5.10	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Methylene Chloride	< 4.90	4.90	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
n-Butyl Acetate	< 5.05	5.05	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
n-Hexane	**10.0**	4.85	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Stoddard Solvent	**148**	24.8	ug/m³	1	12/6/05	12/7/05	IHVOCS1	io
Styrene	< 6.49	6.49	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Tetrachloroethene	< 4.95	4.95	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Tetrahydrofuran	**7.26**	5.41	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Toluene	**29.6**	5.05	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
TPH as Gasoline	**325**	25.5	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Trichloroethene	< 5.00	5.00	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
VM&P Naphtha	< 24.0	24.0	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Xylenes, Total	**28.6**	5.00	ug/m³	1	12/6/05	12/7/05	IHVOCS1	

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60028-10M-(2-6)

0506259-07 (Air Tube)

11/29/05 15:50

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Acenaphthene	< 1.83	1.83	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Acenaphthylene	< 1.69	1.69	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Anthracene	< 1.83	1.83	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Benz(a)anthracene	< 1.98	1.98	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Benzo(a)pyrene	< 2.09	2.09	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Benzo(b)fluoranthene	< 2.07	2.07	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Benzo(g,h,i)perylene	< 2.56	2.56	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Benzo(k)fluoranthene	< 2.10	2.10	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Chrysene	< 1.99	1.99	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Dibenz(a,h)anthracene	< 2.13	2.13	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Fluoranthene	< 1.89	1.89	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Fluorene	< 1.80	1.80	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Indeno(1,2,3-cd)pyrene	< 2.25	2.25	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Naphthalene	**2.54**	1.84	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Phenanthrene	< 1.84	1.84	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Pyrene	< 1.92	1.92	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	

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60028-10M-(2-6)

0506259-08 (Air)

11/29/05 15:50

Metals

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Mercury	< 0.033	0.033	ug/m³	1	12/6/05	12/6/05	OSHA ID-145	

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60028-10M-(2-6)

0506259-09 (Air Tube)

11/29/05 15:50

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Hexachlorobenzene	< 1.82	1.82	ug/m³	1	12/12/05	12/13/05	IHVOCS	A1

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60028-10M-(2-6)

0506259-10 (Air Tube)

11/29/05 15:50

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Phenol	< 6.41	6.41	ug/m³	1	12/8/05	12/8/05	NIOSH 2546	

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60028-10M-(6-22)

0506259-11 (Air Tube)

11/30/05 7:45

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
1,2,3-Trichlorobenzene	< 1.47	1.47	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
1,2,4-Trichlorobenzene	< 1.41	1.41	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
1,3,5-Trichlorobenzene	< 1.46	1.46	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
1,4-Dichlorobenzene	< 1.45	1.45	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
1,1,1-Trichloroethane	< 1.21	1.21	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
2-Ethoxyethyl Acetate	< 1.54	1.54	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Acetone	**4.20**	1.37	ug/m³	1	12/6/05	12/7/05	IHVOCS1	ia
Benzene	**4.99**	0.619	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Chlorobenzene	< 1.28	1.28	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Chloroform	**7.90**	1.28	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Ethanol	< 1.79	1.79	ug/m³	1	12/6/05	12/7/05	IHVOCS1	ir
Ethyl Acetate	< 1.28	1.28	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Ethyl Benzene	**3.46**	1.23	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Isobutanol	< 1.44	1.44	ug/m³	1	12/6/05	12/7/05	IHVOCS1	ir
Isopropanol	**8.25**	1.60	ug/m³	1	12/6/05	12/7/05	IHVOCS1	ia, ir
Methyl Ethyl Ketone	**5.74**	1.40	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Methyl Isobutyl Ketone	< 1.28	1.28	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Methylene Chloride	**2.92**	1.23	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
n-Butyl Acetate	< 1.26	1.26	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
n-Hexane	**7.41**	1.21	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Stoddard Solvent	**103**	6.19	ug/m³	1	12/6/05	12/7/05	IHVOCS1	io
Styrene	< 1.62	1.62	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Tetrachloroethene	< 1.24	1.24	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Tetrahydrofuran	**5.46**	1.35	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Toluene	**17.4**	1.26	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
TPH as Gasoline	**255**	6.38	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Trichloroethene	**2.93**	1.25	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
VM&P Naphtha	< 6.01	6.01	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Xylenes, Total	**17.5**	1.25	ug/m³	1	12/6/05	12/7/05	IHVOCS1	

BRAUN INTERTEC

11001 Hampshire Ave. S.
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952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:	05017-0207	Work Order #:	0506259
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	05500	Account ID:	CVXX-96-003

60028-10M-(6-22)

0506259-12 (Air Tube)

11/30/05 7:45

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Acenaphthene	< 0.458	0.458	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Acenaphthylene	< 0.423	0.423	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Anthracene	< 0.457	0.457	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Benz(a)anthracene	< 0.495	0.495	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Benzo(a)pyrene	< 0.523	0.523	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Benzo(b)fluoranthene	< 0.517	0.517	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Benzo(g,h,i)perylene	< 0.639	0.639	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Benzo(k)fluoranthene	< 0.524	0.524	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Chrysene	< 0.497	0.497	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Dibenz(a,h)anthracene	< 0.533	0.533	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Fluoranthene	< 0.473	0.473	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Fluorene	< 0.450	0.450	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Indeno(1,2,3-cd)pyrene	< 0.562	0.562	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Naphthalene	**1.44**	0.460	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	ia
Phenanthrene	< 0.460	0.460	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	
Pyrene	< 0.481	0.481	ug/m³	1	12/6/05	12/7/05	NIOSH 5506	

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Service Engineering Group	Client Ref:	05017-0207	Work Order #:	0506259
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	05500	Account ID:	CVXX-96-003

60028-10M-(6-22)

0506259-13 (Air)

11/30/05 7:45

Metals

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Mercury	< 0.0082	0.0082	ug/m³	1	12/6/05	12/6/05	OSHA ID-145	

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Service Engineering Group	Client Ref:	05017-0207	Work Order #:	0506259
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	05500	Account ID:	CVXX-96-003

60028-10M-(6-22)

0506259-14 (Air Tube)

11/30/05 7:45

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Hexachlorobenzene	< 0.456	0.456	ug/m³	1	12/12/05	12/13/05	IHVOCS	A1

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Service Engineering Group	Client Ref:	05017-0207	Work Order #:	0506259
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	05500	Account ID:	CVXX-96-003

60028-10M-(6-22)

0506259-15 (Air Tube)

11/30/05 7:45

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Phenol	< 1.60	1.60	ug/m³	1	12/8/05	12/8/05	NIOSH 2546	

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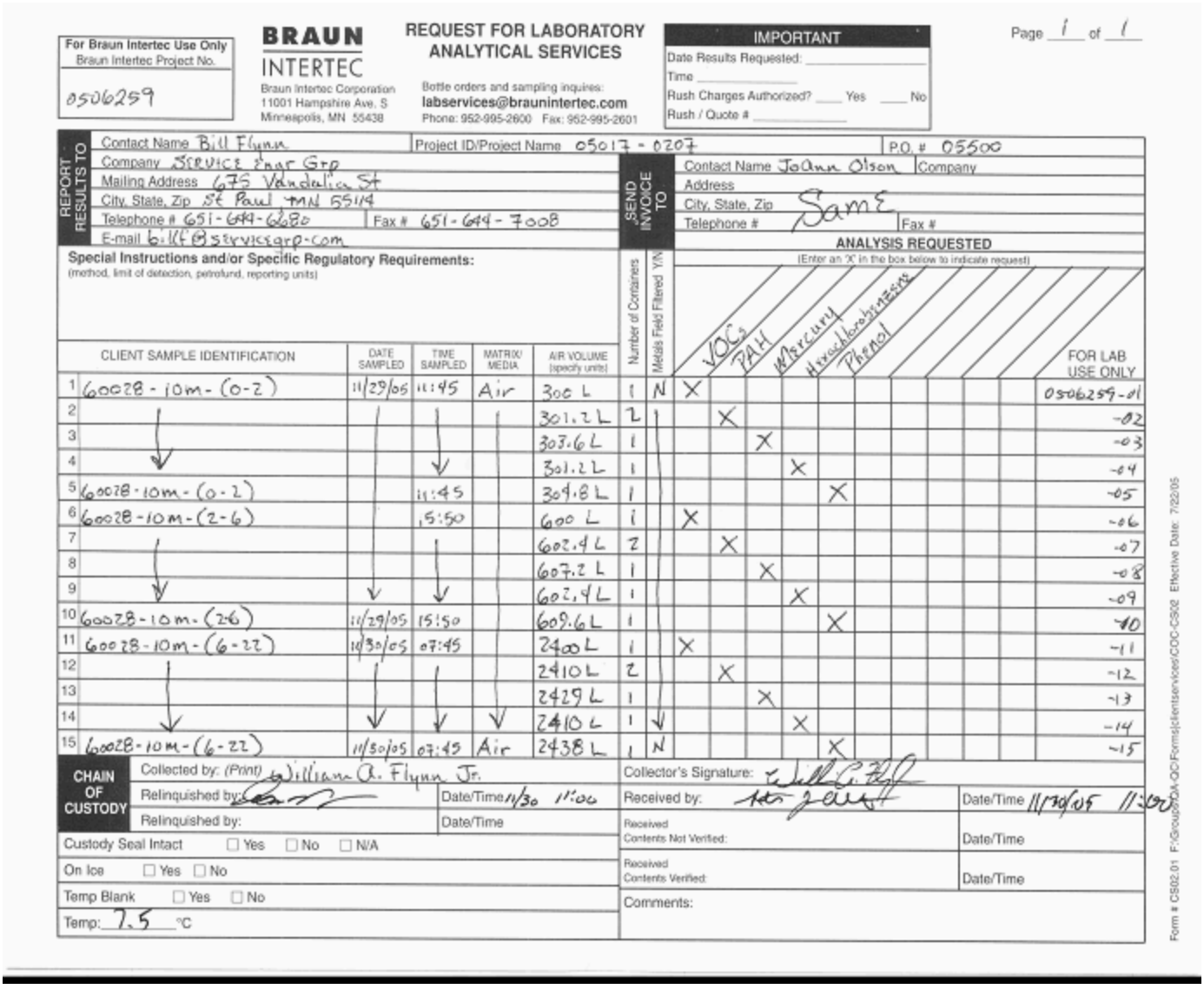
Service Engineering Group	Client Ref: 05017-0207	Work Order #: 0506259
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number: 05500	Account ID: CVXX-96-003



BRAUN INTERTEC
Braun Intertec Corporation
11001 Hampshire Ave. S
Minneapolis, MN 55438
Bottle orders and sampling inquires:
labservices@braunintertec.com
Phone: 952-995-2600 Fax: 952-995-2601

REQUEST FOR LABORATORY ANALYTICAL SERVICES

For Braun Intertec Use Only
Braun Intertec Project No.
0506259

IMPORTANT
Date Results Requested:
Time
Rush Charges Authorized? ___ Yes ___ No
Rush / Quote #

Page 1 of 1

REPORT RESULTS TO
Contact Name Bill Flynn
Company Service Engr Grp
Mailing Address 675 Vandalia St
City, State, Zip St Paul MN 55114
Telephone # 651-644-6680 Fax # 651-644-7008
E-mail b.flynn@servicegrp.com

Project ID/Project Name 05017-0207
P.O. # 05500

SEND INVOICE TO
Contact Name JoAnn Olson Company
Address
City, State, Zip Same
Telephone # Fax #

Special Instructions and/or Specific Regulatory Requirements:
(method, limit of detection, petrofund, reporting units)

ANALYSIS REQUESTED
(Enter an 'X' in the box below to indicate request)

	CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)	Number of Containers	Metals Field Filtered Y/N	VOCs	PAH	Mercury	Hexachlorobenzene	Phenol	FOR LAB USE ONLY
1	60028-10m-(0-2)	11/29/05	11:45	Air	300 L	1	N	X					0506259-01
2	↓	↓	↓	↓	301.2 L	2	↓		X				-02
3					303.6 L	1				X			-03
4	↓		↓		301.2 L	1					X		-04
5	60028-10m-(0-2)		11:45		309.8 L	1						X	-05
6	60028-10m-(2-6)		15:50		600 L	1		X					-06
7	↓		↓		602.4 L	2			X				-07
8					607.2 L	1				X			-08
9	↓	↓	↓		602.4 L	1					X		-09
10	60028-10m-(2-6)	11/29/05	15:50		609.6 L	1						X	-10
11	60028-10m-(6-22)	11/30/05	07:45		2400 L	1		X					-11
12	↓	↓	↓		2410 L	2			X				-12
13					2429 L	1				X			-13
14	↓	↓	↓	↓	2410 L	1	↓				X		-14
15	60028-10m-(6-22)	11/30/05	07:45	Air	2438 L	1	N					X	-15

CHAIN OF CUSTODY
Collected by: (Print) William A. Flynn Jr.
Collector's Signature:
Relinquished by: Date/Time 11/30 11:00
Received by: Date/Time 11/30/05 11:30
Relinquished by: Date/Time
Received Contents Not Verified: Date/Time
Received Contents Verified: Date/Time

Custody Seal Intact ☐ Yes ☐ No ☐ N/A
On Ice ☐ Yes ☐ No
Temp Blank ☐ Yes ☐ No
Temp: 7.5 °C

Comments:

Form # CS02.01 F:\Groups\QA-QC\Forms\clientservices\COC-CS02 Effective Date: 7/22/05

BRAUN INTERTEC

Braun Intertec Corporation
11001 Hampshire Avenue S
Minneapolis, MN 55438

Phone: 952.995.2000
Fax: 952.995.2020
Web: brauninterlec.com

Mr. Bill Flynn
Service Engineering Group
675 Vandalia Street
St. Paul, MN 55114-1312

December 15, 2005

Work Order #: 0506264

RE: 05500

Dear Mr. Bill Flynn

Braun Intertec Corporation received samples for the project identified above on 11/30/05 16:12. Analytical results are summarized in the following report.

All routine quality assurance procedures were followed, unless otherwise noted.

Analytical results are reported on an "as received" basis unless otherwise noted. Where possible, the samples will be retained by the laboratory for 14 days following issuance of the initial final report. The samples will be disposed of or returned at that time. Arrangements can be made for extended storage by contacting me at this time.

We appreciate your decision to use Braun Intertec Corporation for this project. We are committed to being your vendor of choice to meet your analytical chemistry needs.

If you have any questions please contact me at the above phone number.

Sincerely,

Steven J. Albrecht

Steven J. Albrecht
Associate Principal

Certification/Accreditation Numbers

Minnesota Department of Health: 027-053-117 Wisconsin DNR: 999462640 NVLAP: 1021234-0 AIHA: 101103

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:05500	Work Order #: 0506264
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

How to Use this Report

In order to get the most out of the information presented in this report please refer to the following explanations as to how the data in this report is tied together and how some of the terms are defined.

Qualifiers and Abbreviations are defined in the following section. You will find these codes used throughout the report in headers and in note sections to designate a unique fact about the data to which they are associated.

The Case Narrative gives a "story" about the analysis and results. Here you will find greater elaboration on relevant qualifiers as well as an explanation of anything of particular note in the data. This is a discussion of the data in terms of quality control and chemistry. It is a summary of any deviations that could affect the usefulness of the data. This is not an interpretation as to how this information relates to regulatory compliance, toxicity, or hazardous characterization. These items are beyond the scope of this report.

The Sample Summary provides detail on sample receipt. The association between Client sample ID and the Laboratory sample ID are defined here; this information is valuable to have when discussing results with your project manager. Sample collection and receipt dates and times are provided here as well. General notes regarding the work order are also documented here. This is a mini "case narrative" that describes any anomalies regarding the condition of the samples upon arrival to the laboratory or special circumstances regarding the work order.

The Conditions Upon Receipt summarizes the results of specific checks that have been performed at sample receipt. This includes items like custody documentation, sample condition, and temperature at receipt. Each "cooler" is identified and the conditions associated with that cooler are documented. A "cooler" is defined as the larger container used to transport the individual samples. In most cases this is a standard recreational cooler but it can be a box, plastic bag, or other container.

The laboratory results are summarized in the following sections. Data is broken down into major categories for convenience. An example of such a category would be "Total Petroleum Hydrocarbons." Here you would find data that references the testing of such parameters as diesel range organics and gasoline range organics. Other categories are similarly mapped. The batch number is associated with each sample. This is important to evaluate Quality Control (QC) data. Surrogate results samples are provided with each sample. Laboratory control limits are provided for comparison (see below). The reference method is also identified. If a method is denoted with an "M" (e.g. EPA 1234(M)) this means that it has been modified. An explanation of the modification will be found in the Case Narrative. A result is given with appropriate units. If a soil sample is dry-weight corrected then the word "dry" will appear next to the units. If the word "dry" does not appear then the result is "as received."

The Method Reporting Limit (MRL) and Method Detection Limit (MDL) are provided. It is important to understand these terms. The MRL is a level that has been empirically verified to provide reliable quantitation of results. Results that are equal to or greater than this value will show up as bolded. They are considered "hits." The MDL is a statistically derived number that indicates, with high confidence, that an analyte can be detected above noise level. If a result is less than this value it is marked as "ND" for "Non-Detect." If a result is less than the MRL but greater than the MDL then it is considered an estimate. Such a result is reported with a "J" flag denoting that it has been detected but that the result is an estimate. This is consistent with the *CLP Statement of Work* and the *National Functional Guidelines.*

The Quality Control (QC) samples are documented in the following section. Here you will find the preparation batches associated with each sample from the results section. The sample preparation method is also defined here. Accuracy is represented here in terms of a percent recovery as compared to a known value. Precision is represented as a relative percent difference between two duplicate sample aliquots. The laboratory control limits are provided as a means to evaluate the quality control data. If the result falls outside the laboratory control limits this simply means that it is outside what is typical for the laboratory and is noted accordingly. This does not mean that the data is invalid. Laboratory control limits are generally tighter than most program limits. This is a very important distinction. How the data is ultimately used determines its validity. Program requirements are defined in the Quality Assurance Project Plan (QAPP) governing the project. If your project manager is aware of your specific program requirements then a note will be made in the case narrative if the data fails to meet any of these requirements.

The last section contains copies of important documents and/or instrument printouts relavent to the report. This includes the chain of custody. It also may include items like chromatograms or spectra.

Please note that this report is paginated and must be reproduced in its entirety.

BRAUN INTERTEC

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Service Engineering Group	Client Ref:05500	Work Order #: 0506264
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Qualifiers and Abbreviations

J	Detected but below the Method Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
go	The laboratory control sample recovery is outside of laboratory control limits.
COC	Chain of Custody
dry	Sample results reported on a dry weight basis
MDL	Method Detection Limit
MRL	Method Reporting Limit
NA	Not Applicable
ND	Analyte NOT DETECTED
NR	Not Reported
%Rec	Percent Recovery
RPD	Relative Percent Difference
VOC	Volatile Organic Compound

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Service Engineering Group	Client Ref:05500	Work Order #: 0506264
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

SAMPLE SUMMARY

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
60028-IN-DCN	0506264-01	Water	11/29/05 14:40	11/30/05 16:12
Trip Blank	0506264-02	Water	11/29/05 00:00	11/30/05 16:12

The results in this report apply only to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Service Engineering Group	Client Ref:05500	Work Order #: 0506264
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Conditions Upon Receipt

Cooler: Cooler #1

Temperature:	7.5 °C	**Received on Ice:**	No	**Preservation Confirmed:**	Yes
COC Included:	Yes	**Hand Delivered by Sampler:**	No	**Temperature Blank:**	No
Custody Seals Used:	No	**Sufficient Sample Provided:**	Yes	**COC Complete:**	Yes
Custody Seals Intact:	No	**Headspace Present (VOC):**	No	**COC & Labels Agree:**	Yes

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Service Engineering Group	Client Ref:05500	Work Order #: 0506264
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

60028-IN-DCN

0506264-01 (Water)

11/29/05 14:40

Metals

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Mercury	ND	0.20	0.011	ug/L	B5L0064	12/5/05	12/6/05	EPA 7470A	

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,2,4-Trichlorobenzene	ND	5.6	0.37	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
1,2-Dichlorobenzene	ND	5.6	0.30	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
1,2-Diphenylhydrazine	ND	5.6	0.41	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
1,3-Dichlorobenzene	ND	5.6	0.33	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
1,4-Dichlorobenzene	ND	5.6	0.33	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
2,4,5-Trichlorophenol	ND	5.6	0.17	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
2,4,6-Trichlorophenol	ND	5.6	0.25	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
2,4-Dichlorophenol	ND	11	0.31	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
2,4-Dimethylphenol	ND	5.6	0.44	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
2,4-Dinitrophenol	ND	5.6	1.1	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
2,4-Dinitrotoluene	ND	5.6	0.23	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
2,6-Dinitrotoluene	ND	5.6	0.65	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
2-Chloronaphthalene	ND	5.6	0.33	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
2-Chlorophenol	ND	11	0.70	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
2-Methylnaphthalene	ND	5.6	0.44	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
2-Methylphenol	ND	11	2.8	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
2-Nitroaniline	ND	5.6	0.52	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
2-Nitrophenol	ND	11	0.60	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
3,3-Dichlorobenzidine	ND	5.6	0.60	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
3-/4-Methylphenol	ND	11	0.31	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
3-Nitroaniline	ND	5.6	0.74	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
4,6-Dinitro-2-methylphenol	ND	5.6	0.78	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
4-Bromophenyl phenyl ether	ND	5.6	0.27	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
4-Chloro-3-methylphenol	ND	5.6	0.26	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
4-Chloroaniline	ND	5.6	0.66	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	

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Bloomington, MN 55438
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Service Engineering Group	Client Ref:05500	Work Order #: 0506264
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

60028-IN-DCN

0506264-01 (Water)

11/29/05 14:40

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
4-Chlorophenyl phenyl ether	ND	2.2	0.28	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
4-Nitroaniline	ND	5.6	0.38	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
4-Nitrophenol	ND	5.6	0.91	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Acenaphthene	ND	2.2	0.29	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Acenaphthylene	ND	2.2	0.21	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Aniline	ND	5.6	0.98	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Anthracene	ND	2.2	0.23	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Benz(a)anthracene	ND	2.2	0.79	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Benzo(a)pyrene	ND	2.2	0.86	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Benzo(b)fluoranthene	ND	2.2	0.47	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Benzo(g,h,i)perylene	ND	2.2	0.75	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Benzo(k)fluoranthene	ND	2.2	0.83	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Benzyl alcohol	ND	11	0.36	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
bis(2-Chloroethoxy)methane	ND	5.6	0.37	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Bis(2-Chloroethyl)ether	ND	5.6	0.46	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Bis(2-chloroisopropyl)ether	ND	5.6	0.36	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Bis(2-Ethylhexyl)phthalate	ND	5.6	1.7	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Butyl benzyl phthalate	ND	5.6	0.34	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Carbazole	ND	5.6	0.38	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Chrysene	ND	2.2	0.78	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Dibenz(a,h)anthracene	ND	2.2	0.87	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Dibenzofuran	ND	5.6	0.30	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Diethylphthalate	ND	5.6	0.34	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Dimethyl phthalate	ND	5.6	0.24	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Di-n-butyl phthalate	ND	5.6	0.52	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Di-n-octyl phthalate	ND	5.6	0.88	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Fluoranthene	ND	2.2	0.29	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Fluorene	ND	2.2	0.51	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	

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11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
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Service Engineering Group	Client Ref:05500	Work Order #: 0506264
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

60028-IN-DCN

0506264-01 (Water)

11/29/05 14:40

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Hexachlorobenzene	ND	5.6	0.27	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Hexachlorobutadiene	ND	5.6	0.35	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Hexachlorocyclopentadiene	ND	5.6	0.31	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Hexachloroethane	ND	5.6	0.39	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Indeno(1,2,3-cd)pyrene	ND	2.2	0.86	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Isophorone	ND	5.6	0.23	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Naphthalene	ND	5.6	0.35	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Nitrobenzene	ND	5.6	0.30	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
N-Nitrosodimethylamine	ND	5.6	0.29	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
N-Nitrosodi-n-propylamine	ND	5.6	0.35	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
N-Nitrosodiphenylamine	ND	5.6	0.34	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Pentachlorophenol	ND	5.6	0.61	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Phenanthrene	ND	2.2	0.23	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Phenol	ND	11	2.3	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Pyrene	ND	2.2	0.56	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Pyridine	ND	11	2.7	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Surrogate: 2,4,6-Tribromophenol	*92.3 %*	*Limits: 65-100%*			*B5L0031*	*12/2/05*	*12/7/05*	*EPA 8270C*	
Surrogate: 2-Fluorobiphenyl	*82.4 %*	*Limits: 59-101%*			*B5L0031*	*12/2/05*	*12/7/05*	*EPA 8270C*	
Surrogate: 2-Fluorophenol	*56.3 %*	*Limits: 30-75%*			*B5L0031*	*12/2/05*	*12/7/05*	*EPA 8270C*	
Surrogate: Nitrobenzene-d5	*66.5 %*	*Limits: 57-101%*			*B5L0031*	*12/2/05*	*12/7/05*	*EPA 8270C*	
Surrogate: Phenol-d6	*48.2 %*	*Limits: 30-75%*			*B5L0031*	*12/2/05*	*12/7/05*	*EPA 8270C*	
Surrogate: Terphenyl-d14	*89.6 %*	*Limits: 65-100%*			*B5L0031*	*12/2/05*	*12/7/05*	*EPA 8270C*	

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
1,1,1-Trichloroethane	ND	1.0	0.050	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	

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Bloomington, MN 55438
952-995-2000 Phone
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Service Engineering Group	Client Ref:05500	Work Order #: 0506264
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

60028-IN-DCN

0506264-01 (Water)

11/29/05 14:40

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
1,1,2-Trichlorotrifluoroethane	ND	1.0	0.12	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
1,1-Dichloroethane	ND	1.0	0.053	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
1,1-Dichloroethene	ND	1.0	0.085	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
1,1-Dichloropropene	ND	1.0	0.073	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
1,2,3-Trichlorobenzene	ND	1.0	0.11	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
1,2,3-Trichloropropane	ND	1.0	0.30	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
1,2,4-Trichlorobenzene	ND	1.0	0.14	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
1,2,4-Trimethylbenzene	ND	1.0	0.071	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
1,2-Dibromo-3-chloropropane	ND	1.0	0.41	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
1,2-Dibromoethane	ND	1.0	0.064	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
1,2-Dichlorobenzene	ND	1.0	0.12	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
1,2-Dichloroethane	ND	1.0	0.053	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
1,2-Dichloropropane	ND	1.0	0.050	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
1,3,5-Trimethylbenzene	ND	1.0	0.097	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
1,3-Dichlorobenzene	ND	1.0	0.083	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
1,3-Dichloropropane	ND	1.0	0.13	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
1,4-Dichlorobenzene	ND	1.0	0.12	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
2,2-Dichloropropane	ND	1.0	0.10	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
2-Butanone (MEK)	ND	10	1.3	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
2-Chlorotoluene	ND	1.0	0.20	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
4-Chlorotoluene	ND	1.0	0.13	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
4-Isopropyltoluene	ND	1.0	0.058	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
Acetone	ND	20	1.5	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	go
Allyl Chloride	ND	1.0	0.26	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
Benzene	ND	1.0	0.045	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
Bromobenzene	ND	1.0	0.15	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506264
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

60028-IN-DCN

0506264-01 (Water)

11/29/05 14:40

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Bromochloromethane	ND	1.0	0.21	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
Bromodichloromethane	**4.7**	1.0	0.11	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
Bromoform	ND	5.0	0.13	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
Bromomethane	ND	1.0	0.14	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
Carbon Tetrachloride	ND	1.0	0.057	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
Chlorobenzene	ND	1.0	0.042	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
Chlorodibromomethane	ND	1.0	0.028	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	go
Chloroethane	ND	1.0	0.11	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
Chloroform	**16**	1.0	0.12	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
Chloromethane	**1.0**	1.0	0.20	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.0	0.10	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.0	0.041	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
Dibromomethane	ND	1.0	0.20	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
Dichlorodifluoromethane	ND	1.0	0.13	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	go
Dichlorofluoromethane	ND	1.0	0.10	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
Ethyl Ether	ND	1.0	0.31	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
Ethylbenzene	ND	1.0	0.10	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
Hexachlorobutadiene	ND	2.0	0.24	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
Isopropylbenzene	ND	1.0	0.064	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
m,p-Xylenes	ND	1.0	0.13	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
Methyl Isobutyl Ketone	ND	5.0	0.42	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
Methylene chloride	ND	5.0	0.63	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
Methyl-t-butyl ether	ND	1.0	0.12	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
Naphthalene	ND	1.0	0.10	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
n-Butylbenzene	ND	1.0	0.12	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
n-Propylbenzene	ND	1.0	0.10	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
o-Xylene	ND	1.0	0.14	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
sec-Butylbenzene	ND	1.0	0.042	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
Styrene	ND	1.0	0.047	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506264
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

60028-IN-DCN

0506264-01 (Water)

11/29/05 14:40

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
tert-Butylbenzene	ND	1.0	0.10	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
Tetrachloroethene	ND	2.0	0.19	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
Tetrahydrofuran	ND	5.0	1.2	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	go
Toluene	ND	1.0	0.17	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
trans-1,2-Dichloroethene	ND	1.0	0.14	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.0	0.12	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
Trichloroethene	ND	1.0	0.073	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
Trichlorofluoromethane	ND	1.0	0.19	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
Vinyl chloride	ND	1.0	0.25	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4	*92.4 %*	*Limits: 82-128%*			*B5L0098*	*12/5/05*	*12/7/05*	*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene	*111 %*	*Limits: 76-119%*			*B5L0098*	*12/5/05*	*12/7/05*	*EPA 8260B*	
Surrogate: Dibromofluoromethane	*103 %*	*Limits: 79-127%*			*B5L0098*	*12/5/05*	*12/7/05*	*EPA 8260B*	
Surrogate: Toluene-d8	*104 %*	*Limits: 82-116%*			*B5L0098*	*12/5/05*	*12/7/05*	*EPA 8260B*	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506264
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Trip Blank

0506264-02 (Water)

11/29/05 0:00

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	ug/L	B5L0098	12/5/05	12/6/05	EPA 8260B	
1,1,1-Trichloroethane	ND	1.0	0.050	ug/L	B5L0098	12/5/05	12/6/05	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/L	B5L0098	12/5/05	12/6/05	EPA 8260B	
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	B5L0098	12/5/05	12/6/05	EPA 8260B	
1,1,2-Trichlorotrifluoroethane	ND	1.0	0.12	ug/L	B5L0098	12/5/05	12/6/05	EPA 8260B	
1,1-Dichloroethane	ND	1.0	0.053	ug/L	B5L0098	12/5/05	12/6/05	EPA 8260B	
1,1-Dichloroethene	ND	1.0	0.085	ug/L	B5L0098	12/5/05	12/6/05	EPA 8260B	
1,1-Dichloropropene	ND	1.0	0.073	ug/L	B5L0098	12/5/05	12/6/05	EPA 8260B	
1,2,3-Trichlorobenzene	ND	1.0	0.11	ug/L	B5L0098	12/5/05	12/6/05	EPA 8260B	
1,2,3-Trichloropropane	ND	1.0	0.30	ug/L	B5L0098	12/5/05	12/6/05	EPA 8260B	
1,2,4-Trichlorobenzene	ND	1.0	0.14	ug/L	B5L0098	12/5/05	12/6/05	EPA 8260B	
1,2,4-Trimethylbenzene	ND	1.0	0.071	ug/L	B5L0098	12/5/05	12/6/05	EPA 8260B	
1,2-Dibromo-3-chloropropane	ND	1.0	0.41	ug/L	B5L0098	12/5/05	12/6/05	EPA 8260B	
1,2-Dibromoethane	ND	1.0	0.064	ug/L	B5L0098	12/5/05	12/6/05	EPA 8260B	
1,2-Dichlorobenzene	ND	1.0	0.12	ug/L	B5L0098	12/5/05	12/6/05	EPA 8260B	
1,2-Dichloroethane	ND	1.0	0.053	ug/L	B5L0098	12/5/05	12/6/05	EPA 8260B	
1,2-Dichloropropane	ND	1.0	0.050	ug/L	B5L0098	12/5/05	12/6/05	EPA 8260B	
1,3,5-Trimethylbenzene	ND	1.0	0.097	ug/L	B5L0098	12/5/05	12/6/05	EPA 8260B	
1,3-Dichlorobenzene	ND	1.0	0.083	ug/L	B5L0098	12/5/05	12/6/05	EPA 8260B	
1,3-Dichloropropane	ND	1.0	0.13	ug/L	B5L0098	12/5/05	12/6/05	EPA 8260B	
1,4-Dichlorobenzene	ND	1.0	0.12	ug/L	B5L0098	12/5/05	12/6/05	EPA 8260B	
2,2-Dichloropropane	ND	1.0	0.10	ug/L	B5L0098	12/5/05	12/6/05	EPA 8260B	
2-Butanone (MEK)	ND	10	1.3	ug/L	B5L0098	12/5/05	12/6/05	EPA 8260B	
2-Chlorotoluene	ND	1.0	0.20	ug/L	B5L0098	12/5/05	12/6/05	EPA 8260B	
4-Chlorotoluene	ND	1.0	0.13	ug/L	B5L0098	12/5/05	12/6/05	EPA 8260B	
4-Isopropyltoluene	ND	1.0	0.058	ug/L	B5L0098	12/5/05	12/6/05	EPA 8260B	
Acetone	ND	20	1.5	ug/L	B5L0098	12/5/05	12/6/05	EPA 8260B	go
Allyl Chloride	ND	1.0	0.26	ug/L	B5L0098	12/5/05	12/6/05	EPA 8260B	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506264
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Trip Blank

0506264-02 (Water)

11/29/05 0:00

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	0.045	ug/L	B5L0098	12/5/05	12/6/05	EPA 8260B	
Bromobenzene	ND	1.0	0.15	ug/L	B5L0098	12/5/05	12/6/05	EPA 8260B	
Bromochloromethane	ND	1.0	0.21	ug/L	B5L0098	12/5/05	12/6/05	EPA 8260B	
Bromodichloromethane	ND	1.0	0.11	ug/L	B5L0098	12/5/05	12/6/05	EPA 8260B	
Bromoform	ND	5.0	0.13	ug/L	B5L0098	12/5/05	12/6/05	EPA 8260B	
Bromomethane	ND	1.0	0.14	ug/L	B5L0098	12/5/05	12/6/05	EPA 8260B	
Carbon Tetrachloride	ND	1.0	0.057	ug/L	B5L0098	12/5/05	12/6/05	EPA 8260B	
Chlorobenzene	ND	1.0	0.042	ug/L	B5L0098	12/5/05	12/6/05	EPA 8260B	
Chlorodibromomethane	ND	1.0	0.028	ug/L	B5L0098	12/5/05	12/6/05	EPA 8260B	go
Chloroethane	ND	1.0	0.11	ug/L	B5L0098	12/5/05	12/6/05	EPA 8260B	
Chloroform	ND	1.0	0.12	ug/L	B5L0098	12/5/05	12/6/05	EPA 8260B	
Chloromethane	ND	1.0	0.20	ug/L	B5L0098	12/5/05	12/6/05	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.0	0.10	ug/L	B5L0098	12/5/05	12/6/05	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.0	0.041	ug/L	B5L0098	12/5/05	12/6/05	EPA 8260B	
Dibromomethane	ND	1.0	0.20	ug/L	B5L0098	12/5/05	12/6/05	EPA 8260B	
Dichlorodifluoromethane	ND	1.0	0.13	ug/L	B5L0098	12/5/05	12/6/05	EPA 8260B	go
Dichlorofluoromethane	ND	1.0	0.10	ug/L	B5L0098	12/5/05	12/6/05	EPA 8260B	
Ethyl Ether	ND	1.0	0.31	ug/L	B5L0098	12/5/05	12/6/05	EPA 8260B	
Ethylbenzene	ND	1.0	0.10	ug/L	B5L0098	12/5/05	12/6/05	EPA 8260B	
Hexachlorobutadiene	ND	2.0	0.24	ug/L	B5L0098	12/5/05	12/6/05	EPA 8260B	
Isopropylbenzene	ND	1.0	0.064	ug/L	B5L0098	12/5/05	12/6/05	EPA 8260B	
m,p-Xylenes	ND	1.0	0.13	ug/L	B5L0098	12/5/05	12/6/05	EPA 8260B	
Methyl Isobutyl Ketone	ND	5.0	0.42	ug/L	B5L0098	12/5/05	12/6/05	EPA 8260B	
Methylene chloride	ND	5.0	0.63	ug/L	B5L0098	12/5/05	12/6/05	EPA 8260B	
Methyl-t-butyl ether	ND	1.0	0.12	ug/L	B5L0098	12/5/05	12/6/05	EPA 8260B	
Naphthalene	ND	1.0	0.10	ug/L	B5L0098	12/5/05	12/6/05	EPA 8260B	
n-Butylbenzene	ND	1.0	0.12	ug/L	B5L0098	12/5/05	12/6/05	EPA 8260B	
n-Propylbenzene	ND	1.0	0.10	ug/L	B5L0098	12/5/05	12/6/05	EPA 8260B	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506264
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Trip Blank

0506264-02 (Water)

11/29/05 0:00

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
o-Xylene	ND	1.0	0.14	ug/L	B5L0098	12/5/05	12/6/05	EPA 8260B	
sec-Butylbenzene	ND	1.0	0.042	ug/L	B5L0098	12/5/05	12/6/05	EPA 8260B	
Styrene	ND	1.0	0.047	ug/L	B5L0098	12/5/05	12/6/05	EPA 8260B	
tert-Butylbenzene	ND	1.0	0.10	ug/L	B5L0098	12/5/05	12/6/05	EPA 8260B	
Tetrachloroethene	ND	2.0	0.19	ug/L	B5L0098	12/5/05	12/6/05	EPA 8260B	
Tetrahydrofuran	ND	5.0	1.2	ug/L	B5L0098	12/5/05	12/6/05	EPA 8260B	go
Toluene	ND	1.0	0.17	ug/L	B5L0098	12/5/05	12/6/05	EPA 8260B	
trans-1,2-Dichloroethene	ND	1.0	0.14	ug/L	B5L0098	12/5/05	12/6/05	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.0	0.12	ug/L	B5L0098	12/5/05	12/6/05	EPA 8260B	
Trichloroethene	ND	1.0	0.073	ug/L	B5L0098	12/5/05	12/6/05	EPA 8260B	
Trichlorofluoromethane	ND	1.0	0.19	ug/L	B5L0098	12/5/05	12/6/05	EPA 8260B	
Vinyl chloride	ND	1.0	0.25	ug/L	B5L0098	12/5/05	12/6/05	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4	*92.4 %*	*Limits: 82-128%*			*B5L0098*	*12/5/05*	*12/6/05*	*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene	*112 %*	*Limits: 76-119%*			*B5L0098*	*12/5/05*	*12/6/05*	*EPA 8260B*	
Surrogate: Dibromofluoromethane	*104 %*	*Limits: 79-127%*			*B5L0098*	*12/5/05*	*12/6/05*	*EPA 8260B*	
Surrogate: Toluene-d8	*105 %*	*Limits: 82-116%*			*B5L0098*	*12/5/05*	*12/6/05*	*EPA 8260B*	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506264
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Metals - Quality Control

Batch B5L0064 - EPA 7470A

Method Blank (B5L0064-BLK1) Prepared: 12/05/05 Analyzed: 12/06/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.181 J	0.20	0.011	ug/L	NA	NA	NA	NA	NA	NA	

Method Blank (B5L0064-BLK2) Prepared & Analyzed: 12/06/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	ND	0.20	0.011	ug/L	NA	NA	NA	NA	NA	NA	

Laboratory Control Sample (B5L0064-BS1) Prepared: 12/05/05 Analyzed: 12/06/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	2.57	0.20	0.011	ug/L	2.50	NA	103	85-115	NA	NA	

Laboratory Control Sample Duplicate (B5L0064-BSD1) Prepared: 12/05/05 Analyzed: 12/06/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	2.60	0.20	0.011	ug/L	2.50	NA	104	85-115	1.16	20	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506264
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5L0031 - EPA 3510C

Method Blank (B5L0031-BLK1) Prepared: 12/02/05 Analyzed: 12/07/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	ND	5.0	0.33	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	ND	5.0	0.27	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Diphenylhydrazine	ND	5.0	0.37	ug/L	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	ND	5.0	0.30	ug/L	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	ND	5.0	0.29	ug/L	NA	NA	NA	NA	NA	NA	
2,4,5-Trichlorophenol	ND	5.0	0.15	ug/L	NA	NA	NA	NA	NA	NA	
2,4,6-Trichlorophenol	ND	5.0	0.23	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dichlorophenol	ND	10	0.28	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dimethylphenol	ND	5.0	0.40	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dinitrophenol	ND	5.0	0.96	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dinitrotoluene	ND	5.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
2,6-Dinitrotoluene	ND	5.0	0.58	ug/L	NA	NA	NA	NA	NA	NA	
2-Chloronaphthalene	ND	5.0	0.30	ug/L	NA	NA	NA	NA	NA	NA	
2-Chlorophenol	ND	10	0.63	ug/L	NA	NA	NA	NA	NA	NA	
2-Methylnaphthalene	ND	5.0	0.39	ug/L	NA	NA	NA	NA	NA	NA	
2-Methylphenol	ND	10	2.5	ug/L	NA	NA	NA	NA	NA	NA	
2-Nitroaniline	ND	5.0	0.46	ug/L	NA	NA	NA	NA	NA	NA	
2-Nitrophenol	ND	10	0.54	ug/L	NA	NA	NA	NA	NA	NA	
3,3-Dichlorobenzidine	ND	5.0	0.54	ug/L	NA	NA	NA	NA	NA	NA	
3-/4-Methylphenol	ND	10	0.28	ug/L	NA	NA	NA	NA	NA	NA	
3-Nitroaniline	ND	5.0	0.66	ug/L	NA	NA	NA	NA	NA	NA	
4,6-Dinitro-2-methylphenol	ND	5.0	0.70	ug/L	NA	NA	NA	NA	NA	NA	
4-Bromophenyl phenyl ether	ND	5.0	0.24	ug/L	NA	NA	NA	NA	NA	NA	
4-Chloro-3-methylphenol	ND	5.0	0.23	ug/L	NA	NA	NA	NA	NA	NA	
4-Chloroaniline	ND	5.0	0.59	ug/L	NA	NA	NA	NA	NA	NA	
4-Chlorophenyl phenyl ether	ND	2.0	0.25	ug/L	NA	NA	NA	NA	NA	NA	
4-Nitroaniline	ND	5.0	0.34	ug/L	NA	NA	NA	NA	NA	NA	
4-Nitrophenol	ND	5.0	0.82	ug/L	NA	NA	NA	NA	NA	NA	
Acenaphthene	ND	2.0	0.26	ug/L	NA	NA	NA	NA	NA	NA	
Acenaphthylene	ND	2.0	0.19	ug/L	NA	NA	NA	NA	NA	NA	
Aniline	ND	5.0	0.88	ug/L	NA	NA	NA	NA	NA	NA	
Anthracene	ND	2.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Benz(a)anthracene	ND	2.0	0.71	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(a)pyrene	ND	2.0	0.77	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(b)fluoranthene	ND	2.0	0.42	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(g,h,i)perylene	ND	2.0	0.67	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(k)fluoranthene	ND	2.0	0.75	ug/L	NA	NA	NA	NA	NA	NA	
Benzyl alcohol	ND	10	0.32	ug/L	NA	NA	NA	NA	NA	NA	
bis(2-Chloroethoxy)methane	ND	5.0	0.34	ug/L	NA	NA	NA	NA	NA	NA	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506264
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5L0031 - EPA 3510C

Method Blank (B5L0031-BLK1) Prepared: 12/02/05 Analyzed: 12/07/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Bis(2-Chloroethyl)ether	ND	5.0	0.42	ug/L	NA	NA	NA	NA	NA	NA	
Bis(2-chloroisopropyl)ether	ND	5.0	0.32	ug/L	NA	NA	NA	NA	NA	NA	
Bis(2-Ethylhexyl)phthalate	ND	5.0	1.5	ug/L	NA	NA	NA	NA	NA	NA	
Butyl benzyl phthalate	ND	5.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
Carbazole	ND	5.0	0.34	ug/L	NA	NA	NA	NA	NA	NA	
Chrysene	ND	2.0	0.70	ug/L	NA	NA	NA	NA	NA	NA	
Dibenz(a,h)anthracene	ND	2.0	0.78	ug/L	NA	NA	NA	NA	NA	NA	
Dibenzofuran	ND	5.0	0.27	ug/L	NA	NA	NA	NA	NA	NA	
Diethylphthalate	ND	5.0	0.30	ug/L	NA	NA	NA	NA	NA	NA	
Dimethyl phthalate	ND	5.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Di-n-butyl phthalate	ND	5.0	0.47	ug/L	NA	NA	NA	NA	NA	NA	
Di-n-octyl phthalate	ND	5.0	0.80	ug/L	NA	NA	NA	NA	NA	NA	
Fluoranthene	ND	2.0	0.26	ug/L	NA	NA	NA	NA	NA	NA	
Fluorene	ND	2.0	0.46	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorobenzene	ND	5.0	0.24	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorobutadiene	ND	5.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorocyclopentadiene	ND	5.0	0.28	ug/L	NA	NA	NA	NA	NA	NA	
Hexachloroethane	ND	5.0	0.35	ug/L	NA	NA	NA	NA	NA	NA	
Indeno(1,2,3-cd)pyrene	ND	2.0	0.78	ug/L	NA	NA	NA	NA	NA	NA	
Isophorone	ND	5.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Naphthalene	ND	5.0	0.32	ug/L	NA	NA	NA	NA	NA	NA	
Nitrobenzene	ND	5.0	0.27	ug/L	NA	NA	NA	NA	NA	NA	
N-Nitrosodimethylamine	ND	5.0	0.26	ug/L	NA	NA	NA	NA	NA	NA	
N-Nitrosodi-n-propylamine	ND	5.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
N-Nitrosodiphenylamine	ND	5.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
Pentachlorophenol	ND	5.0	0.54	ug/L	NA	NA	NA	NA	NA	NA	
Phenanthrene	ND	2.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Phenol	ND	10	2.1	ug/L	NA	NA	NA	NA	NA	NA	
Pyrene	ND	2.0	0.50	ug/L	NA	NA	NA	NA	NA	NA	
Pyridine	ND	10	2.4	ug/L	NA	NA	NA	NA	NA	NA	
Surrogate: 2,4,6-Tribromophenol	*39.8*			ug/L	*50.0*	*NA*	*79.6*	*65-100*			
Surrogate: 2-Fluorobiphenyl	*18.0*			ug/L	*25.0*	*NA*	*72.0*	*59-101*			
Surrogate: 2-Fluorophenol	*21.8*			ug/L	*50.0*	*NA*	*43.6*	*30-75*			
Surrogate: Nitrobenzene-d5	*15.4*			ug/L	*25.0*	*NA*	*61.6*	*57-101*			
Surrogate: Phenol-d6	*18.3*			ug/L	*50.0*	*NA*	*36.6*	*30-75*			
Surrogate: Terphenyl-d14	*21.2*			ug/L	*25.0*	*NA*	*84.8*	*65-100*			

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5L0031 - EPA 3510C

Laboratory Control Sample (B5L0031-BS1) Prepared: 12/02/05 Analyzed: 12/07/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	35.8	5.0	0.33	ug/L	50.0	NA	71.6	30-120	NA	NA	
1,4-Dichlorobenzene	37.2	5.0	0.29	ug/L	50.0	NA	74.4	40-110	NA	NA	
2-Chlorophenol	37.1	10	0.63	ug/L	50.0	NA	74.2	40-100	NA	NA	
4-Chloro-3-methylphenol	41.7	5.0	0.23	ug/L	50.0	NA	83.4	50-110	NA	NA	
4-Nitrophenol	28.3	5.0	0.82	ug/L	50.0	NA	56.6	30-80	NA	NA	
Acenaphthene	44.5	2.0	0.26	ug/L	50.0	NA	89.0	50-110	NA	NA	
N-Nitrosodi-n-propylamine	42.2	5.0	0.31	ug/L	50.0	NA	84.4	45-120	NA	NA	
Pentachlorophenol	39.9	5.0	0.54	ug/L	50.0	NA	79.8	45-115	NA	NA	
Phenol	25.8	10	2.1	ug/L	50.0	NA	51.6	30-80	NA	NA	
Pyrene	48.8	2.0	0.50	ug/L	50.0	NA	97.6	55-120	NA	NA	
Surrogate: 2,4,6-Tribromophenol	*53.9*			ug/L	*50.0*	*NA*	*108*	*65-100*			
Surrogate: 2-Fluorobiphenyl	*21.7*			ug/L	*25.0*	*NA*	*86.8*	*59-101*			
Surrogate: 2-Fluorophenol	*25.8*			ug/L	*50.0*	*NA*	*51.6*	*30-75*			
Surrogate: Nitrobenzene-d5	*18.2*			ug/L	*25.0*	*NA*	*72.8*	*57-101*			
Surrogate: Phenol-d6	*23.3*			ug/L	*50.0*	*NA*	*46.6*	*30-75*			
Surrogate: Terphenyl-d14	*24.3*			ug/L	*25.0*	*NA*	*97.2*	*65-100*			

Laboratory Control Sample Duplicate (B5L0031-BSD1) Prepared: 12/02/05 Analyzed: 12/07/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	35.3	5.0	0.33	ug/L	50.0	NA	70.6	30-120	1.41	20	
1,4-Dichlorobenzene	35.0	5.0	0.29	ug/L	50.0	NA	70.0	40-110	6.09	20	
2-Chlorophenol	35.4	10	0.63	ug/L	50.0	NA	70.8	40-100	4.69	20	
4-Chloro-3-methylphenol	39.5	5.0	0.23	ug/L	50.0	NA	79.0	50-110	5.42	20	
4-Nitrophenol	26.3	5.0	0.82	ug/L	50.0	NA	52.6	30-80	7.33	20	
Acenaphthene	43.1	2.0	0.26	ug/L	50.0	NA	86.2	50-110	3.20	20	
N-Nitrosodi-n-propylamine	42.4	5.0	0.31	ug/L	50.0	NA	84.8	45-120	0.473	20	
Pentachlorophenol	37.6	5.0	0.54	ug/L	50.0	NA	75.2	45-115	5.94	20	
Phenol	23.0	10	2.1	ug/L	50.0	NA	46.0	30-80	11.5	20	
Pyrene	48.4	2.0	0.50	ug/L	50.0	NA	96.8	55-120	0.823	20	
Surrogate: 2,4,6-Tribromophenol	*53.6*			ug/L	*50.0*	*NA*	*107*	*65-100*			
Surrogate: 2-Fluorobiphenyl	*19.9*			ug/L	*25.0*	*NA*	*79.6*	*59-101*			
Surrogate: 2-Fluorophenol	*23.0*			ug/L	*50.0*	*NA*	*46.0*	*30-75*			
Surrogate: Nitrobenzene-d5	*17.9*			ug/L	*25.0*	*NA*	*71.6*	*57-101*			
Surrogate: Phenol-d6	*21.0*			ug/L	*50.0*	*NA*	*42.0*	*30-75*			
Surrogate: Terphenyl-d14	*23.9*			ug/L	*25.0*	*NA*	*95.6*	*65-100*			

The results in this report apply only to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Service Engineering Group	Client Ref:05500	Work Order #: 0506264
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5L0031 - EPA 3510C

Matrix Spike (B5L0031-MS1) **Source: 0506264-01** Prepared: 12/02/05 Analyzed: 12/07/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	85.0	11	0.74	ug/L	112	ND	75.9	30-130	NA	NA	
1,4-Dichlorobenzene	84.4	11	0.66	ug/L	112	ND	75.4	30-130	NA	NA	
2-Chlorophenol	89.4	22	1.4	ug/L	112	ND	79.8	30-130	NA	NA	
4-Chloro-3-methylphenol	99.4	11	0.53	ug/L	112	ND	88.8	30-130	NA	NA	
4-Nitrophenol	102	11	1.8	ug/L	112	ND	91.1	30-130	NA	NA	
Acenaphthene	104	4.5	0.59	ug/L	112	ND	92.9	30-130	NA	NA	
N-Nitrosodi-n-propylamine	92.0	11	0.70	ug/L	112	ND	82.1	30-130	NA	NA	
Pentachlorophenol	103	11	1.2	ug/L	112	ND	92.0	30-130	NA	NA	
Phenol	86.8	22	4.7	ug/L	112	ND	77.5	30-130	NA	NA	
Pyrene	111	4.5	1.1	ug/L	112	ND	99.1	30-130	NA	NA	
Surrogate: 2,4,6-Tribromophenol	*129*			ug/L	*112*	*NA*	*115*	*65-100*			
Surrogate: 2-Fluorobiphenyl	*49.7*			ug/L	*56.2*	*NA*	*88.4*	*59-101*			
Surrogate: 2-Fluorophenol	*74.7*			ug/L	*112*	*NA*	*66.7*	*30-75*			
Surrogate: Nitrobenzene-d5	*42.5*			ug/L	*56.2*	*NA*	*75.6*	*57-101*			
Surrogate: Phenol-d6	*81.1*			ug/L	*112*	*NA*	*72.4*	*30-75*			
Surrogate: Terphenyl-d14	*55.0*			ug/L	*56.2*	*NA*	*97.9*	*65-100*			

Matrix Spike Duplicate (B5L0031-MSD1) **Source: 0506264-01** Prepared: 12/02/05 Analyzed: 12/07/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	75.4	11	0.73	ug/L	110	ND	68.5	30-130	12.0	30	
1,4-Dichlorobenzene	73.6	11	0.64	ug/L	110	ND	66.9	30-130	13.7	30	
2-Chlorophenol	79.5	22	1.4	ug/L	110	ND	72.3	30-130	11.7	30	
4-Chloro-3-methylphenol	93.7	11	0.51	ug/L	110	ND	85.2	30-130	5.90	30	
4-Nitrophenol	100	11	1.8	ug/L	110	ND	90.9	30-130	1.98	30	
Acenaphthene	93.1	4.4	0.57	ug/L	110	ND	84.6	30-130	11.1	30	
N-Nitrosodi-n-propylamine	88.4	11	0.69	ug/L	110	ND	80.4	30-130	3.99	30	
Pentachlorophenol	97.5	11	1.2	ug/L	110	ND	88.6	30-130	5.49	30	
Phenol	77.6	22	4.6	ug/L	110	ND	70.5	30-130	11.2	30	
Pyrene	110	4.4	1.1	ug/L	110	ND	100	30-130	0.905	30	
Surrogate: 2,4,6-Tribromophenol	*123*			ug/L	*110*	*NA*	*112*	*65-100*			
Surrogate: 2-Fluorobiphenyl	*45.8*			ug/L	*54.9*	*NA*	*83.4*	*59-101*			
Surrogate: 2-Fluorophenol	*65.8*			ug/L	*110*	*NA*	*59.8*	*30-75*			
Surrogate: Nitrobenzene-d5	*39.3*			ug/L	*54.9*	*NA*	*71.6*	*57-101*			
Surrogate: Phenol-d6	*69.3*			ug/L	*110*	*NA*	*63.0*	*30-75*			
Surrogate: Terphenyl-d14	*53.5*			ug/L	*54.9*	*NA*	*97.4*	*65-100*			

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675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0098 - EPA 5030B

Method Blank (B5L0098-BLK1) Prepared: 12/05/05 Analyzed: 12/06/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
1,1,1-Trichloroethane	ND	1.0	0.050	ug/L	NA	NA	NA	NA	NA	NA	
1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/L	NA	NA	NA	NA	NA	NA	
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
1,1,2-Trichlorotrifluoroethane	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
1,1-Dichloroethane	ND	1.0	0.053	ug/L	NA	NA	NA	NA	NA	NA	
1,1-Dichloroethene	ND	1.0	0.085	ug/L	NA	NA	NA	NA	NA	NA	
1,1-Dichloropropene	ND	1.0	0.073	ug/L	NA	NA	NA	NA	NA	NA	
1,2,3-Trichlorobenzene	ND	1.0	0.11	ug/L	NA	NA	NA	NA	NA	NA	
1,2,3-Trichloropropane	ND	1.0	0.30	ug/L	NA	NA	NA	NA	NA	NA	
1,2,4-Trichlorobenzene	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
1,2,4-Trimethylbenzene	ND	1.0	0.071	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dibromo-3-chloropropane	ND	1.0	0.41	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dibromoethane	ND	1.0	0.064	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichloroethane	ND	1.0	0.053	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichloropropane	ND	1.0	0.050	ug/L	NA	NA	NA	NA	NA	NA	
1,3,5-Trimethylbenzene	ND	1.0	0.097	ug/L	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	ND	1.0	0.083	ug/L	NA	NA	NA	NA	NA	NA	
1,3-Dichloropropane	ND	1.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
2,2-Dichloropropane	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
2-Butanone (MEK)	ND	10	1.3	ug/L	NA	NA	NA	NA	NA	NA	
2-Chlorotoluene	ND	1.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
4-Chlorotoluene	ND	1.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
4-Isopropyltoluene	ND	1.0	0.058	ug/L	NA	NA	NA	NA	NA	NA	
Acetone	ND	20	1.5	ug/L	NA	NA	NA	NA	NA	NA	
Allyl Chloride	ND	1.0	0.26	ug/L	NA	NA	NA	NA	NA	NA	
Benzene	ND	1.0	0.045	ug/L	NA	NA	NA	NA	NA	NA	
Bromobenzene	ND	1.0	0.15	ug/L	NA	NA	NA	NA	NA	NA	
Bromochloromethane	ND	1.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Bromodichloromethane	ND	1.0	0.11	ug/L	NA	NA	NA	NA	NA	NA	
Bromoform	ND	5.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
Bromomethane	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
Carbon Tetrachloride	ND	1.0	0.057	ug/L	NA	NA	NA	NA	NA	NA	
Chlorobenzene	ND	1.0	0.042	ug/L	NA	NA	NA	NA	NA	NA	
Chlorodibromomethane	ND	1.0	0.028	ug/L	NA	NA	NA	NA	NA	NA	
Chloroethane	ND	1.0	0.11	ug/L	NA	NA	NA	NA	NA	NA	
Chloroform	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506264
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0098 - EPA 5030B

Method Blank (B5L0098-BLK1) Prepared: 12/05/05 Analyzed: 12/06/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	ND	1.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
cis-1,2-Dichloroethene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
cis-1,3-Dichloropropene	ND	1.0	0.041	ug/L	NA	NA	NA	NA	NA	NA	
Dibromomethane	ND	1.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
Dichlorodifluoromethane	ND	1.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
Dichlorofluoromethane	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
Ethyl Ether	ND	1.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
Ethylbenzene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorobutadiene	ND	2.0	0.24	ug/L	NA	NA	NA	NA	NA	NA	
Isopropylbenzene	ND	1.0	0.064	ug/L	NA	NA	NA	NA	NA	NA	
m,p-Xylenes	ND	1.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
Methyl Isobutyl Ketone	ND	5.0	0.42	ug/L	NA	NA	NA	NA	NA	NA	
Methylene chloride	ND	5.0	0.63	ug/L	NA	NA	NA	NA	NA	NA	
Methyl-t-butyl ether	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
Naphthalene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
n-Butylbenzene	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
n-Propylbenzene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
o-Xylene	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
sec-Butylbenzene	ND	1.0	0.042	ug/L	NA	NA	NA	NA	NA	NA	
Styrene	ND	1.0	0.047	ug/L	NA	NA	NA	NA	NA	NA	
tert-Butylbenzene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
Tetrachloroethene	ND	2.0	0.19	ug/L	NA	NA	NA	NA	NA	NA	
Tetrahydrofuran	ND	5.0	1.2	ug/L	NA	NA	NA	NA	NA	NA	
Toluene	ND	1.0	0.17	ug/L	NA	NA	NA	NA	NA	NA	
trans-1,2-Dichloroethene	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
trans-1,3-Dichloropropene	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
Trichloroethene	ND	1.0	0.073	ug/L	NA	NA	NA	NA	NA	NA	
Trichlorofluoromethane	ND	1.0	0.19	ug/L	NA	NA	NA	NA	NA	NA	
Vinyl chloride	ND	1.0	0.25	ug/L	NA	NA	NA	NA	NA	NA	
Surrogate: 1,2-Dichloroethane-d4	*23.0*			ug/L	*25.0*	*NA*	*92.0*	*82-128*			
Surrogate: 4-Bromofluorobenzene	*27.8*			ug/L	*25.0*	*NA*	*111*	*76-119*			
Surrogate: Dibromofluoromethane	*25.7*			ug/L	*25.0*	*NA*	*103*	*79-127*			
Surrogate: Toluene-d8	*26.7*			ug/L	*25.0*	*NA*	*107*	*82-116*			

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Service Engineering Group	Client Ref:05500	Work Order #: 0506264
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0098 - EPA 5030B

Laboratory Control Sample (B5L0098-BS1) Prepared: 12/05/05 Analyzed: 12/06/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	29.2	1.0	0.14	ug/L	25.0	NA	117	80-120	NA	NA	
1,1,1-Trichloroethane	26.9	1.0	0.050	ug/L	25.0	NA	108	80-120	NA	NA	
1,1,2,2-Tetrachloroethane	24.8	1.0	0.23	ug/L	25.0	NA	99.2	80-120	NA	NA	
1,1,2-Trichloroethane	25.0	1.0	0.20	ug/L	25.0	NA	100	80-120	NA	NA	
1,1,2-Trichlorotrifluoroethane	29.6	1.0	0.12	ug/L	25.0	NA	118	80-120	NA	NA	
1,1-Dichloroethane	23.8	1.0	0.053	ug/L	25.0	NA	95.2	80-120	NA	NA	
1,1-Dichloroethene	27.0	1.0	0.085	ug/L	25.0	NA	108	80-120	NA	NA	
1,1-Dichloropropene	24.5	1.0	0.073	ug/L	25.0	NA	98.0	80-120	NA	NA	
1,2,3-Trichlorobenzene	26.1	1.0	0.11	ug/L	25.0	NA	104	80-120	NA	NA	
1,2,3-Trichloropropane	26.8	1.0	0.30	ug/L	25.0	NA	107	80-120	NA	NA	
1,2,4-Trichlorobenzene	25.0	1.0	0.14	ug/L	25.0	NA	100	80-120	NA	NA	
1,2,4-Trimethylbenzene	24.2	1.0	0.071	ug/L	25.0	NA	96.8	80-120	NA	NA	
1,2-Dibromo-3-chloropropane	25.1	1.0	0.41	ug/L	25.0	NA	100	80-120	NA	NA	
1,2-Dibromoethane	27.3	1.0	0.064	ug/L	25.0	NA	109	80-120	NA	NA	
1,2-Dichlorobenzene	24.6	1.0	0.12	ug/L	25.0	NA	98.4	80-120	NA	NA	
1,2-Dichloroethane	24.2	1.0	0.053	ug/L	25.0	NA	96.8	80-120	NA	NA	
1,2-Dichloropropane	20.7	1.0	0.050	ug/L	25.0	NA	82.8	80-120	NA	NA	
1,3,5-Trimethylbenzene	24.1	1.0	0.097	ug/L	25.0	NA	96.4	80-120	NA	NA	
1,3-Dichlorobenzene	24.7	1.0	0.083	ug/L	25.0	NA	98.8	80-120	NA	NA	
1,3-Dichloropropane	24.4	1.0	0.13	ug/L	25.0	NA	97.6	80-120	NA	NA	
1,4-Dichlorobenzene	24.7	1.0	0.12	ug/L	25.0	NA	98.8	80-120	NA	NA	
2,2-Dichloropropane	26.1	1.0	0.10	ug/L	25.0	NA	104	80-120	NA	NA	
2-Butanone (MEK)	27.0	10	1.3	ug/L	25.0	NA	108	80-120	NA	NA	
2-Chlorotoluene	24.4	1.0	0.20	ug/L	25.0	NA	97.6	80-120	NA	NA	
4-Chlorotoluene	24.4	1.0	0.13	ug/L	25.0	NA	97.6	80-120	NA	NA	
4-Isopropyltoluene	25.4	1.0	0.058	ug/L	25.0	NA	102	80-120	NA	NA	
Acetone	32.5	20	1.5	ug/L	25.0	NA	130	80-120	NA	NA	
Allyl Chloride	24.6	1.0	0.26	ug/L	25.0	NA	98.4	80-120	NA	NA	
Benzene	22.6	1.0	0.045	ug/L	25.0	NA	90.4	80-120	NA	NA	
Bromobenzene	24.3	1.0	0.15	ug/L	25.0	NA	97.2	80-120	NA	NA	
Bromochloromethane	28.2	1.0	0.21	ug/L	25.0	NA	113	80-120	NA	NA	
Bromodichloromethane	24.3	1.0	0.11	ug/L	25.0	NA	97.2	80-120	NA	NA	
Bromoform	26.2	5.0	0.13	ug/L	25.0	NA	105	80-120	NA	NA	
Bromomethane	24.4	1.0	0.14	ug/L	25.0	NA	97.6	80-120	NA	NA	
Carbon Tetrachloride	27.0	1.0	0.057	ug/L	25.0	NA	108	80-120	NA	NA	
Chlorobenzene	28.1	1.0	0.042	ug/L	25.0	NA	112	80-120	NA	NA	
Chlorodibromomethane	30.5	1.0	0.028	ug/L	25.0	NA	122	80-120	NA	NA	
Chloroethane	24.3	1.0	0.11	ug/L	25.0	NA	97.2	80-120	NA	NA	
Chloroform	25.7	1.0	0.12	ug/L	25.0	NA	103	80-120	NA	NA	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506264
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0098 - EPA 5030B

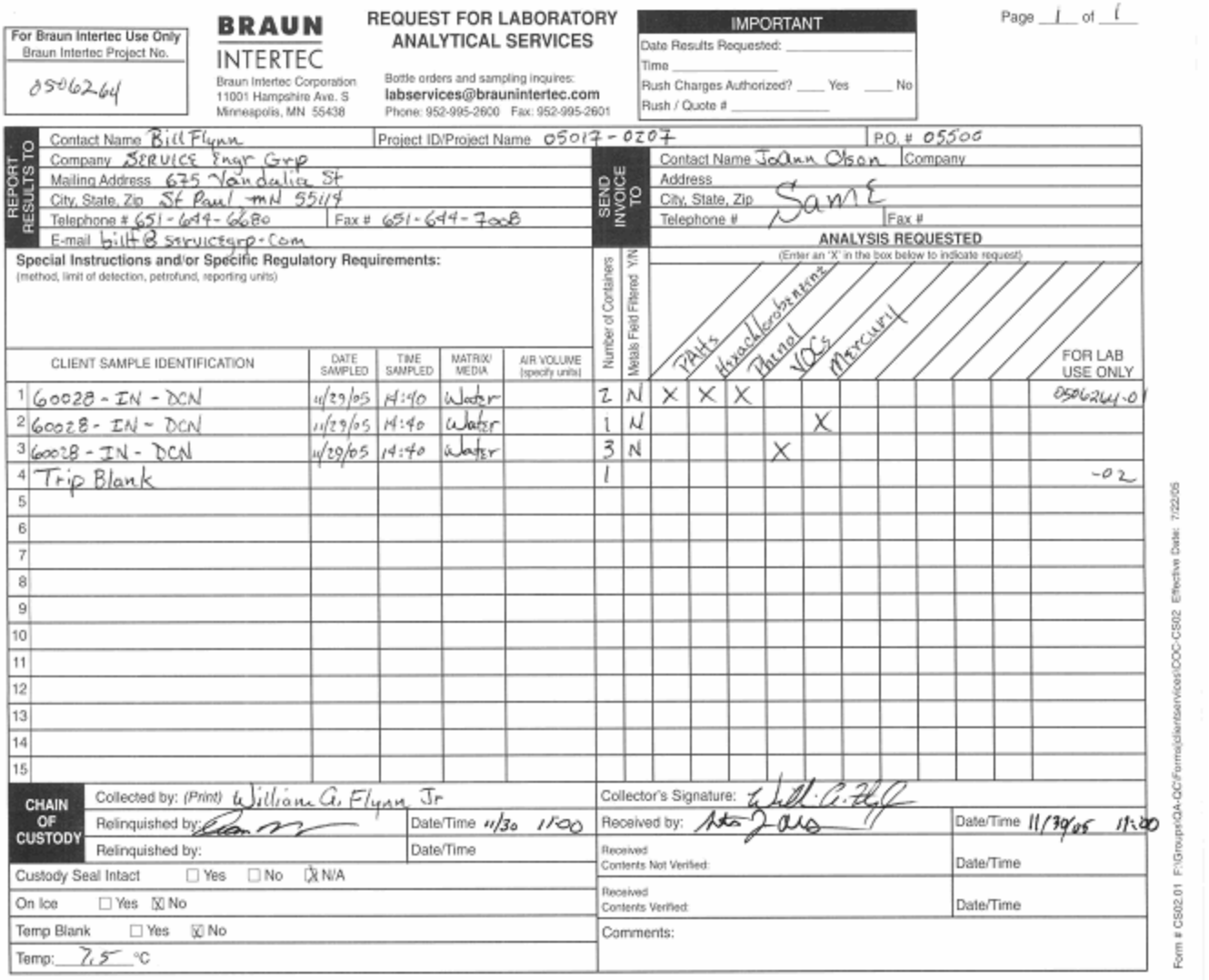
Laboratory Control Sample (B5L0098-BS1) Prepared: 12/05/05 Analyzed: 12/06/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	20.5	1.0	0.20	ug/L	25.0	NA	82.0	80-120	NA	NA	
cis-1,2-Dichloroethene	26.7	1.0	0.10	ug/L	25.0	NA	107	80-120	NA	NA	
cis-1,3-Dichloropropene	22.8	1.0	0.041	ug/L	25.0	NA	91.2	80-120	NA	NA	
Dibromomethane	23.2	1.0	0.20	ug/L	25.0	NA	92.8	80-120	NA	NA	
Dichlorodifluoromethane	19.7	1.0	0.13	ug/L	25.0	NA	78.8	80-120	NA	NA	
Dichlorofluoromethane	25.5	1.0	0.10	ug/L	25.0	NA	102	80-120	NA	NA	
Ethyl Ether	24.7	1.0	0.31	ug/L	25.0	NA	98.8	80-120	NA	NA	
Ethylbenzene	26.6	1.0	0.10	ug/L	25.0	NA	106	80-120	NA	NA	
Hexachlorobutadiene	24.4	2.0	0.24	ug/L	25.0	NA	97.6	80-120	NA	NA	
Isopropylbenzene	27.7	1.0	0.064	ug/L	25.0	NA	111	80-120	NA	NA	
m,p-Xylenes	54.1	1.0	0.13	ug/L	50.0	NA	108	80-120	NA	NA	
Methyl Isobutyl Ketone	20.1	5.0	0.42	ug/L	25.0	NA	80.4	80-120	NA	NA	
Methylene chloride	24.8	5.0	0.63	ug/L	25.0	NA	99.2	80-120	NA	NA	
Methyl-t-butyl ether	24.5	1.0	0.12	ug/L	25.0	NA	98.0	80-120	NA	NA	
Naphthalene	25.8	1.0	0.10	ug/L	25.0	NA	103	80-120	NA	NA	
n-Butylbenzene	23.3	1.0	0.12	ug/L	25.0	NA	93.2	80-120	NA	NA	
n-Propylbenzene	24.5	1.0	0.10	ug/L	25.0	NA	98.0	80-120	NA	NA	
o-Xylene	27.3	1.0	0.14	ug/L	25.0	NA	109	80-120	NA	NA	
sec-Butylbenzene	24.4	1.0	0.042	ug/L	25.0	NA	97.6	80-120	NA	NA	
Styrene	27.8	1.0	0.047	ug/L	25.0	NA	111	80-120	NA	NA	
tert-Butylbenzene	24.8	1.0	0.10	ug/L	25.0	NA	99.2	80-120	NA	NA	
Tetrachloroethene	29.3	2.0	0.19	ug/L	25.0	NA	117	80-120	NA	NA	
Tetrahydrofuran	17.6	5.0	1.2	ug/L	25.0	NA	70.4	80-120	NA	NA	
Toluene	25.2	1.0	0.17	ug/L	25.0	NA	101	80-120	NA	NA	
trans-1,2-Dichloroethene	26.5	1.0	0.14	ug/L	25.0	NA	106	80-120	NA	NA	
trans-1,3-Dichloropropene	23.3	1.0	0.12	ug/L	25.0	NA	93.2	80-120	NA	NA	
Trichloroethene	26.5	1.0	0.073	ug/L	25.0	NA	106	80-120	NA	NA	
Trichlorofluoromethane	25.8	1.0	0.19	ug/L	25.0	NA	103	80-120	NA	NA	
Vinyl chloride	22.4	1.0	0.25	ug/L	25.0	NA	89.6	80-120	NA	NA	
Surrogate: 1,2-Dichloroethane-d4	*23.3*			ug/L	*25.0*	*NA*	*93.2*	*82-128*			
Surrogate: 4-Bromofluorobenzene	*28.1*			ug/L	*25.0*	*NA*	*112*	*76-119*			
Surrogate: Dibromofluoromethane	*27.4*			ug/L	*25.0*	*NA*	*110*	*79-127*			
Surrogate: Toluene-d8	*26.3*			ug/L	*25.0*	*NA*	*105*	*82-116*			

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:05500	Work Order #: 0506264
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003



BRAUN INTERTEC

REQUEST FOR LABORATORY ANALYTICAL SERVICES

Page 1 of 1

For Braun Intertec Use Only
Braun Intertec Project No.
0506264

Braun Intertec Corporation
11001 Hampshire Ave. S
Minneapolis, MN 55438

Bottle orders and sampling inquires:
labservices@braunintertec.com
Phone: 952-995-2600 Fax: 952-995-2601

IMPORTANT
Date Results Requested:
Time
Rush Charges Authorized? ___ Yes ___ No
Rush / Quote #

REPORT RESULTS TO
Contact Name Bill Flynn | Project ID/Project Name 05017-0207 | P.O. # 05500
Company SERVICE Engr Grp
Mailing Address 675 Vandalia St
City, State, Zip St Paul MN 55114
Telephone # 651-644-6680 | Fax # 651-644-7008
E-mail billf@servicegrp.com

SEND INVOICE TO
Contact Name JoAnn Olson | Company
Address
City, State, Zip Same
Telephone # | Fax #

Special Instructions and/or Specific Regulatory Requirements:
(method, limit of detection, petrofund, reporting units)

ANALYSIS REQUESTED
(Enter an 'X' in the box below to indicate request)

	CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)	Number of Containers	Metals Field Filtered Y/N	PAHs	Hexachlorobutene	Phenol	VOCs	Mercury	FOR LAB USE ONLY
1	60028-IN-DCN	11/29/05	14:40	Water		2	N	X	X	X			0506264-01
2	60028-IN-DCN	11/29/05	14:40	Water		1	N				X		
3	60028-IN-DCN	11/29/05	14:40	Water		3	N			X			
4	Trip Blank					1							-02
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													

CHAIN OF CUSTODY
Collected by: (Print) William A. Flynn Jr
Collector's Signature:
Relinquished by: | Date/Time 11/30 1100
Received by: | Date/Time 11/30/05 1120
Relinquished by: | Date/Time
Received Contents Not Verified: | Date/Time
Custody Seal Intact ☐ Yes ☐ No ☒ N/A
Received Contents Verified: | Date/Time
On Ice ☐ Yes ☒ No
Temp Blank ☐ Yes ☒ No
Comments:
Temp: 7.5 °C

Form # CS02.01 F:\Groups\QA-QC\Forms\clientservices\COC-CS02 Effective Date: 7/22/05

BRAUN INTERTEC

Braun Intertec Corporation
11001 Hampshire Avenue S
Minneapolis, MN 55438

Phone: 952.995.2000
Fax: 952.995.2020
Web: brauninterlec.com

Mr. Bill Flynn
Service Engineering Group
675 Vandalia Street
St. Paul, MN 55114-1312

December 14, 2005

Work Order #: 0506265

RE: 05500

Dear Mr. Bill Flynn

Braun Intertec Corporation received samples for the project identified above on 11/30/05 16:47. Analytical results are summarized in the following report.

All routine quality assurance procedures were followed, unless otherwise noted.

Analytical results are reported on an "as received" basis unless otherwise noted. Where possible, the samples will be retained by the laboratory for 14 days following issuance of the initial final report. The samples will be disposed of or returned at that time. Arrangements can be made for extended storage by contacting me at this time.

We appreciate your decision to use Braun Intertec Corporation for this project. We are committed to being your vendor of choice to meet your analytical chemistry needs.

If you have any questions please contact me at the above phone number.

Sincerely,

Steven J. Albrecht

Steven J. Albrecht
Associate Principal

Certification/Accreditation Numbers

Minnesota Department of Health: 027-053-117 Wisconsin DNR: 999462640 NVLAP: 1021234-0 AIHA: 101103

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:05500	Work Order #: 0506265
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

How to Use this Report

In order to get the most out of the information presented in this report please refer to the following explanations as to how the data in this report is tied together and how some of the terms are defined.

Qualifiers and Abbreviations are defined in the following section. You will find these codes used throughout the report in headers and in note sections to designate a unique fact about the data to which they are associated.

The Case Narrative gives a "story" about the analysis and results. Here you will find greater elaboration on relevant qualifiers as well as an explanation of anything of particular note in the data. This is a discussion of the data in terms of quality control and chemistry. It is a summary of any deviations that could affect the usefulness of the data. This is not an interpretation as to how this information relates to regulatory compliance, toxicity, or hazardous characterization. These items are beyond the scope of this report.

The Sample Summary provides detail on sample receipt. The association between Client sample ID and the Laboratory sample ID are defined here; this information is valuable to have when discussing results with your project manager. Sample collection and receipt dates and times are provided here as well. General notes regarding the work order are also documented here. This is a mini "case narrative" that describes any anomalies regarding the condition of the samples upon arrival to the laboratory or special circumstances regarding the work order.

The Conditions Upon Receipt summarizes the results of specific checks that have been performed at sample receipt. This includes items like custody documentation, sample condition, and temperature at receipt. Each "cooler" is identified and the conditions associated with that cooler are documented. A "cooler" is defined as the larger container used to transport the individual samples. In most cases this is a standard recreational cooler but it can be a box, plastic bag, or other container.

The laboratory results are summarized in the following sections. Data is broken down into major categories for convenience. An example of such a category would be "Total Petroleum Hydrocarbons." Here you would find data that references the testing of such parameters as diesel range organics and gasoline range organics. Other categories are similarly mapped. The batch number is associated with each sample. This is important to evaluate Quality Control (QC) data. Surrogate results samples are provided with each sample. Laboratory control limits are provided for comparison (see below). The reference method is also identified. If a method is denoted with an "M" (e.g. EPA 1234(M)) this means that it has been modified. An explanation of the modification will be found in the Case Narrative. A result is given with appropriate units. If a soil sample is dry-weight corrected then the word "dry" will appear next to the units. If the word "dry" does not appear then the result is "as received."

The Method Reporting Limit (MRL) and Method Detection Limit (MDL) are provided. It is important to understand these terms. The MRL is a level that has been empirically verified to provide reliable quantitation of results. Results that are equal to or greater than this value will show up as bolded. They are considered "hits." The MDL is a statistically derived number that indicates, with high confidence, that an analyte can be detected above noise level. If a result is less than this value it is marked as "ND" for "Non-Detect." If a result is less than the MRL but greater than the MDL then it is considered an estimate. Such a result is reported with a "J" flag denoting that it has been detected but that the result is an estimate. This is consistent with the *CLP Statement of Work* and the *National Functional Guidelines.*

The Quality Control (QC) samples are documented in the following section. Here you will find the preparation batches associated with each sample from the results section. The sample preparation method is also defined here. Accuracy is represented here in terms of a percent recovery as compared to a known value. Precision is represented as a relative percent difference between two duplicate sample aliquots. The laboratory control limits are provided as a means to evaluate the quality control data. If the result falls outside the laboratory control limits this simply means that it is outside what is typical for the laboratory and is noted accordingly. This does not mean that the data is invalid. Laboratory control limits are generally tighter than most program limits. This is a very important distinction. How the data is ultimately used determines its validity. Program requirements are defined in the Quality Assurance Project Plan (QAPP) governing the project. If your project manager is aware of your specific program requirements then a note will be made in the case narrative if the data fails to meet any of these requirements.

The last section contains copies of important documents and/or instrument printouts relavent to the report. This includes the chain of custody. It also may include items like chromatograms or spectra.

Please note that this report is paginated and must be reproduced in its entirety.

BRAUN INTERTEC

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Service Engineering Group	Client Ref:05500	Work Order #: 0506265
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Qualifiers and Abbreviations

vm	The surrogate recovery is above the laboratory generated control limits.
vg	The method reporting limits (MRL) were raised due to reduced sample volume as a result of high sample sediment content.
ts	This analysis was performed by a subcontract laboratory.
J	Detected but below the Method Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
go	The laboratory control sample recovery is outside of laboratory control limits.
COC	Chain of Custody
dry	Sample results reported on a dry weight basis
MDL	Method Detection Limit
MRL	Method Reporting Limit
NA	Not Applicable
ND	Analyte NOT DETECTED
NR	Not Reported
%Rec	Percent Recovery
RPD	Relative Percent Difference
VOC	Volatile Organic Compound

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675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

SAMPLE SUMMARY

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
60028-10M-PR	0506265-01	Soil	11/29/05 08:30	11/30/05 16:47
60028-10M-PR	0506265-02	Water	11/29/05 09:35	11/30/05 16:47
60028-10M-PO	0506265-03	Water	11/30/05 08:00	11/30/05 16:47
60028-10M-PO	0506265-04	Water	11/30/05 08:00	11/30/05 16:47
Trip Blank	0506265-05	Water	11/29/05 00:00	11/30/05 16:47

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Conditions Upon Receipt

Cooler: Cooler #1

Temperature:	7.5 °C	**Received on Ice:**	No	**Preservation Confirmed:**	No
COC Included:	Yes	**Hand Delivered by Sampler:**	No	**Temperature Blank:**	No
Custody Seals Used:	No	**Sufficient Sample Provided:**	Yes	**COC Complete:**	Yes
Custody Seals Intact:	No	**Headspace Present (VOC):**	Yes	**COC & Labels Agree:**	Yes

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

60028-10M-PR

0506265-01 (Soil)

11/29/05 8:30

Classical Chemistry Parameters

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
% Solids	**58**			% Wt	B5L0129	12/7/05	12/8/05	ASTM D2216	

Metals

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Mercury	**0.87**	0.026	0.0012	mg/kg dry	B5L0011	12/1/05	12/2/05	EPA 7471A	

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,2,4-Trichlorobenzene	ND	0.22	0.034	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
1,2-Dichlorobenzene	ND	0.22	0.017	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
1,2-Diphenylhydrazine	ND	0.22	0.020	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
1,3-Dichlorobenzene	ND	0.22	0.027	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
1,4-Dichlorobenzene	**0.39**	0.22	0.034	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
2,4,5-Trichlorophenol	ND	0.22	0.064	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
2,4,6-Trichlorophenol	ND	0.22	0.057	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
2,4-Dichlorophenol	ND	0.22	0.064	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
2,4-Dimethylphenol	ND	0.57	0.20	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
2,4-Dinitrophenol	ND	0.57	0.060	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
2,4-Dinitrotoluene	ND	0.22	0.023	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
2,6-Dinitrotoluene	ND	0.22	0.020	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
2-Chloronaphthalene	ND	0.22	0.023	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
2-Chlorophenol	ND	0.22	0.060	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
2-Methylnaphthalene	**4.1**	0.22	0.077	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
2-Methylphenol	ND	0.57	0.057	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
2-Nitroaniline	ND	0.22	0.060	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
2-Nitrophenol	ND	0.22	0.064	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
3,3-Dichlorobenzidine	ND	1.1	0.057	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
3-/4-Methylphenol	0.45 J	0.57	0.070	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
3-Nitroaniline	ND	0.57	0.060	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
4,6-Dinitro-2-methylphenol	ND	0.57	0.034	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506265
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

60028-10M-PR

0506265-01 (Soil)

11/29/05 8:30

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
4-Bromophenyl phenyl ether	ND	0.22	0.034	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
4-Chloro-3-methylphenol	ND	0.22	0.074	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
4-Chloroaniline	ND	0.57	0.060	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	0.22	0.037	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
4-Nitroaniline	ND	0.22	0.050	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
4-Nitrophenol	ND	0.22	0.070	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Acenaphthene	**3.3**	0.22	0.034	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Acenaphthylene	**1.2**	0.22	0.023	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Aniline	ND	0.57	0.14	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Anthracene	**4.1**	0.22	0.034	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Benz(a)anthracene	**4.4**	0.22	0.034	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Benzo(a)pyrene	**4.4**	0.22	0.027	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Benzo(b)fluoranthene	**3.0**	0.22	0.057	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Benzo(g,h,i)perylene	**2.2**	0.22	0.020	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Benzo(k)fluoranthene	**2.8**	0.22	0.047	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Benzyl alcohol	ND	0.22	0.091	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
bis(2-Chloroethoxy)methane	ND	0.22	0.037	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Bis(2-Chloroethyl)ether	ND	0.22	0.040	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Bis(2-chloroisopropyl)ether	ND	0.22	0.047	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Bis(2-Ethylhexyl)phthalate	**1.1**	1.1	0.030	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Butyl benzyl phthalate	ND	0.22	0.027	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Carbazole	**0.37**	0.22	0.050	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Chrysene	**5.1**	0.22	0.034	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Dibenz(a,h)anthracene	**0.77**	0.22	0.070	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Dibenzofuran	**0.79**	0.22	0.044	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Diethylphthalate	ND	0.22	0.037	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Dimethyl phthalate	ND	0.22	0.037	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Di-n-butyl phthalate	ND	1.1	0.047	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Di-n-octyl phthalate	ND	0.22	0.034	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Fluoranthene	**9.4**	0.22	0.023	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506265
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

60028-10M-PR

0506265-01 (Soil)

11/29/05 8:30

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Fluorene	**2.6**	0.22	0.013	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Hexachlorobenzene	ND	0.22	0.030	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Hexachlorobutadiene	ND	0.22	0.020	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Hexachlorocyclopentadiene	ND	0.22	0.030	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Hexachloroethane	ND	0.22	0.030	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Indeno(1,2,3-cd)pyrene	**2.1**	0.22	0.030	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Isophorone	ND	0.22	0.034	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Naphthalene	**5.1**	0.22	0.017	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Nitrobenzene	ND	0.22	0.040	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
N-Nitrosodimethylamine	ND	0.22	0.070	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
N-Nitrosodi-n-propylamine	ND	0.22	0.040	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
N-Nitrosodiphenylamine	ND	0.22	0.023	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Pentachlorophenol	ND	0.57	0.064	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Phenanthrene	**11**	1.1	0.13	mg/kg dry	B5L0003	12/1/05	12/5/05	EPA 8270C	
Phenol	ND	0.22	0.060	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Pyrene	**11**	0.22	0.034	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Pyridine	ND	0.22	0.13	mg/kg dry	B5L0003	12/1/05	12/2/05	EPA 8270C	
Surrogate: 2,4,6-Tribromophenol	*98.9 %*	*Limits: 30-150%*			*B5L0003*	*12/1/05*	*12/2/05*	*EPA 8270C*	
Surrogate: 2-Fluorobiphenyl	*64.9 %*	*Limits: 30-104%*			*B5L0003*	*12/1/05*	*12/2/05*	*EPA 8270C*	
Surrogate: 2-Fluorophenol	*65.3 %*	*Limits: 30-106%*			*B5L0003*	*12/1/05*	*12/2/05*	*EPA 8270C*	
Surrogate: Nitrobenzene-d5	*56.6 %*	*Limits: 30-90%*			*B5L0003*	*12/1/05*	*12/2/05*	*EPA 8270C*	
Surrogate: Phenol-d6	*71.7 %*	*Limits: 30-102%*			*B5L0003*	*12/1/05*	*12/2/05*	*EPA 8270C*	
Surrogate: Terphenyl-d14	*70.6 %*	*Limits: 30-115%*			*B5L0003*	*12/1/05*	*12/2/05*	*EPA 8270C*	

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,1,2-Tetrachloroethane	ND	0.086	0.012	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
1,1,1-Trichloroethane	ND	0.086	0.0052	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	

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Bloomington, MN 55438
952-995-2000 Phone
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Service Engineering Group	Client Ref:05500	Work Order #: 0506265
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

60028-10M-PR

0506265-01 (Soil)

11/29/05 8:30

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,2,2-Tetrachloroethane	ND	0.086	0.021	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
1,1,2-Trichloroethane	ND	0.086	0.017	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
1,1,2-Trichlorotrifluoroethane	ND	0.086	0.010	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
1,1-Dichloroethane	ND	0.086	0.0046	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
1,1-Dichloroethene	ND	0.086	0.0074	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
1,1-Dichloropropene	ND	0.086	0.0064	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
1,2,3-Trichlorobenzene	ND	0.086	0.0095	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
1,2,3-Trichloropropane	ND	0.086	0.026	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
1,2,4-Trichlorobenzene	ND	0.086	0.012	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
1,2,4-Trimethylbenzene	**0.31**	0.086	0.0060	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
1,2-Dibromo-3-chloropropane	ND	0.086	0.034	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
1,2-Dibromoethane	ND	0.086	0.0055	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
1,2-Dichlorobenzene	ND	0.086	0.010	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
1,2-Dichloroethane	ND	0.086	0.0046	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
1,2-Dichloropropane	ND	0.086	0.0043	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
1,3,5-Trimethylbenzene	**0.14**	0.086	0.0084	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
1,3-Dichlorobenzene	ND	0.086	0.0072	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
1,3-Dichloropropane	ND	0.086	0.011	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
1,4-Dichlorobenzene	ND	0.086	0.010	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
2,2-Dichloropropane	ND	0.086	0.0090	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
2-Butanone (MEK)	ND	0.86	0.11	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
2-Chlorotoluene	ND	0.086	0.017	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
4-Chlorotoluene	ND	0.086	0.011	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
4-Isopropyltoluene	ND	0.086	0.0050	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
Acetone	ND	1.7	0.13	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
Allyl Chloride	ND	0.086	0.022	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
Benzene	ND	0.086	0.0038	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
Bromobenzene	ND	0.086	0.013	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506265
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

60028-10M-PR

0506265-01 (Soil)

11/29/05 8:30

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Bromochloromethane	ND	0.086	0.019	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
Bromodichloromethane	ND	0.086	0.0091	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
Bromoform	ND	0.43	0.011	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
Bromomethane	ND	0.086	0.012	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
Carbon Tetrachloride	ND	0.086	0.0048	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
Chlorobenzene	ND	0.086	0.0036	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
Chlorodibromomethane	ND	0.086	0.0026	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	go
Chloroethane	ND	0.086	0.0096	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
Chloroform	ND	0.086	0.010	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
Chloromethane	ND	0.086	0.017	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
cis-1,2-Dichloroethene	ND	0.086	0.0090	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
cis-1,3-Dichloropropene	ND	0.086	0.0034	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
Dibromomethane	ND	0.086	0.017	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
Dichlorodifluoromethane	ND	0.086	0.011	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
Dichlorofluoromethane	ND	0.086	0.0090	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
Ethyl Ether	ND	0.086	0.026	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
Ethylbenzene	ND	0.086	0.0091	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
Hexachlorobutadiene	ND	0.17	0.021	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
Isopropylbenzene	ND	0.086	0.0055	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
m,p-Xylenes	**0.10**	0.086	0.011	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
Methyl Isobutyl Ketone	ND	0.43	0.036	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	go
Methylene chloride	ND	0.43	0.055	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
Methyl-t-butyl ether	ND	0.086	0.010	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
Naphthalene	**2.6**	0.086	0.0086	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
n-Butylbenzene	ND	0.086	0.010	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
n-Propylbenzene	ND	0.086	0.0090	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
o-Xylene	**0.087**	0.086	0.012	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
sec-Butylbenzene	ND	0.086	0.0036	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
Styrene	ND	0.086	0.0040	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506265
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

60028-10M-PR

0506265-01 (Soil)

11/29/05 8:30

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
tert-Butylbenzene	ND	0.086	0.0088	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
Tetrachloroethene	ND	0.17	0.016	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
Tetrahydrofuran	ND	0.43	0.10	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	go
Toluene	ND	0.086	0.015	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
trans-1,2-Dichloroethene	ND	0.086	0.012	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
trans-1,3-Dichloropropene	ND	0.086	0.010	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
Trichloroethene	ND	0.086	0.0064	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
Trichlorofluoromethane	ND	0.086	0.016	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
Vinyl chloride	ND	0.086	0.021	mg/kg dry	B5L0094	12/5/05	12/7/05	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4	*91.2 %*	*Limits: 81-127%*			*B5L0094*	*12/5/05*	*12/7/05*	*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene	*114 %*	*Limits: 74-117%*			*B5L0094*	*12/5/05*	*12/7/05*	*EPA 8260B*	
Surrogate: Dibromofluoromethane	*102 %*	*Limits: 79-127%*			*B5L0094*	*12/5/05*	*12/7/05*	*EPA 8260B*	
Surrogate: Toluene-d8	*104 %*	*Limits: 82-115%*			*B5L0094*	*12/5/05*	*12/7/05*	*EPA 8260B*	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

60028-10M-PR

0506265-02 (Water)

11/29/05 9:35

Classical Chemistry Parameters

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Total Suspended Solids	**21000**	100	72	mg/L	B5L0028	12/1/05	12/2/05	EPA 160.2	
Total Organic Carbon	**15**	8.0	3.0	mg/L	B5L0235	12/11/05	12/12/05	EPA 9060	ts

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Service Engineering Group	Client Ref:05500	Work Order #: 0506265
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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

60028-10M-PO

0506265-03 (Water)

11/30/05 8:00

Classical Chemistry Parameters

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Total Suspended Solids	**13000**	100	72	mg/L	B5L0028	12/1/05	12/2/05	EPA 160.2	
Dissolved Organic Carbon	**9.3**	1.5	0.50	mg/L	B5L0235	12/11/05	12/12/05	ASTM D5373	ts
Total Organic Carbon	**23**	8.0	3.0	mg/L	B5L0235	12/11/05	12/12/05	EPA 9060	ts

Metals

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Mercury, Dissolved	ND	0.20	0.011	ug/L	B5L0064	12/5/05	12/6/05	EPA 7470A	

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,2,4-Trichlorobenzene	ND	7.0	0.47	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
1,2-Dichlorobenzene	ND	7.0	0.37	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
1,2-Diphenylhydrazine	ND	7.0	0.53	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
1,3-Dichlorobenzene	ND	7.0	0.42	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
1,4-Dichlorobenzene	1.5 J	7.0	0.41	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
2,4,5-Trichlorophenol	ND	7.0	0.22	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
2,4,6-Trichlorophenol	ND	7.0	0.32	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
2,4-Dichlorophenol	ND	14	0.39	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
2,4-Dimethylphenol	ND	7.0	0.56	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
2,4-Dinitrophenol	ND	7.0	1.4	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
2,4-Dinitrotoluene	ND	7.0	0.29	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
2,6-Dinitrotoluene	ND	7.0	0.82	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
2-Chloronaphthalene	ND	7.0	0.42	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
2-Chlorophenol	ND	14	0.89	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
2-Methylnaphthalene	**13**	7.0	0.55	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
2-Methylphenol	ND	14	3.5	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
2-Nitroaniline	ND	7.0	0.65	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
2-Nitrophenol	ND	14	0.76	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
3,3-Dichlorobenzidine	ND	7.0	0.76	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
3-/4-Methylphenol	ND	14	0.39	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506265
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

60028-10M-PO

0506265-03 (Water)

11/30/05 8:00

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
3-Nitroaniline	ND	7.0	0.94	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
4,6-Dinitro-2-methylphenol	ND	7.0	0.99	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
4-Bromophenyl phenyl ether	ND	7.0	0.34	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
4-Chloro-3-methylphenol	ND	7.0	0.33	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
4-Chloroaniline	ND	7.0	0.84	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	2.8	0.35	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
4-Nitroaniline	ND	7.0	0.48	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
4-Nitrophenol	ND	7.0	1.2	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Acenaphthene	**9.1**	2.8	0.37	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Acenaphthylene	0.61 J	2.8	0.26	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Aniline	ND	7.0	1.2	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Anthracene	2.3 J	2.8	0.29	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Benz(a)anthracene	ND	2.8	1.0	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Benzo(a)pyrene	ND	2.8	1.1	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Benzo(b)fluoranthene	ND	2.8	0.59	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Benzo(g,h,i)perylene	ND	2.8	0.95	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Benzo(k)fluoranthene	ND	2.8	1.1	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Benzyl alcohol	ND	14	0.45	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
bis(2-Chloroethoxy)methane	ND	7.0	0.47	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Bis(2-Chloroethyl)ether	ND	7.0	0.59	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Bis(2-chloroisopropyl)ether	ND	7.0	0.45	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Bis(2-Ethylhexyl)phthalate	ND	7.0	2.1	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Butyl benzyl phthalate	ND	7.0	0.44	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Carbazole	1.8 J	7.0	0.48	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Chrysene	ND	2.8	0.99	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Dibenz(a,h)anthracene	ND	2.8	1.1	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Dibenzofuran	1.6 J	7.0	0.38	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Diethylphthalate	ND	7.0	0.43	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Dimethyl phthalate	ND	7.0	0.30	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

60028-10M-PO

0506265-03 (Water)

11/30/05 8:00

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Di-n-butyl phthalate	ND	7.0	0.66	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Di-n-octyl phthalate	ND	7.0	1.1	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Fluoranthene	2.3 J	2.8	0.36	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Fluorene	**6.1**	2.8	0.64	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Hexachlorobenzene	ND	7.0	0.34	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Hexachlorobutadiene	ND	7.0	0.44	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Hexachlorocyclopentadiene	ND	7.0	0.39	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Hexachloroethane	ND	7.0	0.50	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Indeno(1,2,3-cd)pyrene	ND	2.8	1.1	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Isophorone	ND	7.0	0.29	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Naphthalene	**14**	7.0	0.45	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Nitrobenzene	ND	7.0	0.38	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
N-Nitrosodimethylamine	ND	7.0	0.36	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
N-Nitrosodi-n-propylamine	ND	7.0	0.44	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
N-Nitrosodiphenylamine	ND	7.0	0.44	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Pentachlorophenol	ND	7.0	0.77	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Phenanthrene	**8.3**	2.8	0.29	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Phenol	ND	14	3.0	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Pyrene	2.1 J	2.8	0.71	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Pyridine	ND	14	3.4	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Surrogate: 2,4,6-Tribromophenol	*102 %*	*Limits: 65-100%*			*B5L0031*	*12/2/05*	*12/7/05*	*EPA 8270C*	*vm*
Surrogate: 2-Fluorobiphenyl	*73.6 %*	*Limits: 59-101%*			*B5L0031*	*12/2/05*	*12/7/05*	*EPA 8270C*	
Surrogate: 2-Fluorophenol	*53.7 %*	*Limits: 30-75%*			*B5L0031*	*12/2/05*	*12/7/05*	*EPA 8270C*	
Surrogate: Nitrobenzene-d5	*58.8 %*	*Limits: 57-101%*			*B5L0031*	*12/2/05*	*12/7/05*	*EPA 8270C*	
Surrogate: Phenol-d6	*49.3 %*	*Limits: 30-75%*			*B5L0031*	*12/2/05*	*12/7/05*	*EPA 8270C*	
Surrogate: Terphenyl-d14	*90.1 %*	*Limits: 65-100%*			*B5L0031*	*12/2/05*	*12/7/05*	*EPA 8270C*	

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BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:05500	Work Order #: 0506265
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

60028-10M-PO

0506265-04 (Water)

11/30/05 8:00

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,1,2-Tetrachloroethane	ND	2.0	0.28	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	vg
1,1,1-Trichloroethane	ND	2.0	0.10	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	vg
1,1,2,2-Tetrachloroethane	ND	2.0	0.47	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	vg
1,1,2-Trichloroethane	ND	2.0	0.40	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	vg
1,1,2-Trichlorotrifluoroethane	ND	2.0	0.23	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	vg
1,1-Dichloroethane	ND	2.0	0.11	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	vg
1,1-Dichloroethene	ND	2.0	0.17	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	vg
1,1-Dichloropropene	ND	2.0	0.15	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	vg
1,2,3-Trichlorobenzene	ND	2.0	0.22	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	vg
1,2,3-Trichloropropane	ND	2.0	0.60	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	vg
1,2,4-Trichlorobenzene	ND	2.0	0.29	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	vg
1,2,4-Trimethylbenzene	**8.5**	2.0	0.14	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	vg
1,2-Dibromo-3-chloropropane	ND	2.0	0.81	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	vg
1,2-Dibromoethane	ND	2.0	0.13	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	vg
1,2-Dichlorobenzene	ND	2.0	0.24	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	vg
1,2-Dichloroethane	ND	2.0	0.11	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	vg
1,2-Dichloropropane	ND	2.0	0.10	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	vg
1,3,5-Trimethylbenzene	**3.5**	2.0	0.19	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	vg
1,3-Dichlorobenzene	ND	2.0	0.17	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	vg
1,3-Dichloropropane	ND	2.0	0.25	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	vg
1,4-Dichlorobenzene	**4.0**	2.0	0.24	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	vg
2,2-Dichloropropane	ND	2.0	0.21	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	vg
2-Butanone (MEK)	ND	20	2.7	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	vg
2-Chlorotoluene	ND	2.0	0.39	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	vg
4-Chlorotoluene	ND	2.0	0.26	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	vg
4-Isopropyltoluene	ND	2.0	0.12	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	vg
Acetone	ND	40	3.1	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	go, vg
Allyl Chloride	ND	2.0	0.52	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	vg
Benzene	ND	2.0	0.090	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	vg

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952-995-2020 Fax

Service Engineering Group	Client Ref:05500	Work Order #: 0506265
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

60028-10M-PO

0506265-04 (Water)

11/30/05 8:00

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Bromobenzene	ND	2.0	0.30	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	vg
Bromochloromethane	ND	2.0	0.42	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	vg
Bromodichloromethane	ND	2.0	0.21	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	vg
Bromoform	ND	10	0.26	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	vg
Bromomethane	ND	2.0	0.27	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	vg
Carbon Tetrachloride	ND	2.0	0.11	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	vg
Chlorobenzene	**3.1**	2.0	0.084	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	vg
Chlorodibromomethane	ND	2.0	0.056	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	go, vg
Chloroethane	ND	2.0	0.22	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	vg
Chloroform	ND	2.0	0.23	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	vg
Chloromethane	ND	2.0	0.40	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	vg
cis-1,2-Dichloroethene	ND	2.0	0.21	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	vg
cis-1,3-Dichloropropene	ND	2.0	0.082	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	vg
Dibromomethane	ND	2.0	0.40	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	vg
Dichlorodifluoromethane	ND	2.0	0.25	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	go, vg
Dichlorofluoromethane	ND	2.0	0.21	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	vg
Ethyl Ether	ND	2.0	0.61	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	vg
Ethylbenzene	ND	2.0	0.21	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	vg
Hexachlorobutadiene	ND	4.0	0.49	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	vg
Isopropylbenzene	ND	2.0	0.13	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	vg
m,p-Xylenes	**4.6**	2.0	0.25	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	vg
Methyl Isobutyl Ketone	ND	10	0.83	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	vg
Methylene chloride	ND	10	1.3	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	vg
Methyl-t-butyl ether	ND	2.0	0.24	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	vg
Naphthalene	**70**	2.0	0.20	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	vg
n-Butylbenzene	ND	2.0	0.24	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	vg
n-Propylbenzene	ND	2.0	0.21	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	vg
o-Xylene	**3.7**	2.0	0.28	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	vg
sec-Butylbenzene	ND	2.0	0.084	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	vg

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Service Engineering Group	Client Ref:05500	Work Order #: 0506265
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

60028-10M-PO

0506265-04 (Water)

11/30/05 8:00

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Styrene	ND	2.0	0.094	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	vg
tert-Butylbenzene	ND	2.0	0.20	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	vg
Tetrachloroethene	ND	4.0	0.38	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	vg
Tetrahydrofuran	ND	10	2.3	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	go, vg
Toluene	ND	2.0	0.34	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	vg
trans-1,2-Dichloroethene	ND	2.0	0.27	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	vg
trans-1,3-Dichloropropene	ND	2.0	0.24	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	vg
Trichloroethene	ND	2.0	0.15	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	vg
Trichlorofluoromethane	ND	2.0	0.38	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	vg
Vinyl chloride	ND	2.0	0.50	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	vg
Surrogate: 1,2-Dichloroethane-d4	*92.0 %*	*Limits: 82-128%*			*B5L0098*	*12/5/05*	*12/7/05*	*EPA 8260B*	*vg*
Surrogate: 4-Bromofluorobenzene	*112 %*	*Limits: 76-119%*			*B5L0098*	*12/5/05*	*12/7/05*	*EPA 8260B*	*vg*
Surrogate: Dibromofluoromethane	*105 %*	*Limits: 79-127%*			*B5L0098*	*12/5/05*	*12/7/05*	*EPA 8260B*	*vg*
Surrogate: Toluene-d8	*104 %*	*Limits: 82-116%*			*B5L0098*	*12/5/05*	*12/7/05*	*EPA 8260B*	*vg*

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952-995-2020 Fax

Service Engineering Group	Client Ref:05500	Work Order #: 0506265
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Trip Blank

0506265-05 (Water)

11/29/05 0:00

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
1,1,1-Trichloroethane	ND	1.0	0.050	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
1,1,2-Trichlorotrifluoroethane	ND	1.0	0.12	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
1,1-Dichloroethane	ND	1.0	0.053	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
1,1-Dichloroethene	ND	1.0	0.085	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
1,1-Dichloropropene	ND	1.0	0.073	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
1,2,3-Trichlorobenzene	ND	1.0	0.11	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
1,2,3-Trichloropropane	ND	1.0	0.30	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
1,2,4-Trichlorobenzene	ND	1.0	0.14	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
1,2,4-Trimethylbenzene	ND	1.0	0.071	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
1,2-Dibromo-3-chloropropane	ND	1.0	0.41	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
1,2-Dibromoethane	ND	1.0	0.064	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
1,2-Dichlorobenzene	ND	1.0	0.12	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
1,2-Dichloroethane	ND	1.0	0.053	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
1,2-Dichloropropane	ND	1.0	0.050	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
1,3,5-Trimethylbenzene	ND	1.0	0.097	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
1,3-Dichlorobenzene	ND	1.0	0.083	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
1,3-Dichloropropane	ND	1.0	0.13	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
1,4-Dichlorobenzene	ND	1.0	0.12	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
2,2-Dichloropropane	ND	1.0	0.10	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
2-Butanone (MEK)	ND	10	1.3	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
2-Chlorotoluene	ND	1.0	0.20	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
4-Chlorotoluene	ND	1.0	0.13	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
4-Isopropyltoluene	ND	1.0	0.058	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
Acetone	ND	20	1.5	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	go
Allyl Chloride	ND	1.0	0.26	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506265
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Trip Blank

0506265-05 (Water)

11/29/05 0:00

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	0.045	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
Bromobenzene	ND	1.0	0.15	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
Bromochloromethane	ND	1.0	0.21	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
Bromodichloromethane	ND	1.0	0.11	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
Bromoform	ND	5.0	0.13	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
Bromomethane	ND	1.0	0.14	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
Carbon Tetrachloride	ND	1.0	0.057	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
Chlorobenzene	ND	1.0	0.042	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
Chlorodibromomethane	ND	1.0	0.028	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	go
Chloroethane	ND	1.0	0.11	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
Chloroform	ND	1.0	0.12	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
Chloromethane	ND	1.0	0.20	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.0	0.10	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.0	0.041	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
Dibromomethane	ND	1.0	0.20	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
Dichlorodifluoromethane	ND	1.0	0.13	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	go
Dichlorofluoromethane	ND	1.0	0.10	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
Ethyl Ether	ND	1.0	0.31	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
Ethylbenzene	ND	1.0	0.10	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
Hexachlorobutadiene	ND	2.0	0.24	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
Isopropylbenzene	ND	1.0	0.064	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
m,p-Xylenes	ND	1.0	0.13	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
Methyl Isobutyl Ketone	ND	5.0	0.42	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
Methylene chloride	ND	5.0	0.63	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
Methyl-t-butyl ether	ND	1.0	0.12	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
Naphthalene	ND	1.0	0.10	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
n-Butylbenzene	ND	1.0	0.12	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
n-Propylbenzene	ND	1.0	0.10	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506265
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Trip Blank

0506265-05 (Water)

11/29/05 0:00

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
o-Xylene	ND	1.0	0.14	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
sec-Butylbenzene	ND	1.0	0.042	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
Styrene	ND	1.0	0.047	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
tert-Butylbenzene	ND	1.0	0.10	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
Tetrachloroethene	ND	2.0	0.19	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
Tetrahydrofuran	ND	5.0	1.2	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	go
Toluene	ND	1.0	0.17	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
trans-1,2-Dichloroethene	ND	1.0	0.14	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.0	0.12	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
Trichloroethene	ND	1.0	0.073	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
Trichlorofluoromethane	ND	1.0	0.19	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
Vinyl chloride	ND	1.0	0.25	ug/L	B5L0098	12/5/05	12/7/05	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4	*94.0 %*	*Limits: 82-128%*			*B5L0098*	*12/5/05*	*12/7/05*	*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene	*114 %*	*Limits: 76-119%*			*B5L0098*	*12/5/05*	*12/7/05*	*EPA 8260B*	
Surrogate: Dibromofluoromethane	*103 %*	*Limits: 79-127%*			*B5L0098*	*12/5/05*	*12/7/05*	*EPA 8260B*	
Surrogate: Toluene-d8	*104 %*	*Limits: 82-116%*			*B5L0098*	*12/5/05*	*12/7/05*	*EPA 8260B*	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506265
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Classical Chemistry Parameters - Quality Control

Batch B5L0028 - Default Prep GenChem

Method Blank (B5L0028-BLK1) Prepared: 12/01/05 Analyzed: 12/02/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Suspended Solids	ND	5.0	3.6	mg/L	NA	NA	NA	NA	NA	NA	

Laboratory Control Sample (B5L0028-BS1) Prepared: 12/01/05 Analyzed: 12/02/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Suspended Solids	261			mg/L	250	NA	104	80-120	NA	NA	

Batch B5L0129 - % Solids

Method Blank (B5L0129-BLK1) Prepared: 12/07/05 Analyzed: 12/08/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
% Solids	ND			% Wt	NA	NA	NA	NA	NA	NA	

Standard Reference Material (B5L0129-SRM1) Prepared: 12/07/05 Analyzed: 12/08/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
% Solids	90.8			% Wt	88.8	NA	102	90-110	NA	NA	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Metals - Quality Control

Batch B5L0011 - EPA 7471A

Method Blank (B5L0011-BLK1) Prepared: 12/01/05 Analyzed: 12/04/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	ND	0.020	0.00090	mg/kg	NA	NA	NA	NA	NA	NA	

Laboratory Control Sample (B5L0011-BS1) Prepared: 12/01/05 Analyzed: 12/04/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.264	0.020	0.00090	mg/kg	0.250	NA	106	85-115	NA	NA	

Laboratory Control Sample Duplicate (B5L0011-BSD1) Prepared: 12/01/05 Analyzed: 12/04/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.265	0.020	0.00090	mg/kg	0.250	NA	106	85-115	0.378	20	

Standard Reference Material (B5L0011-SRM1) Prepared: 12/01/05 Analyzed: 12/02/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	4.84	0.19	0.0085	mg/kg	3.66	NA	132	57.4-139	NA	NA	

Batch B5L0064 - EPA 7470A

Method Blank (B5L0064-BLK1) Prepared: 12/05/05 Analyzed: 12/06/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury, Dissolved	0.181	0.20	0.011	ug/L	NA	NA	NA	NA	NA	NA	

Method Blank (B5L0064-BLK2) Prepared & Analyzed: 12/06/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury, Dissolved	ND	0.20	0.011	ug/L	NA	NA	NA	NA	NA	NA	

Laboratory Control Sample (B5L0064-BS1) Prepared: 12/05/05 Analyzed: 12/06/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury, Dissolved	2.57	0.20	0.011	ug/L	2.50	NA	103	85-115	NA	NA	

Laboratory Control Sample Duplicate (B5L0064-BSD1) Prepared: 12/05/05 Analyzed: 12/06/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury, Dissolved	2.60	0.20	0.011	ug/L	2.50	NA	104	85-115	1.16	20	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506265
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5L0003 - EPA 3545

Method Blank (B5L0003-BLK1) Prepared: 12/01/05 Analyzed: 12/02/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	ND	0.067	0.0050	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Diphenylhydrazine	ND	0.067	0.0060	mg/kg	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	ND	0.067	0.0080	mg/kg	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
2,4,5-Trichlorophenol	ND	0.067	0.019	mg/kg	NA	NA	NA	NA	NA	NA	
2,4,6-Trichlorophenol	ND	0.067	0.017	mg/kg	NA	NA	NA	NA	NA	NA	
2,4-Dichlorophenol	ND	0.067	0.019	mg/kg	NA	NA	NA	NA	NA	NA	
2,4-Dimethylphenol	ND	0.17	0.059	mg/kg	NA	NA	NA	NA	NA	NA	
2,4-Dinitrophenol	ND	0.17	0.018	mg/kg	NA	NA	NA	NA	NA	NA	
2,4-Dinitrotoluene	ND	0.067	0.0070	mg/kg	NA	NA	NA	NA	NA	NA	
2,6-Dinitrotoluene	ND	0.067	0.0060	mg/kg	NA	NA	NA	NA	NA	NA	
2-Chloronaphthalene	ND	0.067	0.0070	mg/kg	NA	NA	NA	NA	NA	NA	
2-Chlorophenol	ND	0.067	0.018	mg/kg	NA	NA	NA	NA	NA	NA	
2-Methylnaphthalene	ND	0.067	0.023	mg/kg	NA	NA	NA	NA	NA	NA	
2-Methylphenol	ND	0.17	0.017	mg/kg	NA	NA	NA	NA	NA	NA	
2-Nitroaniline	ND	0.067	0.018	mg/kg	NA	NA	NA	NA	NA	NA	
2-Nitrophenol	ND	0.067	0.019	mg/kg	NA	NA	NA	NA	NA	NA	
3,3-Dichlorobenzidine	ND	0.33	0.017	mg/kg	NA	NA	NA	NA	NA	NA	
3-/4-Methylphenol	ND	0.17	0.021	mg/kg	NA	NA	NA	NA	NA	NA	
3-Nitroaniline	ND	0.17	0.018	mg/kg	NA	NA	NA	NA	NA	NA	
4,6-Dinitro-2-methylphenol	ND	0.17	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
4-Bromophenyl phenyl ether	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
4-Chloro-3-methylphenol	ND	0.067	0.022	mg/kg	NA	NA	NA	NA	NA	NA	
4-Chloroaniline	ND	0.17	0.018	mg/kg	NA	NA	NA	NA	NA	NA	
4-Chlorophenyl phenyl ether	ND	0.067	0.011	mg/kg	NA	NA	NA	NA	NA	NA	
4-Nitroaniline	ND	0.067	0.015	mg/kg	NA	NA	NA	NA	NA	NA	
4-Nitrophenol	ND	0.067	0.021	mg/kg	NA	NA	NA	NA	NA	NA	
Acenaphthene	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Acenaphthylene	ND	0.067	0.0070	mg/kg	NA	NA	NA	NA	NA	NA	
Aniline	ND	0.17	0.042	mg/kg	NA	NA	NA	NA	NA	NA	
Anthracene	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Benz(a)anthracene	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Benzo(a)pyrene	ND	0.067	0.0080	mg/kg	NA	NA	NA	NA	NA	NA	
Benzo(b)fluoranthene	ND	0.067	0.017	mg/kg	NA	NA	NA	NA	NA	NA	
Benzo(g,h,i)perylene	ND	0.067	0.0060	mg/kg	NA	NA	NA	NA	NA	NA	
Benzo(k)fluoranthene	ND	0.067	0.014	mg/kg	NA	NA	NA	NA	NA	NA	
Benzyl alcohol	ND	0.067	0.027	mg/kg	NA	NA	NA	NA	NA	NA	
bis(2-Chloroethoxy)methane	ND	0.067	0.011	mg/kg	NA	NA	NA	NA	NA	NA	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506265
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5L0003 - EPA 3545

Method Blank (B5L0003-BLK1) Prepared: 12/01/05 Analyzed: 12/02/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Bis(2-Chloroethyl)ether	ND	0.067	0.012	mg/kg	NA	NA	NA	NA	NA	NA	
Bis(2-chloroisopropyl)ether	ND	0.067	0.014	mg/kg	NA	NA	NA	NA	NA	NA	
Bis(2-Ethylhexyl)phthalate	ND	0.33	0.0090	mg/kg	NA	NA	NA	NA	NA	NA	
Butyl benzyl phthalate	ND	0.067	0.0080	mg/kg	NA	NA	NA	NA	NA	NA	
Carbazole	ND	0.067	0.015	mg/kg	NA	NA	NA	NA	NA	NA	
Chrysene	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Dibenz(a,h)anthracene	ND	0.067	0.021	mg/kg	NA	NA	NA	NA	NA	NA	
Dibenzofuran	ND	0.067	0.013	mg/kg	NA	NA	NA	NA	NA	NA	
Diethylphthalate	ND	0.067	0.011	mg/kg	NA	NA	NA	NA	NA	NA	
Dimethyl phthalate	ND	0.067	0.011	mg/kg	NA	NA	NA	NA	NA	NA	
Di-n-butyl phthalate	ND	0.33	0.014	mg/kg	NA	NA	NA	NA	NA	NA	
Di-n-octyl phthalate	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Fluoranthene	ND	0.067	0.0070	mg/kg	NA	NA	NA	NA	NA	NA	
Fluorene	ND	0.067	0.0040	mg/kg	NA	NA	NA	NA	NA	NA	
Hexachlorobenzene	ND	0.067	0.0090	mg/kg	NA	NA	NA	NA	NA	NA	
Hexachlorobutadiene	ND	0.067	0.0060	mg/kg	NA	NA	NA	NA	NA	NA	
Hexachlorocyclopentadiene	ND	0.067	0.0090	mg/kg	NA	NA	NA	NA	NA	NA	
Hexachloroethane	ND	0.067	0.0090	mg/kg	NA	NA	NA	NA	NA	NA	
Indeno(1,2,3-cd)pyrene	ND	0.067	0.0090	mg/kg	NA	NA	NA	NA	NA	NA	
Isophorone	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Naphthalene	ND	0.067	0.0050	mg/kg	NA	NA	NA	NA	NA	NA	
Nitrobenzene	ND	0.067	0.012	mg/kg	NA	NA	NA	NA	NA	NA	
N-Nitrosodimethylamine	ND	0.067	0.021	mg/kg	NA	NA	NA	NA	NA	NA	
N-Nitrosodi-n-propylamine	ND	0.067	0.012	mg/kg	NA	NA	NA	NA	NA	NA	
N-Nitrosodiphenylamine	ND	0.067	0.0070	mg/kg	NA	NA	NA	NA	NA	NA	
Pentachlorophenol	ND	0.17	0.019	mg/kg	NA	NA	NA	NA	NA	NA	
Phenanthrene	ND	0.067	0.0080	mg/kg	NA	NA	NA	NA	NA	NA	
Phenol	ND	0.067	0.018	mg/kg	NA	NA	NA	NA	NA	NA	
Pyrene	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Pyridine	ND	0.067	0.039	mg/kg	NA	NA	NA	NA	NA	NA	
Surrogate: 2,4,6-Tribromophenol	*0.744*			mg/kg	*1.67*	*NA*	*44.6*	*30-150*			
Surrogate: 2-Fluorobiphenyl	*0.741*			mg/kg	*0.833*	*NA*	*89.0*	*30-104*			
Surrogate: 2-Fluorophenol	*1.23*			mg/kg	*1.67*	*NA*	*73.7*	*30-106*			
Surrogate: Nitrobenzene-d5	*0.621*			mg/kg	*0.833*	*NA*	*74.5*	*30-90*			
Surrogate: Phenol-d6	*1.35*			mg/kg	*1.67*	*NA*	*80.8*	*30-102*			
Surrogate: Terphenyl-d14	*0.821*			mg/kg	*0.833*	*NA*	*98.6*	*30-115*			

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5L0003 - EPA 3545

Laboratory Control Sample (B5L0003-BS1) Prepared: 12/01/05 Analyzed: 12/02/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	1.41	0.067	0.010	mg/kg	1.67	NA	84.4	55-115	NA	NA	
1,4-Dichlorobenzene	1.36	0.067	0.010	mg/kg	1.67	NA	81.4	55-115	NA	NA	
2,4-Dinitrotoluene	1.68	0.067	0.0070	mg/kg	1.67	NA	101	60-130	NA	NA	
2-Chlorophenol	1.50	0.067	0.018	mg/kg	1.67	NA	89.8	55-115	NA	NA	
4-Chloro-3-methylphenol	1.53	0.067	0.022	mg/kg	1.67	NA	91.6	55-115	NA	NA	
4-Nitrophenol	1.53	0.067	0.021	mg/kg	1.67	NA	91.6	45-130	NA	NA	
Acenaphthene	1.62	0.067	0.010	mg/kg	1.67	NA	97.0	50-115	NA	NA	
N-Nitrosodi-n-propylamine	1.51	0.067	0.012	mg/kg	1.67	NA	90.4	65-115	NA	NA	
Pentachlorophenol	0.808	0.17	0.019	mg/kg	1.67	NA	48.4	30-130	NA	NA	
Phenol	1.51	0.067	0.018	mg/kg	1.67	NA	90.4	55-115	NA	NA	
Pyrene	1.78	0.067	0.010	mg/kg	1.67	NA	107	50-130	NA	NA	
Surrogate: 2,4,6-Tribromophenol	*1.56*			mg/kg	*1.67*	*NA*	*93.4*	*30-150*			
Surrogate: 2-Fluorobiphenyl	*0.821*			mg/kg	*0.833*	*NA*	*98.6*	*30-104*			
Surrogate: 2-Fluorophenol	*1.29*			mg/kg	*1.67*	*NA*	*77.2*	*30-106*			
Surrogate: Nitrobenzene-d5	*0.692*			mg/kg	*0.833*	*NA*	*83.1*	*30-90*			
Surrogate: Phenol-d6	*1.45*			mg/kg	*1.67*	*NA*	*86.8*	*30-102*			
Surrogate: Terphenyl-d14	*0.854*			mg/kg	*0.833*	*NA*	*103*	*30-115*			

Laboratory Control Sample Duplicate (B5L0003-BSD1) Prepared: 12/01/05 Analyzed: 12/02/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	1.33	0.067	0.010	mg/kg	1.67	NA	79.6	55-115	5.84	25	
1,4-Dichlorobenzene	1.29	0.067	0.010	mg/kg	1.67	NA	77.2	55-115	5.28	25	
2,4-Dinitrotoluene	1.61	0.067	0.0070	mg/kg	1.67	NA	96.4	60-130	4.26	25	
2-Chlorophenol	1.39	0.067	0.018	mg/kg	1.67	NA	83.2	55-115	7.61	25	
4-Chloro-3-methylphenol	1.40	0.067	0.022	mg/kg	1.67	NA	83.8	55-115	8.87	25	
4-Nitrophenol	1.43	0.067	0.021	mg/kg	1.67	NA	85.6	45-130	6.76	30	
Acenaphthene	1.49	0.067	0.010	mg/kg	1.67	NA	89.2	50-115	8.36	25	
N-Nitrosodi-n-propylamine	1.42	0.067	0.012	mg/kg	1.67	NA	85.0	65-115	6.14	25	
Pentachlorophenol	0.917	0.17	0.019	mg/kg	1.67	NA	54.9	30-130	12.6	30	
Phenol	1.43	0.067	0.018	mg/kg	1.67	NA	85.6	55-115	5.44	25	
Pyrene	1.75	0.067	0.010	mg/kg	1.67	NA	105	50-130	1.70	25	
Surrogate: 2,4,6-Tribromophenol	*1.44*			mg/kg	*1.67*	*NA*	*86.2*	*30-150*			
Surrogate: 2-Fluorobiphenyl	*0.750*			mg/kg	*0.833*	*NA*	*90.0*	*30-104*			
Surrogate: 2-Fluorophenol	*1.23*			mg/kg	*1.67*	*NA*	*73.7*	*30-106*			
Surrogate: Nitrobenzene-d5	*0.654*			mg/kg	*0.833*	*NA*	*78.5*	*30-90*			
Surrogate: Phenol-d6	*1.36*			mg/kg	*1.67*	*NA*	*81.4*	*30-102*			
Surrogate: Terphenyl-d14	*0.852*			mg/kg	*0.833*	*NA*	*102*	*30-115*			

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Service Engineering Group	Client Ref:05500	Work Order #: 0506265
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5L0031 - EPA 3510C

Method Blank (B5L0031-BLK1) Prepared: 12/02/05 Analyzed: 12/07/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	ND	5.0	0.33	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	ND	5.0	0.27	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Diphenylhydrazine	ND	5.0	0.37	ug/L	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	ND	5.0	0.30	ug/L	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	ND	5.0	0.29	ug/L	NA	NA	NA	NA	NA	NA	
2,4,5-Trichlorophenol	ND	5.0	0.15	ug/L	NA	NA	NA	NA	NA	NA	
2,4,6-Trichlorophenol	ND	5.0	0.23	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dichlorophenol	ND	10	0.28	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dimethylphenol	ND	5.0	0.40	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dinitrophenol	ND	5.0	0.96	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dinitrotoluene	ND	5.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
2,6-Dinitrotoluene	ND	5.0	0.58	ug/L	NA	NA	NA	NA	NA	NA	
2-Chloronaphthalene	ND	5.0	0.30	ug/L	NA	NA	NA	NA	NA	NA	
2-Chlorophenol	ND	10	0.63	ug/L	NA	NA	NA	NA	NA	NA	
2-Methylnaphthalene	ND	5.0	0.39	ug/L	NA	NA	NA	NA	NA	NA	
2-Methylphenol	ND	10	2.5	ug/L	NA	NA	NA	NA	NA	NA	
2-Nitroaniline	ND	5.0	0.46	ug/L	NA	NA	NA	NA	NA	NA	
2-Nitrophenol	ND	10	0.54	ug/L	NA	NA	NA	NA	NA	NA	
3,3-Dichlorobenzidine	ND	5.0	0.54	ug/L	NA	NA	NA	NA	NA	NA	
3-/4-Methylphenol	ND	10	0.28	ug/L	NA	NA	NA	NA	NA	NA	
3-Nitroaniline	ND	5.0	0.66	ug/L	NA	NA	NA	NA	NA	NA	
4,6-Dinitro-2-methylphenol	ND	5.0	0.70	ug/L	NA	NA	NA	NA	NA	NA	
4-Bromophenyl phenyl ether	ND	5.0	0.24	ug/L	NA	NA	NA	NA	NA	NA	
4-Chloro-3-methylphenol	ND	5.0	0.23	ug/L	NA	NA	NA	NA	NA	NA	
4-Chloroaniline	ND	5.0	0.59	ug/L	NA	NA	NA	NA	NA	NA	
4-Chlorophenyl phenyl ether	ND	2.0	0.25	ug/L	NA	NA	NA	NA	NA	NA	
4-Nitroaniline	ND	5.0	0.34	ug/L	NA	NA	NA	NA	NA	NA	
4-Nitrophenol	ND	5.0	0.82	ug/L	NA	NA	NA	NA	NA	NA	
Acenaphthene	ND	2.0	0.26	ug/L	NA	NA	NA	NA	NA	NA	
Acenaphthylene	ND	2.0	0.19	ug/L	NA	NA	NA	NA	NA	NA	
Aniline	ND	5.0	0.88	ug/L	NA	NA	NA	NA	NA	NA	
Anthracene	ND	2.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Benz(a)anthracene	ND	2.0	0.71	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(a)pyrene	ND	2.0	0.77	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(b)fluoranthene	ND	2.0	0.42	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(g,h,i)perylene	ND	2.0	0.67	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(k)fluoranthene	ND	2.0	0.75	ug/L	NA	NA	NA	NA	NA	NA	
Benzyl alcohol	ND	10	0.32	ug/L	NA	NA	NA	NA	NA	NA	
bis(2-Chloroethoxy)methane	ND	5.0	0.34	ug/L	NA	NA	NA	NA	NA	NA	

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675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5L0031 - EPA 3510C

Method Blank (B5L0031-BLK1) Prepared: 12/02/05 Analyzed: 12/07/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Bis(2-Chloroethyl)ether	ND	5.0	0.42	ug/L	NA	NA	NA	NA	NA	NA	
Bis(2-chloroisopropyl)ether	ND	5.0	0.32	ug/L	NA	NA	NA	NA	NA	NA	
Bis(2-Ethylhexyl)phthalate	ND	5.0	1.5	ug/L	NA	NA	NA	NA	NA	NA	
Butyl benzyl phthalate	ND	5.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
Carbazole	ND	5.0	0.34	ug/L	NA	NA	NA	NA	NA	NA	
Chrysene	ND	2.0	0.70	ug/L	NA	NA	NA	NA	NA	NA	
Dibenz(a,h)anthracene	ND	2.0	0.78	ug/L	NA	NA	NA	NA	NA	NA	
Dibenzofuran	ND	5.0	0.27	ug/L	NA	NA	NA	NA	NA	NA	
Diethylphthalate	ND	5.0	0.30	ug/L	NA	NA	NA	NA	NA	NA	
Dimethyl phthalate	ND	5.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Di-n-butyl phthalate	ND	5.0	0.47	ug/L	NA	NA	NA	NA	NA	NA	
Di-n-octyl phthalate	ND	5.0	0.80	ug/L	NA	NA	NA	NA	NA	NA	
Fluoranthene	ND	2.0	0.26	ug/L	NA	NA	NA	NA	NA	NA	
Fluorene	ND	2.0	0.46	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorobenzene	ND	5.0	0.24	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorobutadiene	ND	5.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorocyclopentadiene	ND	5.0	0.28	ug/L	NA	NA	NA	NA	NA	NA	
Hexachloroethane	ND	5.0	0.35	ug/L	NA	NA	NA	NA	NA	NA	
Indeno(1,2,3-cd)pyrene	ND	2.0	0.78	ug/L	NA	NA	NA	NA	NA	NA	
Isophorone	ND	5.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Naphthalene	ND	5.0	0.32	ug/L	NA	NA	NA	NA	NA	NA	
Nitrobenzene	ND	5.0	0.27	ug/L	NA	NA	NA	NA	NA	NA	
N-Nitrosodimethylamine	ND	5.0	0.26	ug/L	NA	NA	NA	NA	NA	NA	
N-Nitrosodi-n-propylamine	ND	5.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
N-Nitrosodiphenylamine	ND	5.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
Pentachlorophenol	ND	5.0	0.54	ug/L	NA	NA	NA	NA	NA	NA	
Phenanthrene	ND	2.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Phenol	ND	10	2.1	ug/L	NA	NA	NA	NA	NA	NA	
Pyrene	ND	2.0	0.50	ug/L	NA	NA	NA	NA	NA	NA	
Pyridine	ND	10	2.4	ug/L	NA	NA	NA	NA	NA	NA	
Surrogate: 2,4,6-Tribromophenol	*39.8*			ug/L	*50.0*	*NA*	*79.6*	*65-100*			
Surrogate: 2-Fluorobiphenyl	*18.0*			ug/L	*25.0*	*NA*	*72.0*	*59-101*			
Surrogate: 2-Fluorophenol	*21.8*			ug/L	*50.0*	*NA*	*43.6*	*30-75*			
Surrogate: Nitrobenzene-d5	*15.4*			ug/L	*25.0*	*NA*	*61.6*	*57-101*			
Surrogate: Phenol-d6	*18.3*			ug/L	*50.0*	*NA*	*36.6*	*30-75*			
Surrogate: Terphenyl-d14	*21.2*			ug/L	*25.0*	*NA*	*84.8*	*65-100*			

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Service Engineering Group	Client Ref:05500	Work Order #: 0506265
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5L0031 - EPA 3510C

Laboratory Control Sample (B5L0031-BS1) Prepared: 12/02/05 Analyzed: 12/07/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	35.8	5.0	0.33	ug/L	50.0	NA	71.6	30-120	NA	NA	
1,4-Dichlorobenzene	37.2	5.0	0.29	ug/L	50.0	NA	74.4	40-110	NA	NA	
2-Chlorophenol	37.1	10	0.63	ug/L	50.0	NA	74.2	40-100	NA	NA	
4-Chloro-3-methylphenol	41.7	5.0	0.23	ug/L	50.0	NA	83.4	50-110	NA	NA	
4-Nitrophenol	28.3	5.0	0.82	ug/L	50.0	NA	56.6	30-80	NA	NA	
Acenaphthene	44.5	2.0	0.26	ug/L	50.0	NA	89.0	50-110	NA	NA	
N-Nitrosodi-n-propylamine	42.2	5.0	0.31	ug/L	50.0	NA	84.4	45-120	NA	NA	
Pentachlorophenol	39.9	5.0	0.54	ug/L	50.0	NA	79.8	45-115	NA	NA	
Phenol	25.8	10	2.1	ug/L	50.0	NA	51.6	30-80	NA	NA	
Pyrene	48.8	2.0	0.50	ug/L	50.0	NA	97.6	55-120	NA	NA	
Surrogate: 2,4,6-Tribromophenol	*53.9*			ug/L	*50.0*	*NA*	*108*	*65-100*			
Surrogate: 2-Fluorobiphenyl	*21.7*			ug/L	*25.0*	*NA*	*86.8*	*59-101*			
Surrogate: 2-Fluorophenol	*25.8*			ug/L	*50.0*	*NA*	*51.6*	*30-75*			
Surrogate: Nitrobenzene-d5	*18.2*			ug/L	*25.0*	*NA*	*72.8*	*57-101*			
Surrogate: Phenol-d6	*23.3*			ug/L	*50.0*	*NA*	*46.6*	*30-75*			
Surrogate: Terphenyl-d14	*24.3*			ug/L	*25.0*	*NA*	*97.2*	*65-100*			

Laboratory Control Sample Duplicate (B5L0031-BSD1) Prepared: 12/02/05 Analyzed: 12/07/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	35.3	5.0	0.33	ug/L	50.0	NA	70.6	30-120	1.41	20	
1,4-Dichlorobenzene	35.0	5.0	0.29	ug/L	50.0	NA	70.0	40-110	6.09	20	
2-Chlorophenol	35.4	10	0.63	ug/L	50.0	NA	70.8	40-100	4.69	20	
4-Chloro-3-methylphenol	39.5	5.0	0.23	ug/L	50.0	NA	79.0	50-110	5.42	20	
4-Nitrophenol	26.3	5.0	0.82	ug/L	50.0	NA	52.6	30-80	7.33	20	
Acenaphthene	43.1	2.0	0.26	ug/L	50.0	NA	86.2	50-110	3.20	20	
N-Nitrosodi-n-propylamine	42.4	5.0	0.31	ug/L	50.0	NA	84.8	45-120	0.473	20	
Pentachlorophenol	37.6	5.0	0.54	ug/L	50.0	NA	75.2	45-115	5.94	20	
Phenol	23.0	10	2.1	ug/L	50.0	NA	46.0	30-80	11.5	20	
Pyrene	48.4	2.0	0.50	ug/L	50.0	NA	96.8	55-120	0.823	20	
Surrogate: 2,4,6-Tribromophenol	*53.6*			ug/L	*50.0*	*NA*	*107*	*65-100*			
Surrogate: 2-Fluorobiphenyl	*19.9*			ug/L	*25.0*	*NA*	*79.6*	*59-101*			
Surrogate: 2-Fluorophenol	*23.0*			ug/L	*50.0*	*NA*	*46.0*	*30-75*			
Surrogate: Nitrobenzene-d5	*17.9*			ug/L	*25.0*	*NA*	*71.6*	*57-101*			
Surrogate: Phenol-d6	*21.0*			ug/L	*50.0*	*NA*	*42.0*	*30-75*			
Surrogate: Terphenyl-d14	*23.9*			ug/L	*25.0*	*NA*	*95.6*	*65-100*			

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Service Engineering Group	Client Ref:05500	Work Order #: 0506265
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0094 - EPA 5035

Method Blank (B5L0094-BLK1) Prepared & Analyzed: 12/05/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	ND	0.050	0.0071	mg/kg	NA	NA	NA	NA	NA	NA	
1,1,1-Trichloroethane	ND	0.050	0.0030	mg/kg	NA	NA	NA	NA	NA	NA	
1,1,2,2-Tetrachloroethane	ND	0.050	0.012	mg/kg	NA	NA	NA	NA	NA	NA	
1,1,2-Trichloroethane	ND	0.050	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
1,1,2-Trichlorotrifluoroethane	ND	0.050	0.0058	mg/kg	NA	NA	NA	NA	NA	NA	
1,1-Dichloroethane	ND	0.050	0.0027	mg/kg	NA	NA	NA	NA	NA	NA	
1,1-Dichloroethene	ND	0.050	0.0043	mg/kg	NA	NA	NA	NA	NA	NA	
1,1-Dichloropropene	ND	0.050	0.0037	mg/kg	NA	NA	NA	NA	NA	NA	
1,2,3-Trichlorobenzene	ND	0.050	0.0055	mg/kg	NA	NA	NA	NA	NA	NA	
1,2,3-Trichloropropane	ND	0.050	0.015	mg/kg	NA	NA	NA	NA	NA	NA	
1,2,4-Trichlorobenzene	ND	0.050	0.0072	mg/kg	NA	NA	NA	NA	NA	NA	
1,2,4-Trimethylbenzene	ND	0.050	0.0035	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Dibromo-3-chloropropane	ND	0.050	0.020	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Dibromoethane	ND	0.050	0.0032	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	ND	0.050	0.0059	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Dichloroethane	ND	0.050	0.0027	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Dichloropropane	ND	0.050	0.0025	mg/kg	NA	NA	NA	NA	NA	NA	
1,3,5-Trimethylbenzene	ND	0.050	0.0049	mg/kg	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	ND	0.050	0.0042	mg/kg	NA	NA	NA	NA	NA	NA	
1,3-Dichloropropane	ND	0.050	0.0063	mg/kg	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	ND	0.050	0.0060	mg/kg	NA	NA	NA	NA	NA	NA	
2,2-Dichloropropane	ND	0.050	0.0052	mg/kg	NA	NA	NA	NA	NA	NA	
2-Butanone (MEK)	ND	0.50	0.066	mg/kg	NA	NA	NA	NA	NA	NA	
2-Chlorotoluene	ND	0.050	0.0097	mg/kg	NA	NA	NA	NA	NA	NA	
4-Chlorotoluene	ND	0.050	0.0066	mg/kg	NA	NA	NA	NA	NA	NA	
4-Isopropyltoluene	ND	0.050	0.0029	mg/kg	NA	NA	NA	NA	NA	NA	
Acetone	ND	1.0	0.077	mg/kg	NA	NA	NA	NA	NA	NA	
Allyl Chloride	ND	0.050	0.013	mg/kg	NA	NA	NA	NA	NA	NA	
Benzene	ND	0.050	0.0022	mg/kg	NA	NA	NA	NA	NA	NA	
Bromobenzene	ND	0.050	0.0074	mg/kg	NA	NA	NA	NA	NA	NA	
Bromochloromethane	ND	0.050	0.011	mg/kg	NA	NA	NA	NA	NA	NA	
Bromodichloromethane	ND	0.050	0.0053	mg/kg	NA	NA	NA	NA	NA	NA	
Bromoform	ND	0.25	0.0064	mg/kg	NA	NA	NA	NA	NA	NA	
Bromomethane	ND	0.050	0.0068	mg/kg	NA	NA	NA	NA	NA	NA	
Carbon Tetrachloride	ND	0.050	0.0028	mg/kg	NA	NA	NA	NA	NA	NA	
Chlorobenzene	ND	0.050	0.0021	mg/kg	NA	NA	NA	NA	NA	NA	
Chlorodibromomethane	ND	0.050	0.0015	mg/kg	NA	NA	NA	NA	NA	NA	
Chloroethane	ND	0.050	0.0056	mg/kg	NA	NA	NA	NA	NA	NA	
Chloroform	ND	0.050	0.0058	mg/kg	NA	NA	NA	NA	NA	NA	

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675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0094 - EPA 5035

Method Blank (B5L0094-BLK1) Prepared & Analyzed: 12/05/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	ND	0.050	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
cis-1,2-Dichloroethene	ND	0.050	0.0052	mg/kg	NA	NA	NA	NA	NA	NA	
cis-1,3-Dichloropropene	ND	0.050	0.0020	mg/kg	NA	NA	NA	NA	NA	NA	
Dibromomethane	ND	0.050	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Dichlorodifluoromethane	ND	0.050	0.0063	mg/kg	NA	NA	NA	NA	NA	NA	
Dichlorofluoromethane	ND	0.050	0.0052	mg/kg	NA	NA	NA	NA	NA	NA	
Ethyl Ether	ND	0.050	0.015	mg/kg	NA	NA	NA	NA	NA	NA	
Ethylbenzene	ND	0.050	0.0053	mg/kg	NA	NA	NA	NA	NA	NA	
Hexachlorobutadiene	ND	0.10	0.012	mg/kg	NA	NA	NA	NA	NA	NA	
Isopropylbenzene	ND	0.050	0.0032	mg/kg	NA	NA	NA	NA	NA	NA	
m,p-Xylenes	ND	0.050	0.0063	mg/kg	NA	NA	NA	NA	NA	NA	
Methyl Isobutyl Ketone	ND	0.25	0.021	mg/kg	NA	NA	NA	NA	NA	NA	
Methylene chloride	ND	0.25	0.032	mg/kg	NA	NA	NA	NA	NA	NA	
Methyl-t-butyl ether	ND	0.050	0.0060	mg/kg	NA	NA	NA	NA	NA	NA	
Naphthalene	ND	0.050	0.0050	mg/kg	NA	NA	NA	NA	NA	NA	
n-Butylbenzene	ND	0.050	0.0061	mg/kg	NA	NA	NA	NA	NA	NA	
n-Propylbenzene	ND	0.050	0.0052	mg/kg	NA	NA	NA	NA	NA	NA	
o-Xylene	ND	0.050	0.0070	mg/kg	NA	NA	NA	NA	NA	NA	
sec-Butylbenzene	ND	0.050	0.0021	mg/kg	NA	NA	NA	NA	NA	NA	
Styrene	ND	0.050	0.0023	mg/kg	NA	NA	NA	NA	NA	NA	
tert-Butylbenzene	ND	0.050	0.0051	mg/kg	NA	NA	NA	NA	NA	NA	
Tetrachloroethene	ND	0.10	0.0095	mg/kg	NA	NA	NA	NA	NA	NA	
Tetrahydrofuran	ND	0.25	0.058	mg/kg	NA	NA	NA	NA	NA	NA	
Toluene	ND	0.050	0.0086	mg/kg	NA	NA	NA	NA	NA	NA	
trans-1,2-Dichloroethene	ND	0.050	0.0068	mg/kg	NA	NA	NA	NA	NA	NA	
trans-1,3-Dichloropropene	ND	0.050	0.0059	mg/kg	NA	NA	NA	NA	NA	NA	
Trichloroethene	ND	0.050	0.0037	mg/kg	NA	NA	NA	NA	NA	NA	
Trichlorofluoromethane	ND	0.050	0.0095	mg/kg	NA	NA	NA	NA	NA	NA	
Vinyl chloride	ND	0.050	0.012	mg/kg	NA	NA	NA	NA	NA	NA	
Surrogate: 1,2-Dichloroethane-d4	*22.9*			ug/L	*25.0*	*NA*	*91.6*	*81-127*			
Surrogate: 4-Bromofluorobenzene	*27.6*			ug/L	*25.0*	*NA*	*110*	*74-117*			
Surrogate: Dibromofluoromethane	*25.5*			ug/L	*25.0*	*NA*	*102*	*79-127*			
Surrogate: Toluene-d8	*26.6*			ug/L	*25.0*	*NA*	*106*	*82-115*			

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Service Engineering Group	Client Ref:05500	Work Order #: 0506265
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0094 - EPA 5035

Laboratory Control Sample (B5L0094-BS1) Prepared & Analyzed: 12/05/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	1.45	0.050	0.0071	mg/kg	1.25	NA	116	80-120	NA	NA	
1,1,1-Trichloroethane	1.32	0.050	0.0030	mg/kg	1.25	NA	106	80-120	NA	NA	
1,1,2,2-Tetrachloroethane	1.21	0.050	0.012	mg/kg	1.25	NA	96.8	80-120	NA	NA	
1,1,2-Trichloroethane	1.26	0.050	0.010	mg/kg	1.25	NA	101	80-120	NA	NA	
1,1,2-Trichlorotrifluoroethane	1.45	0.050	0.0058	mg/kg	1.25	NA	116	80-120	NA	NA	
1,1-Dichloroethane	1.16	0.050	0.0027	mg/kg	1.25	NA	92.8	80-120	NA	NA	
1,1-Dichloroethene	1.36	0.050	0.0043	mg/kg	1.25	NA	109	80-120	NA	NA	
1,1-Dichloropropene	1.23	0.050	0.0037	mg/kg	1.25	NA	98.4	80-120	NA	NA	
1,2,3-Trichlorobenzene	1.32	0.050	0.0055	mg/kg	1.25	NA	106	80-120	NA	NA	
1,2,3-Trichloropropane	1.30	0.050	0.015	mg/kg	1.25	NA	104	80-120	NA	NA	
1,2,4-Trichlorobenzene	1.27	0.050	0.0072	mg/kg	1.25	NA	102	80-120	NA	NA	
1,2,4-Trimethylbenzene	1.22	0.050	0.0035	mg/kg	1.25	NA	97.6	80-120	NA	NA	
1,2-Dibromo-3-chloropropane	1.23	0.050	0.020	mg/kg	1.25	NA	98.4	80-120	NA	NA	
1,2-Dibromoethane	1.36	0.050	0.0032	mg/kg	1.25	NA	109	80-120	NA	NA	
1,2-Dichlorobenzene	1.22	0.050	0.0059	mg/kg	1.25	NA	97.6	80-120	NA	NA	
1,2-Dichloroethane	1.15	0.050	0.0027	mg/kg	1.25	NA	92.0	80-120	NA	NA	
1,2-Dichloropropane	1.04	0.050	0.0025	mg/kg	1.25	NA	83.2	80-120	NA	NA	
1,3,5-Trimethylbenzene	1.21	0.050	0.0049	mg/kg	1.25	NA	96.8	80-120	NA	NA	
1,3-Dichlorobenzene	1.24	0.050	0.0042	mg/kg	1.25	NA	99.2	80-120	NA	NA	
1,3-Dichloropropane	1.23	0.050	0.0063	mg/kg	1.25	NA	98.4	80-120	NA	NA	
1,4-Dichlorobenzene	1.24	0.050	0.0060	mg/kg	1.25	NA	99.2	80-120	NA	NA	
2,2-Dichloropropane	1.30	0.050	0.0052	mg/kg	1.25	NA	104	80-120	NA	NA	
2-Butanone (MEK)	1.07	0.50	0.066	mg/kg	1.25	NA	85.6	80-120	NA	NA	
2-Chlorotoluene	1.24	0.050	0.0097	mg/kg	1.25	NA	99.2	80-120	NA	NA	
4-Chlorotoluene	1.24	0.050	0.0066	mg/kg	1.25	NA	99.2	80-120	NA	NA	
4-Isopropyltoluene	1.28	0.050	0.0029	mg/kg	1.25	NA	102	80-120	NA	NA	
Acetone	1.10	1.0	0.077	mg/kg	1.25	NA	88.0	80-120	NA	NA	
Allyl Chloride	1.25	0.050	0.013	mg/kg	1.25	NA	100	80-120	NA	NA	
Benzene	1.14	0.050	0.0022	mg/kg	1.25	NA	91.2	80-120	NA	NA	
Bromobenzene	1.19	0.050	0.0074	mg/kg	1.25	NA	95.2	80-120	NA	NA	
Bromochloromethane	1.38	0.050	0.011	mg/kg	1.25	NA	110	80-120	NA	NA	
Bromodichloromethane	1.20	0.050	0.0053	mg/kg	1.25	NA	96.0	80-120	NA	NA	
Bromoform	1.32	0.25	0.0064	mg/kg	1.25	NA	106	80-120	NA	NA	
Bromomethane	1.33	0.050	0.0068	mg/kg	1.25	NA	106	80-120	NA	NA	
Carbon Tetrachloride	1.31	0.050	0.0028	mg/kg	1.25	NA	105	80-120	NA	NA	
Chlorobenzene	1.39	0.050	0.0021	mg/kg	1.25	NA	111	80-120	NA	NA	
Chlorodibromomethane	1.50	0.050	0.0015	mg/kg	1.25	NA	120	80-120	NA	NA	
Chloroethane	1.27	0.050	0.0056	mg/kg	1.25	NA	102	80-120	NA	NA	
Chloroform	1.25	0.050	0.0058	mg/kg	1.25	NA	100	80-120	NA	NA	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506265
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0094 - EPA 5035

Laboratory Control Sample (B5L0094-BS1) Prepared & Analyzed: 12/05/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	1.14	0.050	0.010	mg/kg	1.25	NA	91.2	80-120	NA	NA	
cis-1,2-Dichloroethene	1.29	0.050	0.0052	mg/kg	1.25	NA	103	80-120	NA	NA	
cis-1,3-Dichloropropene	1.14	0.050	0.0020	mg/kg	1.25	NA	91.2	80-120	NA	NA	
Dibromomethane	1.13	0.050	0.010	mg/kg	1.25	NA	90.4	80-120	NA	NA	
Dichlorodifluoromethane	1.06	0.050	0.0063	mg/kg	1.25	NA	84.8	80-120	NA	NA	
Dichlorofluoromethane	1.26	0.050	0.0052	mg/kg	1.25	NA	101	80-120	NA	NA	
Ethyl Ether	1.20	0.050	0.015	mg/kg	1.25	NA	96.0	80-120	NA	NA	
Ethylbenzene	1.36	0.050	0.0053	mg/kg	1.25	NA	109	80-120	NA	NA	
Hexachlorobutadiene	1.22	0.10	0.012	mg/kg	1.25	NA	97.6	80-120	NA	NA	
Isopropylbenzene	1.41	0.050	0.0032	mg/kg	1.25	NA	113	80-120	NA	NA	
m,p-Xylenes	2.75	0.050	0.0063	mg/kg	2.50	NA	110	80-120	NA	NA	
Methyl Isobutyl Ketone	0.969	0.25	0.021	mg/kg	1.25	NA	77.5	80-120	NA	NA	
Methylene chloride	1.22	0.25	0.032	mg/kg	1.25	NA	97.6	80-120	NA	NA	
Methyl-t-butyl ether	1.20	0.050	0.0060	mg/kg	1.25	NA	96.0	80-120	NA	NA	
Naphthalene	1.29	0.050	0.0050	mg/kg	1.25	NA	103	80-120	NA	NA	
n-Butylbenzene	1.18	0.050	0.0061	mg/kg	1.25	NA	94.4	80-120	NA	NA	
n-Propylbenzene	1.24	0.050	0.0052	mg/kg	1.25	NA	99.2	80-120	NA	NA	
o-Xylene	1.39	0.050	0.0070	mg/kg	1.25	NA	111	80-120	NA	NA	
sec-Butylbenzene	1.24	0.050	0.0021	mg/kg	1.25	NA	99.2	80-120	NA	NA	
Styrene	1.40	0.050	0.0023	mg/kg	1.25	NA	112	80-120	NA	NA	
tert-Butylbenzene	1.25	0.050	0.0051	mg/kg	1.25	NA	100	80-120	NA	NA	
Tetrachloroethene	1.39	0.10	0.0095	mg/kg	1.25	NA	111	80-120	NA	NA	
Tetrahydrofuran	0.839	0.25	0.058	mg/kg	1.25	NA	67.1	80-120	NA	NA	
Toluene	1.27	0.050	0.0086	mg/kg	1.25	NA	102	80-120	NA	NA	
trans-1,2-Dichloroethene	1.32	0.050	0.0068	mg/kg	1.25	NA	106	80-120	NA	NA	
trans-1,3-Dichloropropene	1.15	0.050	0.0059	mg/kg	1.25	NA	92.0	80-120	NA	NA	
Trichloroethene	1.31	0.050	0.0037	mg/kg	1.25	NA	105	80-120	NA	NA	
Trichlorofluoromethane	1.34	0.050	0.0095	mg/kg	1.25	NA	107	80-120	NA	NA	
Vinyl chloride	1.21	0.050	0.012	mg/kg	1.25	NA	96.8	80-120	NA	NA	
Surrogate: 1,2-Dichloroethane-d4	*23.0*			ug/L	*25.0*	*NA*	*92.0*	*81-127*			
Surrogate: 4-Bromofluorobenzene	*28.4*			ug/L	*25.0*	*NA*	*114*	*74-117*			
Surrogate: Dibromofluoromethane	*26.5*			ug/L	*25.0*	*NA*	*106*	*79-127*			
Surrogate: Toluene-d8	*26.4*			ug/L	*25.0*	*NA*	*106*	*82-115*			

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Service Engineering Group	Client Ref:05500	Work Order #: 0506265
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0094 - EPA 5035

Laboratory Control Sample Duplicate (B5L0094-BSD1) Prepared & Analyzed: 12/05/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	1.47	0.050	0.0071	mg/kg	1.25	NA	118	80-120	1.37	20	
1,1,1-Trichloroethane	1.33	0.050	0.0030	mg/kg	1.25	NA	106	80-120	0.755	20	
1,1,2,2-Tetrachloroethane	1.24	0.050	0.012	mg/kg	1.25	NA	99.2	80-120	2.45	20	
1,1,2-Trichloroethane	1.25	0.050	0.010	mg/kg	1.25	NA	100	80-120	0.797	20	
1,1,2-Trichlorotrifluoroethane	1.46	0.050	0.0058	mg/kg	1.25	NA	117	80-120	0.687	20	
1,1-Dichloroethane	1.20	0.050	0.0027	mg/kg	1.25	NA	96.0	80-120	3.39	20	
1,1-Dichloroethene	1.39	0.050	0.0043	mg/kg	1.25	NA	111	80-120	2.18	20	
1,1-Dichloropropene	1.25	0.050	0.0037	mg/kg	1.25	NA	100	80-120	1.61	20	
1,2,3-Trichlorobenzene	1.37	0.050	0.0055	mg/kg	1.25	NA	110	80-120	3.72	20	
1,2,3-Trichloropropane	1.32	0.050	0.015	mg/kg	1.25	NA	106	80-120	1.53	20	
1,2,4-Trichlorobenzene	1.30	0.050	0.0072	mg/kg	1.25	NA	104	80-120	2.33	20	
1,2,4-Trimethylbenzene	1.26	0.050	0.0035	mg/kg	1.25	NA	101	80-120	3.23	20	
1,2-Dibromo-3-chloropropane	1.28	0.050	0.020	mg/kg	1.25	NA	102	80-120	3.98	20	
1,2-Dibromoethane	1.36	0.050	0.0032	mg/kg	1.25	NA	109	80-120	0.00	20	
1,2-Dichlorobenzene	1.26	0.050	0.0059	mg/kg	1.25	NA	101	80-120	3.23	20	
1,2-Dichloroethane	1.18	0.050	0.0027	mg/kg	1.25	NA	94.4	80-120	2.58	20	
1,2-Dichloropropane	1.05	0.050	0.0025	mg/kg	1.25	NA	84.0	80-120	0.957	20	
1,3,5-Trimethylbenzene	1.25	0.050	0.0049	mg/kg	1.25	NA	100	80-120	3.25	20	
1,3-Dichlorobenzene	1.27	0.050	0.0042	mg/kg	1.25	NA	102	80-120	2.39	20	
1,3-Dichloropropane	1.24	0.050	0.0063	mg/kg	1.25	NA	99.2	80-120	0.810	20	
1,4-Dichlorobenzene	1.27	0.050	0.0060	mg/kg	1.25	NA	102	80-120	2.39	20	
2,2-Dichloropropane	1.31	0.050	0.0052	mg/kg	1.25	NA	105	80-120	0.766	20	
2-Butanone (MEK)	1.11	0.50	0.066	mg/kg	1.25	NA	88.8	80-120	3.67	20	
2-Chlorotoluene	1.27	0.050	0.0097	mg/kg	1.25	NA	102	80-120	2.39	20	
4-Chlorotoluene	1.26	0.050	0.0066	mg/kg	1.25	NA	101	80-120	1.60	20	
4-Isopropyltoluene	1.31	0.050	0.0029	mg/kg	1.25	NA	105	80-120	2.32	20	
Acetone	1.08	1.0	0.077	mg/kg	1.25	NA	86.4	80-120	1.83	20	
Allyl Chloride	1.26	0.050	0.013	mg/kg	1.25	NA	101	80-120	0.797	20	
Benzene	1.15	0.050	0.0022	mg/kg	1.25	NA	92.0	80-120	0.873	20	
Bromobenzene	1.23	0.050	0.0074	mg/kg	1.25	NA	98.4	80-120	3.31	20	
Bromochloromethane	1.42	0.050	0.011	mg/kg	1.25	NA	114	80-120	2.86	20	
Bromodichloromethane	1.20	0.050	0.0053	mg/kg	1.25	NA	96.0	80-120	0.00	20	
Bromoform	1.31	0.25	0.0064	mg/kg	1.25	NA	105	80-120	0.760	20	
Bromomethane	1.37	0.050	0.0068	mg/kg	1.25	NA	110	80-120	2.96	20	
Carbon Tetrachloride	1.30	0.050	0.0028	mg/kg	1.25	NA	104	80-120	0.766	20	
Chlorobenzene	1.42	0.050	0.0021	mg/kg	1.25	NA	114	80-120	2.14	20	
Chlorodibromomethane	1.51	0.050	0.0015	mg/kg	1.25	NA	121	80-120	0.664	20	
Chloroethane	1.24	0.050	0.0056	mg/kg	1.25	NA	99.2	80-120	2.39	20	
Chloroform	1.26	0.050	0.0058	mg/kg	1.25	NA	101	80-120	0.797	20	

The results in this report apply only to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Service Engineering Group	Client Ref:05500	Work Order #: 0506265
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0094 - EPA 5035

Laboratory Control Sample Duplicate (B5L0094-BSD1) Prepared & Analyzed: 12/05/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	1.15	0.050	0.010	mg/kg	1.25	NA	92.0	80-120	0.873	20	
cis-1,2-Dichloroethene	1.32	0.050	0.0052	mg/kg	1.25	NA	106	80-120	2.30	20	
cis-1,3-Dichloropropene	1.16	0.050	0.0020	mg/kg	1.25	NA	92.8	80-120	1.74	20	
Dibromomethane	1.14	0.050	0.010	mg/kg	1.25	NA	91.2	80-120	0.881	20	
Dichlorodifluoromethane	1.01	0.050	0.0063	mg/kg	1.25	NA	80.8	80-120	4.83	20	
Dichlorofluoromethane	1.24	0.050	0.0052	mg/kg	1.25	NA	99.2	80-120	1.60	20	
Ethyl Ether	1.19	0.050	0.015	mg/kg	1.25	NA	95.2	80-120	0.837	20	
Ethylbenzene	1.36	0.050	0.0053	mg/kg	1.25	NA	109	80-120	0.00	20	
Hexachlorobutadiene	1.29	0.10	0.012	mg/kg	1.25	NA	103	80-120	5.58	20	
Isopropylbenzene	1.40	0.050	0.0032	mg/kg	1.25	NA	112	80-120	0.712	20	
m,p-Xylenes	2.75	0.050	0.0063	mg/kg	2.50	NA	110	80-120	0.00	20	
Methyl Isobutyl Ketone	0.976	0.25	0.021	mg/kg	1.25	NA	78.1	80-120	0.720	20	
Methylene chloride	1.23	0.25	0.032	mg/kg	1.25	NA	98.4	80-120	0.816	20	
Methyl-t-butyl ether	1.21	0.050	0.0060	mg/kg	1.25	NA	96.8	80-120	0.830	20	
Naphthalene	1.34	0.050	0.0050	mg/kg	1.25	NA	107	80-120	3.80	20	
n-Butylbenzene	1.22	0.050	0.0061	mg/kg	1.25	NA	97.6	80-120	3.33	20	
n-Propylbenzene	1.28	0.050	0.0052	mg/kg	1.25	NA	102	80-120	3.17	20	
o-Xylene	1.38	0.050	0.0070	mg/kg	1.25	NA	110	80-120	0.722	20	
sec-Butylbenzene	1.27	0.050	0.0021	mg/kg	1.25	NA	102	80-120	2.39	20	
Styrene	1.41	0.050	0.0023	mg/kg	1.25	NA	113	80-120	0.712	20	
tert-Butylbenzene	1.28	0.050	0.0051	mg/kg	1.25	NA	102	80-120	2.37	20	
Tetrachloroethene	1.40	0.10	0.0095	mg/kg	1.25	NA	112	80-120	0.717	20	
Tetrahydrofuran	0.870	0.25	0.058	mg/kg	1.25	NA	69.6	80-120	3.63	20	
Toluene	1.28	0.050	0.0086	mg/kg	1.25	NA	102	80-120	0.784	20	
trans-1,2-Dichloroethene	1.32	0.050	0.0068	mg/kg	1.25	NA	106	80-120	0.00	20	
trans-1,3-Dichloropropene	1.17	0.050	0.0059	mg/kg	1.25	NA	93.6	80-120	1.72	20	
Trichloroethene	1.32	0.050	0.0037	mg/kg	1.25	NA	106	80-120	0.760	20	
Trichlorofluoromethane	1.31	0.050	0.0095	mg/kg	1.25	NA	105	80-120	2.26	20	
Vinyl chloride	1.16	0.050	0.012	mg/kg	1.25	NA	92.8	80-120	4.22	20	
Surrogate: 1,2-Dichloroethane-d4	*22.8*			ug/L	*25.0*	*NA*	*91.2*	*81-127*			
Surrogate: 4-Bromofluorobenzene	*27.9*			ug/L	*25.0*	*NA*	*112*	*74-117*			
Surrogate: Dibromofluoromethane	*26.5*			ug/L	*25.0*	*NA*	*106*	*79-127*			
Surrogate: Toluene-d8	*26.5*			ug/L	*25.0*	*NA*	*106*	*82-115*			

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Service Engineering Group	Client Ref:05500	Work Order #: 0506265
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0098 - EPA 5030B

Method Blank (B5L0098-BLK1) Prepared: 12/05/05 Analyzed: 12/06/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
1,1,1-Trichloroethane	ND	1.0	0.050	ug/L	NA	NA	NA	NA	NA	NA	
1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/L	NA	NA	NA	NA	NA	NA	
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
1,1,2-Trichlorotrifluoroethane	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
1,1-Dichloroethane	ND	1.0	0.053	ug/L	NA	NA	NA	NA	NA	NA	
1,1-Dichloroethene	ND	1.0	0.085	ug/L	NA	NA	NA	NA	NA	NA	
1,1-Dichloropropene	ND	1.0	0.073	ug/L	NA	NA	NA	NA	NA	NA	
1,2,3-Trichlorobenzene	ND	1.0	0.11	ug/L	NA	NA	NA	NA	NA	NA	
1,2,3-Trichloropropane	ND	1.0	0.30	ug/L	NA	NA	NA	NA	NA	NA	
1,2,4-Trichlorobenzene	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
1,2,4-Trimethylbenzene	ND	1.0	0.071	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dibromo-3-chloropropane	ND	1.0	0.41	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dibromoethane	ND	1.0	0.064	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichloroethane	ND	1.0	0.053	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichloropropane	ND	1.0	0.050	ug/L	NA	NA	NA	NA	NA	NA	
1,3,5-Trimethylbenzene	ND	1.0	0.097	ug/L	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	ND	1.0	0.083	ug/L	NA	NA	NA	NA	NA	NA	
1,3-Dichloropropane	ND	1.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
2,2-Dichloropropane	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
2-Butanone (MEK)	ND	10	1.3	ug/L	NA	NA	NA	NA	NA	NA	
2-Chlorotoluene	ND	1.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
4-Chlorotoluene	ND	1.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
4-Isopropyltoluene	ND	1.0	0.058	ug/L	NA	NA	NA	NA	NA	NA	
Acetone	ND	20	1.5	ug/L	NA	NA	NA	NA	NA	NA	
Allyl Chloride	ND	1.0	0.26	ug/L	NA	NA	NA	NA	NA	NA	
Benzene	ND	1.0	0.045	ug/L	NA	NA	NA	NA	NA	NA	
Bromobenzene	ND	1.0	0.15	ug/L	NA	NA	NA	NA	NA	NA	
Bromochloromethane	ND	1.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Bromodichloromethane	ND	1.0	0.11	ug/L	NA	NA	NA	NA	NA	NA	
Bromoform	ND	5.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
Bromomethane	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
Carbon Tetrachloride	ND	1.0	0.057	ug/L	NA	NA	NA	NA	NA	NA	
Chlorobenzene	ND	1.0	0.042	ug/L	NA	NA	NA	NA	NA	NA	
Chlorodibromomethane	ND	1.0	0.028	ug/L	NA	NA	NA	NA	NA	NA	
Chloroethane	ND	1.0	0.11	ug/L	NA	NA	NA	NA	NA	NA	
Chloroform	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	

The results in this report apply only to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:05500	Work Order #: 0506265
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0098 - EPA 5030B

Method Blank (B5L0098-BLK1) Prepared: 12/05/05 Analyzed: 12/06/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	ND	1.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
cis-1,2-Dichloroethene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
cis-1,3-Dichloropropene	ND	1.0	0.041	ug/L	NA	NA	NA	NA	NA	NA	
Dibromomethane	ND	1.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
Dichlorodifluoromethane	ND	1.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
Dichlorofluoromethane	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
Ethyl Ether	ND	1.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
Ethylbenzene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorobutadiene	ND	2.0	0.24	ug/L	NA	NA	NA	NA	NA	NA	
Isopropylbenzene	ND	1.0	0.064	ug/L	NA	NA	NA	NA	NA	NA	
m,p-Xylenes	ND	1.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
Methyl Isobutyl Ketone	ND	5.0	0.42	ug/L	NA	NA	NA	NA	NA	NA	
Methylene chloride	ND	5.0	0.63	ug/L	NA	NA	NA	NA	NA	NA	
Methyl-t-butyl ether	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
Naphthalene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
n-Butylbenzene	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
n-Propylbenzene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
o-Xylene	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
sec-Butylbenzene	ND	1.0	0.042	ug/L	NA	NA	NA	NA	NA	NA	
Styrene	ND	1.0	0.047	ug/L	NA	NA	NA	NA	NA	NA	
tert-Butylbenzene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
Tetrachloroethene	ND	2.0	0.19	ug/L	NA	NA	NA	NA	NA	NA	
Tetrahydrofuran	ND	5.0	1.2	ug/L	NA	NA	NA	NA	NA	NA	
Toluene	ND	1.0	0.17	ug/L	NA	NA	NA	NA	NA	NA	
trans-1,2-Dichloroethene	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
trans-1,3-Dichloropropene	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
Trichloroethene	ND	1.0	0.073	ug/L	NA	NA	NA	NA	NA	NA	
Trichlorofluoromethane	ND	1.0	0.19	ug/L	NA	NA	NA	NA	NA	NA	
Vinyl chloride	ND	1.0	0.25	ug/L	NA	NA	NA	NA	NA	NA	
Surrogate: 1,2-Dichloroethane-d4	*23.0*			ug/L	*25.0*	*NA*	*92.0*	*82-128*			
Surrogate: 4-Bromofluorobenzene	*27.8*			ug/L	*25.0*	*NA*	*111*	*76-119*			
Surrogate: Dibromofluoromethane	*25.7*			ug/L	*25.0*	*NA*	*103*	*79-127*			
Surrogate: Toluene-d8	*26.7*			ug/L	*25.0*	*NA*	*107*	*82-116*			

BRAUN INTERTEC

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Service Engineering Group	Client Ref:05500	Work Order #: 0506265
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0098 - EPA 5030B

Laboratory Control Sample (B5L0098-BS1) Prepared: 12/05/05 Analyzed: 12/06/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	29.2	1.0	0.14	ug/L	25.0	NA	117	80-120	NA	NA	
1,1,1-Trichloroethane	26.9	1.0	0.050	ug/L	25.0	NA	108	80-120	NA	NA	
1,1,2,2-Tetrachloroethane	24.8	1.0	0.23	ug/L	25.0	NA	99.2	80-120	NA	NA	
1,1,2-Trichloroethane	25.0	1.0	0.20	ug/L	25.0	NA	100	80-120	NA	NA	
1,1,2-Trichlorotrifluoroethane	29.6	1.0	0.12	ug/L	25.0	NA	118	80-120	NA	NA	
1,1-Dichloroethane	23.8	1.0	0.053	ug/L	25.0	NA	95.2	80-120	NA	NA	
1,1-Dichloroethene	27.0	1.0	0.085	ug/L	25.0	NA	108	80-120	NA	NA	
1,1-Dichloropropene	24.5	1.0	0.073	ug/L	25.0	NA	98.0	80-120	NA	NA	
1,2,3-Trichlorobenzene	26.1	1.0	0.11	ug/L	25.0	NA	104	80-120	NA	NA	
1,2,3-Trichloropropane	26.8	1.0	0.30	ug/L	25.0	NA	107	80-120	NA	NA	
1,2,4-Trichlorobenzene	25.0	1.0	0.14	ug/L	25.0	NA	100	80-120	NA	NA	
1,2,4-Trimethylbenzene	24.2	1.0	0.071	ug/L	25.0	NA	96.8	80-120	NA	NA	
1,2-Dibromo-3-chloropropane	25.1	1.0	0.41	ug/L	25.0	NA	100	80-120	NA	NA	
1,2-Dibromoethane	27.3	1.0	0.064	ug/L	25.0	NA	109	80-120	NA	NA	
1,2-Dichlorobenzene	24.6	1.0	0.12	ug/L	25.0	NA	98.4	80-120	NA	NA	
1,2-Dichloroethane	24.2	1.0	0.053	ug/L	25.0	NA	96.8	80-120	NA	NA	
1,2-Dichloropropane	20.7	1.0	0.050	ug/L	25.0	NA	82.8	80-120	NA	NA	
1,3,5-Trimethylbenzene	24.1	1.0	0.097	ug/L	25.0	NA	96.4	80-120	NA	NA	
1,3-Dichlorobenzene	24.7	1.0	0.083	ug/L	25.0	NA	98.8	80-120	NA	NA	
1,3-Dichloropropane	24.4	1.0	0.13	ug/L	25.0	NA	97.6	80-120	NA	NA	
1,4-Dichlorobenzene	24.7	1.0	0.12	ug/L	25.0	NA	98.8	80-120	NA	NA	
2,2-Dichloropropane	26.1	1.0	0.10	ug/L	25.0	NA	104	80-120	NA	NA	
2-Butanone (MEK)	27.0	10	1.3	ug/L	25.0	NA	108	80-120	NA	NA	
2-Chlorotoluene	24.4	1.0	0.20	ug/L	25.0	NA	97.6	80-120	NA	NA	
4-Chlorotoluene	24.4	1.0	0.13	ug/L	25.0	NA	97.6	80-120	NA	NA	
4-Isopropyltoluene	25.4	1.0	0.058	ug/L	25.0	NA	102	80-120	NA	NA	
Acetone	32.5	20	1.5	ug/L	25.0	NA	130	80-120	NA	NA	
Allyl Chloride	24.6	1.0	0.26	ug/L	25.0	NA	98.4	80-120	NA	NA	
Benzene	22.6	1.0	0.045	ug/L	25.0	NA	90.4	80-120	NA	NA	
Bromobenzene	24.3	1.0	0.15	ug/L	25.0	NA	97.2	80-120	NA	NA	
Bromochloromethane	28.2	1.0	0.21	ug/L	25.0	NA	113	80-120	NA	NA	
Bromodichloromethane	24.3	1.0	0.11	ug/L	25.0	NA	97.2	80-120	NA	NA	
Bromoform	26.2	5.0	0.13	ug/L	25.0	NA	105	80-120	NA	NA	
Bromomethane	24.4	1.0	0.14	ug/L	25.0	NA	97.6	80-120	NA	NA	
Carbon Tetrachloride	27.0	1.0	0.057	ug/L	25.0	NA	108	80-120	NA	NA	
Chlorobenzene	28.1	1.0	0.042	ug/L	25.0	NA	112	80-120	NA	NA	
Chlorodibromomethane	30.5	1.0	0.028	ug/L	25.0	NA	122	80-120	NA	NA	
Chloroethane	24.3	1.0	0.11	ug/L	25.0	NA	97.2	80-120	NA	NA	
Chloroform	25.7	1.0	0.12	ug/L	25.0	NA	103	80-120	NA	NA	

BRAUN INTERTEC

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Service Engineering Group	Client Ref:05500	Work Order #: 0506265
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0098 - EPA 5030B

Laboratory Control Sample (B5L0098-BS1) Prepared: 12/05/05 Analyzed: 12/06/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	20.5	1.0	0.20	ug/L	25.0	NA	82.0	80-120	NA	NA	
cis-1,2-Dichloroethene	26.7	1.0	0.10	ug/L	25.0	NA	107	80-120	NA	NA	
cis-1,3-Dichloropropene	22.8	1.0	0.041	ug/L	25.0	NA	91.2	80-120	NA	NA	
Dibromomethane	23.2	1.0	0.20	ug/L	25.0	NA	92.8	80-120	NA	NA	
Dichlorodifluoromethane	19.7	1.0	0.13	ug/L	25.0	NA	78.8	80-120	NA	NA	
Dichlorofluoromethane	25.5	1.0	0.10	ug/L	25.0	NA	102	80-120	NA	NA	
Ethyl Ether	24.7	1.0	0.31	ug/L	25.0	NA	98.8	80-120	NA	NA	
Ethylbenzene	26.6	1.0	0.10	ug/L	25.0	NA	106	80-120	NA	NA	
Hexachlorobutadiene	24.4	2.0	0.24	ug/L	25.0	NA	97.6	80-120	NA	NA	
Isopropylbenzene	27.7	1.0	0.064	ug/L	25.0	NA	111	80-120	NA	NA	
m,p-Xylenes	54.1	1.0	0.13	ug/L	50.0	NA	108	80-120	NA	NA	
Methyl Isobutyl Ketone	20.1	5.0	0.42	ug/L	25.0	NA	80.4	80-120	NA	NA	
Methylene chloride	24.8	5.0	0.63	ug/L	25.0	NA	99.2	80-120	NA	NA	
Methyl-t-butyl ether	24.5	1.0	0.12	ug/L	25.0	NA	98.0	80-120	NA	NA	
Naphthalene	25.8	1.0	0.10	ug/L	25.0	NA	103	80-120	NA	NA	
n-Butylbenzene	23.3	1.0	0.12	ug/L	25.0	NA	93.2	80-120	NA	NA	
n-Propylbenzene	24.5	1.0	0.10	ug/L	25.0	NA	98.0	80-120	NA	NA	
o-Xylene	27.3	1.0	0.14	ug/L	25.0	NA	109	80-120	NA	NA	
sec-Butylbenzene	24.4	1.0	0.042	ug/L	25.0	NA	97.6	80-120	NA	NA	
Styrene	27.8	1.0	0.047	ug/L	25.0	NA	111	80-120	NA	NA	
tert-Butylbenzene	24.8	1.0	0.10	ug/L	25.0	NA	99.2	80-120	NA	NA	
Tetrachloroethene	29.3	2.0	0.19	ug/L	25.0	NA	117	80-120	NA	NA	
Tetrahydrofuran	17.6	5.0	1.2	ug/L	25.0	NA	70.4	80-120	NA	NA	
Toluene	25.2	1.0	0.17	ug/L	25.0	NA	101	80-120	NA	NA	
trans-1,2-Dichloroethene	26.5	1.0	0.14	ug/L	25.0	NA	106	80-120	NA	NA	
trans-1,3-Dichloropropene	23.3	1.0	0.12	ug/L	25.0	NA	93.2	80-120	NA	NA	
Trichloroethene	26.5	1.0	0.073	ug/L	25.0	NA	106	80-120	NA	NA	
Trichlorofluoromethane	25.8	1.0	0.19	ug/L	25.0	NA	103	80-120	NA	NA	
Vinyl chloride	22.4	1.0	0.25	ug/L	25.0	NA	89.6	80-120	NA	NA	
Surrogate: 1,2-Dichloroethane-d4	*23.3*			ug/L	*25.0*	*NA*	*93.2*	*82-128*			
Surrogate: 4-Bromofluorobenzene	*28.1*			ug/L	*25.0*	*NA*	*112*	*76-119*			
Surrogate: Dibromofluoromethane	*27.4*			ug/L	*25.0*	*NA*	*110*	*79-127*			
Surrogate: Toluene-d8	*26.3*			ug/L	*25.0*	*NA*	*105*	*82-116*			

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
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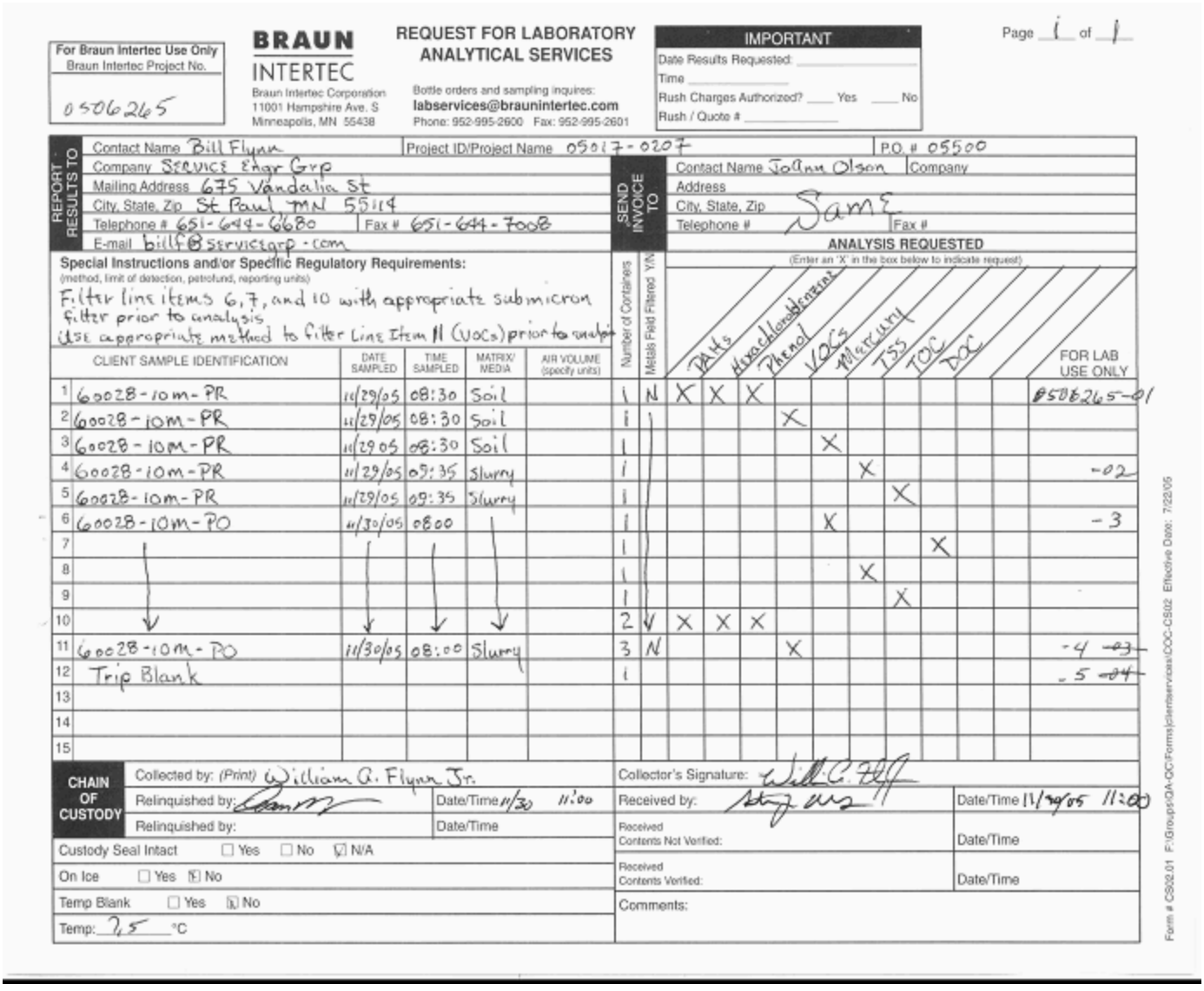
Service Engineering Group	Client Ref:05500	Work Order #: 0506265
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003



BRAUN INTERTEC

REQUEST FOR LABORATORY ANALYTICAL SERVICES

Page 1 of 1

For Braun Intertec Use Only — Braun Intertec Project No.: 0506265

Braun Intertec Corporation, 11001 Hampshire Ave. S, Minneapolis, MN 55438

Bottle orders and sampling inquires: labservices@brauntintertec.com, Phone: 952-995-2600 Fax: 952-995-2601

IMPORTANT
Date Results Requested:
Time
Rush Charges Authorized? ____ Yes ____ No
Rush / Quote #

REPORT RESULTS TO
Contact Name: Bill Flynn | Project ID/Project Name: 05017-0207 | P.O. # 05500
Company: Service Engr Grp
Mailing Address: 675 Vandalia St
City, State, Zip: St Paul MN 55114
Telephone #: 651-644-6680 | Fax #: 651-644-7008
E-mail: billf@servicegrp.com

SEND INVOICE TO
Contact Name: JoAnn Olson | Company
Address
City, State, Zip: Same
Telephone # | Fax #

Special Instructions and/or Specific Regulatory Requirements:
(method, limit of detection, petrofund, reporting units)
Filter lins items 6, 7, and 10 with appropriate submicron filter prior to analysis
Use appropriate method to filter Line Item 11 (VOCs) prior to analysis

ANALYSIS REQUESTED
(Enter an 'X' in the box below to indicate request)

	CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)	Number of Containers	Metals Field Filtered Y/N	PAHs	Hexachlorobenzene	Phenol	VOCs	Mercury	TSS	TOC	DOC			FOR LAB USE ONLY
1	60028-10m-PR	11/29/05	08:30	Soil		1	N	X	X	X								0506265-01
2	60028-10M-PR	11/29/05	08:30	Soil		1					X							
3	60028-10M-PR	11/29 05	08:30	Soil		1						X						
4	60028-10m-PR	11/29/05	09:35	Slurry		1							X					-02
5	60028-10m-PR	11/29/05	09:35	Slurry		1								X				
6	60028-10M-PO	11/30/05	0800			1					X							-3
7	↓	↓	↓	↓		1									X			
8						1							X					
9						1								X				
10	↓	↓	↓	↓		2	Y	X	X	X								
11	60028-10M-PO	11/30/05	08:00	Slurry		3	N				X							-4 ~~-03~~
12	Trip Blank					1												-5 ~~-04~~
13																		
14																		
15																		

CHAIN OF CUSTODY
Collected by: (Print) William A. Flynn Jr. | Collector's Signature: William A. Flynn
Relinquished by: | Date/Time 11/30 11:00 | Received by: | Date/Time 11/30/05 11:00
Relinquished by: | Date/Time | Received Contents Not Verified: | Date/Time
Custody Seal Intact ☐ Yes ☐ No ☑ N/A | Received Contents Verified: | Date/Time
On Ice ☐ Yes ☒ No
Temp Blank ☐ Yes ☒ No | Comments:
Temp: 7.5 °C

Form # CS02.01 F:\Groups\QA-QC\Forms\clientservices\COC-CS02 Effective Date: 7/22/05

BRAUN INTERTEC

Braun Intertec Corporation
11001 Hampshire Avenue S
Minneapolis, MN 55438

Phone: 952.995.2000
Fax: 952.995.2020
Web: brauninterlec.com

Mr. Bill Flynn
Service Engineering Group
675 Vandalia Street
St. Paul, MN 55114-1312

December 21, 2005

Work Order #: 0506276

RE: 05500

Dear Mr. Bill Flynn

Braun Intertec Corporation received samples for the project identified above on 12/01/05 12:45. Analytical results are summarized in the following report.

All routine quality assurance procedures were followed, unless otherwise noted.

Where possible, the samples will be retained by the laboratory for 14 days following issuance of the initial final report. The samples will be disposed of or returned at that time.

We appreciate your decision to use Braun Intertec Corporation for this project. We are committed to being your vendor of choice to meet your analytical chemistry needs.

If you have any questions please contact me at the above phone number.

Sincerely,
BRAUN INTERTEC CORPORATION

Steven J. Albrecht
Associate Principal

AIHA Environmental Lead and Industrial Hygiene ACCREDITED LABORATORY
AIHA 101103

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:	05500	Work Order #:	0506276
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

Qualifiers and Abbreviations

ir	The recovery study yielded results of <75%. Per the NIOSH Manual of Analytical Methods, the result is considered semi-quantitative.
io	The result was corrected for method blank concentrations.
ia	The back section of the sample tube contained greater than 10 percent of the amount collected on the front section. This indicates possible analyte breakthrough (loss) during field sampling.
A1	The Laboratory Control Spike Duplicate was outside of laboratory limits. The LCSD recovery was 123%. The results may be biased high.
COC	Chain of Custody
MRL	Method Reporting Limit
ppm	Parts per million in Air
NA	Not Applicable
NR	Not Reported
%Rec	Percent Recovery
RPD	Relative Percent Difference

BRAUN INTERTEC

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506276
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

SAMPLE SUMMARY

Sample ID	Laboratory ID	Matrix	Air Volume (L) / Time (Min)	Date Sampled	Date Received
60028-10Q-(0-2)	0506276-01	Air Tube	300	11/30/05 11:47	12/01/05 12:45
60028-10Q-(0-2)	0506276-02	Air Tube	301.2	11/30/05 11:47	12/01/05 12:45
60028-10Q-(0-2)	0506276-03	Air	303.6	11/30/05 11:47	12/01/05 12:45
60028-10Q-(0-2)	0506276-04	Air Tube	301.2	11/30/05 11:47	12/01/05 12:45
60028-10Q-(0-2)	0506276-05	Air Tube	304.8	11/30/05 11:47	12/01/05 12:45
60028-10Q-(2-6)	0506276-06	Air Tube	600	11/30/05 15:55	12/01/05 12:45
60028-10Q-(2-6)	0506276-07	Air Tube	602.4	11/30/05 15:55	12/01/05 12:45
60028-10Q-(2-6)	0506276-08	Air	607.2	11/30/05 15:55	12/01/05 12:45
60028-10Q-(2-6)	0506276-09	Air Tube	602.4	11/30/05 15:55	12/01/05 12:45
60028-10Q-(2-6)	0506276-10	Air Tube	609.6	11/30/05 15:55	12/01/05 12:45
60028-10Q-(6-22)	0506276-11	Air Tube	2400	12/01/05 07:51	12/01/05 12:45
60028-10Q-(6-22)	0506276-12	Air Tube	2410	12/01/05 07:51	12/01/05 12:45
60028-10Q-(6-22)	0506276-13	Air	2429	12/01/05 07:51	12/01/05 12:45
60028-10Q-(6-22)	0506276-14	Air Tube	2410	12/01/05 07:51	12/01/05 12:45
60028-10Q-(6-22)	0506276-15	Air Tube	2438	12/01/05 07:51	12/01/05 12:45

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Service Engineering Group	Client Ref: 05500	Work Order #: 0506276
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

60028-10Q-(0-2)

0506276-01 (Air Tube)

11/30/05 11:47

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
1,2,3-Trichlorobenzene	< 11.7	11.7	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
1,2,4-Trichlorobenzene	< 11.3	11.3	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
1,3,5-Trichlorobenzene	< 11.7	11.7	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
1,4-Dichlorobenzene	< 11.6	11.6	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
1,1,1-Trichloroethane	< 9.71	9.71	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
2-Ethoxyethyl Acetate	< 12.3	12.3	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Acetone	< 11.0	11.0	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Benzene	**8.70**	4.95	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Chlorobenzene	< 10.2	10.2	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Chloroform	**38.5**	10.2	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Ethanol	< 14.3	14.3	ug/m³	1	12/6/05	12/7/05	IHVOCS1	ir
Ethyl Acetate	< 10.2	10.2	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Ethyl Benzene	< 9.80	9.80	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Isobutanol	< 11.5	11.5	ug/m³	1	12/6/05	12/7/05	IHVOCS1	ir
Isopropanol	**22.6**	12.8	ug/m³	1	12/6/05	12/7/05	IHVOCS1	ir
Methyl Ethyl Ketone	< 11.2	11.2	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Methyl Isobutyl Ketone	< 10.2	10.2	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Methylene Chloride	< 9.80	9.80	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
n-Butyl Acetate	< 10.1	10.1	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
n-Hexane	**10.7**	9.71	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Stoddard Solvent	**181**	49.5	ug/m³	1	12/6/05	12/7/05	IHVOCS1	io
Styrene	< 13.0	13.0	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Tetrachloroethene	< 9.90	9.90	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Tetrahydrofuran	< 10.8	10.8	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Toluene	**25.8**	10.1	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
TPH as Gasoline	**295**	51.0	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Trichloroethene	< 10.0	10.0	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
VM&P Naphtha	< 48.1	48.1	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Xylenes, Total	**13.5**	10.0	ug/m³	1	12/6/05	12/7/05	IHVOCS1	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506276
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

60028-10Q-(0-2)

0506276-02 (Air Tube)

11/30/05 11:47

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Acenaphthene	< 3.67	3.67	ug/m³	1	12/8/05	12/8/05	NIOSH 5506	
Acenaphthylene	< 3.38	3.38	ug/m³	1	12/8/05	12/8/05	NIOSH 5506	
Anthracene	< 3.66	3.66	ug/m³	1	12/8/05	12/8/05	NIOSH 5506	
Benz(a)anthracene	< 3.96	3.96	ug/m³	1	12/8/05	12/8/05	NIOSH 5506	
Benzo(a)pyrene	< 4.19	4.19	ug/m³	1	12/8/05	12/8/05	NIOSH 5506	
Benzo(b)fluoranthene	< 4.14	4.14	ug/m³	1	12/8/05	12/8/05	NIOSH 5506	
Benzo(g,h,i)perylene	< 5.12	5.12	ug/m³	1	12/8/05	12/8/05	NIOSH 5506	
Benzo(k)fluoranthene	< 4.19	4.19	ug/m³	1	12/8/05	12/8/05	NIOSH 5506	
Chrysene	< 3.98	3.98	ug/m³	1	12/8/05	12/8/05	NIOSH 5506	
Dibenz(a,h)anthracene	< 4.27	4.27	ug/m³	1	12/8/05	12/8/05	NIOSH 5506	
Fluoranthene	< 3.79	3.79	ug/m³	1	12/8/05	12/8/05	NIOSH 5506	
Fluorene	< 3.60	3.60	ug/m³	1	12/8/05	12/8/05	NIOSH 5506	
Indeno(1,2,3-cd)pyrene	< 4.50	4.50	ug/m³	1	12/8/05	12/8/05	NIOSH 5506	
Naphthalene	< 3.68	3.68	ug/m³	1	12/8/05	12/8/05	NIOSH 5506	
Phenanthrene	< 3.68	3.68	ug/m³	1	12/8/05	12/8/05	NIOSH 5506	
Pyrene	< 3.85	3.85	ug/m³	1	12/8/05	12/8/05	NIOSH 5506	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506276
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

60028-10Q-(0-2)

0506276-03 (Air)

11/30/05 11:47

Metals

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Mercury	< 0.066	0.066	ug/m³	1	12/6/05	12/6/05	OSHA ID-145	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506276
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

60028-10Q-(0-2)

0506276-04 (Air Tube)

11/30/05 11:47

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Hexachlorobenzene	< 3.65	3.65	ug/m³	1	12/12/05	12/13/05	IHVOCS	A1

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506276
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

60028-10Q-(0-2)

0506276-05 (Air Tube)

11/30/05 11:47

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Phenol	< 12.8	12.8	ug/m³	1	12/8/05	12/8/05	NIOSH 2546	

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Service Engineering Group	Client Ref: 05500	Work Order #: 0506276
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

60028-10Q-(2-6)

0506276-06 (Air Tube)

11/30/05 15:55

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
1,2,3-Trichlorobenzene	< 5.87	5.87	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
1,2,4-Trichlorobenzene	< 5.63	5.63	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
1,3,5-Trichlorobenzene	< 5.83	5.83	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
1,4-Dichlorobenzene	< 5.79	5.79	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
1,1,1-Trichloroethane	< 4.85	4.85	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
2-Ethoxyethyl Acetate	< 6.17	6.17	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Acetone	**8.92**	5.49	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Benzene	**8.13**	2.48	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Chlorobenzene	< 5.10	5.10	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Chloroform	**19.6**	5.10	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Ethanol	< 7.14	7.14	ug/m³	1	12/6/05	12/7/05	IHVOCS1	ir
Ethyl Acetate	< 5.10	5.10	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Ethyl Benzene	**5.34**	4.90	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Isobutanol	< 5.75	5.75	ug/m³	1	12/6/05	12/7/05	IHVOCS1	ir
Isopropanol	**21.6**	6.41	ug/m³	1	12/6/05	12/7/05	IHVOCS1	ir
Methyl Ethyl Ketone	**9.35**	5.62	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Methyl Isobutyl Ketone	< 5.10	5.10	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Methylene Chloride	< 4.90	4.90	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
n-Butyl Acetate	< 5.05	5.05	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
n-Hexane	**12.1**	4.85	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Stoddard Solvent	**162**	24.8	ug/m³	1	12/6/05	12/7/05	IHVOCS1	io
Styrene	< 6.49	6.49	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Tetrachloroethene	< 4.95	4.95	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Tetrahydrofuran	**9.02**	5.41	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Toluene	**26.2**	5.05	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
TPH as Gasoline	**344**	25.5	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Trichloroethene	< 5.00	5.00	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
VM&P Naphtha	< 24.0	24.0	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Xylenes, Total	**26.3**	5.00	ug/m³	1	12/6/05	12/7/05	IHVOCS1	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506276
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

60028-10Q-(2-6)

0506276-07 (Air Tube)

11/30/05 15:55

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Acenaphthene	< 1.83	1.83	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Acenaphthylene	< 1.69	1.69	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Anthracene	< 1.83	1.83	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Benz(a)anthracene	< 1.98	1.98	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Benzo(a)pyrene	< 2.09	2.09	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Benzo(b)fluoranthene	< 2.07	2.07	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Benzo(g,h,i)perylene	< 2.56	2.56	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Benzo(k)fluoranthene	< 2.10	2.10	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Chrysene	< 1.99	1.99	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Dibenz(a,h)anthracene	< 2.13	2.13	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Fluoranthene	< 1.89	1.89	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Fluorene	< 1.80	1.80	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Indeno(1,2,3-cd)pyrene	< 2.25	2.25	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Naphthalene	**2.44**	1.84	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Phenanthrene	< 1.84	1.84	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Pyrene	< 1.92	1.92	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	

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675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

60028-10Q-(2-6)

0506276-08 (Air)

11/30/05 15:55

Metals

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Mercury	< 0.033	0.033	ug/m³	1	12/6/05	12/6/05	OSHA ID-145	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506276
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

60028-10Q-(2-6)

0506276-09 (Air Tube)

11/30/05 15:55

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Hexachlorobenzene	< 1.82	1.82	ug/m³	1	12/12/05	12/13/05	IHVOCS	A1

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675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

60028-10Q-(2-6)

0506276-10 (Air Tube)

11/30/05 15:55

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Phenol	< 6.41	6.41	ug/m³	1	12/8/05	12/8/05	NIOSH 2546	

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Service Engineering Group	Client Ref: 05500	Work Order #: 0506276
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

60028-10Q-(6-22)

0506276-11 (Air Tube)

12/1/05 7:51

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
1,2,3-Trichlorobenzene	< 1.47	1.47	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
1,2,4-Trichlorobenzene	< 1.41	1.41	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
1,3,5-Trichlorobenzene	< 1.46	1.46	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
1,4-Dichlorobenzene	< 1.45	1.45	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
1,1,1-Trichloroethane	< 1.21	1.21	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
2-Ethoxyethyl Acetate	< 1.54	1.54	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Acetone	**4.66**	1.37	ug/m³	1	12/6/05	12/7/05	IHVOCS1	ia
Benzene	**5.89**	0.619	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Chlorobenzene	< 1.28	1.28	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Chloroform	**15.0**	1.28	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Ethanol	**3.22**	1.79	ug/m³	1	12/6/05	12/7/05	IHVOCS1	ir
Ethyl Acetate	< 1.28	1.28	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Ethyl Benzene	**4.24**	1.23	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Isobutanol	< 1.44	1.44	ug/m³	1	12/6/05	12/7/05	IHVOCS1	ir
Isopropanol	**9.66**	1.60	ug/m³	1	12/6/05	12/7/05	IHVOCS1	ia, ir
Methyl Ethyl Ketone	**7.15**	1.40	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Methyl Isobutyl Ketone	< 1.28	1.28	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Methylene Chloride	**3.04**	1.23	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
n-Butyl Acetate	< 1.26	1.26	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
n-Hexane	**10.6**	1.21	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Stoddard Solvent	**138**	6.19	ug/m³	1	12/6/05	12/7/05	IHVOCS1	io
Styrene	< 1.62	1.62	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Tetrachloroethene	**1.86**	1.24	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Tetrahydrofuran	**6.94**	1.35	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Toluene	**21.8**	1.26	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
TPH as Gasoline	**316**	6.38	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Trichloroethene	**3.64**	1.25	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
VM&P Naphtha	< 6.01	6.01	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Xylenes, Total	**21.1**	1.25	ug/m³	1	12/6/05	12/7/05	IHVOCS1	

BRAUN INTERTEC

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506276
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

60028-10Q-(6-22)

0506276-12 (Air Tube)

12/1/05 7:51

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Acenaphthene	< 0.458	0.458	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Acenaphthylene	< 0.423	0.423	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Anthracene	< 0.457	0.457	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Benz(a)anthracene	< 0.495	0.495	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Benzo(a)pyrene	< 0.523	0.523	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Benzo(b)fluoranthene	< 0.517	0.517	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Benzo(g,h,i)perylene	< 0.639	0.639	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Benzo(k)fluoranthene	< 0.524	0.524	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Chrysene	< 0.497	0.497	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Dibenz(a,h)anthracene	< 0.533	0.533	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Fluoranthene	< 0.473	0.473	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Fluorene	< 0.450	0.450	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Indeno(1,2,3-cd)pyrene	< 0.562	0.562	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Naphthalene	**1.26**	0.460	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Phenanthrene	< 0.460	0.460	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Pyrene	< 0.481	0.481	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506276
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

60028-10Q-(6-22)

0506276-13 (Air)

12/1/05 7:51

Metals

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Mercury	< 0.0082	0.0082	ug/m³	1	12/6/05	12/6/05	OSHA ID-145	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506276
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

60028-10Q-(6-22)

0506276-14 (Air Tube)

12/1/05 7:51

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Hexachlorobenzene	< 0.456	0.456	ug/m³	1	12/12/05	12/14/05	IHVOCS	A1

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506276
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

60028-10Q-(6-22)

0506276-15 (Air Tube)

12/1/05 7:51

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Phenol	< 1.60	1.60	ug/m³	1	12/8/05	12/8/05	NIOSH 2546	

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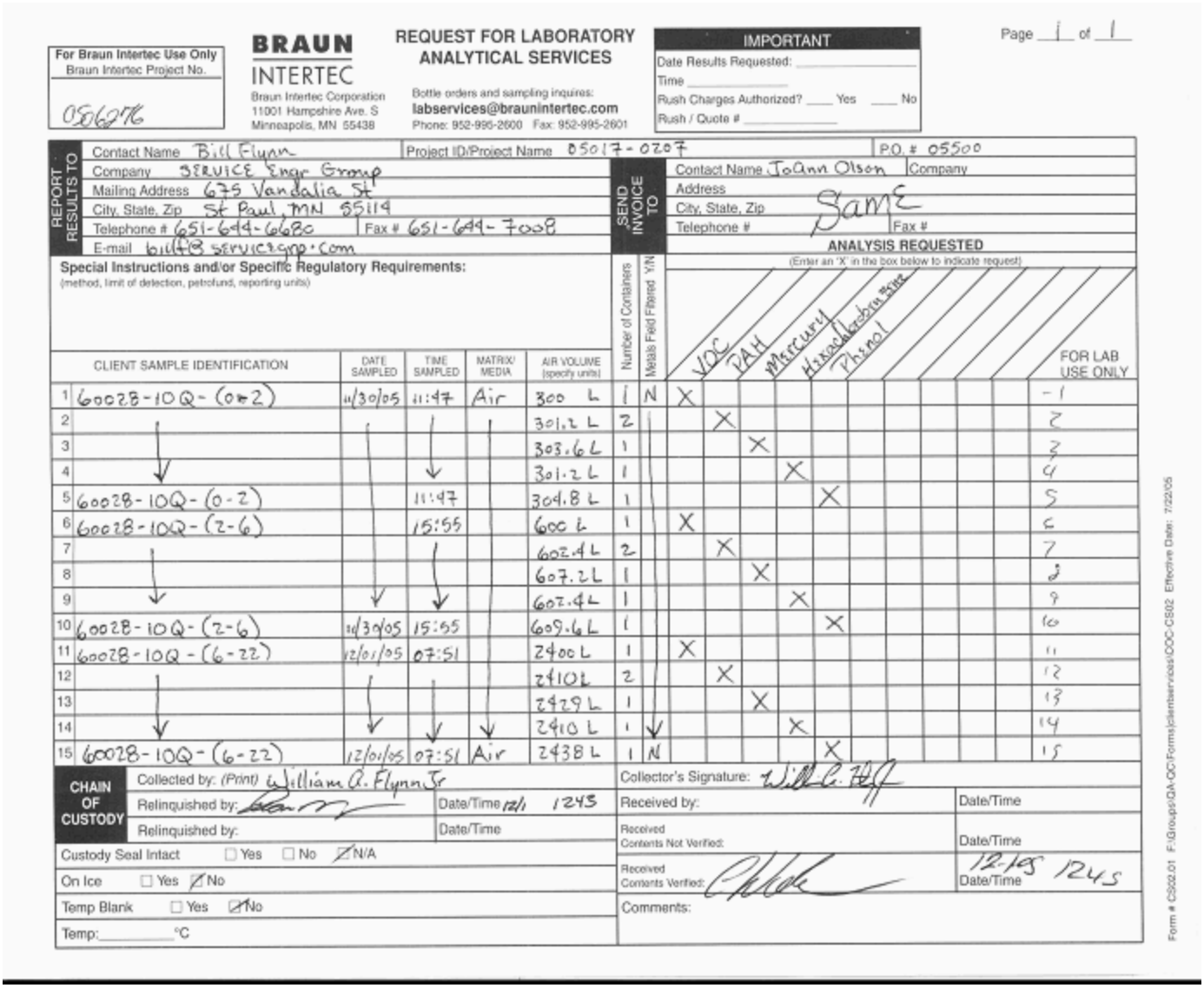
Service Engineering Group	Client Ref: 05500	Work Order #: 0506276
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003



Page 1 of 1

For Braun Intertec Use Only
Braun Intertec Project No.
0506276

BRAUN INTERTEC
Braun Intertec Corporation
11001 Hampshire Ave. S
Minneapolis, MN 55438

REQUEST FOR LABORATORY ANALYTICAL SERVICES

Bottle orders and sampling inquires:
labservices@braunintertec.com
Phone: 952-995-2600 Fax: 952-995-2601

IMPORTANT
Date Results Requested:
Time
Rush Charges Authorized? ____ Yes ____ No
Rush / Quote #

REPORT RESULTS TO
Contact Name Bill Flynn
Company SERVICE Engr Group
Mailing Address 675 Vandalia St
City, State, Zip St Paul, MN 55114
Telephone # 651-649-6680 Fax # 651-649-7008
E-mail billf@serviceengr.com

Project ID/Project Name 05017-0207
P.O. # 05500

SEND INVOICE TO
Contact Name JoAnn Olson
Company
Address
City, State, Zip Same
Telephone # Fax #

Special Instructions and/or Specific Regulatory Requirements:
(method, limit of detection, petrofund, reporting units)

ANALYSIS REQUESTED
(Enter an 'X' in the box below to indicate request)

	CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)	Number of Containers	Metals Field Filtered Y/N	VOC	PAH	Mercury	Hexachlorobutadiene	Phenol	FOR LAB USE ONLY
1	60028-10Q-(0-2)	11/30/05	11:47	Air	300 L	1	N	X					-1
2					301.2 L	2			X				2
3					303.6 L	1				X			3
4					301.2 L	1					X		4
5	60028-10Q-(0-2)		11:47		304.8 L	1						X	5
6	60028-10Q-(2-6)		15:55		600 L	1		X					6
7					602.4 L	2			X				7
8					607.2 L	1				X			8
9					607.4 L	1					X		9
10	60028-10Q-(2-6)	11/30/05	15:55		609.6 L	1						X	10
11	60028-10Q-(6-22)	12/01/05	07:51		2400 L	1		X					11
12					2410 L	2			X				12
13					2429 L	1				X			13
14					2410 L	1	↓				X		14
15	60028-10Q-(6-22)	12/01/05	07:51	Air	2438 L	1	N					X	15

CHAIN OF CUSTODY
Collected by: (Print) William A. Flynn Jr
Collector's Signature:
Relinquished by: Date/Time 12/1 1245
Received by: Date/Time
Relinquished by: Date/Time
Received Contents Not Verified: Date/Time
Custody Seal Intact ☐ Yes ☐ No ☒ N/A
Received Contents Verified: Date/Time 12-1-05 1245
On Ice ☐ Yes ☒ No
Temp Blank ☐ Yes ☒ No
Temp: ____ °C
Comments:

Form # CS02.01 F:\Groups\QA-QC\Forms\clientservices\COC-CS02 Effective Date: 7/22/05

BRAUN INTERTEC

Braun Intertec Corporation
11001 Hampshire Avenue S
Minneapolis, MN 55438

Phone: 952.995.2000
Fax: 952.995.2020
Web: brauninterlec.com

Mr. Bill Flynn
Service Engineering Group
675 Vandalia Street
St. Paul, MN 55114-1312

December 14, 2005

Work Order #: 0506277

RE: 05500

Dear Mr. Bill Flynn

Braun Intertec Corporation received samples for the project identified above on 12/01/05 12:40. Analytical results are summarized in the following report.

All routine quality assurance procedures were followed, unless otherwise noted.

Analytical results are reported on an "as received" basis unless otherwise noted. Where possible, the samples will be retained by the laboratory for 14 days following issuance of the initial final report. The samples will be disposed of or returned at that time. Arrangements can be made for extended storage by contacting me at this time.

We appreciate your decision to use Braun Intertec Corporation for this project. We are committed to being your vendor of choice to meet your analytical chemistry needs.

If you have any questions please contact me at the above phone number.

Sincerely,

Steven J. Albrecht

Steven J. Albrecht
Associate Principal

Certification/Accreditation Numbers

Minnesota Department of Health: 027-053-117 Wisconsin DNR: 999462640 NVLAP: 1021234-0 AIHA: 101103

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:05500	Work Order #: 0506277
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

How to Use this Report

In order to get the most out of the information presented in this report please refer to the following explanations as to how the data in this report is tied together and how some of the terms are defined.

Qualifiers and Abbreviations are defined in the following section. You will find these codes used throughout the report in headers and in note sections to designate a unique fact about the data to which they are associated.

The Case Narrative gives a "story" about the analysis and results. Here you will find greater elaboration on relevant qualifiers as well as an explanation of anything of particular note in the data. This is a discussion of the data in terms of quality control and chemistry. It is a summary of any deviations that could affect the usefulness of the data. This is not an interpretation as to how this information relates to regulatory compliance, toxicity, or hazardous characterization. These items are beyond the scope of this report.

The Sample Summary provides detail on sample receipt. The association between Client sample ID and the Laboratory sample ID are defined here; this information is valuable to have when discussing results with your project manager. Sample collection and receipt dates and times are provided here as well. General notes regarding the work order are also documented here. This is a mini "case narrative" that describes any anomalies regarding the condition of the samples upon arrival to the laboratory or special circumstances regarding the work order.

The Conditions Upon Receipt summarizes the results of specific checks that have been performed at sample receipt. This includes items like custody documentation, sample condition, and temperature at receipt. Each "cooler" is identified and the conditions associated with that cooler are documented. A "cooler" is defined as the larger container used to transport the individual samples. In most cases this is a standard recreational cooler but it can be a box, plastic bag, or other container.

The laboratory results are summarized in the following sections. Data is broken down into major categories for convenience. An example of such a category would be "Total Petroleum Hydrocarbons." Here you would find data that references the testing of such parameters as diesel range organics and gasoline range organics. Other categories are similarly mapped. The batch number is associated with each sample. This is important to evaluate Quality Control (QC) data. Surrogate results samples are provided with each sample. Laboratory control limits are provided for comparison (see below). The reference method is also identified. If a method is denoted with an "M" (e.g. EPA 1234(M)) this means that it has been modified. An explanation of the modification will be found in the Case Narrative. A result is given with appropriate units. If a soil sample is dry-weight corrected then the word "dry" will appear next to the units. If the word "dry" does not appear then the result is "as received."

The Method Reporting Limit (MRL) and Method Detection Limit (MDL) are provided. It is important to understand these terms. The MRL is a level that has been empirically verified to provide reliable quantitation of results. Results that are equal to or greater than this value will show up as bolded. They are considered "hits." The MDL is a statistically derived number that indicates, with high confidence, that an analyte can be detected above noise level. If a result is less than this value it is marked as "ND" for "Non-Detect." If a result is less than the MRL but greater than the MDL then it is considered an estimate. Such a result is reported with a "J" flag denoting that it has been detected but that the result is an estimate. This is consistent with the *CLP Statement of Work* and the *National Functional Guidelines.*

The Quality Control (QC) samples are documented in the following section. Here you will find the preparation batches associated with each sample from the results section. The sample preparation method is also defined here. Accuracy is represented here in terms of a percent recovery as compared to a known value. Precision is represented as a relative percent difference between two duplicate sample aliquots. The laboratory control limits are provided as a means to evaluate the quality control data. If the result falls outside the laboratory control limits this simply means that it is outside what is typical for the laboratory and is noted accordingly. This does not mean that the data is invalid. Laboratory control limits are generally tighter than most program limits. This is a very important distinction. How the data is ultimately used determines its validity. Program requirements are defined in the Quality Assurance Project Plan (QAPP) governing the project. If your project manager is aware of your specific program requirements then a note will be made in the case narrative if the data fails to meet any of these requirements.

The last section contains copies of important documents and/or instrument printouts relavent to the report. This includes the chain of custody. It also may include items like chromatograms or spectra.

Please note that this report is paginated and must be reproduced in its entirety.

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Service Engineering Group	Client Ref:05500	Work Order #: 0506277
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Qualifiers and Abbreviations

vn	The surrogate recovery is below the laboratory generated control limits.
ts	This analysis was performed by a subcontract laboratory.
J	Detected but below the Method Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
go	The laboratory control sample recovery is outside of laboratory control limits.
COC	Chain of Custody
dry	Sample results reported on a dry weight basis
MDL	Method Detection Limit
MRL	Method Reporting Limit
NA	Not Applicable
ND	Analyte NOT DETECTED
NR	Not Reported
%Rec	Percent Recovery
RPD	Relative Percent Difference
VOC	Volatile Organic Compound

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675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

SAMPLE SUMMARY

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
60028-10Q-PR	0506277-01	Water	11/30/05 09:35	12/01/05 12:40
60028-10M-DCN	0506277-02	Water	11/30/05 15:38	12/01/05 12:40
Trip Blank	0506277-03	Water	11/30/05 00:00	12/01/05 12:40
60028-10Q-PO	0506277-04	Water	12/01/05 08:10	12/01/05 12:40

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Service Engineering Group	Client Ref:05500	Work Order #: 0506277
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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Conditions Upon Receipt

Cooler: Cooler #1

Temperature:	12.5 °C	**Received on Ice:**	No	**Preservation Confirmed:**	No
COC Included:	Yes	**Hand Delivered by Sampler:**	Yes	**Temperature Blank:**	No
Custody Seals Used:	No	**Sufficient Sample Provided:**	Yes	**COC Complete:**	Yes
Custody Seals Intact:	No	**Headspace Present (VOC):**	No	**COC & Labels Agree:**	Yes

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Service Engineering Group	Client Ref:05500	Work Order #: 0506277
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

60028-10Q-PR

0506277-01 (Water)

11/30/05 9:35

Classical Chemistry Parameters

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Total Suspended Solids	**37000**	100	72	mg/L	B5L0028	12/1/05	12/2/05	EPA 160.2	
Total Organic Carbon	**15**	8.0	3.0	mg/L	B5L0235	12/11/05	12/12/05	EPA 9060	ts

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Service Engineering Group	Client Ref:05500	Work Order #: 0506277
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

60028-10M-DCN

0506277-02 (Water)

11/30/05 15:38

Metals

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Mercury	ND	0.20	0.011	ug/L	B5L0144	12/8/05	12/9/05	EPA 7470A	

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,2,4-Trichlorobenzene	ND	5.0	0.33	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
1,2-Dichlorobenzene	ND	5.0	0.27	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
1,2-Diphenylhydrazine	ND	5.0	0.37	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
1,3-Dichlorobenzene	ND	5.0	0.30	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
1,4-Dichlorobenzene	ND	5.0	0.29	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
2,4,5-Trichlorophenol	ND	5.0	0.15	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
2,4,6-Trichlorophenol	ND	5.0	0.23	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
2,4-Dichlorophenol	ND	10	0.28	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
2,4-Dimethylphenol	ND	5.0	0.40	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
2,4-Dinitrophenol	ND	5.0	0.96	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
2,4-Dinitrotoluene	ND	5.0	0.20	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
2,6-Dinitrotoluene	ND	5.0	0.58	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
2-Chloronaphthalene	ND	5.0	0.30	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
2-Chlorophenol	ND	10	0.63	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
2-Methylnaphthalene	ND	5.0	0.39	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
2-Methylphenol	ND	10	2.5	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
2-Nitroaniline	ND	5.0	0.46	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
2-Nitrophenol	ND	10	0.54	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
3,3-Dichlorobenzidine	ND	5.0	0.54	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
3-/4-Methylphenol	ND	10	0.28	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
3-Nitroaniline	ND	5.0	0.66	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
4,6-Dinitro-2-methylphenol	ND	5.0	0.70	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
4-Bromophenyl phenyl ether	ND	5.0	0.24	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
4-Chloro-3-methylphenol	ND	5.0	0.23	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
4-Chloroaniline	ND	5.0	0.59	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506277
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

60028-10M-DCN

0506277-02 (Water)

11/30/05 15:38

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
4-Chlorophenyl phenyl ether	ND	2.0	0.25	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
4-Nitroaniline	ND	5.0	0.34	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
4-Nitrophenol	ND	5.0	0.82	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Acenaphthene	ND	2.0	0.26	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Acenaphthylene	ND	2.0	0.19	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Aniline	ND	5.0	0.88	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Anthracene	ND	2.0	0.21	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Benz(a)anthracene	ND	2.0	0.71	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Benzo(a)pyrene	ND	2.0	0.77	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Benzo(b)fluoranthene	ND	2.0	0.42	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Benzo(g,h,i)perylene	ND	2.0	0.67	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Benzo(k)fluoranthene	ND	2.0	0.75	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Benzyl alcohol	ND	10	0.32	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
bis(2-Chloroethoxy)methane	ND	5.0	0.34	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Bis(2-Chloroethyl)ether	ND	5.0	0.42	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Bis(2-chloroisopropyl)ether	ND	5.0	0.32	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Bis(2-Ethylhexyl)phthalate	ND	5.0	1.5	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Butyl benzyl phthalate	ND	5.0	0.31	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Carbazole	ND	5.0	0.34	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Chrysene	ND	2.0	0.70	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Dibenz(a,h)anthracene	ND	2.0	0.78	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Dibenzofuran	ND	5.0	0.27	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Diethylphthalate	ND	5.0	0.30	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Dimethyl phthalate	ND	5.0	0.21	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Di-n-butyl phthalate	ND	5.0	0.47	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Di-n-octyl phthalate	ND	5.0	0.80	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Fluoranthene	ND	2.0	0.26	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Fluorene	ND	2.0	0.46	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	

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11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
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Service Engineering Group	Client Ref:05500	Work Order #: 0506277
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

60028-10M-DCN

0506277-02 (Water)

11/30/05 15:38

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Hexachlorobenzene	ND	5.0	0.24	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Hexachlorobutadiene	ND	5.0	0.31	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Hexachlorocyclopentadiene	ND	5.0	0.28	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Hexachloroethane	ND	5.0	0.35	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Indeno(1,2,3-cd)pyrene	ND	2.0	0.78	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Isophorone	ND	5.0	0.21	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Naphthalene	ND	5.0	0.32	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Nitrobenzene	ND	5.0	0.27	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
N-Nitrosodimethylamine	ND	5.0	0.26	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
N-Nitrosodi-n-propylamine	ND	5.0	0.31	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
N-Nitrosodiphenylamine	ND	5.0	0.31	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Pentachlorophenol	ND	5.0	0.54	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Phenanthrene	ND	2.0	0.21	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Phenol	ND	10	2.1	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Pyrene	ND	2.0	0.50	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Pyridine	ND	10	2.4	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Surrogate: 2,4,6-Tribromophenol	*92.0 %*	*Limits: 65-100%*			*B5L0031*	*12/2/05*	*12/7/05*	*EPA 8270C*	
Surrogate: 2-Fluorobiphenyl	*76.1 %*	*Limits: 59-101%*			*B5L0031*	*12/2/05*	*12/7/05*	*EPA 8270C*	
Surrogate: 2-Fluorophenol	*47.3 %*	*Limits: 30-75%*			*B5L0031*	*12/2/05*	*12/7/05*	*EPA 8270C*	
Surrogate: Nitrobenzene-d5	*63.9 %*	*Limits: 57-101%*			*B5L0031*	*12/2/05*	*12/7/05*	*EPA 8270C*	
Surrogate: Phenol-d6	*37.8 %*	*Limits: 30-75%*			*B5L0031*	*12/2/05*	*12/7/05*	*EPA 8270C*	
Surrogate: Terphenyl-d14	*88.6 %*	*Limits: 65-100%*			*B5L0031*	*12/2/05*	*12/7/05*	*EPA 8270C*	

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,1,1-Trichloroethane	ND	1.0	0.050	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	

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Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:05500	Work Order #: 0506277
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

60028-10M-DCN

0506277-02 (Water)

11/30/05 15:38

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,1,2-Trichlorotrifluoroethane	ND	1.0	0.12	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,1-Dichloroethane	ND	1.0	0.053	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,1-Dichloroethene	ND	1.0	0.085	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,1-Dichloropropene	ND	1.0	0.073	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,2,3-Trichlorobenzene	ND	1.0	0.11	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,2,3-Trichloropropane	ND	1.0	0.30	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,2,4-Trichlorobenzene	ND	1.0	0.14	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,2,4-Trimethylbenzene	ND	1.0	0.071	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,2-Dibromo-3-chloropropane	ND	1.0	0.41	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,2-Dibromoethane	ND	1.0	0.064	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,2-Dichlorobenzene	ND	1.0	0.12	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,2-Dichloroethane	ND	1.0	0.053	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,2-Dichloropropane	ND	1.0	0.050	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,3,5-Trimethylbenzene	ND	1.0	0.097	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,3-Dichlorobenzene	ND	1.0	0.083	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,3-Dichloropropane	ND	1.0	0.13	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,4-Dichlorobenzene	ND	1.0	0.12	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
2,2-Dichloropropane	ND	1.0	0.10	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
2-Butanone (MEK)	ND	10	1.3	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
2-Chlorotoluene	ND	1.0	0.20	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
4-Chlorotoluene	ND	1.0	0.13	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
4-Isopropyltoluene	ND	1.0	0.058	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Acetone	ND	20	1.5	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Allyl Chloride	ND	1.0	0.26	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Benzene	ND	1.0	0.045	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Bromobenzene	ND	1.0	0.15	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506277
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

60028-10M-DCN

0506277-02 (Water)

11/30/05 15:38

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Bromochloromethane	ND	1.0	0.21	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Bromodichloromethane	**4.8**	1.0	0.11	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Bromoform	ND	5.0	0.13	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Bromomethane	ND	1.0	0.14	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Carbon Tetrachloride	ND	1.0	0.057	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Chlorobenzene	ND	1.0	0.042	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Chlorodibromomethane	ND	1.0	0.028	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	go
Chloroethane	ND	1.0	0.11	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Chloroform	**15**	1.0	0.12	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Chloromethane	**2.1**	1.0	0.20	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.0	0.10	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.0	0.041	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Dibromomethane	ND	1.0	0.20	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Dichlorodifluoromethane	ND	1.0	0.13	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	go
Dichlorofluoromethane	ND	1.0	0.10	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Ethyl Ether	ND	1.0	0.31	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Ethylbenzene	ND	1.0	0.10	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Hexachlorobutadiene	ND	2.0	0.24	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Isopropylbenzene	ND	1.0	0.064	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
m,p-Xylenes	ND	1.0	0.13	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Methyl Isobutyl Ketone	ND	5.0	0.42	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	go
Methylene chloride	ND	5.0	0.63	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Methyl-t-butyl ether	ND	1.0	0.12	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Naphthalene	ND	1.0	0.10	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
n-Butylbenzene	ND	1.0	0.12	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
n-Propylbenzene	ND	1.0	0.10	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
o-Xylene	ND	1.0	0.14	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
sec-Butylbenzene	ND	1.0	0.042	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Styrene	ND	1.0	0.047	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506277
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

60028-10M-DCN

0506277-02 (Water)

11/30/05 15:38

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
tert-Butylbenzene	ND	1.0	0.10	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Tetrachloroethene	ND	2.0	0.19	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Tetrahydrofuran	ND	5.0	1.2	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	go
Toluene	ND	1.0	0.17	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
trans-1,2-Dichloroethene	ND	1.0	0.14	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.0	0.12	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Trichloroethene	ND	1.0	0.073	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Trichlorofluoromethane	ND	1.0	0.19	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Vinyl chloride	ND	1.0	0.25	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4	*92.4 %*	*Limits: 82-128%*			*B5L0162*	*12/7/05*	*12/7/05*	*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene	*113 %*	*Limits: 76-119%*			*B5L0162*	*12/7/05*	*12/7/05*	*EPA 8260B*	
Surrogate: Dibromofluoromethane	*103 %*	*Limits: 79-127%*			*B5L0162*	*12/7/05*	*12/7/05*	*EPA 8260B*	
Surrogate: Toluene-d8	*104 %*	*Limits: 82-116%*			*B5L0162*	*12/7/05*	*12/7/05*	*EPA 8260B*	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506277
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Trip Blank

0506277-03 (Water)

11/30/05 0:00

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,1,1-Trichloroethane	ND	1.0	0.050	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,1,2-Trichlorotrifluoroethane	ND	1.0	0.12	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,1-Dichloroethane	ND	1.0	0.053	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,1-Dichloroethene	ND	1.0	0.085	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,1-Dichloropropene	ND	1.0	0.073	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,2,3-Trichlorobenzene	ND	1.0	0.11	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,2,3-Trichloropropane	ND	1.0	0.30	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,2,4-Trichlorobenzene	ND	1.0	0.14	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,2,4-Trimethylbenzene	ND	1.0	0.071	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,2-Dibromo-3-chloropropane	ND	1.0	0.41	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,2-Dibromoethane	ND	1.0	0.064	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,2-Dichlorobenzene	ND	1.0	0.12	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,2-Dichloroethane	ND	1.0	0.053	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,2-Dichloropropane	ND	1.0	0.050	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,3,5-Trimethylbenzene	ND	1.0	0.097	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,3-Dichlorobenzene	ND	1.0	0.083	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,3-Dichloropropane	ND	1.0	0.13	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,4-Dichlorobenzene	ND	1.0	0.12	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
2,2-Dichloropropane	ND	1.0	0.10	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
2-Butanone (MEK)	ND	10	1.3	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
2-Chlorotoluene	ND	1.0	0.20	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
4-Chlorotoluene	ND	1.0	0.13	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
4-Isopropyltoluene	ND	1.0	0.058	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Acetone	ND	20	1.5	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Allyl Chloride	ND	1.0	0.26	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506277
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Trip Blank

0506277-03 (Water)

11/30/05 0:00

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	0.045	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Bromobenzene	ND	1.0	0.15	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Bromochloromethane	ND	1.0	0.21	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Bromodichloromethane	ND	1.0	0.11	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Bromoform	ND	5.0	0.13	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Bromomethane	ND	1.0	0.14	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Carbon Tetrachloride	ND	1.0	0.057	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Chlorobenzene	ND	1.0	0.042	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Chlorodibromomethane	ND	1.0	0.028	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	go
Chloroethane	ND	1.0	0.11	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Chloroform	ND	1.0	0.12	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Chloromethane	ND	1.0	0.20	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.0	0.10	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.0	0.041	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Dibromomethane	ND	1.0	0.20	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Dichlorodifluoromethane	ND	1.0	0.13	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	go
Dichlorofluoromethane	ND	1.0	0.10	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Ethyl Ether	ND	1.0	0.31	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Ethylbenzene	ND	1.0	0.10	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Hexachlorobutadiene	ND	2.0	0.24	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Isopropylbenzene	ND	1.0	0.064	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
m,p-Xylenes	ND	1.0	0.13	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Methyl Isobutyl Ketone	ND	5.0	0.42	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	go
Methylene chloride	ND	5.0	0.63	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Methyl-t-butyl ether	ND	1.0	0.12	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Naphthalene	ND	1.0	0.10	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
n-Butylbenzene	ND	1.0	0.12	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
n-Propylbenzene	ND	1.0	0.10	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	

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11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
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Service Engineering Group	Client Ref:05500	Work Order #: 0506277
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Trip Blank

0506277-03 (Water)

11/30/05 0:00

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
o-Xylene	ND	1.0	0.14	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
sec-Butylbenzene	ND	1.0	0.042	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Styrene	ND	1.0	0.047	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
tert-Butylbenzene	ND	1.0	0.10	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Tetrachloroethene	ND	2.0	0.19	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Tetrahydrofuran	ND	5.0	1.2	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	go
Toluene	ND	1.0	0.17	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
trans-1,2-Dichloroethene	ND	1.0	0.14	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.0	0.12	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Trichloroethene	ND	1.0	0.073	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Trichlorofluoromethane	ND	1.0	0.19	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Vinyl chloride	ND	1.0	0.25	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4	*91.6 %*	*Limits: 82-128%*			*B5L0162*	*12/7/05*	*12/7/05*	*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene	*112 %*	*Limits: 76-119%*			*B5L0162*	*12/7/05*	*12/7/05*	*EPA 8260B*	
Surrogate: Dibromofluoromethane	*103 %*	*Limits: 79-127%*			*B5L0162*	*12/7/05*	*12/7/05*	*EPA 8260B*	
Surrogate: Toluene-d8	*104 %*	*Limits: 82-116%*			*B5L0162*	*12/7/05*	*12/7/05*	*EPA 8260B*	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506277
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

60028-10Q-PO

0506277-04 (Water)

12/1/05 8:10

Classical Chemistry Parameters

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Total Suspended Solids	**160**	10	7.2	mg/L	B5L0028	12/1/05	12/2/05	EPA 160.2	
Dissolved Organic Carbon	**9.4**	1.5	0.50	mg/L	B5L0235	12/11/05	12/12/05	ASTM D5373	ts
Total Organic Carbon	**9.8**	8.0	3.0	mg/L	B5L0235	12/11/05	12/12/05	EPA 9060	ts

Metals

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Mercury, Dissolved	ND	0.20	0.011	ug/L	B5L0064	12/5/05	12/6/05	EPA 7470A	

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,2,4-Trichlorobenzene	ND	6.5	0.43	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
1,2-Dichlorobenzene	ND	6.5	0.35	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
1,2-Diphenylhydrazine	ND	6.5	0.48	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
1,3-Dichlorobenzene	ND	6.5	0.38	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
1,4-Dichlorobenzene	ND	6.5	0.38	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
2,4,5-Trichlorophenol	ND	6.5	0.20	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
2,4,6-Trichlorophenol	ND	6.5	0.29	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
2,4-Dichlorophenol	ND	13	0.36	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
2,4-Dimethylphenol	ND	6.5	0.52	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
2,4-Dinitrophenol	ND	6.5	1.2	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
2,4-Dinitrotoluene	ND	6.5	0.26	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
2,6-Dinitrotoluene	ND	6.5	0.76	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
2-Chloronaphthalene	ND	6.5	0.38	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
2-Chlorophenol	ND	13	0.82	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
2-Methylnaphthalene	0.68 J	6.5	0.51	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
2-Methylphenol	ND	13	3.2	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
2-Nitroaniline	ND	6.5	0.60	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
2-Nitrophenol	ND	13	0.70	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
3,3-Dichlorobenzidine	ND	6.5	0.70	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
3-/4-Methylphenol	ND	13	0.36	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	

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Bloomington, MN 55438
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952-995-2020 Fax

Service Engineering Group	Client Ref:05500	Work Order #: 0506277
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

60028-10Q-PO

0506277-04 (Water)

12/1/05 8:10

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
3-Nitroaniline	ND	6.5	0.86	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
4,6-Dinitro-2-methylphenol	ND	6.5	0.91	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
4-Bromophenyl phenyl ether	ND	6.5	0.31	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
4-Chloro-3-methylphenol	ND	6.5	0.30	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
4-Chloroaniline	ND	6.5	0.77	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	2.6	0.32	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
4-Nitroaniline	ND	6.5	0.44	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
4-Nitrophenol	ND	6.5	1.1	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Acenaphthene	**7.8**	2.6	0.34	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Acenaphthylene	ND	2.6	0.24	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Aniline	ND	6.5	1.1	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Anthracene	2.0 J	2.6	0.27	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Benz(a)anthracene	ND	2.6	0.92	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Benzo(a)pyrene	ND	2.6	1.0	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Benzo(b)fluoranthene	ND	2.6	0.55	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Benzo(g,h,i)perylene	ND	2.6	0.87	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Benzo(k)fluoranthene	ND	2.6	0.97	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Benzyl alcohol	ND	13	0.42	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
bis(2-Chloroethoxy)methane	ND	6.5	0.44	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Bis(2-Chloroethyl)ether	ND	6.5	0.54	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Bis(2-chloroisopropyl)ether	ND	6.5	0.42	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Bis(2-Ethylhexyl)phthalate	ND	6.5	2.0	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Butyl benzyl phthalate	ND	6.5	0.40	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Carbazole	1.2 J	6.5	0.44	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Chrysene	ND	2.6	0.91	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Dibenz(a,h)anthracene	ND	2.6	1.0	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Dibenzofuran	1.1 J	6.5	0.35	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Diethylphthalate	ND	6.5	0.39	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Dimethyl phthalate	ND	6.5	0.28	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506277
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

60028-10Q-PO

0506277-04 (Water)

12/1/05 8:10

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Di-n-butyl phthalate	ND	6.5	0.61	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Di-n-octyl phthalate	ND	6.5	1.0	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Fluoranthene	2.1 J	2.6	0.33	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Fluorene	**5.1**	2.6	0.59	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Hexachlorobenzene	ND	6.5	0.32	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Hexachlorobutadiene	ND	6.5	0.41	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Hexachlorocyclopentadiene	ND	6.5	0.36	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Hexachloroethane	ND	6.5	0.46	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Indeno(1,2,3-cd)pyrene	ND	2.6	1.0	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Isophorone	ND	6.5	0.27	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Naphthalene	ND	6.5	0.41	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Nitrobenzene	ND	6.5	0.35	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
N-Nitrosodimethylamine	ND	6.5	0.34	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
N-Nitrosodi-n-propylamine	ND	6.5	0.41	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
N-Nitrosodiphenylamine	ND	6.5	0.40	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Pentachlorophenol	ND	6.5	0.71	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Phenanthrene	**4.8**	2.6	0.27	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Phenol	ND	13	2.7	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Pyrene	2.0 J	2.6	0.65	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Pyridine	ND	13	3.2	ug/L	B5L0031	12/2/05	12/7/05	EPA 8270C	
Surrogate: 2,4,6-Tribromophenol	*84.6 %*	*Limits: 65-100%*			*B5L0031*	*12/2/05*	*12/7/05*	*EPA 8270C*	
Surrogate: 2-Fluorobiphenyl	*68.0 %*	*Limits: 59-101%*			*B5L0031*	*12/2/05*	*12/7/05*	*EPA 8270C*	
Surrogate: 2-Fluorophenol	*49.5 %*	*Limits: 30-75%*			*B5L0031*	*12/2/05*	*12/7/05*	*EPA 8270C*	
Surrogate: Nitrobenzene-d5	*54.2 %*	*Limits: 57-101%*			*B5L0031*	*12/2/05*	*12/7/05*	*EPA 8270C*	*vn*
Surrogate: Phenol-d6	*43.3 %*	*Limits: 30-75%*			*B5L0031*	*12/2/05*	*12/7/05*	*EPA 8270C*	
Surrogate: Terphenyl-d14	*74.8 %*	*Limits: 65-100%*			*B5L0031*	*12/2/05*	*12/7/05*	*EPA 8270C*	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506277
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

60028-10Q-PO

0506277-04 (Water)

12/1/05 8:10

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	
1,1,1-Trichloroethane	ND	1.0	0.050	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	
1,1,2-Trichlorotrifluoroethane	ND	1.0	0.12	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	
1,1-Dichloroethane	ND	1.0	0.053	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	
1,1-Dichloroethene	ND	1.0	0.085	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	
1,1-Dichloropropene	ND	1.0	0.073	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	
1,2,3-Trichlorobenzene	ND	1.0	0.11	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	
1,2,3-Trichloropropane	ND	1.0	0.30	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	
1,2,4-Trichlorobenzene	ND	1.0	0.14	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	
1,2,4-Trimethylbenzene	**6.9**	1.0	0.071	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	
1,2-Dibromo-3-chloropropane	ND	1.0	0.41	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	
1,2-Dibromoethane	ND	1.0	0.064	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	
1,2-Dichlorobenzene	ND	1.0	0.12	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	
1,2-Dichloroethane	ND	1.0	0.053	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	
1,2-Dichloropropane	ND	1.0	0.050	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	
1,3,5-Trimethylbenzene	**2.8**	1.0	0.097	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	
1,3-Dichlorobenzene	ND	1.0	0.083	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	
1,3-Dichloropropane	ND	1.0	0.13	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	
1,4-Dichlorobenzene	**1.8**	1.0	0.12	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	
2,2-Dichloropropane	ND	1.0	0.10	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	
2-Butanone (MEK)	ND	10	1.3	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	
2-Chlorotoluene	ND	1.0	0.20	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	
4-Chlorotoluene	ND	1.0	0.13	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	
4-Isopropyltoluene	ND	1.0	0.058	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	
Acetone	**40**	20	1.5	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	
Allyl Chloride	ND	1.0	0.26	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	
Benzene	ND	1.0	0.045	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506277
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

60028-10Q-PO

0506277-04 (Water)

12/1/05 8:10

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Bromobenzene	ND	1.0	0.15	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	
Bromochloromethane	ND	1.0	0.21	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	
Bromodichloromethane	ND	1.0	0.11	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	
Bromoform	ND	5.0	0.13	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	
Bromomethane	ND	1.0	0.14	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	
Carbon Tetrachloride	ND	1.0	0.057	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	
Chlorobenzene	**2.4**	1.0	0.042	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	
Chlorodibromomethane	ND	1.0	0.028	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	go
Chloroethane	ND	1.0	0.11	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	
Chloroform	ND	1.0	0.12	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	
Chloromethane	ND	1.0	0.20	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.0	0.10	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.0	0.041	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	
Dibromomethane	ND	1.0	0.20	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	
Dichlorodifluoromethane	ND	1.0	0.13	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	go
Dichlorofluoromethane	ND	1.0	0.10	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	
Ethyl Ether	ND	1.0	0.31	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	
Ethylbenzene	ND	1.0	0.10	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	
Hexachlorobutadiene	ND	2.0	0.24	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	
Isopropylbenzene	**1.1**	1.0	0.064	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	
m,p-Xylenes	**3.9**	1.0	0.13	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	
Methyl Isobutyl Ketone	ND	5.0	0.42	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	go
Methylene chloride	ND	5.0	0.63	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	
Methyl-t-butyl ether	ND	1.0	0.12	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	
Naphthalene	**30**	1.0	0.10	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	
n-Butylbenzene	ND	1.0	0.12	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	
n-Propylbenzene	ND	1.0	0.10	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	
o-Xylene	**3.4**	1.0	0.14	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	
sec-Butylbenzene	ND	1.0	0.042	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506277
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

60028-10Q-PO

0506277-04 (Water)

12/1/05 8:10

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Styrene	ND	1.0	0.047	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	
tert-Butylbenzene	ND	1.0	0.10	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	
Tetrachloroethene	ND	2.0	0.19	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	
Tetrahydrofuran	ND	5.0	1.2	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	go
Toluene	ND	1.0	0.17	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	
trans-1,2-Dichloroethene	ND	1.0	0.14	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.0	0.12	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	
Trichloroethene	ND	1.0	0.073	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	
Trichlorofluoromethane	ND	1.0	0.19	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	
Vinyl chloride	ND	1.0	0.25	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4	*93.2 %*		*Limits: 82-128%*		*B5L0162*	*12/7/05*	*12/9/05*	*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene	*116 %*		*Limits: 76-119%*		*B5L0162*	*12/7/05*	*12/9/05*	*EPA 8260B*	
Surrogate: Dibromofluoromethane	*104 %*		*Limits: 79-127%*		*B5L0162*	*12/7/05*	*12/9/05*	*EPA 8260B*	
Surrogate: Toluene-d8	*104 %*		*Limits: 82-116%*		*B5L0162*	*12/7/05*	*12/9/05*	*EPA 8260B*	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506277
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Classical Chemistry Parameters - Quality Control

Batch B5L0028 - Default Prep GenChem

Method Blank (B5L0028-BLK1) Prepared: 12/01/05 Analyzed: 12/02/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Suspended Solids	ND	5.0	3.6	mg/L	NA	NA	NA	NA	NA	NA	

Laboratory Control Sample (B5L0028-BS1) Prepared: 12/01/05 Analyzed: 12/02/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Suspended Solids	261			mg/L	250	NA	104	80-120	NA	NA	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Metals - Quality Control

Batch B5L0064 - EPA 7470A

Method Blank (B5L0064-BLK1) Prepared: 12/05/05 Analyzed: 12/06/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury, Dissolved	0.181	0.20	0.011	ug/L	NA	NA	NA	NA	NA	NA	

Method Blank (B5L0064-BLK2) Prepared & Analyzed: 12/06/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury, Dissolved	ND	0.20	0.011	ug/L	NA	NA	NA	NA	NA	NA	

Laboratory Control Sample (B5L0064-BS1) Prepared: 12/05/05 Analyzed: 12/06/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury, Dissolved	2.57	0.20	0.011	ug/L	2.50	NA	103	85-115	NA	NA	

Laboratory Control Sample Duplicate (B5L0064-BSD1) Prepared: 12/05/05 Analyzed: 12/06/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury, Dissolved	2.60	0.20	0.011	ug/L	2.50	NA	104	85-115	1.16	20	

Batch B5L0144 - EPA 7470A

Method Blank (B5L0144-BLK1) Prepared: 12/08/05 Analyzed: 12/09/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	ND	0.20	0.011	ug/L	NA	NA	NA	NA	NA	NA	

Laboratory Control Sample (B5L0144-BS1) Prepared: 12/08/05 Analyzed: 12/09/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	2.58	0.20	0.011	ug/L	2.50	NA	103	85-115	NA	NA	

Laboratory Control Sample Duplicate (B5L0144-BSD1) Prepared: 12/08/05 Analyzed: 12/09/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	2.66	0.20	0.011	ug/L	2.50	NA	106	85-115	3.05	20	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506277
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5L0031 - EPA 3510C

Method Blank (B5L0031-BLK1) Prepared: 12/02/05 Analyzed: 12/07/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	ND	5.0	0.33	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	ND	5.0	0.27	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Diphenylhydrazine	ND	5.0	0.37	ug/L	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	ND	5.0	0.30	ug/L	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	ND	5.0	0.29	ug/L	NA	NA	NA	NA	NA	NA	
2,4,5-Trichlorophenol	ND	5.0	0.15	ug/L	NA	NA	NA	NA	NA	NA	
2,4,6-Trichlorophenol	ND	5.0	0.23	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dichlorophenol	ND	10	0.28	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dimethylphenol	ND	5.0	0.40	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dinitrophenol	ND	5.0	0.96	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dinitrotoluene	ND	5.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
2,6-Dinitrotoluene	ND	5.0	0.58	ug/L	NA	NA	NA	NA	NA	NA	
2-Chloronaphthalene	ND	5.0	0.30	ug/L	NA	NA	NA	NA	NA	NA	
2-Chlorophenol	ND	10	0.63	ug/L	NA	NA	NA	NA	NA	NA	
2-Methylnaphthalene	ND	5.0	0.39	ug/L	NA	NA	NA	NA	NA	NA	
2-Methylphenol	ND	10	2.5	ug/L	NA	NA	NA	NA	NA	NA	
2-Nitroaniline	ND	5.0	0.46	ug/L	NA	NA	NA	NA	NA	NA	
2-Nitrophenol	ND	10	0.54	ug/L	NA	NA	NA	NA	NA	NA	
3,3-Dichlorobenzidine	ND	5.0	0.54	ug/L	NA	NA	NA	NA	NA	NA	
3-/4-Methylphenol	ND	10	0.28	ug/L	NA	NA	NA	NA	NA	NA	
3-Nitroaniline	ND	5.0	0.66	ug/L	NA	NA	NA	NA	NA	NA	
4,6-Dinitro-2-methylphenol	ND	5.0	0.70	ug/L	NA	NA	NA	NA	NA	NA	
4-Bromophenyl phenyl ether	ND	5.0	0.24	ug/L	NA	NA	NA	NA	NA	NA	
4-Chloro-3-methylphenol	ND	5.0	0.23	ug/L	NA	NA	NA	NA	NA	NA	
4-Chloroaniline	ND	5.0	0.59	ug/L	NA	NA	NA	NA	NA	NA	
4-Chlorophenyl phenyl ether	ND	2.0	0.25	ug/L	NA	NA	NA	NA	NA	NA	
4-Nitroaniline	ND	5.0	0.34	ug/L	NA	NA	NA	NA	NA	NA	
4-Nitrophenol	ND	5.0	0.82	ug/L	NA	NA	NA	NA	NA	NA	
Acenaphthene	ND	2.0	0.26	ug/L	NA	NA	NA	NA	NA	NA	
Acenaphthylene	ND	2.0	0.19	ug/L	NA	NA	NA	NA	NA	NA	
Aniline	ND	5.0	0.88	ug/L	NA	NA	NA	NA	NA	NA	
Anthracene	ND	2.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Benz(a)anthracene	ND	2.0	0.71	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(a)pyrene	ND	2.0	0.77	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(b)fluoranthene	ND	2.0	0.42	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(g,h,i)perylene	ND	2.0	0.67	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(k)fluoranthene	ND	2.0	0.75	ug/L	NA	NA	NA	NA	NA	NA	
Benzyl alcohol	ND	10	0.32	ug/L	NA	NA	NA	NA	NA	NA	
bis(2-Chloroethoxy)methane	ND	5.0	0.34	ug/L	NA	NA	NA	NA	NA	NA	

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675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5L0031 - EPA 3510C

Method Blank (B5L0031-BLK1) Prepared: 12/02/05 Analyzed: 12/07/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Bis(2-Chloroethyl)ether	ND	5.0	0.42	ug/L	NA	NA	NA	NA	NA	NA	
Bis(2-chloroisopropyl)ether	ND	5.0	0.32	ug/L	NA	NA	NA	NA	NA	NA	
Bis(2-Ethylhexyl)phthalate	ND	5.0	1.5	ug/L	NA	NA	NA	NA	NA	NA	
Butyl benzyl phthalate	ND	5.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
Carbazole	ND	5.0	0.34	ug/L	NA	NA	NA	NA	NA	NA	
Chrysene	ND	2.0	0.70	ug/L	NA	NA	NA	NA	NA	NA	
Dibenz(a,h)anthracene	ND	2.0	0.78	ug/L	NA	NA	NA	NA	NA	NA	
Dibenzofuran	ND	5.0	0.27	ug/L	NA	NA	NA	NA	NA	NA	
Diethylphthalate	ND	5.0	0.30	ug/L	NA	NA	NA	NA	NA	NA	
Dimethyl phthalate	ND	5.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Di-n-butyl phthalate	ND	5.0	0.47	ug/L	NA	NA	NA	NA	NA	NA	
Di-n-octyl phthalate	ND	5.0	0.80	ug/L	NA	NA	NA	NA	NA	NA	
Fluoranthene	ND	2.0	0.26	ug/L	NA	NA	NA	NA	NA	NA	
Fluorene	ND	2.0	0.46	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorobenzene	ND	5.0	0.24	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorobutadiene	ND	5.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorocyclopentadiene	ND	5.0	0.28	ug/L	NA	NA	NA	NA	NA	NA	
Hexachloroethane	ND	5.0	0.35	ug/L	NA	NA	NA	NA	NA	NA	
Indeno(1,2,3-cd)pyrene	ND	2.0	0.78	ug/L	NA	NA	NA	NA	NA	NA	
Isophorone	ND	5.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Naphthalene	ND	5.0	0.32	ug/L	NA	NA	NA	NA	NA	NA	
Nitrobenzene	ND	5.0	0.27	ug/L	NA	NA	NA	NA	NA	NA	
N-Nitrosodimethylamine	ND	5.0	0.26	ug/L	NA	NA	NA	NA	NA	NA	
N-Nitrosodi-n-propylamine	ND	5.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
N-Nitrosodiphenylamine	ND	5.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
Pentachlorophenol	ND	5.0	0.54	ug/L	NA	NA	NA	NA	NA	NA	
Phenanthrene	ND	2.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Phenol	ND	10	2.1	ug/L	NA	NA	NA	NA	NA	NA	
Pyrene	ND	2.0	0.50	ug/L	NA	NA	NA	NA	NA	NA	
Pyridine	ND	10	2.4	ug/L	NA	NA	NA	NA	NA	NA	
Surrogate: 2,4,6-Tribromophenol	*39.8*			ug/L	*50.0*	*NA*	*79.6*	*65-100*			
Surrogate: 2-Fluorobiphenyl	*18.0*			ug/L	*25.0*	*NA*	*72.0*	*59-101*			
Surrogate: 2-Fluorophenol	*21.8*			ug/L	*50.0*	*NA*	*43.6*	*30-75*			
Surrogate: Nitrobenzene-d5	*15.4*			ug/L	*25.0*	*NA*	*61.6*	*57-101*			
Surrogate: Phenol-d6	*18.3*			ug/L	*50.0*	*NA*	*36.6*	*30-75*			
Surrogate: Terphenyl-d14	*21.2*			ug/L	*25.0*	*NA*	*84.8*	*65-100*			

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5L0031 - EPA 3510C

Laboratory Control Sample (B5L0031-BS1) Prepared: 12/02/05 Analyzed: 12/07/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	35.8	5.0	0.33	ug/L	50.0	NA	71.6	30-120	NA	NA	
1,4-Dichlorobenzene	37.2	5.0	0.29	ug/L	50.0	NA	74.4	40-110	NA	NA	
2-Chlorophenol	37.1	10	0.63	ug/L	50.0	NA	74.2	40-100	NA	NA	
4-Chloro-3-methylphenol	41.7	5.0	0.23	ug/L	50.0	NA	83.4	50-110	NA	NA	
4-Nitrophenol	28.3	5.0	0.82	ug/L	50.0	NA	56.6	30-80	NA	NA	
Acenaphthene	44.5	2.0	0.26	ug/L	50.0	NA	89.0	50-110	NA	NA	
N-Nitrosodi-n-propylamine	42.2	5.0	0.31	ug/L	50.0	NA	84.4	45-120	NA	NA	
Pentachlorophenol	39.9	5.0	0.54	ug/L	50.0	NA	79.8	45-115	NA	NA	
Phenol	25.8	10	2.1	ug/L	50.0	NA	51.6	30-80	NA	NA	
Pyrene	48.8	2.0	0.50	ug/L	50.0	NA	97.6	55-120	NA	NA	
Surrogate: 2,4,6-Tribromophenol	*53.9*			ug/L	*50.0*	*NA*	*108*	*65-100*			
Surrogate: 2-Fluorobiphenyl	*21.7*			ug/L	*25.0*	*NA*	*86.8*	*59-101*			
Surrogate: 2-Fluorophenol	*25.8*			ug/L	*50.0*	*NA*	*51.6*	*30-75*			
Surrogate: Nitrobenzene-d5	*18.2*			ug/L	*25.0*	*NA*	*72.8*	*57-101*			
Surrogate: Phenol-d6	*23.3*			ug/L	*50.0*	*NA*	*46.6*	*30-75*			
Surrogate: Terphenyl-d14	*24.3*			ug/L	*25.0*	*NA*	*97.2*	*65-100*			

Laboratory Control Sample Duplicate (B5L0031-BSD1) Prepared: 12/02/05 Analyzed: 12/07/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	35.3	5.0	0.33	ug/L	50.0	NA	70.6	30-120	1.41	20	
1,4-Dichlorobenzene	35.0	5.0	0.29	ug/L	50.0	NA	70.0	40-110	6.09	20	
2-Chlorophenol	35.4	10	0.63	ug/L	50.0	NA	70.8	40-100	4.69	20	
4-Chloro-3-methylphenol	39.5	5.0	0.23	ug/L	50.0	NA	79.0	50-110	5.42	20	
4-Nitrophenol	26.3	5.0	0.82	ug/L	50.0	NA	52.6	30-80	7.33	20	
Acenaphthene	43.1	2.0	0.26	ug/L	50.0	NA	86.2	50-110	3.20	20	
N-Nitrosodi-n-propylamine	42.4	5.0	0.31	ug/L	50.0	NA	84.8	45-120	0.473	20	
Pentachlorophenol	37.6	5.0	0.54	ug/L	50.0	NA	75.2	45-115	5.94	20	
Phenol	23.0	10	2.1	ug/L	50.0	NA	46.0	30-80	11.5	20	
Pyrene	48.4	2.0	0.50	ug/L	50.0	NA	96.8	55-120	0.823	20	
Surrogate: 2,4,6-Tribromophenol	*53.6*			ug/L	*50.0*	*NA*	*107*	*65-100*			
Surrogate: 2-Fluorobiphenyl	*19.9*			ug/L	*25.0*	*NA*	*79.6*	*59-101*			
Surrogate: 2-Fluorophenol	*23.0*			ug/L	*50.0*	*NA*	*46.0*	*30-75*			
Surrogate: Nitrobenzene-d5	*17.9*			ug/L	*25.0*	*NA*	*71.6*	*57-101*			
Surrogate: Phenol-d6	*21.0*			ug/L	*50.0*	*NA*	*42.0*	*30-75*			
Surrogate: Terphenyl-d14	*23.9*			ug/L	*25.0*	*NA*	*95.6*	*65-100*			

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11001 Hampshire Ave. S.
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Service Engineering Group	Client Ref:05500	Work Order #: 0506277
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0162 - EPA 5030B

Method Blank (B5L0162-BLK1) Prepared & Analyzed: 12/07/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
1,1,1-Trichloroethane	ND	1.0	0.050	ug/L	NA	NA	NA	NA	NA	NA	
1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/L	NA	NA	NA	NA	NA	NA	
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
1,1,2-Trichlorotrifluoroethane	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
1,1-Dichloroethane	ND	1.0	0.053	ug/L	NA	NA	NA	NA	NA	NA	
1,1-Dichloroethene	ND	1.0	0.085	ug/L	NA	NA	NA	NA	NA	NA	
1,1-Dichloropropene	ND	1.0	0.073	ug/L	NA	NA	NA	NA	NA	NA	
1,2,3-Trichlorobenzene	ND	1.0	0.11	ug/L	NA	NA	NA	NA	NA	NA	
1,2,3-Trichloropropane	ND	1.0	0.30	ug/L	NA	NA	NA	NA	NA	NA	
1,2,4-Trichlorobenzene	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
1,2,4-Trimethylbenzene	ND	1.0	0.071	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dibromo-3-chloropropane	ND	1.0	0.41	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dibromoethane	ND	1.0	0.064	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichloroethane	ND	1.0	0.053	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichloropropane	ND	1.0	0.050	ug/L	NA	NA	NA	NA	NA	NA	
1,3,5-Trimethylbenzene	ND	1.0	0.097	ug/L	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	ND	1.0	0.083	ug/L	NA	NA	NA	NA	NA	NA	
1,3-Dichloropropane	ND	1.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
2,2-Dichloropropane	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
2-Butanone (MEK)	ND	10	1.3	ug/L	NA	NA	NA	NA	NA	NA	
2-Chlorotoluene	ND	1.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
4-Chlorotoluene	ND	1.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
4-Isopropyltoluene	ND	1.0	0.058	ug/L	NA	NA	NA	NA	NA	NA	
Acetone	ND	20	1.5	ug/L	NA	NA	NA	NA	NA	NA	
Allyl Chloride	ND	1.0	0.26	ug/L	NA	NA	NA	NA	NA	NA	
Benzene	ND	1.0	0.045	ug/L	NA	NA	NA	NA	NA	NA	
Bromobenzene	ND	1.0	0.15	ug/L	NA	NA	NA	NA	NA	NA	
Bromochloromethane	ND	1.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Bromodichloromethane	ND	1.0	0.11	ug/L	NA	NA	NA	NA	NA	NA	
Bromoform	ND	5.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
Bromomethane	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
Carbon Tetrachloride	ND	1.0	0.057	ug/L	NA	NA	NA	NA	NA	NA	
Chlorobenzene	ND	1.0	0.042	ug/L	NA	NA	NA	NA	NA	NA	
Chlorodibromomethane	ND	1.0	0.028	ug/L	NA	NA	NA	NA	NA	NA	
Chloroethane	ND	1.0	0.11	ug/L	NA	NA	NA	NA	NA	NA	
Chloroform	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506277
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0162 - EPA 5030B

Method Blank (B5L0162-BLK1) Prepared & Analyzed: 12/07/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	ND	1.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
cis-1,2-Dichloroethene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
cis-1,3-Dichloropropene	ND	1.0	0.041	ug/L	NA	NA	NA	NA	NA	NA	
Dibromomethane	ND	1.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
Dichlorodifluoromethane	ND	1.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
Dichlorofluoromethane	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
Ethyl Ether	ND	1.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
Ethylbenzene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorobutadiene	ND	2.0	0.24	ug/L	NA	NA	NA	NA	NA	NA	
Isopropylbenzene	ND	1.0	0.064	ug/L	NA	NA	NA	NA	NA	NA	
m,p-Xylenes	ND	1.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
Methyl Isobutyl Ketone	ND	5.0	0.42	ug/L	NA	NA	NA	NA	NA	NA	
Methylene chloride	ND	5.0	0.63	ug/L	NA	NA	NA	NA	NA	NA	
Methyl-t-butyl ether	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
Naphthalene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
n-Butylbenzene	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
n-Propylbenzene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
o-Xylene	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
sec-Butylbenzene	ND	1.0	0.042	ug/L	NA	NA	NA	NA	NA	NA	
Styrene	ND	1.0	0.047	ug/L	NA	NA	NA	NA	NA	NA	
tert-Butylbenzene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
Tetrachloroethene	ND	2.0	0.19	ug/L	NA	NA	NA	NA	NA	NA	
Tetrahydrofuran	ND	5.0	1.2	ug/L	NA	NA	NA	NA	NA	NA	
Toluene	ND	1.0	0.17	ug/L	NA	NA	NA	NA	NA	NA	
trans-1,2-Dichloroethene	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
trans-1,3-Dichloropropene	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
Trichloroethene	ND	1.0	0.073	ug/L	NA	NA	NA	NA	NA	NA	
Trichlorofluoromethane	ND	1.0	0.19	ug/L	NA	NA	NA	NA	NA	NA	
Vinyl chloride	ND	1.0	0.25	ug/L	NA	NA	NA	NA	NA	NA	
Surrogate: 1,2-Dichloroethane-d4	*23.0*			ug/L	*25.0*	*NA*	*92.0*	*82-128*			
Surrogate: 4-Bromofluorobenzene	*27.7*			ug/L	*25.0*	*NA*	*111*	*76-119*			
Surrogate: Dibromofluoromethane	*25.9*			ug/L	*25.0*	*NA*	*104*	*79-127*			
Surrogate: Toluene-d8	*26.3*			ug/L	*25.0*	*NA*	*105*	*82-116*			

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Service Engineering Group	Client Ref:05500	Work Order #: 0506277
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0162 - EPA 5030B

Laboratory Control Sample (B5L0162-BS1) Prepared & Analyzed: 12/07/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	29.8	1.0	0.14	ug/L	25.0	NA	119	80-120	NA	NA	
1,1,1-Trichloroethane	27.3	1.0	0.050	ug/L	25.0	NA	109	80-120	NA	NA	
1,1,2,2-Tetrachloroethane	25.1	1.0	0.23	ug/L	25.0	NA	100	80-120	NA	NA	
1,1,2-Trichloroethane	24.9	1.0	0.20	ug/L	25.0	NA	99.6	80-120	NA	NA	
1,1,2-Trichlorotrifluoroethane	29.5	1.0	0.12	ug/L	25.0	NA	118	80-120	NA	NA	
1,1-Dichloroethane	23.9	1.0	0.053	ug/L	25.0	NA	95.6	80-120	NA	NA	
1,1-Dichloroethene	27.7	1.0	0.085	ug/L	25.0	NA	111	80-120	NA	NA	
1,1-Dichloropropene	24.7	1.0	0.073	ug/L	25.0	NA	98.8	80-120	NA	NA	
1,2,3-Trichlorobenzene	25.6	1.0	0.11	ug/L	25.0	NA	102	80-120	NA	NA	
1,2,3-Trichloropropane	26.7	1.0	0.30	ug/L	25.0	NA	107	80-120	NA	NA	
1,2,4-Trichlorobenzene	24.9	1.0	0.14	ug/L	25.0	NA	99.6	80-120	NA	NA	
1,2,4-Trimethylbenzene	23.7	1.0	0.071	ug/L	25.0	NA	94.8	80-120	NA	NA	
1,2-Dibromo-3-chloropropane	25.2	1.0	0.41	ug/L	25.0	NA	101	80-120	NA	NA	
1,2-Dibromoethane	27.7	1.0	0.064	ug/L	25.0	NA	111	80-120	NA	NA	
1,2-Dichlorobenzene	23.9	1.0	0.12	ug/L	25.0	NA	95.6	80-120	NA	NA	
1,2-Dichloroethane	23.4	1.0	0.053	ug/L	25.0	NA	93.6	80-120	NA	NA	
1,2-Dichloropropane	20.9	1.0	0.050	ug/L	25.0	NA	83.6	80-120	NA	NA	
1,3,5-Trimethylbenzene	23.6	1.0	0.097	ug/L	25.0	NA	94.4	80-120	NA	NA	
1,3-Dichlorobenzene	22.4	1.0	0.083	ug/L	25.0	NA	89.6	80-120	NA	NA	
1,3-Dichloropropane	24.5	1.0	0.13	ug/L	25.0	NA	98.0	80-120	NA	NA	
1,4-Dichlorobenzene	23.6	1.0	0.12	ug/L	25.0	NA	94.4	80-120	NA	NA	
2,2-Dichloropropane	26.5	1.0	0.10	ug/L	25.0	NA	106	80-120	NA	NA	
2-Butanone (MEK)	23.0	10	1.3	ug/L	25.0	NA	92.0	80-120	NA	NA	
2-Chlorotoluene	24.0	1.0	0.20	ug/L	25.0	NA	96.0	80-120	NA	NA	
4-Chlorotoluene	23.6	1.0	0.13	ug/L	25.0	NA	94.4	80-120	NA	NA	
4-Isopropyltoluene	25.1	1.0	0.058	ug/L	25.0	NA	100	80-120	NA	NA	
Acetone	26.7	20	1.5	ug/L	25.0	NA	107	80-120	NA	NA	
Allyl Chloride	25.2	1.0	0.26	ug/L	25.0	NA	101	80-120	NA	NA	
Benzene	22.6	1.0	0.045	ug/L	25.0	NA	90.4	80-120	NA	NA	
Bromobenzene	23.7	1.0	0.15	ug/L	25.0	NA	94.8	80-120	NA	NA	
Bromochloromethane	28.5	1.0	0.21	ug/L	25.0	NA	114	80-120	NA	NA	
Bromodichloromethane	24.6	1.0	0.11	ug/L	25.0	NA	98.4	80-120	NA	NA	
Bromoform	27.0	5.0	0.13	ug/L	25.0	NA	108	80-120	NA	NA	
Bromomethane	27.4	1.0	0.14	ug/L	25.0	NA	110	80-120	NA	NA	
Carbon Tetrachloride	27.3	1.0	0.057	ug/L	25.0	NA	109	80-120	NA	NA	
Chlorobenzene	28.3	1.0	0.042	ug/L	25.0	NA	113	80-120	NA	NA	
Chlorodibromomethane	30.8	1.0	0.028	ug/L	25.0	NA	123	80-120	NA	NA	
Chloroethane	24.4	1.0	0.11	ug/L	25.0	NA	97.6	80-120	NA	NA	
Chloroform	25.3	1.0	0.12	ug/L	25.0	NA	101	80-120	NA	NA	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506277
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0162 - EPA 5030B

Laboratory Control Sample (B5L0162-BS1) Prepared & Analyzed: 12/07/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	20.7	1.0	0.20	ug/L	25.0	NA	82.8	80-120	NA	NA	
cis-1,2-Dichloroethene	26.5	1.0	0.10	ug/L	25.0	NA	106	80-120	NA	NA	
cis-1,3-Dichloropropene	23.1	1.0	0.041	ug/L	25.0	NA	92.4	80-120	NA	NA	
Dibromomethane	23.0	1.0	0.20	ug/L	25.0	NA	92.0	80-120	NA	NA	
Dichlorodifluoromethane	18.6	1.0	0.13	ug/L	25.0	NA	74.4	80-120	NA	NA	
Dichlorofluoromethane	24.9	1.0	0.10	ug/L	25.0	NA	99.6	80-120	NA	NA	
Ethyl Ether	23.6	1.0	0.31	ug/L	25.0	NA	94.4	80-120	NA	NA	
Ethylbenzene	27.1	1.0	0.10	ug/L	25.0	NA	108	80-120	NA	NA	
Hexachlorobutadiene	24.9	2.0	0.24	ug/L	25.0	NA	99.6	80-120	NA	NA	
Isopropylbenzene	28.4	1.0	0.064	ug/L	25.0	NA	114	80-120	NA	NA	
m,p-Xylenes	55.6	1.0	0.13	ug/L	50.0	NA	111	80-120	NA	NA	
Methyl Isobutyl Ketone	19.4	5.0	0.42	ug/L	25.0	NA	77.6	80-120	NA	NA	
Methylene chloride	24.4	5.0	0.63	ug/L	25.0	NA	97.6	80-120	NA	NA	
Methyl-t-butyl ether	23.9	1.0	0.12	ug/L	25.0	NA	95.6	80-120	NA	NA	
Naphthalene	25.2	1.0	0.10	ug/L	25.0	NA	101	80-120	NA	NA	
n-Butylbenzene	23.0	1.0	0.12	ug/L	25.0	NA	92.0	80-120	NA	NA	
n-Propylbenzene	24.2	1.0	0.10	ug/L	25.0	NA	96.8	80-120	NA	NA	
o-Xylene	27.6	1.0	0.14	ug/L	25.0	NA	110	80-120	NA	NA	
sec-Butylbenzene	24.2	1.0	0.042	ug/L	25.0	NA	96.8	80-120	NA	NA	
Styrene	28.3	1.0	0.047	ug/L	25.0	NA	113	80-120	NA	NA	
tert-Butylbenzene	24.6	1.0	0.10	ug/L	25.0	NA	98.4	80-120	NA	NA	
Tetrachloroethene	27.9	2.0	0.19	ug/L	25.0	NA	112	80-120	NA	NA	
Tetrahydrofuran	18.3	5.0	1.2	ug/L	25.0	NA	73.2	80-120	NA	NA	
Toluene	25.1	1.0	0.17	ug/L	25.0	NA	100	80-120	NA	NA	
trans-1,2-Dichloroethene	26.1	1.0	0.14	ug/L	25.0	NA	104	80-120	NA	NA	
trans-1,3-Dichloropropene	23.5	1.0	0.12	ug/L	25.0	NA	94.0	80-120	NA	NA	
Trichloroethene	26.6	1.0	0.073	ug/L	25.0	NA	106	80-120	NA	NA	
Trichlorofluoromethane	26.6	1.0	0.19	ug/L	25.0	NA	106	80-120	NA	NA	
Vinyl chloride	21.1	1.0	0.25	ug/L	25.0	NA	84.4	80-120	NA	NA	
Surrogate: 1,2-Dichloroethane-d4	*22.9*			ug/L	*25.0*	*NA*	*91.6*	*82-128*			
Surrogate: 4-Bromofluorobenzene	*28.8*			ug/L	*25.0*	*NA*	*115*	*76-119*			
Surrogate: Dibromofluoromethane	*27.1*			ug/L	*25.0*	*NA*	*108*	*79-127*			
Surrogate: Toluene-d8	*26.2*			ug/L	*25.0*	*NA*	*105*	*82-116*			

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Service Engineering Group	Client Ref:05500	Work Order #: 0506277
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0162 - EPA 5030B

Laboratory Control Sample Duplicate (B5L0162-BSD1) Prepared & Analyzed: 12/07/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	29.8	1.0	0.14	ug/L	25.0	NA	119	80-120	0.00	20	
1,1,1-Trichloroethane	26.7	1.0	0.050	ug/L	25.0	NA	107	80-120	2.22	20	
1,1,2,2-Tetrachloroethane	24.3	1.0	0.23	ug/L	25.0	NA	97.2	80-120	3.24	20	
1,1,2-Trichloroethane	24.5	1.0	0.20	ug/L	25.0	NA	98.0	80-120	1.62	20	
1,1,2-Trichlorotrifluoroethane	29.1	1.0	0.12	ug/L	25.0	NA	116	80-120	1.37	20	
1,1-Dichloroethane	22.8	1.0	0.053	ug/L	25.0	NA	91.2	80-120	4.71	20	
1,1-Dichloroethene	26.4	1.0	0.085	ug/L	25.0	NA	106	80-120	4.81	20	
1,1-Dichloropropene	24.4	1.0	0.073	ug/L	25.0	NA	97.6	80-120	1.22	20	
1,2,3-Trichlorobenzene	23.2	1.0	0.11	ug/L	25.0	NA	92.8	80-120	9.84	20	
1,2,3-Trichloropropane	26.2	1.0	0.30	ug/L	25.0	NA	105	80-120	1.89	20	
1,2,4-Trichlorobenzene	23.6	1.0	0.14	ug/L	25.0	NA	94.4	80-120	5.36	20	
1,2,4-Trimethylbenzene	24.0	1.0	0.071	ug/L	25.0	NA	96.0	80-120	1.26	20	
1,2-Dibromo-3-chloropropane	24.3	1.0	0.41	ug/L	25.0	NA	97.2	80-120	3.64	20	
1,2-Dibromoethane	27.2	1.0	0.064	ug/L	25.0	NA	109	80-120	1.82	20	
1,2-Dichlorobenzene	24.0	1.0	0.12	ug/L	25.0	NA	96.0	80-120	0.418	20	
1,2-Dichloroethane	22.9	1.0	0.053	ug/L	25.0	NA	91.6	80-120	2.16	20	
1,2-Dichloropropane	20.9	1.0	0.050	ug/L	25.0	NA	83.6	80-120	0.00	20	
1,3,5-Trimethylbenzene	24.0	1.0	0.097	ug/L	25.0	NA	96.0	80-120	1.68	20	
1,3-Dichlorobenzene	24.5	1.0	0.083	ug/L	25.0	NA	98.0	80-120	8.96	20	
1,3-Dichloropropane	24.2	1.0	0.13	ug/L	25.0	NA	96.8	80-120	1.23	20	
1,4-Dichlorobenzene	23.9	1.0	0.12	ug/L	25.0	NA	95.6	80-120	1.26	20	
2,2-Dichloropropane	25.8	1.0	0.10	ug/L	25.0	NA	103	80-120	2.68	20	
2-Butanone (MEK)	22.8	10	1.3	ug/L	25.0	NA	91.2	80-120	0.873	20	
2-Chlorotoluene	23.8	1.0	0.20	ug/L	25.0	NA	95.2	80-120	0.837	20	
4-Chlorotoluene	23.7	1.0	0.13	ug/L	25.0	NA	94.8	80-120	0.423	20	
4-Isopropyltoluene	25.3	1.0	0.058	ug/L	25.0	NA	101	80-120	0.794	20	
Acetone	27.8	20	1.5	ug/L	25.0	NA	111	80-120	4.04	20	
Allyl Chloride	24.1	1.0	0.26	ug/L	25.0	NA	96.4	80-120	4.46	20	
Benzene	22.2	1.0	0.045	ug/L	25.0	NA	88.8	80-120	1.79	20	
Bromobenzene	23.6	1.0	0.15	ug/L	25.0	NA	94.4	80-120	0.423	20	
Bromochloromethane	27.6	1.0	0.21	ug/L	25.0	NA	110	80-120	3.21	20	
Bromodichloromethane	24.3	1.0	0.11	ug/L	25.0	NA	97.2	80-120	1.23	20	
Bromoform	26.1	5.0	0.13	ug/L	25.0	NA	104	80-120	3.39	20	
Bromomethane	25.6	1.0	0.14	ug/L	25.0	NA	102	80-120	6.79	20	
Carbon Tetrachloride	27.4	1.0	0.057	ug/L	25.0	NA	110	80-120	0.366	20	
Chlorobenzene	28.2	1.0	0.042	ug/L	25.0	NA	113	80-120	0.354	20	
Chlorodibromomethane	30.5	1.0	0.028	ug/L	25.0	NA	122	80-120	0.979	20	
Chloroethane	23.7	1.0	0.11	ug/L	25.0	NA	94.8	80-120	2.91	20	
Chloroform	24.6	1.0	0.12	ug/L	25.0	NA	98.4	80-120	2.81	20	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506277
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0162 - EPA 5030B

Laboratory Control Sample Duplicate (B5L0162-BSD1) Prepared & Analyzed: 12/07/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	20.4	1.0	0.20	ug/L	25.0	NA	81.6	80-120	1.46	20	
cis-1,2-Dichloroethene	25.5	1.0	0.10	ug/L	25.0	NA	102	80-120	3.85	20	
cis-1,3-Dichloropropene	23.0	1.0	0.041	ug/L	25.0	NA	92.0	80-120	0.434	20	
Dibromomethane	22.4	1.0	0.20	ug/L	25.0	NA	89.6	80-120	2.64	20	
Dichlorodifluoromethane	18.1	1.0	0.13	ug/L	25.0	NA	72.4	80-120	2.72	20	
Dichlorofluoromethane	24.7	1.0	0.10	ug/L	25.0	NA	98.8	80-120	0.806	20	
Ethyl Ether	23.5	1.0	0.31	ug/L	25.0	NA	94.0	80-120	0.425	20	
Ethylbenzene	26.9	1.0	0.10	ug/L	25.0	NA	108	80-120	0.741	20	
Hexachlorobutadiene	24.6	2.0	0.24	ug/L	25.0	NA	98.4	80-120	1.21	20	
Isopropylbenzene	28.4	1.0	0.064	ug/L	25.0	NA	114	80-120	0.00	20	
m,p-Xylenes	55.0	1.0	0.13	ug/L	50.0	NA	110	80-120	1.08	20	
Methyl Isobutyl Ketone	18.2	5.0	0.42	ug/L	25.0	NA	72.8	80-120	6.38	20	
Methylene chloride	23.6	5.0	0.63	ug/L	25.0	NA	94.4	80-120	3.33	20	
Methyl-t-butyl ether	23.1	1.0	0.12	ug/L	25.0	NA	92.4	80-120	3.40	20	
Naphthalene	23.4	1.0	0.10	ug/L	25.0	NA	93.6	80-120	7.41	20	
n-Butylbenzene	23.0	1.0	0.12	ug/L	25.0	NA	92.0	80-120	0.00	20	
n-Propylbenzene	24.6	1.0	0.10	ug/L	25.0	NA	98.4	80-120	1.64	20	
o-Xylene	27.4	1.0	0.14	ug/L	25.0	NA	110	80-120	0.727	20	
sec-Butylbenzene	24.3	1.0	0.042	ug/L	25.0	NA	97.2	80-120	0.412	20	
Styrene	27.8	1.0	0.047	ug/L	25.0	NA	111	80-120	1.78	20	
tert-Butylbenzene	24.6	1.0	0.10	ug/L	25.0	NA	98.4	80-120	0.00	20	
Tetrachloroethene	28.1	2.0	0.19	ug/L	25.0	NA	112	80-120	0.714	20	
Tetrahydrofuran	17.5	5.0	1.2	ug/L	25.0	NA	70.0	80-120	4.47	20	
Toluene	25.1	1.0	0.17	ug/L	25.0	NA	100	80-120	0.00	20	
trans-1,2-Dichloroethene	25.4	1.0	0.14	ug/L	25.0	NA	102	80-120	2.72	20	
trans-1,3-Dichloropropene	22.9	1.0	0.12	ug/L	25.0	NA	91.6	80-120	2.59	20	
Trichloroethene	26.6	1.0	0.073	ug/L	25.0	NA	106	80-120	0.00	20	
Trichlorofluoromethane	26.3	1.0	0.19	ug/L	25.0	NA	105	80-120	1.13	20	
Vinyl chloride	21.8	1.0	0.25	ug/L	25.0	NA	87.2	80-120	3.26	20	
Surrogate: 1,2-Dichloroethane-d4	*22.6*			ug/L	*25.0*	*NA*	*90.4*	*82-128*			
Surrogate: 4-Bromofluorobenzene	*28.7*			ug/L	*25.0*	*NA*	*115*	*76-119*			
Surrogate: Dibromofluoromethane	*26.9*			ug/L	*25.0*	*NA*	*108*	*79-127*			
Surrogate: Toluene-d8	*26.5*			ug/L	*25.0*	*NA*	*106*	*82-116*			

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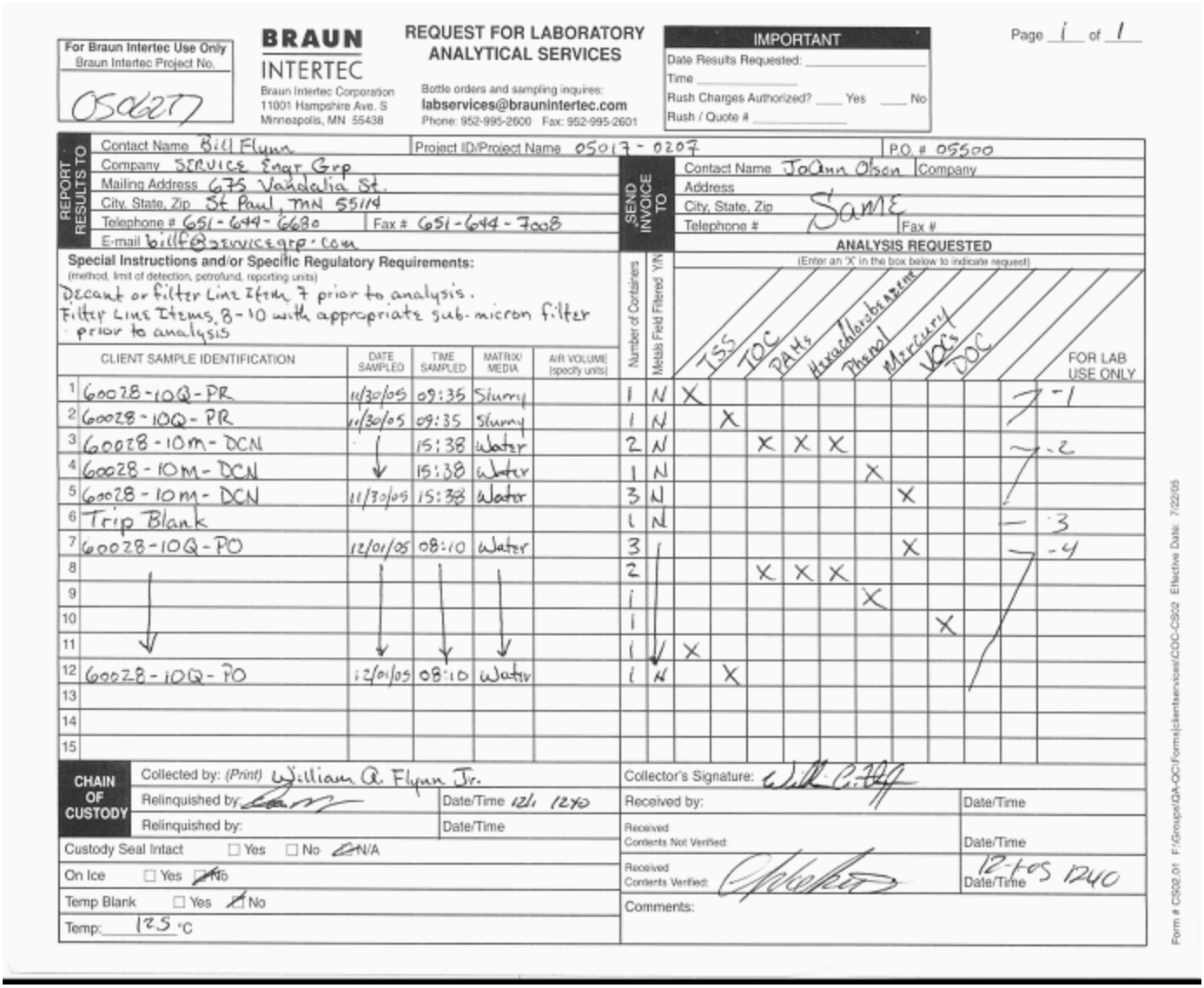
Service Engineering Group	Client Ref:05500	Work Order #: 0506277
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003



BRAUN INTERTEC

Braun Intertec Corporation
11001 Hampshire Ave. S
Minneapolis, MN 55438

Bottle orders and sampling inquires:
labservices@braunintertec.com
Phone: 952-995-2600 Fax: 952-995-2601

For Braun Intertec Use Only
Braun Intertec Project No.
050277

REQUEST FOR LABORATORY ANALYTICAL SERVICES

IMPORTANT
Date Results Requested:
Time
Rush Charges Authorized? ___ Yes ___ No
Rush / Quote #

Page 1 of 1

REPORT RESULTS TO
Contact Name Bill Flynn
Company SERVICE Engr Grp
Mailing Address 675 Vandalia St.
City, State, Zip St Paul, MN 55114
Telephone # 651-644-6680 Fax # 651-644-7008
E-mail billf@servicegrp.com

Project ID/Project Name 05017-0207
P.O. # 05500

SEND INVOICE TO
Contact Name JoAnn Olson Company
Address
City, State, Zip SAME
Telephone # Fax #

Special Instructions and/or Specific Regulatory Requirements:
(method, limit of detection, petrofund, reporting units)
Decant or filter Line Item 7 prior to analysis.
Filter Line Items 8-10 with appropriate sub-micron filter prior to analysis

ANALYSIS REQUESTED
(Enter an 'X' in the box below to indicate request)

	CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)	Number of Containers	Metals Field Filtered Y/N	TSS	TOC	PAHs	Hexachlorobenzene	Phenol	Mercury	VOC's	DOC	FOR LAB USE ONLY
1	60028-10Q-PR	11/30/05	09:35	Slurry		1	N	X								-1
2	60028-10Q-PR	11/30/05	09:35	Slurry		1	N		X							
3	60028-10M-DCN		15:38	Water		2	N			X	X	X				-2
4	60028-10M-DCN		15:38	Water		1	N						X			
5	60028-10M-DCN	11/30/05	15:38	Water		3	N							X		
6	Trip Blank					1	N									-3
7	60028-10Q-PO	12/01/05	08:10	Water		3								X		-4
8						2				X	X	X				
9						1							X			
10						1									X	
11						1		X								
12	60028-10Q-PO	12/01/05	08:10	Water		1	N		X							
13																
14																
15																

CHAIN OF CUSTODY
Collected by: (Print) William A. Flynn Jr.
Collector's Signature:
Relinquished by: Date/Time 12/1 1240
Relinquished by: Date/Time
Received by: Date/Time
Received Contents Not Verified: Date/Time
Received Contents Verified: Date/Time 12-2-05 1240
Custody Seal Intact ☐ Yes ☐ No ☑ N/A
On Ice ☐ Yes ☑ No
Temp Blank ☐ Yes ☑ No
Temp: 12.5 °C
Comments:

Form # CS02.01 F:\Groups\QA-QC\Forms\client services\COC-CS02 Effective Date: 7/22/05

BRAUN INTERTEC

Braun Intertec Corporation
11001 Hampshire Avenue S
Minneapolis, MN 55438

Phone: 952.995.2000
Fax: 952.995.2020
Web: brauninterlec.com

Mr. Bill Flynn
Service Engineering Group
675 Vandalia Street
St. Paul, MN 55114-1312

December 15, 2005

Work Order #: 0506279

RE: 05500

Dear Mr. Bill Flynn

Braun Intertec Corporation received samples for the project identified above on 12/01/05 12:45. Analytical results are summarized in the following report.

All routine quality assurance procedures were followed, unless otherwise noted.

Analytical results are reported on an "as received" basis unless otherwise noted. Where possible, the samples will be retained by the laboratory for 14 days following issuance of the initial final report. The samples will be disposed of or returned at that time. Arrangements can be made for extended storage by contacting me at this time.

We appreciate your decision to use Braun Intertec Corporation for this project. We are committed to being your vendor of choice to meet your analytical chemistry needs.

If you have any questions please contact me at the above phone number.

Sincerely,

Steven J. Albrecht
Associate Principal

Certification/Accreditation Numbers

Minnesota Department of Health: 027-053-117 Wisconsin DNR: 999462640 NVLAP: 1021234-0 AIHA: 101103

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
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Service Engineering Group	Client Ref:05500	Work Order #: 0506279
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

How to Use this Report

In order to get the most out of the information presented in this report please refer to the following explanations as to how the data in this report is tied together and how some of the terms are defined.

Qualifiers and Abbreviations are defined in the following section. You will find these codes used throughout the report in headers and in note sections to designate a unique fact about the data to which they are associated.

The Case Narrative gives a "story" about the analysis and results. Here you will find greater elaboration on relevant qualifiers as well as an explanation of anything of particular note in the data. This is a discussion of the data in terms of quality control and chemistry. It is a summary of any deviations that could affect the usefulness of the data. This is not an interpretation as to how this information relates to regulatory compliance, toxicity, or hazardous characterization. These items are beyond the scope of this report.

The Sample Summary provides detail on sample receipt. The association between Client sample ID and the Laboratory sample ID are defined here; this information is valuable to have when discussing results with your project manager. Sample collection and receipt dates and times are provided here as well. General notes regarding the work order are also documented here. This is a mini "case narrative" that describes any anomalies regarding the condition of the samples upon arrival to the laboratory or special circumstances regarding the work order.

The Conditions Upon Receipt summarizes the results of specific checks that have been performed at sample receipt. This includes items like custody documentation, sample condition, and temperature at receipt. Each "cooler" is identified and the conditions associated with that cooler are documented. A "cooler" is defined as the larger container used to transport the individual samples. In most cases this is a standard recreational cooler but it can be a box, plastic bag, or other container.

The laboratory results are summarized in the following sections. Data is broken down into major categories for convenience. An example of such a category would be "Total Petroleum Hydrocarbons." Here you would find data that references the testing of such parameters as diesel range organics and gasoline range organics. Other categories are similarly mapped. The batch number is associated with each sample. This is important to evaluate Quality Control (QC) data. Surrogate results samples are provided with each sample. Laboratory control limits are provided for comparison (see below). The reference method is also identified. If a method is denoted with an "M" (e.g. EPA 1234(M)) this means that it has been modified. An explanation of the modification will be found in the Case Narrative. A result is given with appropriate units. If a soil sample is dry-weight corrected then the word "dry" will appear next to the units. If the word "dry" does not appear then the result is "as received."

The Method Reporting Limit (MRL) and Method Detection Limit (MDL) are provided. It is important to understand these terms. The MRL is a level that has been empirically verified to provide reliable quantitation of results. Results that are equal to or greater than this value will show up as bolded. They are considered "hits." The MDL is a statistically derived number that indicates, with high confidence, that an analyte can be detected above noise level. If a result is less than this value it is marked as "ND" for "Non-Detect." If a result is less than the MRL but greater than the MDL then it is considered an estimate. Such a result is reported with a "J" flag denoting that it has been detected but that the result is an estimate. This is consistent with the *CLP Statement of Work* and the *National Functional Guidelines.*

The Quality Control (QC) samples are documented in the following section. Here you will find the preparation batches associated with each sample from the results section. The sample preparation method is also defined here. Accuracy is represented here in terms of a percent recovery as compared to a known value. Precision is represented as a relative percent difference between two duplicate sample aliquots. The laboratory control limits are provided as a means to evaluate the quality control data. If the result falls outside the laboratory control limits this simply means that it is outside what is typical for the laboratory and is noted accordingly. This does not mean that the data is invalid. Laboratory control limits are generally tighter than most program limits. This is a very important distinction. How the data is ultimately used determines its validity. Program requirements are defined in the Quality Assurance Project Plan (QAPP) governing the project. If your project manager is aware of your specific program requirements then a note will be made in the case narrative if the data fails to meet any of these requirements.

The last section contains copies of important documents and/or instrument printouts relavent to the report. This includes the chain of custody. It also may include items like chromatograms or spectra.

Please note that this report is paginated and must be reproduced in its entirety.

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Service Engineering Group	Client Ref:05500	Work Order #: 0506279
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Qualifiers and Abbreviations

ts	This analysis was performed by a subcontract laboratory.
J	Detected but below the Method Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
go	The laboratory control sample recovery is outside of laboratory control limits.
COC	Chain of Custody
dry	Sample results reported on a dry weight basis
MDL	Method Detection Limit
MRL	Method Reporting Limit
NA	Not Applicable
ND	Analyte NOT DETECTED
NR	Not Reported
%Rec	Percent Recovery
RPD	Relative Percent Difference
VOC	Volatile Organic Compound

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

SAMPLE SUMMARY

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
60028-1M-PR	0506279-01	Water	12/01/05 09:35	12/01/05 12:45
60028-1M-PR	0506279-02	Soil	12/01/05 09:55	12/01/05 12:45

The results in this report apply only to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Conditions Upon Receipt

Cooler: Cooler #1

Temperature:	12.5 °C	**Received on Ice:**	No	**Preservation Confirmed:**	No
COC Included:	Yes	**Hand Delivered by Sampler:**	Yes	**Temperature Blank:**	No
Custody Seals Used:	No	**Sufficient Sample Provided:**	Yes	**COC Complete:**	Yes
Custody Seals Intact:	No	**Headspace Present (VOC):**	No	**COC & Labels Agree:**	Yes

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Service Engineering Group	Client Ref:05500	Work Order #: 0506279
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

60028-1M-PR

0506279-01 (Water)

12/1/05 9:35

Classical Chemistry Parameters

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Total Suspended Solids	**22000**	100	72	mg/L	B5L0028	12/1/05	12/2/05	EPA 160.2	
Total Organic Carbon	**16**	8.0	3.0	mg/L	B5L0235	12/11/05	12/12/05	EPA 9060	ts

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

60028-1M-PR

0506279-02 (Soil)

12/1/05 9:55

Classical Chemistry Parameters

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
% Solids	**61**			% Wt	B5L0165	12/9/05	12/12/05	ASTM D2216	

Metals

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Mercury	**1.8**	0.22	0.010	mg/kg dry	B5L0188	12/12/05	12/13/05	EPA 7471A	

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,2,4-Trichlorobenzene	ND	0.22	0.032	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
1,2-Dichlorobenzene	0.14 J	0.22	0.016	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
1,2-Diphenylhydrazine	ND	0.22	0.019	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
1,3-Dichlorobenzene	ND	0.22	0.026	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
1,4-Dichlorobenzene	ND	0.22	0.032	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
2,4,5-Trichlorophenol	ND	0.22	0.062	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
2,4,6-Trichlorophenol	ND	0.22	0.055	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
2,4-Dichlorophenol	ND	0.22	0.062	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
2,4-Dimethylphenol	ND	0.55	0.19	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
2,4-Dinitrophenol	ND	0.55	0.058	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
2,4-Dinitrotoluene	ND	0.22	0.023	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
2,6-Dinitrotoluene	ND	0.22	0.019	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
2-Chloronaphthalene	ND	0.22	0.023	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
2-Chlorophenol	ND	0.22	0.058	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
2-Methylnaphthalene	**4.9**	0.22	0.075	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
2-Methylphenol	ND	0.55	0.055	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
2-Nitroaniline	ND	0.22	0.058	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
2-Nitrophenol	ND	0.22	0.062	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
3,3-Dichlorobenzidine	ND	1.1	0.055	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
3-/4-Methylphenol	0.44 J	0.55	0.068	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
3-Nitroaniline	ND	0.55	0.058	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
4,6-Dinitro-2-methylphenol	ND	0.55	0.032	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506279
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

60028-1M-PR

0506279-02 (Soil)

12/1/05 9:55

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
4-Bromophenyl phenyl ether	ND	0.22	0.032	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
4-Chloro-3-methylphenol	ND	0.22	0.071	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
4-Chloroaniline	ND	0.55	0.058	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	0.22	0.036	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
4-Nitroaniline	ND	0.22	0.049	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
4-Nitrophenol	ND	0.22	0.068	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Acenaphthene	**4.1**	0.22	0.032	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Acenaphthylene	**1.0**	0.22	0.023	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Aniline	ND	0.55	0.14	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Anthracene	**6.3**	0.22	0.032	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Benz(a)anthracene	**6.9**	0.22	0.032	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Benzo(a)pyrene	**5.9**	0.22	0.026	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Benzo(b)fluoranthene	**4.7**	0.22	0.055	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Benzo(g,h,i)perylene	**2.8**	0.22	0.019	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Benzo(k)fluoranthene	**3.8**	0.22	0.045	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Benzyl alcohol	ND	0.22	0.088	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
bis(2-Chloroethoxy)methane	ND	0.22	0.036	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Bis(2-Chloroethyl)ether	ND	0.22	0.039	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Bis(2-chloroisopropyl)ether	ND	0.22	0.045	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Bis(2-Ethylhexyl)phthalate	**1.2**	1.1	0.029	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Butyl benzyl phthalate	ND	0.22	0.026	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Carbazole	**0.62**	0.22	0.049	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Chrysene	**7.3**	0.22	0.032	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Dibenz(a,h)anthracene	**0.31**	0.22	0.068	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Dibenzofuran	**1.3**	0.22	0.042	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Diethylphthalate	ND	0.22	0.036	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Dimethyl phthalate	ND	0.22	0.036	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Di-n-butyl phthalate	ND	1.1	0.045	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Di-n-octyl phthalate	ND	0.22	0.032	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Fluoranthene	**17**	1.1	0.11	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

60028-1M-PR

0506279-02 (Soil)

12/1/05 9:55

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Fluorene	**4.3**	0.22	0.013	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Hexachlorobenzene	ND	0.22	0.029	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Hexachlorobutadiene	ND	0.22	0.019	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Hexachlorocyclopentadiene	ND	0.22	0.029	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Hexachloroethane	ND	0.22	0.029	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Indeno(1,2,3-cd)pyrene	**2.8**	0.22	0.029	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Isophorone	ND	0.22	0.032	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Naphthalene	**6.1**	0.22	0.016	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Nitrobenzene	ND	0.22	0.039	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
N-Nitrosodimethylamine	ND	0.22	0.068	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
N-Nitrosodi-n-propylamine	ND	0.22	0.039	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
N-Nitrosodiphenylamine	ND	0.22	0.023	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Pentachlorophenol	ND	0.55	0.062	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Phenanthrene	**18**	1.1	0.13	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Phenol	ND	0.22	0.058	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Pyrene	**15**	1.1	0.16	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Pyridine	ND	0.22	0.13	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Surrogate: 2,4,6-Tribromophenol	*93.2 %*	*Limits: 30-150%*			*B5L0115*	*12/7/05*	*12/9/05*	*EPA 8270C*	
Surrogate: 2-Fluorobiphenyl	*72.2 %*	*Limits: 30-104%*			*B5L0115*	*12/7/05*	*12/9/05*	*EPA 8270C*	
Surrogate: 2-Fluorophenol	*69.7 %*	*Limits: 30-106%*			*B5L0115*	*12/7/05*	*12/9/05*	*EPA 8270C*	
Surrogate: Nitrobenzene-d5	*66.3 %*	*Limits: 30-90%*			*B5L0115*	*12/7/05*	*12/9/05*	*EPA 8270C*	
Surrogate: Phenol-d6	*74.9 %*	*Limits: 30-102%*			*B5L0115*	*12/7/05*	*12/9/05*	*EPA 8270C*	
Surrogate: Terphenyl-d14	*82.6 %*	*Limits: 30-115%*			*B5L0115*	*12/7/05*	*12/9/05*	*EPA 8270C*	

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,1,2-Tetrachloroethane	ND	0.082	0.012	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	go
1,1,1-Trichloroethane	ND	0.082	0.0049	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

60028-1M-PR

0506279-02 (Soil)

12/1/05 9:55

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,2,2-Tetrachloroethane	ND	0.082	0.020	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	
1,1,2-Trichloroethane	ND	0.082	0.016	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	
1,1,2-Trichlorotrifluoroethane	ND	0.082	0.0095	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	
1,1-Dichloroethane	ND	0.082	0.0044	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	
1,1-Dichloroethene	ND	0.082	0.0070	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	
1,1-Dichloropropene	ND	0.082	0.0060	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	
1,2,3-Trichlorobenzene	ND	0.082	0.0090	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	
1,2,3-Trichloropropane	ND	0.082	0.025	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	
1,2,4-Trichlorobenzene	ND	0.082	0.012	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	
1,2,4-Trimethylbenzene	**0.63**	0.082	0.0057	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	
1,2-Dibromo-3-chloropropane	ND	0.082	0.033	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	
1,2-Dibromoethane	ND	0.082	0.0052	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	
1,2-Dichlorobenzene	ND	0.082	0.0096	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	
1,2-Dichloroethane	ND	0.082	0.0044	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	
1,2-Dichloropropane	ND	0.082	0.0041	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	
1,3,5-Trimethylbenzene	**0.27**	0.082	0.0080	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	
1,3-Dichlorobenzene	ND	0.082	0.0069	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	
1,3-Dichloropropane	ND	0.082	0.010	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	
1,4-Dichlorobenzene	ND	0.082	0.0098	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	
2,2-Dichloropropane	ND	0.082	0.0085	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	
2-Butanone (MEK)	ND	0.82	0.11	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	
2-Chlorotoluene	ND	0.082	0.016	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	
4-Chlorotoluene	ND	0.082	0.011	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	
4-Isopropyltoluene	ND	0.082	0.0047	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	
Acetone	ND	1.6	0.13	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	
Allyl Chloride	ND	0.082	0.021	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	
Benzene	ND	0.082	0.0036	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	
Bromobenzene	ND	0.082	0.012	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

60028-1M-PR

0506279-02 (Soil)

12/1/05 9:55

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Bromochloromethane	ND	0.082	0.018	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	
Bromodichloromethane	ND	0.082	0.0087	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	
Bromoform	ND	0.41	0.010	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	
Bromomethane	ND	0.082	0.011	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	
Carbon Tetrachloride	ND	0.082	0.0046	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	
Chlorobenzene	**0.11**	0.082	0.0034	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	
Chlorodibromomethane	ND	0.082	0.0025	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	go
Chloroethane	ND	0.082	0.0092	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	
Chloroform	ND	0.082	0.0095	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	
Chloromethane	ND	0.082	0.016	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	
cis-1,2-Dichloroethene	ND	0.082	0.0085	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	
cis-1,3-Dichloropropene	ND	0.082	0.0033	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	
Dibromomethane	ND	0.082	0.016	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	
Dichlorodifluoromethane	ND	0.082	0.010	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	go
Dichlorofluoromethane	ND	0.082	0.0085	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	
Ethyl Ether	ND	0.082	0.025	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	
Ethylbenzene	ND	0.082	0.0087	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	
Hexachlorobutadiene	ND	0.16	0.020	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	
Isopropylbenzene	**0.092**	0.082	0.0052	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	
m,p-Xylenes	**0.18**	0.082	0.010	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	
Methyl Isobutyl Ketone	ND	0.41	0.034	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	
Methylene chloride	ND	0.41	0.052	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	
Methyl-t-butyl ether	ND	0.082	0.0098	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	
Naphthalene	**3.7**	0.082	0.0082	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	
n-Butylbenzene	ND	0.082	0.010	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	
n-Propylbenzene	ND	0.082	0.0085	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	
o-Xylene	**0.13**	0.082	0.011	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	
sec-Butylbenzene	ND	0.082	0.0034	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	
Styrene	ND	0.082	0.0038	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	

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60028-1M-PR

0506279-02 (Soil)

12/1/05 9:55

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
tert-Butylbenzene	ND	0.082	0.0083	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	
Tetrachloroethene	ND	0.16	0.016	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	
Tetrahydrofuran	ND	0.41	0.095	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	go
Toluene	**0.10**	0.082	0.014	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	
trans-1,2-Dichloroethene	ND	0.082	0.011	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	
trans-1,3-Dichloropropene	ND	0.082	0.0096	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	
Trichloroethene	ND	0.082	0.0060	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	
Trichlorofluoromethane	ND	0.082	0.016	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	
Vinyl chloride	ND	0.082	0.020	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4	*91.6 %*	*Limits: 81-127%*			*B5L0195*	*12/9/05*	*12/10/05*	*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene	*116 %*	*Limits: 74-117%*			*B5L0195*	*12/9/05*	*12/10/05*	*EPA 8260B*	
Surrogate: Dibromofluoromethane	*103 %*	*Limits: 79-127%*			*B5L0195*	*12/9/05*	*12/10/05*	*EPA 8260B*	
Surrogate: Toluene-d8	*102 %*	*Limits: 82-115%*			*B5L0195*	*12/9/05*	*12/10/05*	*EPA 8260B*	

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Classical Chemistry Parameters - Quality Control

Batch B5L0028 - Default Prep GenChem

Method Blank (B5L0028-BLK1) Prepared: 12/01/05 Analyzed: 12/02/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Suspended Solids	ND	5.0	3.6	mg/L	NA	NA	NA	NA	NA	NA	

Laboratory Control Sample (B5L0028-BS1) Prepared: 12/01/05 Analyzed: 12/02/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Suspended Solids	261			mg/L	250	NA	104	80-120	NA	NA	

Batch B5L0165 - Default Prep GenChem

Method Blank (B5L0165-BLK1) Prepared: 12/09/05 Analyzed: 12/12/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
% Solids	ND			% Wt	NA	NA	NA	NA	NA	NA	

Standard Reference Material (B5L0165-SRM1) Prepared: 12/09/05 Analyzed: 12/12/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
% Solids	90.2			% Wt	88.8	NA	102	90-110	NA	NA	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506279
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Metals - Quality Control

Batch B5L0188 - EPA 7471A

Method Blank (B5L0188-BLK1) Prepared: 12/12/05 Analyzed: 12/13/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	ND	0.020	0.00090	mg/kg	NA	NA	NA	NA	NA	NA	

Laboratory Control Sample (B5L0188-BS1) Prepared: 12/12/05 Analyzed: 12/13/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.257	0.020	0.00090	mg/kg	0.250	NA	103	85-115	NA	NA	

Laboratory Control Sample Duplicate (B5L0188-BSD1) Prepared: 12/12/05 Analyzed: 12/13/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.260	0.020	0.00090	mg/kg	0.250	NA	104	85-115	1.16	20	

Standard Reference Material (B5L0188-SRM1) Prepared: 12/12/05 Analyzed: 12/13/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.71	0.19	0.0088	mg/kg	5.82	NA	98.1	68-132	NA	NA	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5L0115 - EPA 3545

Method Blank (B5L0115-BLK1) Prepared: 12/07/05 Analyzed: 12/09/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	ND	0.067	0.0050	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Diphenylhydrazine	ND	0.067	0.0060	mg/kg	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	ND	0.067	0.0080	mg/kg	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
2,4,5-Trichlorophenol	ND	0.067	0.019	mg/kg	NA	NA	NA	NA	NA	NA	
2,4,6-Trichlorophenol	ND	0.067	0.017	mg/kg	NA	NA	NA	NA	NA	NA	
2,4-Dichlorophenol	ND	0.067	0.019	mg/kg	NA	NA	NA	NA	NA	NA	
2,4-Dimethylphenol	ND	0.17	0.059	mg/kg	NA	NA	NA	NA	NA	NA	
2,4-Dinitrophenol	ND	0.17	0.018	mg/kg	NA	NA	NA	NA	NA	NA	
2,4-Dinitrotoluene	ND	0.067	0.0070	mg/kg	NA	NA	NA	NA	NA	NA	
2,6-Dinitrotoluene	ND	0.067	0.0060	mg/kg	NA	NA	NA	NA	NA	NA	
2-Chloronaphthalene	ND	0.067	0.0070	mg/kg	NA	NA	NA	NA	NA	NA	
2-Chlorophenol	ND	0.067	0.018	mg/kg	NA	NA	NA	NA	NA	NA	
2-Methylnaphthalene	ND	0.067	0.023	mg/kg	NA	NA	NA	NA	NA	NA	
2-Methylphenol	ND	0.17	0.017	mg/kg	NA	NA	NA	NA	NA	NA	
2-Nitroaniline	ND	0.067	0.018	mg/kg	NA	NA	NA	NA	NA	NA	
2-Nitrophenol	ND	0.067	0.019	mg/kg	NA	NA	NA	NA	NA	NA	
3,3-Dichlorobenzidine	ND	0.33	0.017	mg/kg	NA	NA	NA	NA	NA	NA	
3-/4-Methylphenol	ND	0.17	0.021	mg/kg	NA	NA	NA	NA	NA	NA	
3-Nitroaniline	ND	0.17	0.018	mg/kg	NA	NA	NA	NA	NA	NA	
4,6-Dinitro-2-methylphenol	ND	0.17	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
4-Bromophenyl phenyl ether	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
4-Chloro-3-methylphenol	ND	0.067	0.022	mg/kg	NA	NA	NA	NA	NA	NA	
4-Chloroaniline	ND	0.17	0.018	mg/kg	NA	NA	NA	NA	NA	NA	
4-Chlorophenyl phenyl ether	ND	0.067	0.011	mg/kg	NA	NA	NA	NA	NA	NA	
4-Nitroaniline	ND	0.067	0.015	mg/kg	NA	NA	NA	NA	NA	NA	
4-Nitrophenol	ND	0.067	0.021	mg/kg	NA	NA	NA	NA	NA	NA	
Acenaphthene	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Acenaphthylene	ND	0.067	0.0070	mg/kg	NA	NA	NA	NA	NA	NA	
Aniline	ND	0.17	0.042	mg/kg	NA	NA	NA	NA	NA	NA	
Anthracene	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Benz(a)anthracene	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Benzo(a)pyrene	ND	0.067	0.0080	mg/kg	NA	NA	NA	NA	NA	NA	
Benzo(b)fluoranthene	ND	0.067	0.017	mg/kg	NA	NA	NA	NA	NA	NA	
Benzo(g,h,i)perylene	ND	0.067	0.0060	mg/kg	NA	NA	NA	NA	NA	NA	
Benzo(k)fluoranthene	ND	0.067	0.014	mg/kg	NA	NA	NA	NA	NA	NA	
Benzyl alcohol	ND	0.067	0.027	mg/kg	NA	NA	NA	NA	NA	NA	
bis(2-Chloroethoxy)methane	ND	0.067	0.011	mg/kg	NA	NA	NA	NA	NA	NA	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5L0115 - EPA 3545

Method Blank (B5L0115-BLK1) Prepared: 12/07/05 Analyzed: 12/09/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Bis(2-Chloroethyl)ether	ND	0.067	0.012	mg/kg	NA	NA	NA	NA	NA	NA	
Bis(2-chloroisopropyl)ether	ND	0.067	0.014	mg/kg	NA	NA	NA	NA	NA	NA	
Bis(2-Ethylhexyl)phthalate	ND	0.33	0.0090	mg/kg	NA	NA	NA	NA	NA	NA	
Butyl benzyl phthalate	ND	0.067	0.0080	mg/kg	NA	NA	NA	NA	NA	NA	
Carbazole	ND	0.067	0.015	mg/kg	NA	NA	NA	NA	NA	NA	
Chrysene	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Dibenz(a,h)anthracene	ND	0.067	0.021	mg/kg	NA	NA	NA	NA	NA	NA	
Dibenzofuran	ND	0.067	0.013	mg/kg	NA	NA	NA	NA	NA	NA	
Diethylphthalate	ND	0.067	0.011	mg/kg	NA	NA	NA	NA	NA	NA	
Dimethyl phthalate	ND	0.067	0.011	mg/kg	NA	NA	NA	NA	NA	NA	
Di-n-butyl phthalate	ND	0.33	0.014	mg/kg	NA	NA	NA	NA	NA	NA	
Di-n-octyl phthalate	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Fluoranthene	ND	0.067	0.0070	mg/kg	NA	NA	NA	NA	NA	NA	
Fluorene	ND	0.067	0.0040	mg/kg	NA	NA	NA	NA	NA	NA	
Hexachlorobenzene	ND	0.067	0.0090	mg/kg	NA	NA	NA	NA	NA	NA	
Hexachlorobutadiene	ND	0.067	0.0060	mg/kg	NA	NA	NA	NA	NA	NA	
Hexachlorocyclopentadiene	ND	0.067	0.0090	mg/kg	NA	NA	NA	NA	NA	NA	
Hexachloroethane	ND	0.067	0.0090	mg/kg	NA	NA	NA	NA	NA	NA	
Indeno(1,2,3-cd)pyrene	ND	0.067	0.0090	mg/kg	NA	NA	NA	NA	NA	NA	
Isophorone	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Naphthalene	ND	0.067	0.0050	mg/kg	NA	NA	NA	NA	NA	NA	
Nitrobenzene	ND	0.067	0.012	mg/kg	NA	NA	NA	NA	NA	NA	
N-Nitrosodimethylamine	ND	0.067	0.021	mg/kg	NA	NA	NA	NA	NA	NA	
N-Nitrosodi-n-propylamine	ND	0.067	0.012	mg/kg	NA	NA	NA	NA	NA	NA	
N-Nitrosodiphenylamine	ND	0.067	0.0070	mg/kg	NA	NA	NA	NA	NA	NA	
Pentachlorophenol	ND	0.17	0.019	mg/kg	NA	NA	NA	NA	NA	NA	
Phenanthrene	ND	0.067	0.0080	mg/kg	NA	NA	NA	NA	NA	NA	
Phenol	ND	0.067	0.018	mg/kg	NA	NA	NA	NA	NA	NA	
Pyrene	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Pyridine	ND	0.067	0.039	mg/kg	NA	NA	NA	NA	NA	NA	
Surrogate: 2,4,6-Tribromophenol	*0.670*			mg/kg	*1.67*	*NA*	*40.1*	*30-150*			
Surrogate: 2-Fluorobiphenyl	*0.664*			mg/kg	*0.833*	*NA*	*79.7*	*30-104*			
Surrogate: 2-Fluorophenol	*1.10*			mg/kg	*1.67*	*NA*	*65.9*	*30-106*			
Surrogate: Nitrobenzene-d5	*0.551*			mg/kg	*0.833*	*NA*	*66.1*	*30-90*			
Surrogate: Phenol-d6	*1.13*			mg/kg	*1.67*	*NA*	*67.7*	*30-102*			
Surrogate: Terphenyl-d14	*0.718*			mg/kg	*0.833*	*NA*	*86.2*	*30-115*			

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Service Engineering Group	Client Ref:05500	Work Order #: 0506279
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5L0115 - EPA 3545

Laboratory Control Sample (B5L0115-BS1) Prepared: 12/07/05 Analyzed: 12/09/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	1.28	0.067	0.010	mg/kg	1.67	NA	76.6	55-115	NA	NA	
1,4-Dichlorobenzene	1.30	0.067	0.010	mg/kg	1.67	NA	77.8	55-115	NA	NA	
2,4-Dinitrotoluene	1.53	0.067	0.0070	mg/kg	1.67	NA	91.6	60-130	NA	NA	
2-Chlorophenol	1.38	0.067	0.018	mg/kg	1.67	NA	82.6	55-115	NA	NA	
4-Chloro-3-methylphenol	1.42	0.067	0.022	mg/kg	1.67	NA	85.0	55-115	NA	NA	
4-Nitrophenol	1.40	0.067	0.021	mg/kg	1.67	NA	83.8	45-130	NA	NA	
Acenaphthene	1.44	0.067	0.010	mg/kg	1.67	NA	86.2	50-115	NA	NA	
N-Nitrosodi-n-propylamine	1.40	0.067	0.012	mg/kg	1.67	NA	83.8	65-115	NA	NA	
Pentachlorophenol	0.848	0.17	0.019	mg/kg	1.67	NA	50.8	30-130	NA	NA	
Phenol	1.46	0.067	0.018	mg/kg	1.67	NA	87.4	55-115	NA	NA	
Pyrene	1.60	0.067	0.010	mg/kg	1.67	NA	95.8	50-130	NA	NA	
Surrogate: 2,4,6-Tribromophenol	*1.47*			mg/kg	*1.67*	*NA*	*88.0*	*30-150*			
Surrogate: 2-Fluorobiphenyl	*0.693*			mg/kg	*0.833*	*NA*	*83.2*	*30-104*			
Surrogate: 2-Fluorophenol	*1.19*			mg/kg	*1.67*	*NA*	*71.3*	*30-106*			
Surrogate: Nitrobenzene-d5	*0.593*			mg/kg	*0.833*	*NA*	*71.2*	*30-90*			
Surrogate: Phenol-d6	*1.30*			mg/kg	*1.67*	*NA*	*77.8*	*30-102*			
Surrogate: Terphenyl-d14	*0.748*			mg/kg	*0.833*	*NA*	*89.8*	*30-115*			

Laboratory Control Sample Duplicate (B5L0115-BSD1) Prepared: 12/07/05 Analyzed: 12/09/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	1.28	0.067	0.010	mg/kg	1.67	NA	76.6	55-115	0.00	25	
1,4-Dichlorobenzene	1.28	0.067	0.010	mg/kg	1.67	NA	76.6	55-115	1.55	25	
2,4-Dinitrotoluene	1.48	0.067	0.0070	mg/kg	1.67	NA	88.6	60-130	3.32	25	
2-Chlorophenol	1.39	0.067	0.018	mg/kg	1.67	NA	83.2	55-115	0.722	25	
4-Chloro-3-methylphenol	1.37	0.067	0.022	mg/kg	1.67	NA	82.0	55-115	3.58	25	
4-Nitrophenol	1.37	0.067	0.021	mg/kg	1.67	NA	82.0	45-130	2.17	30	
Acenaphthene	1.43	0.067	0.010	mg/kg	1.67	NA	85.6	50-115	0.697	25	
N-Nitrosodi-n-propylamine	1.40	0.067	0.012	mg/kg	1.67	NA	83.8	65-115	0.00	25	
Pentachlorophenol	0.746	0.17	0.019	mg/kg	1.67	NA	44.7	30-130	12.8	30	
Phenol	1.43	0.067	0.018	mg/kg	1.67	NA	85.6	55-115	2.08	25	
Pyrene	1.62	0.067	0.010	mg/kg	1.67	NA	97.0	50-130	1.24	25	
Surrogate: 2,4,6-Tribromophenol	*1.42*			mg/kg	*1.67*	*NA*	*85.0*	*30-150*			
Surrogate: 2-Fluorobiphenyl	*0.684*			mg/kg	*0.833*	*NA*	*82.1*	*30-104*			
Surrogate: 2-Fluorophenol	*1.13*			mg/kg	*1.67*	*NA*	*67.7*	*30-106*			
Surrogate: Nitrobenzene-d5	*0.591*			mg/kg	*0.833*	*NA*	*70.9*	*30-90*			
Surrogate: Phenol-d6	*1.30*			mg/kg	*1.67*	*NA*	*77.8*	*30-102*			
Surrogate: Terphenyl-d14	*0.747*			mg/kg	*0.833*	*NA*	*89.7*	*30-115*			

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0195 - EPA 5035

Method Blank (B5L0195-BLK1) Prepared & Analyzed: 12/09/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	ND	0.050	0.0071	mg/kg	NA	NA	NA	NA	NA	NA	
1,1,1-Trichloroethane	ND	0.050	0.0030	mg/kg	NA	NA	NA	NA	NA	NA	
1,1,2,2-Tetrachloroethane	ND	0.050	0.012	mg/kg	NA	NA	NA	NA	NA	NA	
1,1,2-Trichloroethane	ND	0.050	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
1,1,2-Trichlorotrifluoroethane	ND	0.050	0.0058	mg/kg	NA	NA	NA	NA	NA	NA	
1,1-Dichloroethane	ND	0.050	0.0027	mg/kg	NA	NA	NA	NA	NA	NA	
1,1-Dichloroethene	ND	0.050	0.0043	mg/kg	NA	NA	NA	NA	NA	NA	
1,1-Dichloropropene	ND	0.050	0.0037	mg/kg	NA	NA	NA	NA	NA	NA	
1,2,3-Trichlorobenzene	0.0275 J	0.050	0.0055	mg/kg	NA	NA	NA	NA	NA	NA	
1,2,3-Trichloropropane	ND	0.050	0.015	mg/kg	NA	NA	NA	NA	NA	NA	
1,2,4-Trichlorobenzene	0.0165 J	0.050	0.0072	mg/kg	NA	NA	NA	NA	NA	NA	
1,2,4-Trimethylbenzene	ND	0.050	0.0035	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Dibromo-3-chloropropane	ND	0.050	0.020	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Dibromoethane	ND	0.050	0.0032	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	ND	0.050	0.0059	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Dichloroethane	ND	0.050	0.0027	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Dichloropropane	ND	0.050	0.0025	mg/kg	NA	NA	NA	NA	NA	NA	
1,3,5-Trimethylbenzene	ND	0.050	0.0049	mg/kg	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	ND	0.050	0.0042	mg/kg	NA	NA	NA	NA	NA	NA	
1,3-Dichloropropane	ND	0.050	0.0063	mg/kg	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	ND	0.050	0.0060	mg/kg	NA	NA	NA	NA	NA	NA	
2,2-Dichloropropane	ND	0.050	0.0052	mg/kg	NA	NA	NA	NA	NA	NA	
2-Butanone (MEK)	ND	0.50	0.066	mg/kg	NA	NA	NA	NA	NA	NA	
2-Chlorotoluene	ND	0.050	0.0097	mg/kg	NA	NA	NA	NA	NA	NA	
4-Chlorotoluene	ND	0.050	0.0066	mg/kg	NA	NA	NA	NA	NA	NA	
4-Isopropyltoluene	ND	0.050	0.0029	mg/kg	NA	NA	NA	NA	NA	NA	
Acetone	ND	1.0	0.077	mg/kg	NA	NA	NA	NA	NA	NA	
Allyl Chloride	ND	0.050	0.013	mg/kg	NA	NA	NA	NA	NA	NA	
Benzene	ND	0.050	0.0022	mg/kg	NA	NA	NA	NA	NA	NA	
Bromobenzene	ND	0.050	0.0074	mg/kg	NA	NA	NA	NA	NA	NA	
Bromochloromethane	ND	0.050	0.011	mg/kg	NA	NA	NA	NA	NA	NA	
Bromodichloromethane	ND	0.050	0.0053	mg/kg	NA	NA	NA	NA	NA	NA	
Bromoform	0.0965 J	0.25	0.0064	mg/kg	NA	NA	NA	NA	NA	NA	
Bromomethane	ND	0.050	0.0068	mg/kg	NA	NA	NA	NA	NA	NA	
Carbon Tetrachloride	ND	0.050	0.0028	mg/kg	NA	NA	NA	NA	NA	NA	
Chlorobenzene	ND	0.050	0.0021	mg/kg	NA	NA	NA	NA	NA	NA	
Chlorodibromomethane	ND	0.050	0.0015	mg/kg	NA	NA	NA	NA	NA	NA	
Chloroethane	ND	0.050	0.0056	mg/kg	NA	NA	NA	NA	NA	NA	
Chloroform	ND	0.050	0.0058	mg/kg	NA	NA	NA	NA	NA	NA	

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Volatile Organic Compounds - Quality Control

Batch B5L0195 - EPA 5035

Method Blank (B5L0195-BLK1) Prepared & Analyzed: 12/09/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	ND	0.050	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
cis-1,2-Dichloroethene	ND	0.050	0.0052	mg/kg	NA	NA	NA	NA	NA	NA	
cis-1,3-Dichloropropene	ND	0.050	0.0020	mg/kg	NA	NA	NA	NA	NA	NA	
Dibromomethane	ND	0.050	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Dichlorodifluoromethane	ND	0.050	0.0063	mg/kg	NA	NA	NA	NA	NA	NA	
Dichlorofluoromethane	ND	0.050	0.0052	mg/kg	NA	NA	NA	NA	NA	NA	
Ethyl Ether	ND	0.050	0.015	mg/kg	NA	NA	NA	NA	NA	NA	
Ethylbenzene	ND	0.050	0.0053	mg/kg	NA	NA	NA	NA	NA	NA	
Hexachlorobutadiene	0.0460 J	0.10	0.012	mg/kg	NA	NA	NA	NA	NA	NA	
Isopropylbenzene	ND	0.050	0.0032	mg/kg	NA	NA	NA	NA	NA	NA	
m,p-Xylenes	ND	0.050	0.0063	mg/kg	NA	NA	NA	NA	NA	NA	
Methyl Isobutyl Ketone	ND	0.25	0.021	mg/kg	NA	NA	NA	NA	NA	NA	
Methylene chloride	0.0340 J	0.25	0.032	mg/kg	NA	NA	NA	NA	NA	NA	
Methyl-t-butyl ether	ND	0.050	0.0060	mg/kg	NA	NA	NA	NA	NA	NA	
Naphthalene	0.0110 J	0.050	0.0050	mg/kg	NA	NA	NA	NA	NA	NA	
n-Butylbenzene	ND	0.050	0.0061	mg/kg	NA	NA	NA	NA	NA	NA	
n-Propylbenzene	ND	0.050	0.0052	mg/kg	NA	NA	NA	NA	NA	NA	
o-Xylene	ND	0.050	0.0070	mg/kg	NA	NA	NA	NA	NA	NA	
sec-Butylbenzene	ND	0.050	0.0021	mg/kg	NA	NA	NA	NA	NA	NA	
Styrene	ND	0.050	0.0023	mg/kg	NA	NA	NA	NA	NA	NA	
tert-Butylbenzene	ND	0.050	0.0051	mg/kg	NA	NA	NA	NA	NA	NA	
Tetrachloroethene	ND	0.10	0.0095	mg/kg	NA	NA	NA	NA	NA	NA	
Tetrahydrofuran	ND	0.25	0.058	mg/kg	NA	NA	NA	NA	NA	NA	
Toluene	ND	0.050	0.0086	mg/kg	NA	NA	NA	NA	NA	NA	
trans-1,2-Dichloroethene	ND	0.050	0.0068	mg/kg	NA	NA	NA	NA	NA	NA	
trans-1,3-Dichloropropene	ND	0.050	0.0059	mg/kg	NA	NA	NA	NA	NA	NA	
Trichloroethene	ND	0.050	0.0037	mg/kg	NA	NA	NA	NA	NA	NA	
Trichlorofluoromethane	ND	0.050	0.0095	mg/kg	NA	NA	NA	NA	NA	NA	
Vinyl chloride	0.0125 J	0.050	0.012	mg/kg	NA	NA	NA	NA	NA	NA	
Surrogate: 1,2-Dichloroethane-d4	*23.6*			ug/L	*25.0*	*NA*	*94.4*	*81-127*			
Surrogate: 4-Bromofluorobenzene	*27.4*			ug/L	*25.0*	*NA*	*110*	*74-117*			
Surrogate: Dibromofluoromethane	*26.5*			ug/L	*25.0*	*NA*	*106*	*79-127*			
Surrogate: Toluene-d8	*26.0*			ug/L	*25.0*	*NA*	*104*	*82-115*			

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Service Engineering Group	Client Ref:05500	Work Order #: 0506279
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0195 - EPA 5035

Laboratory Control Sample (B5L0195-BS1) Prepared & Analyzed: 12/09/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	1.53	0.050	0.0071	mg/kg	1.25	NA	122	80-120	NA	NA	
1,1,1-Trichloroethane	1.33	0.050	0.0030	mg/kg	1.25	NA	106	80-120	NA	NA	
1,1,2,2-Tetrachloroethane	1.31	0.050	0.012	mg/kg	1.25	NA	105	80-120	NA	NA	
1,1,2-Trichloroethane	1.28	0.050	0.010	mg/kg	1.25	NA	102	80-120	NA	NA	
1,1,2-Trichlorotrifluoroethane	1.46	0.050	0.0058	mg/kg	1.25	NA	117	80-120	NA	NA	
1,1-Dichloroethane	1.14	0.050	0.0027	mg/kg	1.25	NA	91.2	80-120	NA	NA	
1,1-Dichloroethene	1.33	0.050	0.0043	mg/kg	1.25	NA	106	80-120	NA	NA	
1,1-Dichloropropene	1.18	0.050	0.0037	mg/kg	1.25	NA	94.4	80-120	NA	NA	
1,2,3-Trichlorobenzene	1.44	0.050	0.0055	mg/kg	1.25	NA	115	80-120	NA	NA	
1,2,3-Trichloropropane	1.43	0.050	0.015	mg/kg	1.25	NA	114	80-120	NA	NA	
1,2,4-Trichlorobenzene	1.35	0.050	0.0072	mg/kg	1.25	NA	108	80-120	NA	NA	
1,2,4-Trimethylbenzene	1.21	0.050	0.0035	mg/kg	1.25	NA	96.8	80-120	NA	NA	
1,2-Dibromo-3-chloropropane	1.41	0.050	0.020	mg/kg	1.25	NA	113	80-120	NA	NA	
1,2-Dibromoethane	1.44	0.050	0.0032	mg/kg	1.25	NA	115	80-120	NA	NA	
1,2-Dichlorobenzene	1.25	0.050	0.0059	mg/kg	1.25	NA	100	80-120	NA	NA	
1,2-Dichloroethane	1.20	0.050	0.0027	mg/kg	1.25	NA	96.0	80-120	NA	NA	
1,2-Dichloropropane	1.03	0.050	0.0025	mg/kg	1.25	NA	82.4	80-120	NA	NA	
1,3,5-Trimethylbenzene	1.20	0.050	0.0049	mg/kg	1.25	NA	96.0	80-120	NA	NA	
1,3-Dichlorobenzene	1.26	0.050	0.0042	mg/kg	1.25	NA	101	80-120	NA	NA	
1,3-Dichloropropane	1.25	0.050	0.0063	mg/kg	1.25	NA	100	80-120	NA	NA	
1,4-Dichlorobenzene	1.25	0.050	0.0060	mg/kg	1.25	NA	100	80-120	NA	NA	
2,2-Dichloropropane	1.28	0.050	0.0052	mg/kg	1.25	NA	102	80-120	NA	NA	
2-Butanone (MEK)	1.26	0.50	0.066	mg/kg	1.25	NA	101	80-120	NA	NA	
2-Chlorotoluene	1.21	0.050	0.0097	mg/kg	1.25	NA	96.8	80-120	NA	NA	
4-Chlorotoluene	1.22	0.050	0.0066	mg/kg	1.25	NA	97.6	80-120	NA	NA	
4-Isopropyltoluene	1.28	0.050	0.0029	mg/kg	1.25	NA	102	80-120	NA	NA	
Acetone	1.39	1.0	0.077	mg/kg	1.25	NA	111	80-120	NA	NA	
Allyl Chloride	1.21	0.050	0.013	mg/kg	1.25	NA	96.8	80-120	NA	NA	
Benzene	1.11	0.050	0.0022	mg/kg	1.25	NA	88.8	80-120	NA	NA	
Bromobenzene	1.22	0.050	0.0074	mg/kg	1.25	NA	97.6	80-120	NA	NA	
Bromochloromethane	1.44	0.050	0.011	mg/kg	1.25	NA	115	80-120	NA	NA	
Bromodichloromethane	1.24	0.050	0.0053	mg/kg	1.25	NA	99.2	80-120	NA	NA	
Bromoform	1.42	0.25	0.0064	mg/kg	1.25	NA	114	80-120	NA	NA	
Bromomethane	1.19	0.050	0.0068	mg/kg	1.25	NA	95.2	80-120	NA	NA	
Carbon Tetrachloride	1.35	0.050	0.0028	mg/kg	1.25	NA	108	80-120	NA	NA	
Chlorobenzene	1.44	0.050	0.0021	mg/kg	1.25	NA	115	80-120	NA	NA	
Chlorodibromomethane	1.62	0.050	0.0015	mg/kg	1.25	NA	130	80-120	NA	NA	
Chloroethane	1.26	0.050	0.0056	mg/kg	1.25	NA	101	80-120	NA	NA	
Chloroform	1.27	0.050	0.0058	mg/kg	1.25	NA	102	80-120	NA	NA	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0195 - EPA 5035

Laboratory Control Sample (B5L0195-BS1) Prepared & Analyzed: 12/09/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	1.01	0.050	0.010	mg/kg	1.25	NA	80.8	80-120	NA	NA	
cis-1,2-Dichloroethene	1.30	0.050	0.0052	mg/kg	1.25	NA	104	80-120	NA	NA	
cis-1,3-Dichloropropene	1.15	0.050	0.0020	mg/kg	1.25	NA	92.0	80-120	NA	NA	
Dibromomethane	1.21	0.050	0.010	mg/kg	1.25	NA	96.8	80-120	NA	NA	
Dichlorodifluoromethane	0.820	0.050	0.0063	mg/kg	1.25	NA	65.6	80-120	NA	NA	
Dichlorofluoromethane	1.33	0.050	0.0052	mg/kg	1.25	NA	106	80-120	NA	NA	
Ethyl Ether	1.24	0.050	0.015	mg/kg	1.25	NA	99.2	80-120	NA	NA	
Ethylbenzene	1.34	0.050	0.0053	mg/kg	1.25	NA	107	80-120	NA	NA	
Hexachlorobutadiene	1.32	0.10	0.012	mg/kg	1.25	NA	106	80-120	NA	NA	
Isopropylbenzene	1.42	0.050	0.0032	mg/kg	1.25	NA	114	80-120	NA	NA	
m,p-Xylenes	2.76	0.050	0.0063	mg/kg	2.50	NA	110	80-120	NA	NA	
Methyl Isobutyl Ketone	1.01	0.25	0.021	mg/kg	1.25	NA	80.8	80-120	NA	NA	
Methylene chloride	1.24	0.25	0.032	mg/kg	1.25	NA	99.2	80-120	NA	NA	
Methyl-t-butyl ether	1.21	0.050	0.0060	mg/kg	1.25	NA	96.8	80-120	NA	NA	
Naphthalene	1.45	0.050	0.0050	mg/kg	1.25	NA	116	80-120	NA	NA	
n-Butylbenzene	1.18	0.050	0.0061	mg/kg	1.25	NA	94.4	80-120	NA	NA	
n-Propylbenzene	1.22	0.050	0.0052	mg/kg	1.25	NA	97.6	80-120	NA	NA	
o-Xylene	1.37	0.050	0.0070	mg/kg	1.25	NA	110	80-120	NA	NA	
sec-Butylbenzene	1.23	0.050	0.0021	mg/kg	1.25	NA	98.4	80-120	NA	NA	
Styrene	1.42	0.050	0.0023	mg/kg	1.25	NA	114	80-120	NA	NA	
tert-Butylbenzene	1.24	0.050	0.0051	mg/kg	1.25	NA	99.2	80-120	NA	NA	
Tetrachloroethene	1.45	0.10	0.0095	mg/kg	1.25	NA	116	80-120	NA	NA	
Tetrahydrofuran	0.967	0.25	0.058	mg/kg	1.25	NA	77.4	80-120	NA	NA	
Toluene	1.26	0.050	0.0086	mg/kg	1.25	NA	101	80-120	NA	NA	
trans-1,2-Dichloroethene	1.27	0.050	0.0068	mg/kg	1.25	NA	102	80-120	NA	NA	
trans-1,3-Dichloropropene	1.21	0.050	0.0059	mg/kg	1.25	NA	96.8	80-120	NA	NA	
Trichloroethene	1.34	0.050	0.0037	mg/kg	1.25	NA	107	80-120	NA	NA	
Trichlorofluoromethane	1.35	0.050	0.0095	mg/kg	1.25	NA	108	80-120	NA	NA	
Vinyl chloride	1.05	0.050	0.012	mg/kg	1.25	NA	84.0	80-120	NA	NA	
Surrogate: 1,2-Dichloroethane-d4	*22.9*			ug/L	*25.0*	*NA*	*91.6*	*81-127*			
Surrogate: 4-Bromofluorobenzene	*29.4*			ug/L	*25.0*	*NA*	*118*	*74-117*			
Surrogate: Dibromofluoromethane	*26.7*			ug/L	*25.0*	*NA*	*107*	*79-127*			
Surrogate: Toluene-d8	*26.3*			ug/L	*25.0*	*NA*	*105*	*82-115*			

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Service Engineering Group	Client Ref:05500	Work Order #: 0506279
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0195 - EPA 5035

Laboratory Control Sample Duplicate (B5L0195-BSD1) Prepared & Analyzed: 12/09/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	1.54	0.050	0.0071	mg/kg	1.25	NA	123	80-120	0.651	20	
1,1,1-Trichloroethane	1.36	0.050	0.0030	mg/kg	1.25	NA	109	80-120	2.23	20	
1,1,2,2-Tetrachloroethane	1.33	0.050	0.012	mg/kg	1.25	NA	106	80-120	1.52	20	
1,1,2-Trichloroethane	1.29	0.050	0.010	mg/kg	1.25	NA	103	80-120	0.778	20	
1,1,2-Trichlorotrifluoroethane	1.49	0.050	0.0058	mg/kg	1.25	NA	119	80-120	2.03	20	
1,1-Dichloroethane	1.22	0.050	0.0027	mg/kg	1.25	NA	97.6	80-120	6.78	20	
1,1-Dichloroethene	1.38	0.050	0.0043	mg/kg	1.25	NA	110	80-120	3.69	20	
1,1-Dichloropropene	1.22	0.050	0.0037	mg/kg	1.25	NA	97.6	80-120	3.33	20	
1,2,3-Trichlorobenzene	1.47	0.050	0.0055	mg/kg	1.25	NA	118	80-120	2.06	20	
1,2,3-Trichloropropane	1.43	0.050	0.015	mg/kg	1.25	NA	114	80-120	0.00	20	
1,2,4-Trichlorobenzene	1.39	0.050	0.0072	mg/kg	1.25	NA	111	80-120	2.92	20	
1,2,4-Trimethylbenzene	1.19	0.050	0.0035	mg/kg	1.25	NA	95.2	80-120	1.67	20	
1,2-Dibromo-3-chloropropane	1.42	0.050	0.020	mg/kg	1.25	NA	114	80-120	0.707	20	
1,2-Dibromoethane	1.45	0.050	0.0032	mg/kg	1.25	NA	116	80-120	0.692	20	
1,2-Dichlorobenzene	1.23	0.050	0.0059	mg/kg	1.25	NA	98.4	80-120	1.61	20	
1,2-Dichloroethane	1.23	0.050	0.0027	mg/kg	1.25	NA	98.4	80-120	2.47	20	
1,2-Dichloropropane	1.03	0.050	0.0025	mg/kg	1.25	NA	82.4	80-120	0.00	20	
1,3,5-Trimethylbenzene	1.18	0.050	0.0049	mg/kg	1.25	NA	94.4	80-120	1.68	20	
1,3-Dichlorobenzene	1.24	0.050	0.0042	mg/kg	1.25	NA	99.2	80-120	1.60	20	
1,3-Dichloropropane	1.26	0.050	0.0063	mg/kg	1.25	NA	101	80-120	0.797	20	
1,4-Dichlorobenzene	1.25	0.050	0.0060	mg/kg	1.25	NA	100	80-120	0.00	20	
2,2-Dichloropropane	1.31	0.050	0.0052	mg/kg	1.25	NA	105	80-120	2.32	20	
2-Butanone (MEK)	1.25	0.50	0.066	mg/kg	1.25	NA	100	80-120	0.797	20	
2-Chlorotoluene	1.19	0.050	0.0097	mg/kg	1.25	NA	95.2	80-120	1.67	20	
4-Chlorotoluene	1.22	0.050	0.0066	mg/kg	1.25	NA	97.6	80-120	0.00	20	
4-Isopropyltoluene	1.28	0.050	0.0029	mg/kg	1.25	NA	102	80-120	0.00	20	
Acetone	1.28	1.0	0.077	mg/kg	1.25	NA	102	80-120	8.24	20	
Allyl Chloride	1.27	0.050	0.013	mg/kg	1.25	NA	102	80-120	4.84	20	
Benzene	1.11	0.050	0.0022	mg/kg	1.25	NA	88.8	80-120	0.00	20	
Bromobenzene	1.19	0.050	0.0074	mg/kg	1.25	NA	95.2	80-120	2.49	20	
Bromochloromethane	1.48	0.050	0.011	mg/kg	1.25	NA	118	80-120	2.74	20	
Bromodichloromethane	1.24	0.050	0.0053	mg/kg	1.25	NA	99.2	80-120	0.00	20	
Bromoform	1.42	0.25	0.0064	mg/kg	1.25	NA	114	80-120	0.00	20	
Bromomethane	1.20	0.050	0.0068	mg/kg	1.25	NA	96.0	80-120	0.837	20	
Carbon Tetrachloride	1.35	0.050	0.0028	mg/kg	1.25	NA	108	80-120	0.00	20	
Chlorobenzene	1.44	0.050	0.0021	mg/kg	1.25	NA	115	80-120	0.00	20	
Chlorodibromomethane	1.61	0.050	0.0015	mg/kg	1.25	NA	129	80-120	0.619	20	
Chloroethane	1.28	0.050	0.0056	mg/kg	1.25	NA	102	80-120	1.57	20	
Chloroform	1.31	0.050	0.0058	mg/kg	1.25	NA	105	80-120	3.10	20	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0195 - EPA 5035

Laboratory Control Sample Duplicate (B5L0195-BSD1) Prepared & Analyzed: 12/09/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	1.05	0.050	0.010	mg/kg	1.25	NA	84.0	80-120	3.88	20	
cis-1,2-Dichloroethene	1.36	0.050	0.0052	mg/kg	1.25	NA	109	80-120	4.51	20	
cis-1,3-Dichloropropene	1.16	0.050	0.0020	mg/kg	1.25	NA	92.8	80-120	0.866	20	
Dibromomethane	1.21	0.050	0.010	mg/kg	1.25	NA	96.8	80-120	0.00	20	
Dichlorodifluoromethane	0.832	0.050	0.0063	mg/kg	1.25	NA	66.6	80-120	1.45	20	
Dichlorofluoromethane	1.32	0.050	0.0052	mg/kg	1.25	NA	106	80-120	0.755	20	
Ethyl Ether	1.24	0.050	0.015	mg/kg	1.25	NA	99.2	80-120	0.00	20	
Ethylbenzene	1.36	0.050	0.0053	mg/kg	1.25	NA	109	80-120	1.48	20	
Hexachlorobutadiene	1.33	0.10	0.012	mg/kg	1.25	NA	106	80-120	0.755	20	
Isopropylbenzene	1.44	0.050	0.0032	mg/kg	1.25	NA	115	80-120	1.40	20	
m,p-Xylenes	2.81	0.050	0.0063	mg/kg	2.50	NA	112	80-120	1.80	20	
Methyl Isobutyl Ketone	1.00	0.25	0.021	mg/kg	1.25	NA	80.0	80-120	0.995	20	
Methylene chloride	1.29	0.25	0.032	mg/kg	1.25	NA	103	80-120	3.95	20	
Methyl-t-butyl ether	1.25	0.050	0.0060	mg/kg	1.25	NA	100	80-120	3.25	20	
Naphthalene	1.47	0.050	0.0050	mg/kg	1.25	NA	118	80-120	1.37	20	
n-Butylbenzene	1.17	0.050	0.0061	mg/kg	1.25	NA	93.6	80-120	0.851	20	
n-Propylbenzene	1.21	0.050	0.0052	mg/kg	1.25	NA	96.8	80-120	0.823	20	
o-Xylene	1.39	0.050	0.0070	mg/kg	1.25	NA	111	80-120	1.45	20	
sec-Butylbenzene	1.23	0.050	0.0021	mg/kg	1.25	NA	98.4	80-120	0.00	20	
Styrene	1.44	0.050	0.0023	mg/kg	1.25	NA	115	80-120	1.40	20	
tert-Butylbenzene	1.24	0.050	0.0051	mg/kg	1.25	NA	99.2	80-120	0.00	20	
Tetrachloroethene	1.44	0.10	0.0095	mg/kg	1.25	NA	115	80-120	0.692	20	
Tetrahydrofuran	0.942	0.25	0.058	mg/kg	1.25	NA	75.4	80-120	2.62	20	
Toluene	1.27	0.050	0.0086	mg/kg	1.25	NA	102	80-120	0.791	20	
trans-1,2-Dichloroethene	1.32	0.050	0.0068	mg/kg	1.25	NA	106	80-120	3.86	20	
trans-1,3-Dichloropropene	1.20	0.050	0.0059	mg/kg	1.25	NA	96.0	80-120	0.830	20	
Trichloroethene	1.33	0.050	0.0037	mg/kg	1.25	NA	106	80-120	0.749	20	
Trichlorofluoromethane	1.33	0.050	0.0095	mg/kg	1.25	NA	106	80-120	1.49	20	
Vinyl chloride	1.07	0.050	0.012	mg/kg	1.25	NA	85.6	80-120	1.89	20	
Surrogate: 1,2-Dichloroethane-d4	*23.6*			ug/L	*25.0*	*NA*	*94.4*	*81-127*			
Surrogate: 4-Bromofluorobenzene	*29.2*			ug/L	*25.0*	*NA*	*117*	*74-117*			
Surrogate: Dibromofluoromethane	*27.4*			ug/L	*25.0*	*NA*	*110*	*79-127*			
Surrogate: Toluene-d8	*26.2*			ug/L	*25.0*	*NA*	*105*	*82-115*			

BRAUN INTERTEC

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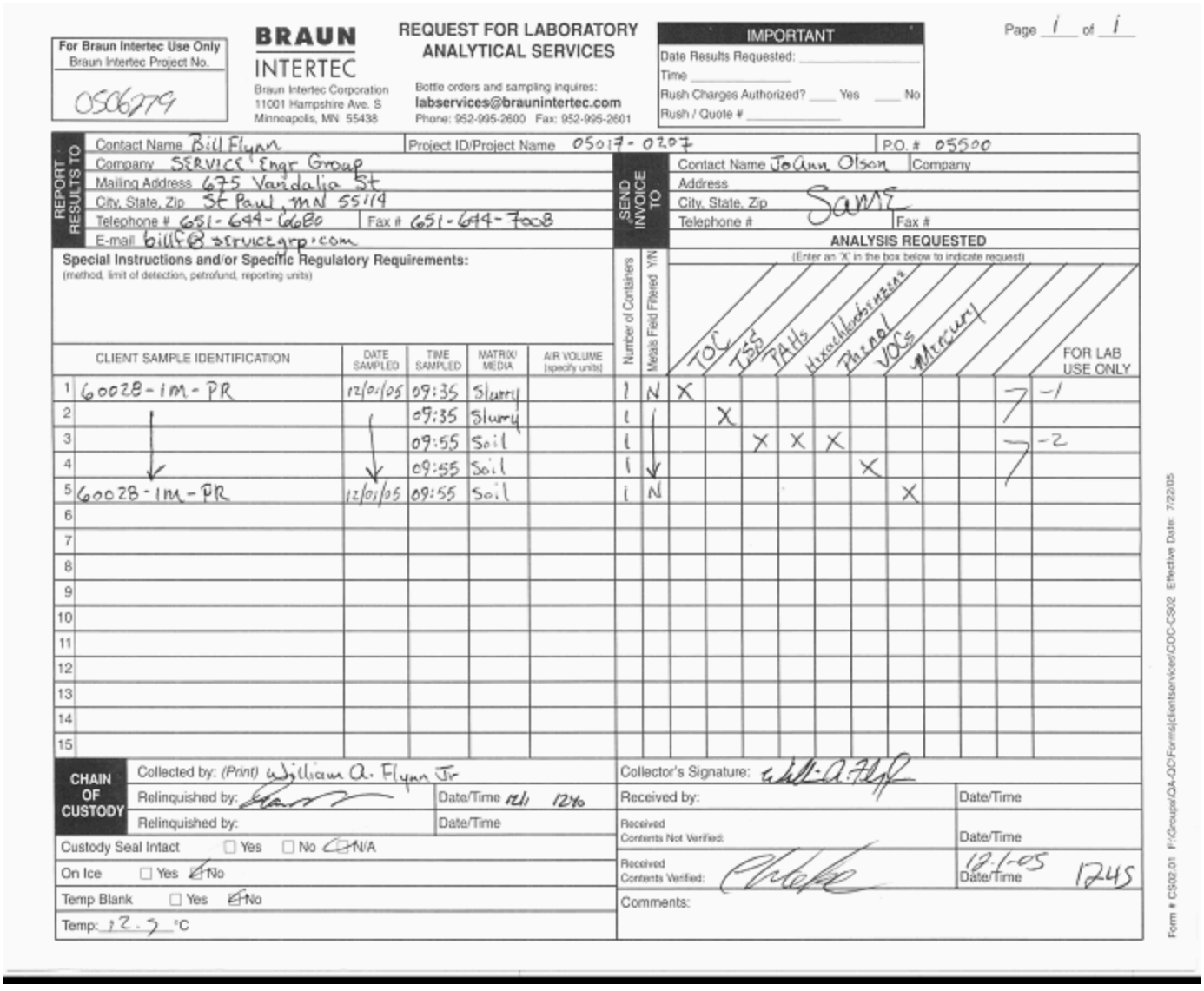
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:05500	Work Order #: 0506279
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003



BRAUN INTERTEC
Braun Intertec Corporation
11001 Hampshire Ave. S
Minneapolis, MN 55438

REQUEST FOR LABORATORY ANALYTICAL SERVICES

Bottle orders and sampling inquires:
labservices@braunintertec.com
Phone: 952-995-2600 Fax: 952-995-2601

For Braun Intertec Use Only
Braun Intertec Project No.
0506279

IMPORTANT
Date Results Requested:
Time
Rush Charges Authorized? ___ Yes ___ No
Rush / Quote #

Page 1 of 1

REPORT RESULTS TO
Contact Name Bill Flynn
Company SERVICE Engr Group
Mailing Address 675 Vandalia St
City, State, Zip St Paul, MN 55114
Telephone # 651-644-6680 Fax # 651-644-7008
E-mail billf@servicegrp.com

Project ID/Project Name 05017-0207
P.O. # 05500

SEND INVOICE TO
Contact Name JoAnn Olson Company
Address
City, State, Zip Same
Telephone # Fax #

Special Instructions and/or Specific Regulatory Requirements:
(method, limit of detection, petrofund, reporting units)

ANALYSIS REQUESTED
(Enter an 'X' in the box below to indicate request)

	CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)	Number of Containers	Metals Field Filtered Y/N	TOC	TSS	TAHs	Hexachlorobenzene	Phenol	VOCs	Mercury			FOR LAB USE ONLY
1	60028-1M-PR	12/01/05	09:35	Slurry		1	N	X								7	-1
2			09:35	Slurry		1			X							7	
3			09:55	Soil		1				X	X	X				7	-2
4			09:55	Soil		1							X			7	
5	60028-1M-PR	12/01/05	09:55	Soil		1	N							X		7	
6																	
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15																	

CHAIN OF CUSTODY
Collected by: (Print) William A. Flynn Jr
Collector's Signature:
Relinquished by: Date/Time 12/1 1240
Received by: Date/Time
Relinquished by: Date/Time
Received Contents Not Verified: Date/Time
Custody Seal Intact ☐ Yes ☐ No ☐ N/A
Received Contents Verified: Date/Time 12-1-05 1245
On Ice ☐ Yes ☑ No
Temp Blank ☐ Yes ☑ No
Comments:
Temp: 12.7 °C

Form # CS02.01 F:\Groups\QA-QC\Forms\clientservices\COC-CS02 Effective Date: 7/22/05

BRAUN INTERTEC

Braun Intertec Corporation
11001 Hampshire Avenue S
Minneapolis, MN 55438

Phone: 952.995.2000
Fax: 952.995.2020
Web: brauninterlec.com

Mr. Bill Flynn
Service Engineering Group
675 Vandalia Street
St. Paul, MN 55114-1312

December 14, 2005

Work Order #: 0506328

RE: 05017-0207
05500

Dear Mr. Bill Flynn

Braun Intertec Corporation received samples for the project identified above on 12/02/05 12:10. Analytical results are summarized in the following report.

All routine quality assurance procedures were followed, unless otherwise noted.

Analytical results are reported on an "as received" basis unless otherwise noted. Where possible, the samples will be retained by the laboratory for 14 days following issuance of the initial final report. The samples will be disposed of or returned at that time. Arrangements can be made for extended storage by contacting me at this time.

We appreciate your decision to use Braun Intertec Corporation for this project. We are committed to being your vendor of choice to meet your analytical chemistry needs.

If you have any questions please contact me at the above phone number.

Sincerely,

Steven J. Albrecht
Associate Principal

Certification/Accreditation Numbers

Minnesota Department of Health: 027-053-117 Wisconsin DNR: 999462640 NVLAP: 1021234-0 AIHA: 101103

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:05017-0207	Work Order #: 0506328
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:05500	Account ID: CVXX-96-003

How to Use this Report

In order to get the most out of the information presented in this report please refer to the following explanations as to how the data in this report is tied together and how some of the terms are defined.

Qualifiers and Abbreviations are defined in the following section. You will find these codes used throughout the report in headers and in note sections to designate a unique fact about the data to which they are associated.

The Case Narrative gives a "story" about the analysis and results. Here you will find greater elaboration on relevant qualifiers as well as an explanation of anything of particular note in the data. This is a discussion of the data in terms of quality control and chemistry. It is a summary of any deviations that could affect the usefulness of the data. This is not an interpretation as to how this information relates to regulatory compliance, toxicity, or hazardous characterization. These items are beyond the scope of this report.

The Sample Summary provides detail on sample receipt. The association between Client sample ID and the Laboratory sample ID are defined here; this information is valuable to have when discussing results with your project manager. Sample collection and receipt dates and times are provided here as well. General notes regarding the work order are also documented here. This is a mini "case narrative" that describes any anomalies regarding the condition of the samples upon arrival to the laboratory or special circumstances regarding the work order.

The Conditions Upon Receipt summarizes the results of specific checks that have been performed at sample receipt. This includes items like custody documentation, sample condition, and temperature at receipt. Each "cooler" is identified and the conditions associated with that cooler are documented. A "cooler" is defined as the larger container used to transport the individual samples. In most cases this is a standard recreational cooler but it can be a box, plastic bag, or other container.

The laboratory results are summarized in the following sections. Data is broken down into major categories for convenience. An example of such a category would be "Total Petroleum Hydrocarbons." Here you would find data that references the testing of such parameters as diesel range organics and gasoline range organics. Other categories are similarly mapped. The batch number is associated with each sample. This is important to evaluate Quality Control (QC) data. Surrogate results samples are provided with each sample. Laboratory control limits are provided for comparison (see below). The reference method is also identified. If a method is denoted with an "M" (e.g. EPA 1234(M)) this means that it has been modified. An explanation of the modification will be found in the Case Narrative. A result is given with appropriate units. If a soil sample is dry-weight corrected then the word "dry" will appear next to the units. If the word "dry" does not appear then the result is "as received."

The Method Reporting Limit (MRL) and Method Detection Limit (MDL) are provided. It is important to understand these terms. The MRL is a level that has been empirically verified to provide reliable quantitation of results. Results that are equal to or greater than this value will show up as bolded. They are considered "hits." The MDL is a statistically derived number that indicates, with high confidence, that an analyte can be detected above noise level. If a result is less than this value it is marked as "ND" for "Non-Detect." If a result is less than the MRL but greater than the MDL then it is considered an estimate. Such a result is reported with a "J" flag denoting that it has been detected but that the result is an estimate. This is consistent with the *CLP Statement of Work* and the *National Functional Guidelines.*

The Quality Control (QC) samples are documented in the following section. Here you will find the preparation batches associated with each sample from the results section. The sample preparation method is also defined here. Accuracy is represented here in terms of a percent recovery as compared to a known value. Precision is represented as a relative percent difference between two duplicate sample aliquots. The laboratory control limits are provided as a means to evaluate the quality control data. If the result falls outside the laboratory control limits this simply means that it is outside what is typical for the laboratory and is noted accordingly. This does not mean that the data is invalid. Laboratory control limits are generally tighter than most program limits. This is a very important distinction. How the data is ultimately used determines its validity. Program requirements are defined in the Quality Assurance Project Plan (QAPP) governing the project. If your project manager is aware of your specific program requirements then a note will be made in the case narrative if the data fails to meet any of these requirements.

The last section contains copies of important documents and/or instrument printouts relavent to the report. This includes the chain of custody. It also may include items like chromatograms or spectra.

Please note that this report is paginated and must be reproduced in its entirety.

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Service Engineering Group	Client Ref:05017-0207	Work Order #: 0506328
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:05500	Account ID: CVXX-96-003

Qualifiers and Abbreviations

vn	The surrogate recovery is below the laboratory generated control limits.
vm	The surrogate recovery is above the laboratory generated control limits.
vfa	The method reporting limit (MRL) was raised for one or more analytes; a dilution of the sample was necessary due to high analyte levels and/or matrix interferences.
ts	This analysis was performed by a subcontract laboratory.
J	Detected but below the Method Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
go	The laboratory control sample recovery is outside of laboratory control limits.
COC	Chain of Custody
dry	Sample results reported on a dry weight basis
MDL	Method Detection Limit
MRL	Method Reporting Limit
NA	Not Applicable
ND	Analyte NOT DETECTED
NR	Not Reported
%Rec	Percent Recovery
RPD	Relative Percent Difference
VOC	Volatile Organic Compound

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675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:05500	Account ID: CVXX-96-003

SAMPLE SUMMARY

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
60028-1M-PO	0506328-01	Water	12/02/05 07:55	12/02/05 12:10
60028-1M-DCN	0506328-02	Water	12/02/05 09:30	12/02/05 12:10
60028-1Q-PR	0506328-03	Water	12/01/05 09:37	12/02/05 12:10
Trip Blank	0506328-04	Water	12/01/05 00:00	12/02/05 12:10

The results in this report apply only to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:05500	Account ID: CVXX-96-003

Conditions Upon Receipt

Cooler: Cooler #1

Temperature:	15.6 °C	**Received on Ice:**	No	**Preservation Confirmed:**	Yes
COC Included:	Yes	**Hand Delivered by Sampler:**	Yes	**Temperature Blank:**	No
Custody Seals Used:	No	**Sufficient Sample Provided:**	Yes	**COC Complete:**	Yes
Custody Seals Intact:	No	**Headspace Present (VOC):**	No	**COC & Labels Agree:**	Yes

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Service Engineering Group	Client Ref:05017-0207	Work Order #: 0506328
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St. Paul MN, 55114-1312	PO Number:05500	Account ID: CVXX-96-003

60028-1M-PO

0506328-01 (Water)

12/2/05 7:55

Classical Chemistry Parameters

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Total Suspended Solids	**8800**	5.0	3.6	mg/L	B5L0110	12/6/05	12/6/05	EPA 160.2	
Dissolved Organic Carbon	**11**	1.5	0.50	mg/L	B5L0235	12/11/05	12/12/05	ASTM D5373	ts
Total Organic Carbon	**19**	8.0	3.0	mg/L	B5L0235	12/11/05	12/12/05	EPA 9060	ts

Metals

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Mercury, Dissolved	0.17 J	0.20	0.011	ug/L	B5L0064	12/5/05	12/6/05	EPA 7470A	

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,2,4-Trichlorobenzene	ND	7.1	0.47	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
1,2-Dichlorobenzene	ND	7.1	0.38	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
1,2-Diphenylhydrazine	ND	7.1	0.53	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
1,3-Dichlorobenzene	ND	7.1	0.42	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
1,4-Dichlorobenzene	1.5 J	7.1	0.42	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2,4,5-Trichlorophenol	ND	7.1	0.22	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2,4,6-Trichlorophenol	ND	7.1	0.32	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2,4-Dichlorophenol	ND	14	0.40	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2,4-Dimethylphenol	ND	7.1	0.57	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2,4-Dinitrophenol	ND	7.1	1.4	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2,4-Dinitrotoluene	ND	7.1	0.29	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2,6-Dinitrotoluene	ND	7.1	0.84	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2-Chloronaphthalene	ND	7.1	0.42	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2-Chlorophenol	ND	14	0.90	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2-Methylnaphthalene	2.0 J	7.1	0.56	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2-Methylphenol	ND	14	3.6	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2-Nitroaniline	ND	7.1	0.66	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2-Nitrophenol	ND	14	0.77	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
3,3-Dichlorobenzidine	ND	7.1	0.77	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
3-/4-Methylphenol	ND	14	0.39	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	

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Service Engineering Group	Client Ref:05017-0207	Work Order #: 0506328
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:05500	Account ID: CVXX-96-003

60028-1M-PO

0506328-01 (Water)

12/2/05 7:55

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
3-Nitroaniline	ND	7.1	0.95	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
4,6-Dinitro-2-methylphenol	ND	7.1	1.0	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
4-Bromophenyl phenyl ether	ND	7.1	0.34	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
4-Chloro-3-methylphenol	ND	7.1	0.33	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
4-Chloroaniline	ND	7.1	0.85	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	2.9	0.35	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
4-Nitroaniline	ND	7.1	0.48	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
4-Nitrophenol	ND	7.1	1.2	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Acenaphthene	**11**	2.9	0.37	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Acenaphthylene	ND	2.9	0.27	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Aniline	ND	7.1	1.3	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Anthracene	2.6 J	2.9	0.30	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Benz(a)anthracene	ND	2.9	1.0	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Benzo(a)pyrene	ND	2.9	1.1	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Benzo(b)fluoranthene	ND	2.9	0.60	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Benzo(g,h,i)perylene	ND	2.9	0.96	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Benzo(k)fluoranthene	ND	2.9	1.1	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Benzyl alcohol	ND	14	0.46	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
bis(2-Chloroethoxy)methane	ND	7.1	0.48	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Bis(2-Chloroethyl)ether	ND	7.1	0.59	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Bis(2-chloroisopropyl)ether	ND	7.1	0.46	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Bis(2-Ethylhexyl)phthalate	ND	7.1	2.2	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Butyl benzyl phthalate	ND	7.1	0.44	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Carbazole	1.5 J	7.1	0.49	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Chrysene	ND	2.9	1.0	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Dibenz(a,h)anthracene	ND	2.9	1.1	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Dibenzofuran	1.6 J	7.1	0.39	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Diethylphthalate	ND	7.1	0.43	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Dimethyl phthalate	ND	7.1	0.30	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	

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675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:05500	Account ID: CVXX-96-003

60028-1M-PO

0506328-01 (Water)

12/2/05 7:55

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Di-n-butyl phthalate	ND	7.1	0.67	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Di-n-octyl phthalate	ND	7.1	1.1	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Fluoranthene	2.5 J	2.9	0.37	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Fluorene	**7.3**	2.9	0.65	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Hexachlorobenzene	ND	7.1	0.35	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Hexachlorobutadiene	ND	7.1	0.45	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Hexachlorocyclopentadiene	ND	7.1	0.40	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Hexachloroethane	ND	7.1	0.50	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Indeno(1,2,3-cd)pyrene	ND	2.9	1.1	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Isophorone	ND	7.1	0.30	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Naphthalene	0.86 J	7.1	0.45	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Nitrobenzene	ND	7.1	0.38	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
N-Nitrosodimethylamine	ND	7.1	0.37	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
N-Nitrosodi-n-propylamine	ND	7.1	0.45	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
N-Nitrosodiphenylamine	ND	7.1	0.44	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Pentachlorophenol	ND	7.1	0.78	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Phenanthrene	**9.9**	2.9	0.29	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Phenol	ND	14	3.0	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Pyrene	2.7 J	2.9	0.72	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Pyridine	ND	14	3.5	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Surrogate: 2,4,6-Tribromophenol	*103 %*	*Limits: 65-100%*			*B5L0113*	*12/7/05*	*12/8/05*	*EPA 8270C*	*vm*
Surrogate: 2-Fluorobiphenyl	*77.9 %*	*Limits: 59-101%*			*B5L0113*	*12/7/05*	*12/8/05*	*EPA 8270C*	
Surrogate: 2-Fluorophenol	*55.9 %*	*Limits: 30-75%*			*B5L0113*	*12/7/05*	*12/8/05*	*EPA 8270C*	
Surrogate: Nitrobenzene-d5	*62.7 %*	*Limits: 57-101%*			*B5L0113*	*12/7/05*	*12/8/05*	*EPA 8270C*	
Surrogate: Phenol-d6	*50.8 %*	*Limits: 30-75%*			*B5L0113*	*12/7/05*	*12/8/05*	*EPA 8270C*	
Surrogate: Terphenyl-d14	*91.3 %*	*Limits: 65-100%*			*B5L0113*	*12/7/05*	*12/8/05*	*EPA 8270C*	

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Bloomington, MN 55438
952-995-2000 Phone
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Service Engineering Group	Client Ref:05017-0207	Work Order #: 0506328
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:05500	Account ID: CVXX-96-003

60028-1M-PO

0506328-01 (Water)

12/2/05 7:55

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,1,2-Tetrachloroethane	ND	2.0	0.28	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	vfa
1,1,1-Trichloroethane	ND	2.0	0.10	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	vfa
1,1,2,2-Tetrachloroethane	ND	2.0	0.47	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	vfa
1,1,2-Trichloroethane	ND	2.0	0.40	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	vfa
1,1,2-Trichlorotrifluoroethane	ND	2.0	0.23	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	vfa
1,1-Dichloroethane	ND	2.0	0.11	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	vfa
1,1-Dichloroethene	ND	2.0	0.17	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	vfa
1,1-Dichloropropene	ND	2.0	0.15	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	vfa
1,2,3-Trichlorobenzene	ND	2.0	0.22	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	vfa
1,2,3-Trichloropropane	ND	2.0	0.60	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	vfa
1,2,4-Trichlorobenzene	ND	2.0	0.29	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	vfa
1,2,4-Trimethylbenzene	**8.8**	2.0	0.14	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	vfa
1,2-Dibromo-3-chloropropane	ND	2.0	0.81	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	vfa
1,2-Dibromoethane	ND	2.0	0.13	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	vfa
1,2-Dichlorobenzene	ND	2.0	0.24	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	vfa
1,2-Dichloroethane	ND	2.0	0.11	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	vfa
1,2-Dichloropropane	ND	2.0	0.10	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	vfa
1,3,5-Trimethylbenzene	**3.5**	2.0	0.19	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	vfa
1,3-Dichlorobenzene	ND	2.0	0.17	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	vfa
1,3-Dichloropropane	ND	2.0	0.25	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	vfa
1,4-Dichlorobenzene	**3.1**	2.0	0.24	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	vfa
2,2-Dichloropropane	ND	2.0	0.21	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	vfa
2-Butanone (MEK)	ND	20	2.7	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	vfa
2-Chlorotoluene	ND	2.0	0.39	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	vfa
4-Chlorotoluene	ND	2.0	0.26	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	vfa
4-Isopropyltoluene	ND	2.0	0.12	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	vfa
Acetone	ND	40	3.1	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	vfa
Allyl Chloride	ND	2.0	0.52	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	vfa
Benzene	ND	2.0	0.090	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	vfa

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Service Engineering Group	Client Ref:05017-0207	Work Order #: 0506328
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:05500	Account ID: CVXX-96-003

60028-1M-PO

0506328-01 (Water)

12/2/05 7:55

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Bromobenzene	ND	2.0	0.30	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	vfa
Bromochloromethane	ND	2.0	0.42	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	vfa
Bromodichloromethane	ND	2.0	0.21	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	vfa
Bromoform	ND	10	0.26	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	vfa
Bromomethane	ND	2.0	0.27	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	vfa
Carbon Tetrachloride	ND	2.0	0.11	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	vfa
Chlorobenzene	**2.9**	2.0	0.084	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	vfa
Chlorodibromomethane	ND	2.0	0.056	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	go, vfa
Chloroethane	ND	2.0	0.22	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	vfa
Chloroform	ND	2.0	0.23	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	vfa
Chloromethane	ND	2.0	0.40	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	vfa
cis-1,2-Dichloroethene	ND	2.0	0.21	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	vfa
cis-1,3-Dichloropropene	ND	2.0	0.082	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	vfa
Dibromomethane	ND	2.0	0.40	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	vfa
Dichlorodifluoromethane	ND	2.0	0.25	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	go, vfa
Dichlorofluoromethane	ND	2.0	0.21	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	vfa
Ethyl Ether	ND	2.0	0.61	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	vfa
Ethylbenzene	ND	2.0	0.21	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	vfa
Hexachlorobutadiene	ND	4.0	0.49	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	vfa
Isopropylbenzene	ND	2.0	0.13	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	vfa
m,p-Xylenes	**4.7**	2.0	0.25	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	vfa
Methyl Isobutyl Ketone	ND	10	0.83	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	go, vfa
Methylene chloride	ND	10	1.3	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	vfa
Methyl-t-butyl ether	ND	2.0	0.24	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	vfa
Naphthalene	**72**	2.0	0.20	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	vfa
n-Butylbenzene	ND	2.0	0.24	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	vfa
n-Propylbenzene	ND	2.0	0.21	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	vfa
o-Xylene	**3.7**	2.0	0.28	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	vfa
sec-Butylbenzene	ND	2.0	0.084	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	vfa

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Service Engineering Group	Client Ref:05017-0207	Work Order #: 0506328
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:05500	Account ID: CVXX-96-003

60028-1M-PO

0506328-01 (Water)

12/2/05 7:55

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Styrene	ND	2.0	0.094	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	vfa
tert-Butylbenzene	ND	2.0	0.20	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	vfa
Tetrachloroethene	ND	4.0	0.38	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	vfa
Tetrahydrofuran	ND	10	2.3	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	go, vfa
Toluene	ND	2.0	0.34	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	vfa
trans-1,2-Dichloroethene	ND	2.0	0.27	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	vfa
trans-1,3-Dichloropropene	ND	2.0	0.24	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	vfa
Trichloroethene	ND	2.0	0.15	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	vfa
Trichlorofluoromethane	ND	2.0	0.38	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	vfa
Vinyl chloride	ND	2.0	0.50	ug/L	B5L0162	12/7/05	12/9/05	EPA 8260B	vfa
Surrogate: 1,2-Dichloroethane-d4	*93.6 %*	*Limits: 82-128%*			*B5L0162*	*12/7/05*	*12/9/05*	*EPA 8260B*	*vfa*
Surrogate: 4-Bromofluorobenzene	*116 %*	*Limits: 76-119%*			*B5L0162*	*12/7/05*	*12/9/05*	*EPA 8260B*	*vfa*
Surrogate: Dibromofluoromethane	*104 %*	*Limits: 79-127%*			*B5L0162*	*12/7/05*	*12/9/05*	*EPA 8260B*	*vfa*
Surrogate: Toluene-d8	*104 %*	*Limits: 82-116%*			*B5L0162*	*12/7/05*	*12/9/05*	*EPA 8260B*	*vfa*

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Bloomington, MN 55438
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Service Engineering Group	Client Ref:05017-0207	Work Order #: 0506328
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:05500	Account ID: CVXX-96-003

60028-1M-DCN

0506328-02 (Water)

12/2/05 9:30

Metals

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Mercury, Dissolved	0.17 J	0.20	0.011	ug/L	B5L0064	12/5/05	12/6/05	EPA 7470A	
Mercury	ND	0.20	0.011	ug/L	B5L0144	12/8/05	12/9/05	EPA 7470A	

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,2,4-Trichlorobenzene	ND	5.0	0.33	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
1,2-Dichlorobenzene	ND	5.0	0.27	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
1,2-Diphenylhydrazine	ND	5.0	0.37	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
1,3-Dichlorobenzene	ND	5.0	0.30	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
1,4-Dichlorobenzene	ND	5.0	0.29	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2,4,5-Trichlorophenol	ND	5.0	0.15	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2,4,6-Trichlorophenol	ND	5.0	0.23	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2,4-Dichlorophenol	ND	10	0.28	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2,4-Dimethylphenol	ND	5.0	0.40	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2,4-Dinitrophenol	ND	5.0	0.96	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2,4-Dinitrotoluene	ND	5.0	0.20	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2,6-Dinitrotoluene	ND	5.0	0.58	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2-Chloronaphthalene	ND	5.0	0.30	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2-Chlorophenol	ND	10	0.63	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2-Methylnaphthalene	ND	5.0	0.39	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2-Methylphenol	ND	10	2.5	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2-Nitroaniline	ND	5.0	0.46	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2-Nitrophenol	ND	10	0.54	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
3,3-Dichlorobenzidine	ND	5.0	0.54	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
3-/4-Methylphenol	ND	10	0.28	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
3-Nitroaniline	ND	5.0	0.66	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
4,6-Dinitro-2-methylphenol	ND	5.0	0.70	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
4-Bromophenyl phenyl ether	ND	5.0	0.24	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
4-Chloro-3-methylphenol	ND	5.0	0.23	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	

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Service Engineering Group	Client Ref:05017-0207	Work Order #: 0506328
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:05500	Account ID: CVXX-96-003

60028-1M-DCN

0506328-02 (Water)

12/2/05 9:30

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
4-Chloroaniline	ND	5.0	0.59	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	2.0	0.25	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
4-Nitroaniline	ND	5.0	0.34	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
4-Nitrophenol	ND	5.0	0.82	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Acenaphthene	ND	2.0	0.26	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Acenaphthylene	ND	2.0	0.19	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Aniline	ND	5.0	0.88	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Anthracene	ND	2.0	0.21	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Benz(a)anthracene	ND	2.0	0.71	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Benzo(a)pyrene	ND	2.0	0.77	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Benzo(b)fluoranthene	ND	2.0	0.42	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Benzo(g,h,i)perylene	ND	2.0	0.67	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Benzo(k)fluoranthene	ND	2.0	0.75	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Benzyl alcohol	ND	10	0.32	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
bis(2-Chloroethoxy)methane	ND	5.0	0.34	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Bis(2-Chloroethyl)ether	ND	5.0	0.42	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Bis(2-chloroisopropyl)ether	ND	5.0	0.32	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Bis(2-Ethylhexyl)phthalate	ND	5.0	1.5	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Butyl benzyl phthalate	ND	5.0	0.31	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Carbazole	ND	5.0	0.34	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Chrysene	ND	2.0	0.70	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Dibenz(a,h)anthracene	ND	2.0	0.78	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Dibenzofuran	ND	5.0	0.27	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Diethylphthalate	ND	5.0	0.30	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Dimethyl phthalate	ND	5.0	0.21	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Di-n-butyl phthalate	ND	5.0	0.47	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Di-n-octyl phthalate	ND	5.0	0.80	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Fluoranthene	ND	2.0	0.26	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	

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675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:05500	Account ID: CVXX-96-003

60028-1M-DCN

0506328-02 (Water)

12/2/05 9:30

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Fluorene	ND	2.0	0.46	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Hexachlorobenzene	ND	5.0	0.24	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Hexachlorobutadiene	ND	5.0	0.31	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Hexachlorocyclopentadiene	ND	5.0	0.28	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Hexachloroethane	ND	5.0	0.35	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Indeno(1,2,3-cd)pyrene	ND	2.0	0.78	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Isophorone	ND	5.0	0.21	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Naphthalene	ND	5.0	0.32	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Nitrobenzene	ND	5.0	0.27	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
N-Nitrosodimethylamine	ND	5.0	0.26	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
N-Nitrosodi-n-propylamine	ND	5.0	0.31	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
N-Nitrosodiphenylamine	ND	5.0	0.31	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Pentachlorophenol	ND	5.0	0.54	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Phenanthrene	ND	2.0	0.21	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Phenol	ND	10	2.1	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Pyrene	ND	2.0	0.50	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Pyridine	ND	10	2.4	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Surrogate: 2,4,6-Tribromophenol	*96.8 %*	*Limits: 65-100%*			*B5L0113*	*12/7/05*	*12/8/05*	*EPA 8270C*	
Surrogate: 2-Fluorobiphenyl	*79.7 %*	*Limits: 59-101%*			*B5L0113*	*12/7/05*	*12/8/05*	*EPA 8270C*	
Surrogate: 2-Fluorophenol	*45.3 %*	*Limits: 30-75%*			*B5L0113*	*12/7/05*	*12/8/05*	*EPA 8270C*	
Surrogate: Nitrobenzene-d5	*62.2 %*	*Limits: 57-101%*			*B5L0113*	*12/7/05*	*12/8/05*	*EPA 8270C*	
Surrogate: Phenol-d6	*36.0 %*	*Limits: 30-75%*			*B5L0113*	*12/7/05*	*12/8/05*	*EPA 8270C*	
Surrogate: Terphenyl-d14	*92.8 %*	*Limits: 65-100%*			*B5L0113*	*12/7/05*	*12/8/05*	*EPA 8270C*	

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	

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BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:05017-0207	Work Order #: 0506328
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:05500	Account ID: CVXX-96-003

60028-1M-DCN

0506328-02 (Water)

12/2/05 9:30

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,1-Trichloroethane	ND	1.0	0.050	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,1,2-Trichlorotrifluoroethane	ND	1.0	0.12	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,1-Dichloroethane	ND	1.0	0.053	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,1-Dichloroethene	ND	1.0	0.085	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,1-Dichloropropene	ND	1.0	0.073	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,2,3-Trichlorobenzene	ND	1.0	0.11	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,2,3-Trichloropropane	ND	1.0	0.30	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,2,4-Trichlorobenzene	ND	1.0	0.14	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,2,4-Trimethylbenzene	ND	1.0	0.071	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,2-Dibromo-3-chloropropane	ND	1.0	0.41	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,2-Dibromoethane	ND	1.0	0.064	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,2-Dichlorobenzene	ND	1.0	0.12	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,2-Dichloroethane	ND	1.0	0.053	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,2-Dichloropropane	ND	1.0	0.050	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,3,5-Trimethylbenzene	ND	1.0	0.097	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,3-Dichlorobenzene	ND	1.0	0.083	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,3-Dichloropropane	ND	1.0	0.13	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,4-Dichlorobenzene	ND	1.0	0.12	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
2,2-Dichloropropane	ND	1.0	0.10	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
2-Butanone (MEK)	ND	10	1.3	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
2-Chlorotoluene	ND	1.0	0.20	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
4-Chlorotoluene	ND	1.0	0.13	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
4-Isopropyltoluene	ND	1.0	0.058	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Acetone	ND	20	1.5	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Allyl Chloride	ND	1.0	0.26	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Benzene	ND	1.0	0.045	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	

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BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:05017-0207	Work Order #: 0506328
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:05500	Account ID: CVXX-96-003

60028-1M-DCN

0506328-02 (Water)

12/2/05 9:30

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Bromobenzene	ND	1.0	0.15	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Bromochloromethane	ND	1.0	0.21	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Bromodichloromethane	**4.5**	1.0	0.11	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Bromoform	ND	5.0	0.13	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Bromomethane	ND	1.0	0.14	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Carbon Tetrachloride	ND	1.0	0.057	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Chlorobenzene	ND	1.0	0.042	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Chlorodibromomethane	ND	1.0	0.028	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	go
Chloroethane	ND	1.0	0.11	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Chloroform	**15**	1.0	0.12	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Chloromethane	**1.4**	1.0	0.20	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.0	0.10	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.0	0.041	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Dibromomethane	ND	1.0	0.20	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Dichlorodifluoromethane	ND	1.0	0.13	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	go
Dichlorofluoromethane	ND	1.0	0.10	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Ethyl Ether	ND	1.0	0.31	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Ethylbenzene	ND	1.0	0.10	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Hexachlorobutadiene	ND	2.0	0.24	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Isopropylbenzene	ND	1.0	0.064	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
m,p-Xylenes	ND	1.0	0.13	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Methyl Isobutyl Ketone	ND	5.0	0.42	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	go
Methylene chloride	ND	5.0	0.63	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Methyl-t-butyl ether	ND	1.0	0.12	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Naphthalene	ND	1.0	0.10	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
n-Butylbenzene	ND	1.0	0.12	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
n-Propylbenzene	ND	1.0	0.10	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
o-Xylene	ND	1.0	0.14	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
sec-Butylbenzene	ND	1.0	0.042	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	

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BRAUN INTERTEC

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Bloomington, MN 55438
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Service Engineering Group	Client Ref:05017-0207	Work Order #: 0506328
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:05500	Account ID: CVXX-96-003

60028-1M-DCN

0506328-02 (Water)

12/2/05 9:30

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Styrene	ND	1.0	0.047	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
tert-Butylbenzene	ND	1.0	0.10	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Tetrachloroethene	ND	2.0	0.19	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Tetrahydrofuran	ND	5.0	1.2	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	go
Toluene	ND	1.0	0.17	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
trans-1,2-Dichloroethene	ND	1.0	0.14	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.0	0.12	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Trichloroethene	ND	1.0	0.073	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Trichlorofluoromethane	ND	1.0	0.19	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Vinyl chloride	ND	1.0	0.25	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4	*92.8 %*	*Limits: 82-128%*			*B5L0162*	*12/7/05*	*12/7/05*	*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene	*112 %*	*Limits: 76-119%*			*B5L0162*	*12/7/05*	*12/7/05*	*EPA 8260B*	
Surrogate: Dibromofluoromethane	*106 %*	*Limits: 79-127%*			*B5L0162*	*12/7/05*	*12/7/05*	*EPA 8260B*	
Surrogate: Toluene-d8	*103 %*	*Limits: 82-116%*			*B5L0162*	*12/7/05*	*12/7/05*	*EPA 8260B*	

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11001 Hampshire Ave. S.
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Service Engineering Group	Client Ref:05017-0207	Work Order #: 0506328
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:05500	Account ID: CVXX-96-003

60028-1Q-PR

0506328-03 (Water)

12/1/05 9:37

Classical Chemistry Parameters

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Total Suspended Solids	**3700**	5.0	3.6	mg/L	B5L0110	12/6/05	12/6/05	EPA 160.2	
Total Organic Carbon	**10**	8.0	3.0	mg/L	B5L0235	12/11/05	12/12/05	EPA 9060	ts

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Service Engineering Group	Client Ref:05017-0207	Work Order #: 0506328
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:05500	Account ID: CVXX-96-003

Trip Blank

0506328-04 (Water)

12/1/05 0:00

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,1,1-Trichloroethane	ND	1.0	0.050	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,1,2-Trichlorotrifluoroethane	ND	1.0	0.12	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,1-Dichloroethane	ND	1.0	0.053	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,1-Dichloroethene	ND	1.0	0.085	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,1-Dichloropropene	ND	1.0	0.073	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,2,3-Trichlorobenzene	ND	1.0	0.11	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,2,3-Trichloropropane	ND	1.0	0.30	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,2,4-Trichlorobenzene	ND	1.0	0.14	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,2,4-Trimethylbenzene	ND	1.0	0.071	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,2-Dibromo-3-chloropropane	ND	1.0	0.41	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,2-Dibromoethane	ND	1.0	0.064	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,2-Dichlorobenzene	ND	1.0	0.12	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,2-Dichloroethane	ND	1.0	0.053	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,2-Dichloropropane	ND	1.0	0.050	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,3,5-Trimethylbenzene	ND	1.0	0.097	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,3-Dichlorobenzene	ND	1.0	0.083	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,3-Dichloropropane	ND	1.0	0.13	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
1,4-Dichlorobenzene	ND	1.0	0.12	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
2,2-Dichloropropane	ND	1.0	0.10	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
2-Butanone (MEK)	ND	10	1.3	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
2-Chlorotoluene	ND	1.0	0.20	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
4-Chlorotoluene	ND	1.0	0.13	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
4-Isopropyltoluene	ND	1.0	0.058	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Acetone	ND	20	1.5	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Allyl Chloride	ND	1.0	0.26	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	

BRAUN INTERTEC

11001 Hampshire Ave. S.
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Service Engineering Group	Client Ref:05017-0207	Work Order #: 0506328
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:05500	Account ID: CVXX-96-003

Trip Blank

0506328-04 (Water)

12/1/05 0:00

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	0.045	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Bromobenzene	ND	1.0	0.15	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Bromochloromethane	ND	1.0	0.21	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Bromodichloromethane	ND	1.0	0.11	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Bromoform	ND	5.0	0.13	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Bromomethane	ND	1.0	0.14	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Carbon Tetrachloride	ND	1.0	0.057	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Chlorobenzene	ND	1.0	0.042	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Chlorodibromomethane	ND	1.0	0.028	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	go
Chloroethane	ND	1.0	0.11	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Chloroform	ND	1.0	0.12	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Chloromethane	ND	1.0	0.20	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.0	0.10	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.0	0.041	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Dibromomethane	ND	1.0	0.20	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Dichlorodifluoromethane	ND	1.0	0.13	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	go
Dichlorofluoromethane	ND	1.0	0.10	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Ethyl Ether	ND	1.0	0.31	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Ethylbenzene	ND	1.0	0.10	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Hexachlorobutadiene	ND	2.0	0.24	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Isopropylbenzene	ND	1.0	0.064	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
m,p-Xylenes	ND	1.0	0.13	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Methyl Isobutyl Ketone	ND	5.0	0.42	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	go
Methylene chloride	ND	5.0	0.63	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Methyl-t-butyl ether	ND	1.0	0.12	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Naphthalene	ND	1.0	0.10	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
n-Butylbenzene	ND	1.0	0.12	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
n-Propylbenzene	ND	1.0	0.10	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	

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Service Engineering Group	Client Ref:05017-0207	Work Order #: 0506328
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:05500	Account ID: CVXX-96-003

Trip Blank

0506328-04 (Water)

12/1/05 0:00

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
o-Xylene	ND	1.0	0.14	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
sec-Butylbenzene	ND	1.0	0.042	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Styrene	ND	1.0	0.047	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
tert-Butylbenzene	ND	1.0	0.10	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Tetrachloroethene	ND	2.0	0.19	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Tetrahydrofuran	ND	5.0	1.2	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	go
Toluene	ND	1.0	0.17	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
trans-1,2-Dichloroethene	ND	1.0	0.14	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.0	0.12	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Trichloroethene	ND	1.0	0.073	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Trichlorofluoromethane	ND	1.0	0.19	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Vinyl chloride	ND	1.0	0.25	ug/L	B5L0162	12/7/05	12/7/05	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4	*93.2 %*	*Limits: 82-128%*			*B5L0162*	*12/7/05*	*12/7/05*	*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene	*111 %*	*Limits: 76-119%*			*B5L0162*	*12/7/05*	*12/7/05*	*EPA 8260B*	
Surrogate: Dibromofluoromethane	*104 %*	*Limits: 79-127%*			*B5L0162*	*12/7/05*	*12/7/05*	*EPA 8260B*	
Surrogate: Toluene-d8	*105 %*	*Limits: 82-116%*			*B5L0162*	*12/7/05*	*12/7/05*	*EPA 8260B*	

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Service Engineering Group	Client Ref:05017-0207	Work Order #: 0506328
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:05500	Account ID: CVXX-96-003

Classical Chemistry Parameters - Quality Control

Batch B5L0110 - Default Prep GenChem

Method Blank (B5L0110-BLK1) Prepared & Analyzed: 12/06/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Suspended Solids	ND	5.0	3.6	mg/L	NA	NA	NA	NA	NA	NA	

Laboratory Control Sample (B5L0110-BS1) Prepared & Analyzed: 12/06/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Suspended Solids	254			mg/L	250	NA	102	80-120	NA	NA	

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St. Paul MN, 55114-1312	PO Number:05500	Account ID: CVXX-96-003

Metals - Quality Control

Batch B5L0064 - EPA 7470A

Method Blank (B5L0064-BLK1) Prepared: 12/05/05 Analyzed: 12/06/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury, Dissolved	0.181	0.20	0.011	ug/L	NA	NA	NA	NA	NA	NA	

Method Blank (B5L0064-BLK2) Prepared & Analyzed: 12/06/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury, Dissolved	ND	0.20	0.011	ug/L	NA	NA	NA	NA	NA	NA	

Laboratory Control Sample (B5L0064-BS1) Prepared: 12/05/05 Analyzed: 12/06/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury, Dissolved	2.57	0.20	0.011	ug/L	2.50	NA	103	85-115	NA	NA	

Laboratory Control Sample Duplicate (B5L0064-BSD1) Prepared: 12/05/05 Analyzed: 12/06/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury, Dissolved	2.60	0.20	0.011	ug/L	2.50	NA	104	85-115	1.16	20	

Batch B5L0144 - EPA 7470A

Method Blank (B5L0144-BLK1) Prepared: 12/08/05 Analyzed: 12/09/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	ND	0.20	0.011	ug/L	NA	NA	NA	NA	NA	NA	

Laboratory Control Sample (B5L0144-BS1) Prepared: 12/08/05 Analyzed: 12/09/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	2.58	0.20	0.011	ug/L	2.50	NA	103	85-115	NA	NA	

Laboratory Control Sample Duplicate (B5L0144-BSD1) Prepared: 12/08/05 Analyzed: 12/09/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	2.66	0.20	0.011	ug/L	2.50	NA	106	85-115	3.05	20	

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675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:05500	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5L0113 - EPA 3510C

Method Blank (B5L0113-BLK1) Prepared: 12/07/05 Analyzed: 12/08/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	ND	5.0	0.33	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	ND	5.0	0.27	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Diphenylhydrazine	ND	5.0	0.37	ug/L	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	ND	5.0	0.30	ug/L	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	ND	5.0	0.29	ug/L	NA	NA	NA	NA	NA	NA	
2,4,5-Trichlorophenol	ND	5.0	0.15	ug/L	NA	NA	NA	NA	NA	NA	
2,4,6-Trichlorophenol	ND	5.0	0.23	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dichlorophenol	ND	10	0.28	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dimethylphenol	ND	5.0	0.40	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dinitrophenol	ND	5.0	0.96	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dinitrotoluene	ND	5.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
2,6-Dinitrotoluene	ND	5.0	0.58	ug/L	NA	NA	NA	NA	NA	NA	
2-Chloronaphthalene	ND	5.0	0.30	ug/L	NA	NA	NA	NA	NA	NA	
2-Chlorophenol	ND	10	0.63	ug/L	NA	NA	NA	NA	NA	NA	
2-Methylnaphthalene	ND	5.0	0.39	ug/L	NA	NA	NA	NA	NA	NA	
2-Methylphenol	ND	10	2.5	ug/L	NA	NA	NA	NA	NA	NA	
2-Nitroaniline	ND	5.0	0.46	ug/L	NA	NA	NA	NA	NA	NA	
2-Nitrophenol	ND	10	0.54	ug/L	NA	NA	NA	NA	NA	NA	
3,3-Dichlorobenzidine	ND	5.0	0.54	ug/L	NA	NA	NA	NA	NA	NA	
3-/4-Methylphenol	ND	10	0.28	ug/L	NA	NA	NA	NA	NA	NA	
3-Nitroaniline	ND	5.0	0.66	ug/L	NA	NA	NA	NA	NA	NA	
4,6-Dinitro-2-methylphenol	ND	5.0	0.70	ug/L	NA	NA	NA	NA	NA	NA	
4-Bromophenyl phenyl ether	ND	5.0	0.24	ug/L	NA	NA	NA	NA	NA	NA	
4-Chloro-3-methylphenol	ND	5.0	0.23	ug/L	NA	NA	NA	NA	NA	NA	
4-Chloroaniline	ND	5.0	0.59	ug/L	NA	NA	NA	NA	NA	NA	
4-Chlorophenyl phenyl ether	ND	2.0	0.25	ug/L	NA	NA	NA	NA	NA	NA	
4-Nitroaniline	ND	5.0	0.34	ug/L	NA	NA	NA	NA	NA	NA	
4-Nitrophenol	ND	5.0	0.82	ug/L	NA	NA	NA	NA	NA	NA	
Acenaphthene	ND	2.0	0.26	ug/L	NA	NA	NA	NA	NA	NA	
Acenaphthylene	ND	2.0	0.19	ug/L	NA	NA	NA	NA	NA	NA	
Aniline	ND	5.0	0.88	ug/L	NA	NA	NA	NA	NA	NA	
Anthracene	ND	2.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Benz(a)anthracene	ND	2.0	0.71	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(a)pyrene	ND	2.0	0.77	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(b)fluoranthene	ND	2.0	0.42	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(g,h,i)perylene	ND	2.0	0.67	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(k)fluoranthene	ND	2.0	0.75	ug/L	NA	NA	NA	NA	NA	NA	
Benzyl alcohol	ND	10	0.32	ug/L	NA	NA	NA	NA	NA	NA	
bis(2-Chloroethoxy)methane	ND	5.0	0.34	ug/L	NA	NA	NA	NA	NA	NA	

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Service Engineering Group	Client Ref:05017-0207	Work Order #: 0506328
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:05500	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5L0113 - EPA 3510C

Method Blank (B5L0113-BLK1) Prepared: 12/07/05 Analyzed: 12/08/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Bis(2-Chloroethyl)ether	ND	5.0	0.42	ug/L	NA	NA	NA	NA	NA	NA	
Bis(2-chloroisopropyl)ether	ND	5.0	0.32	ug/L	NA	NA	NA	NA	NA	NA	
Bis(2-Ethylhexyl)phthalate	ND	5.0	1.5	ug/L	NA	NA	NA	NA	NA	NA	
Butyl benzyl phthalate	ND	5.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
Carbazole	ND	5.0	0.34	ug/L	NA	NA	NA	NA	NA	NA	
Chrysene	ND	2.0	0.70	ug/L	NA	NA	NA	NA	NA	NA	
Dibenz(a,h)anthracene	ND	2.0	0.78	ug/L	NA	NA	NA	NA	NA	NA	
Dibenzofuran	ND	5.0	0.27	ug/L	NA	NA	NA	NA	NA	NA	
Diethylphthalate	ND	5.0	0.30	ug/L	NA	NA	NA	NA	NA	NA	
Dimethyl phthalate	ND	5.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Di-n-butyl phthalate	ND	5.0	0.47	ug/L	NA	NA	NA	NA	NA	NA	
Di-n-octyl phthalate	ND	5.0	0.80	ug/L	NA	NA	NA	NA	NA	NA	
Fluoranthene	ND	2.0	0.26	ug/L	NA	NA	NA	NA	NA	NA	
Fluorene	ND	2.0	0.46	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorobenzene	ND	5.0	0.24	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorobutadiene	ND	5.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorocyclopentadiene	ND	5.0	0.28	ug/L	NA	NA	NA	NA	NA	NA	
Hexachloroethane	ND	5.0	0.35	ug/L	NA	NA	NA	NA	NA	NA	
Indeno(1,2,3-cd)pyrene	ND	2.0	0.78	ug/L	NA	NA	NA	NA	NA	NA	
Isophorone	ND	5.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Naphthalene	ND	5.0	0.32	ug/L	NA	NA	NA	NA	NA	NA	
Nitrobenzene	ND	5.0	0.27	ug/L	NA	NA	NA	NA	NA	NA	
N-Nitrosodimethylamine	ND	5.0	0.26	ug/L	NA	NA	NA	NA	NA	NA	
N-Nitrosodi-n-propylamine	ND	5.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
N-Nitrosodiphenylamine	ND	5.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
Pentachlorophenol	ND	5.0	0.54	ug/L	NA	NA	NA	NA	NA	NA	
Phenanthrene	ND	2.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Phenol	ND	10	2.1	ug/L	NA	NA	NA	NA	NA	NA	
Pyrene	ND	2.0	0.50	ug/L	NA	NA	NA	NA	NA	NA	
Pyridine	ND	10	2.4	ug/L	NA	NA	NA	NA	NA	NA	
Surrogate: 2,4,6-Tribromophenol	*38.6*			ug/L	*50.0*	*NA*	*77.2*	*65-100*			
Surrogate: 2-Fluorobiphenyl	*15.4*			ug/L	*25.0*	*NA*	*61.6*	*59-101*			
Surrogate: 2-Fluorophenol	*19.7*			ug/L	*50.0*	*NA*	*39.4*	*30-75*			
Surrogate: Nitrobenzene-d5	*13.2*			ug/L	*25.0*	*NA*	*52.8*	*57-101*			*vn*
Surrogate: Phenol-d6	*15.8*			ug/L	*50.0*	*NA*	*31.6*	*30-75*			
Surrogate: Terphenyl-d14	*22.1*			ug/L	*25.0*	*NA*	*88.4*	*65-100*			

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Service Engineering Group	Client Ref:05017-0207	Work Order #: 0506328
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:05500	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5L0113 - EPA 3510C

Laboratory Control Sample (B5L0113-BS1) Prepared: 12/07/05 Analyzed: 12/08/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	33.7	5.0	0.33	ug/L	50.0	NA	67.4	30-120	NA	NA	
1,4-Dichlorobenzene	33.3	5.0	0.29	ug/L	50.0	NA	66.6	40-110	NA	NA	
2-Chlorophenol	34.6	10	0.63	ug/L	50.0	NA	69.2	40-100	NA	NA	
4-Chloro-3-methylphenol	40.4	5.0	0.23	ug/L	50.0	NA	80.8	50-110	NA	NA	
4-Nitrophenol	26.9	5.0	0.82	ug/L	50.0	NA	53.8	30-80	NA	NA	
Acenaphthene	42.4	2.0	0.26	ug/L	50.0	NA	84.8	50-110	NA	NA	
N-Nitrosodi-n-propylamine	41.2	5.0	0.31	ug/L	50.0	NA	82.4	45-120	NA	NA	
Pentachlorophenol	40.5	5.0	0.54	ug/L	50.0	NA	81.0	45-115	NA	NA	
Phenol	23.6	10	2.1	ug/L	50.0	NA	47.2	30-80	NA	NA	
Pyrene	50.1	2.0	0.50	ug/L	50.0	NA	100	55-120	NA	NA	
Surrogate: 2,4,6-Tribromophenol	*51.0*			ug/L	*50.0*	*NA*	*102*	*65-100*			
Surrogate: 2-Fluorobiphenyl	*18.8*			ug/L	*25.0*	*NA*	*75.2*	*59-101*			
Surrogate: 2-Fluorophenol	*23.2*			ug/L	*50.0*	*NA*	*46.4*	*30-75*			
Surrogate: Nitrobenzene-d5	*17.4*			ug/L	*25.0*	*NA*	*69.6*	*57-101*			
Surrogate: Phenol-d6	*20.4*			ug/L	*50.0*	*NA*	*40.8*	*30-75*			
Surrogate: Terphenyl-d14	*23.5*			ug/L	*25.0*	*NA*	*94.0*	*65-100*			

Laboratory Control Sample Duplicate (B5L0113-BSD1) Prepared: 12/07/05 Analyzed: 12/08/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	33.8	5.0	0.33	ug/L	50.0	NA	67.6	30-120	0.296	20	
1,4-Dichlorobenzene	32.7	5.0	0.29	ug/L	50.0	NA	65.4	40-110	1.82	20	
2-Chlorophenol	33.0	10	0.63	ug/L	50.0	NA	66.0	40-100	4.73	20	
4-Chloro-3-methylphenol	40.9	5.0	0.23	ug/L	50.0	NA	81.8	50-110	1.23	20	
4-Nitrophenol	27.7	5.0	0.82	ug/L	50.0	NA	55.4	30-80	2.93	20	
Acenaphthene	42.5	2.0	0.26	ug/L	50.0	NA	85.0	50-110	0.236	20	
N-Nitrosodi-n-propylamine	39.3	5.0	0.31	ug/L	50.0	NA	78.6	45-120	4.72	20	
Pentachlorophenol	42.7	5.0	0.54	ug/L	50.0	NA	85.4	45-115	5.29	20	
Phenol	21.6	10	2.1	ug/L	50.0	NA	43.2	30-80	8.85	20	
Pyrene	49.6	2.0	0.50	ug/L	50.0	NA	99.2	55-120	1.00	20	
Surrogate: 2,4,6-Tribromophenol	*52.4*			ug/L	*50.0*	*NA*	*105*	*65-100*			
Surrogate: 2-Fluorobiphenyl	*18.4*			ug/L	*25.0*	*NA*	*73.6*	*59-101*			
Surrogate: 2-Fluorophenol	*21.0*			ug/L	*50.0*	*NA*	*42.0*	*30-75*			
Surrogate: Nitrobenzene-d5	*16.2*			ug/L	*25.0*	*NA*	*64.8*	*57-101*			
Surrogate: Phenol-d6	*18.7*			ug/L	*50.0*	*NA*	*37.4*	*30-75*			
Surrogate: Terphenyl-d14	*23.1*			ug/L	*25.0*	*NA*	*92.4*	*65-100*			

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St. Paul MN, 55114-1312	PO Number:05500	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0162 - EPA 5030B

Method Blank (B5L0162-BLK1) Prepared & Analyzed: 12/07/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
1,1,1-Trichloroethane	ND	1.0	0.050	ug/L	NA	NA	NA	NA	NA	NA	
1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/L	NA	NA	NA	NA	NA	NA	
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
1,1,2-Trichlorotrifluoroethane	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
1,1-Dichloroethane	ND	1.0	0.053	ug/L	NA	NA	NA	NA	NA	NA	
1,1-Dichloroethene	ND	1.0	0.085	ug/L	NA	NA	NA	NA	NA	NA	
1,1-Dichloropropene	ND	1.0	0.073	ug/L	NA	NA	NA	NA	NA	NA	
1,2,3-Trichlorobenzene	ND	1.0	0.11	ug/L	NA	NA	NA	NA	NA	NA	
1,2,3-Trichloropropane	ND	1.0	0.30	ug/L	NA	NA	NA	NA	NA	NA	
1,2,4-Trichlorobenzene	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
1,2,4-Trimethylbenzene	ND	1.0	0.071	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dibromo-3-chloropropane	ND	1.0	0.41	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dibromoethane	ND	1.0	0.064	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichloroethane	ND	1.0	0.053	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichloropropane	ND	1.0	0.050	ug/L	NA	NA	NA	NA	NA	NA	
1,3,5-Trimethylbenzene	ND	1.0	0.097	ug/L	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	ND	1.0	0.083	ug/L	NA	NA	NA	NA	NA	NA	
1,3-Dichloropropane	ND	1.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
2,2-Dichloropropane	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
2-Butanone (MEK)	ND	10	1.3	ug/L	NA	NA	NA	NA	NA	NA	
2-Chlorotoluene	ND	1.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
4-Chlorotoluene	ND	1.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
4-Isopropyltoluene	ND	1.0	0.058	ug/L	NA	NA	NA	NA	NA	NA	
Acetone	ND	20	1.5	ug/L	NA	NA	NA	NA	NA	NA	
Allyl Chloride	ND	1.0	0.26	ug/L	NA	NA	NA	NA	NA	NA	
Benzene	ND	1.0	0.045	ug/L	NA	NA	NA	NA	NA	NA	
Bromobenzene	ND	1.0	0.15	ug/L	NA	NA	NA	NA	NA	NA	
Bromochloromethane	ND	1.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Bromodichloromethane	ND	1.0	0.11	ug/L	NA	NA	NA	NA	NA	NA	
Bromoform	ND	5.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
Bromomethane	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
Carbon Tetrachloride	ND	1.0	0.057	ug/L	NA	NA	NA	NA	NA	NA	
Chlorobenzene	ND	1.0	0.042	ug/L	NA	NA	NA	NA	NA	NA	
Chlorodibromomethane	ND	1.0	0.028	ug/L	NA	NA	NA	NA	NA	NA	
Chloroethane	ND	1.0	0.11	ug/L	NA	NA	NA	NA	NA	NA	
Chloroform	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	

BRAUN INTERTEC

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Service Engineering Group	Client Ref:05017-0207	Work Order #: 0506328
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:05500	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0162 - EPA 5030B

Method Blank (B5L0162-BLK1) Prepared & Analyzed: 12/07/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	ND	1.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
cis-1,2-Dichloroethene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
cis-1,3-Dichloropropene	ND	1.0	0.041	ug/L	NA	NA	NA	NA	NA	NA	
Dibromomethane	ND	1.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
Dichlorodifluoromethane	ND	1.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
Dichlorofluoromethane	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
Ethyl Ether	ND	1.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
Ethylbenzene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorobutadiene	ND	2.0	0.24	ug/L	NA	NA	NA	NA	NA	NA	
Isopropylbenzene	ND	1.0	0.064	ug/L	NA	NA	NA	NA	NA	NA	
m,p-Xylenes	ND	1.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
Methyl Isobutyl Ketone	ND	5.0	0.42	ug/L	NA	NA	NA	NA	NA	NA	
Methylene chloride	ND	5.0	0.63	ug/L	NA	NA	NA	NA	NA	NA	
Methyl-t-butyl ether	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
Naphthalene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
n-Butylbenzene	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
n-Propylbenzene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
o-Xylene	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
sec-Butylbenzene	ND	1.0	0.042	ug/L	NA	NA	NA	NA	NA	NA	
Styrene	ND	1.0	0.047	ug/L	NA	NA	NA	NA	NA	NA	
tert-Butylbenzene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
Tetrachloroethene	ND	2.0	0.19	ug/L	NA	NA	NA	NA	NA	NA	
Tetrahydrofuran	ND	5.0	1.2	ug/L	NA	NA	NA	NA	NA	NA	
Toluene	ND	1.0	0.17	ug/L	NA	NA	NA	NA	NA	NA	
trans-1,2-Dichloroethene	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
trans-1,3-Dichloropropene	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
Trichloroethene	ND	1.0	0.073	ug/L	NA	NA	NA	NA	NA	NA	
Trichlorofluoromethane	ND	1.0	0.19	ug/L	NA	NA	NA	NA	NA	NA	
Vinyl chloride	ND	1.0	0.25	ug/L	NA	NA	NA	NA	NA	NA	
Surrogate: 1,2-Dichloroethane-d4	*23.0*			ug/L	*25.0*	*NA*	*92.0*	*82-128*			
Surrogate: 4-Bromofluorobenzene	*27.7*			ug/L	*25.0*	*NA*	*111*	*76-119*			
Surrogate: Dibromofluoromethane	*25.9*			ug/L	*25.0*	*NA*	*104*	*79-127*			
Surrogate: Toluene-d8	*26.3*			ug/L	*25.0*	*NA*	*105*	*82-116*			

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Service Engineering Group	Client Ref:05017-0207	Work Order #: 0506328
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:05500	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0162 - EPA 5030B

Laboratory Control Sample (B5L0162-BS1) Prepared & Analyzed: 12/07/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	29.8	1.0	0.14	ug/L	25.0	NA	119	80-120	NA	NA	
1,1,1-Trichloroethane	27.3	1.0	0.050	ug/L	25.0	NA	109	80-120	NA	NA	
1,1,2,2-Tetrachloroethane	25.1	1.0	0.23	ug/L	25.0	NA	100	80-120	NA	NA	
1,1,2-Trichloroethane	24.9	1.0	0.20	ug/L	25.0	NA	99.6	80-120	NA	NA	
1,1,2-Trichlorotrifluoroethane	29.5	1.0	0.12	ug/L	25.0	NA	118	80-120	NA	NA	
1,1-Dichloroethane	23.9	1.0	0.053	ug/L	25.0	NA	95.6	80-120	NA	NA	
1,1-Dichloroethene	27.7	1.0	0.085	ug/L	25.0	NA	111	80-120	NA	NA	
1,1-Dichloropropene	24.7	1.0	0.073	ug/L	25.0	NA	98.8	80-120	NA	NA	
1,2,3-Trichlorobenzene	25.6	1.0	0.11	ug/L	25.0	NA	102	80-120	NA	NA	
1,2,3-Trichloropropane	26.7	1.0	0.30	ug/L	25.0	NA	107	80-120	NA	NA	
1,2,4-Trichlorobenzene	24.9	1.0	0.14	ug/L	25.0	NA	99.6	80-120	NA	NA	
1,2,4-Trimethylbenzene	23.7	1.0	0.071	ug/L	25.0	NA	94.8	80-120	NA	NA	
1,2-Dibromo-3-chloropropane	25.2	1.0	0.41	ug/L	25.0	NA	101	80-120	NA	NA	
1,2-Dibromoethane	27.7	1.0	0.064	ug/L	25.0	NA	111	80-120	NA	NA	
1,2-Dichlorobenzene	23.9	1.0	0.12	ug/L	25.0	NA	95.6	80-120	NA	NA	
1,2-Dichloroethane	23.4	1.0	0.053	ug/L	25.0	NA	93.6	80-120	NA	NA	
1,2-Dichloropropane	20.9	1.0	0.050	ug/L	25.0	NA	83.6	80-120	NA	NA	
1,3,5-Trimethylbenzene	23.6	1.0	0.097	ug/L	25.0	NA	94.4	80-120	NA	NA	
1,3-Dichlorobenzene	22.4	1.0	0.083	ug/L	25.0	NA	89.6	80-120	NA	NA	
1,3-Dichloropropane	24.5	1.0	0.13	ug/L	25.0	NA	98.0	80-120	NA	NA	
1,4-Dichlorobenzene	23.6	1.0	0.12	ug/L	25.0	NA	94.4	80-120	NA	NA	
2,2-Dichloropropane	26.5	1.0	0.10	ug/L	25.0	NA	106	80-120	NA	NA	
2-Butanone (MEK)	23.0	10	1.3	ug/L	25.0	NA	92.0	80-120	NA	NA	
2-Chlorotoluene	24.0	1.0	0.20	ug/L	25.0	NA	96.0	80-120	NA	NA	
4-Chlorotoluene	23.6	1.0	0.13	ug/L	25.0	NA	94.4	80-120	NA	NA	
4-Isopropyltoluene	25.1	1.0	0.058	ug/L	25.0	NA	100	80-120	NA	NA	
Acetone	26.7	20	1.5	ug/L	25.0	NA	107	80-120	NA	NA	
Allyl Chloride	25.2	1.0	0.26	ug/L	25.0	NA	101	80-120	NA	NA	
Benzene	22.6	1.0	0.045	ug/L	25.0	NA	90.4	80-120	NA	NA	
Bromobenzene	23.7	1.0	0.15	ug/L	25.0	NA	94.8	80-120	NA	NA	
Bromochloromethane	28.5	1.0	0.21	ug/L	25.0	NA	114	80-120	NA	NA	
Bromodichloromethane	24.6	1.0	0.11	ug/L	25.0	NA	98.4	80-120	NA	NA	
Bromoform	27.0	5.0	0.13	ug/L	25.0	NA	108	80-120	NA	NA	
Bromomethane	27.4	1.0	0.14	ug/L	25.0	NA	110	80-120	NA	NA	
Carbon Tetrachloride	27.3	1.0	0.057	ug/L	25.0	NA	109	80-120	NA	NA	
Chlorobenzene	28.3	1.0	0.042	ug/L	25.0	NA	113	80-120	NA	NA	
Chlorodibromomethane	30.8	1.0	0.028	ug/L	25.0	NA	123	80-120	NA	NA	
Chloroethane	24.4	1.0	0.11	ug/L	25.0	NA	97.6	80-120	NA	NA	
Chloroform	25.3	1.0	0.12	ug/L	25.0	NA	101	80-120	NA	NA	

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Service Engineering Group	Client Ref:05017-0207	Work Order #: 0506328
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:05500	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0162 - EPA 5030B

Laboratory Control Sample (B5L0162-BS1) Prepared & Analyzed: 12/07/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	20.7	1.0	0.20	ug/L	25.0	NA	82.8	80-120	NA	NA	
cis-1,2-Dichloroethene	26.5	1.0	0.10	ug/L	25.0	NA	106	80-120	NA	NA	
cis-1,3-Dichloropropene	23.1	1.0	0.041	ug/L	25.0	NA	92.4	80-120	NA	NA	
Dibromomethane	23.0	1.0	0.20	ug/L	25.0	NA	92.0	80-120	NA	NA	
Dichlorodifluoromethane	18.6	1.0	0.13	ug/L	25.0	NA	74.4	80-120	NA	NA	
Dichlorofluoromethane	24.9	1.0	0.10	ug/L	25.0	NA	99.6	80-120	NA	NA	
Ethyl Ether	23.6	1.0	0.31	ug/L	25.0	NA	94.4	80-120	NA	NA	
Ethylbenzene	27.1	1.0	0.10	ug/L	25.0	NA	108	80-120	NA	NA	
Hexachlorobutadiene	24.9	2.0	0.24	ug/L	25.0	NA	99.6	80-120	NA	NA	
Isopropylbenzene	28.4	1.0	0.064	ug/L	25.0	NA	114	80-120	NA	NA	
m,p-Xylenes	55.6	1.0	0.13	ug/L	50.0	NA	111	80-120	NA	NA	
Methyl Isobutyl Ketone	19.4	5.0	0.42	ug/L	25.0	NA	77.6	80-120	NA	NA	
Methylene chloride	24.4	5.0	0.63	ug/L	25.0	NA	97.6	80-120	NA	NA	
Methyl-t-butyl ether	23.9	1.0	0.12	ug/L	25.0	NA	95.6	80-120	NA	NA	
Naphthalene	25.2	1.0	0.10	ug/L	25.0	NA	101	80-120	NA	NA	
n-Butylbenzene	23.0	1.0	0.12	ug/L	25.0	NA	92.0	80-120	NA	NA	
n-Propylbenzene	24.2	1.0	0.10	ug/L	25.0	NA	96.8	80-120	NA	NA	
o-Xylene	27.6	1.0	0.14	ug/L	25.0	NA	110	80-120	NA	NA	
sec-Butylbenzene	24.2	1.0	0.042	ug/L	25.0	NA	96.8	80-120	NA	NA	
Styrene	28.3	1.0	0.047	ug/L	25.0	NA	113	80-120	NA	NA	
tert-Butylbenzene	24.6	1.0	0.10	ug/L	25.0	NA	98.4	80-120	NA	NA	
Tetrachloroethene	27.9	2.0	0.19	ug/L	25.0	NA	112	80-120	NA	NA	
Tetrahydrofuran	18.3	5.0	1.2	ug/L	25.0	NA	73.2	80-120	NA	NA	
Toluene	25.1	1.0	0.17	ug/L	25.0	NA	100	80-120	NA	NA	
trans-1,2-Dichloroethene	26.1	1.0	0.14	ug/L	25.0	NA	104	80-120	NA	NA	
trans-1,3-Dichloropropene	23.5	1.0	0.12	ug/L	25.0	NA	94.0	80-120	NA	NA	
Trichloroethene	26.6	1.0	0.073	ug/L	25.0	NA	106	80-120	NA	NA	
Trichlorofluoromethane	26.6	1.0	0.19	ug/L	25.0	NA	106	80-120	NA	NA	
Vinyl chloride	21.1	1.0	0.25	ug/L	25.0	NA	84.4	80-120	NA	NA	
Surrogate: 1,2-Dichloroethane-d4	*22.9*			ug/L	*25.0*	*NA*	*91.6*	*82-128*			
Surrogate: 4-Bromofluorobenzene	*28.8*			ug/L	*25.0*	*NA*	*115*	*76-119*			
Surrogate: Dibromofluoromethane	*27.1*			ug/L	*25.0*	*NA*	*108*	*79-127*			
Surrogate: Toluene-d8	*26.2*			ug/L	*25.0*	*NA*	*105*	*82-116*			

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Service Engineering Group	Client Ref:05017-0207	Work Order #: 0506328
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:05500	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0162 - EPA 5030B

Laboratory Control Sample Duplicate (B5L0162-BSD1) Prepared & Analyzed: 12/07/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	29.8	1.0	0.14	ug/L	25.0	NA	119	80-120	0.00	20	
1,1,1-Trichloroethane	26.7	1.0	0.050	ug/L	25.0	NA	107	80-120	2.22	20	
1,1,2,2-Tetrachloroethane	24.3	1.0	0.23	ug/L	25.0	NA	97.2	80-120	3.24	20	
1,1,2-Trichloroethane	24.5	1.0	0.20	ug/L	25.0	NA	98.0	80-120	1.62	20	
1,1,2-Trichlorotrifluoroethane	29.1	1.0	0.12	ug/L	25.0	NA	116	80-120	1.37	20	
1,1-Dichloroethane	22.8	1.0	0.053	ug/L	25.0	NA	91.2	80-120	4.71	20	
1,1-Dichloroethene	26.4	1.0	0.085	ug/L	25.0	NA	106	80-120	4.81	20	
1,1-Dichloropropene	24.4	1.0	0.073	ug/L	25.0	NA	97.6	80-120	1.22	20	
1,2,3-Trichlorobenzene	23.2	1.0	0.11	ug/L	25.0	NA	92.8	80-120	9.84	20	
1,2,3-Trichloropropane	26.2	1.0	0.30	ug/L	25.0	NA	105	80-120	1.89	20	
1,2,4-Trichlorobenzene	23.6	1.0	0.14	ug/L	25.0	NA	94.4	80-120	5.36	20	
1,2,4-Trimethylbenzene	24.0	1.0	0.071	ug/L	25.0	NA	96.0	80-120	1.26	20	
1,2-Dibromo-3-chloropropane	24.3	1.0	0.41	ug/L	25.0	NA	97.2	80-120	3.64	20	
1,2-Dibromoethane	27.2	1.0	0.064	ug/L	25.0	NA	109	80-120	1.82	20	
1,2-Dichlorobenzene	24.0	1.0	0.12	ug/L	25.0	NA	96.0	80-120	0.418	20	
1,2-Dichloroethane	22.9	1.0	0.053	ug/L	25.0	NA	91.6	80-120	2.16	20	
1,2-Dichloropropane	20.9	1.0	0.050	ug/L	25.0	NA	83.6	80-120	0.00	20	
1,3,5-Trimethylbenzene	24.0	1.0	0.097	ug/L	25.0	NA	96.0	80-120	1.68	20	
1,3-Dichlorobenzene	24.5	1.0	0.083	ug/L	25.0	NA	98.0	80-120	8.96	20	
1,3-Dichloropropane	24.2	1.0	0.13	ug/L	25.0	NA	96.8	80-120	1.23	20	
1,4-Dichlorobenzene	23.9	1.0	0.12	ug/L	25.0	NA	95.6	80-120	1.26	20	
2,2-Dichloropropane	25.8	1.0	0.10	ug/L	25.0	NA	103	80-120	2.68	20	
2-Butanone (MEK)	22.8	10	1.3	ug/L	25.0	NA	91.2	80-120	0.873	20	
2-Chlorotoluene	23.8	1.0	0.20	ug/L	25.0	NA	95.2	80-120	0.837	20	
4-Chlorotoluene	23.7	1.0	0.13	ug/L	25.0	NA	94.8	80-120	0.423	20	
4-Isopropyltoluene	25.3	1.0	0.058	ug/L	25.0	NA	101	80-120	0.794	20	
Acetone	27.8	20	1.5	ug/L	25.0	NA	111	80-120	4.04	20	
Allyl Chloride	24.1	1.0	0.26	ug/L	25.0	NA	96.4	80-120	4.46	20	
Benzene	22.2	1.0	0.045	ug/L	25.0	NA	88.8	80-120	1.79	20	
Bromobenzene	23.6	1.0	0.15	ug/L	25.0	NA	94.4	80-120	0.423	20	
Bromochloromethane	27.6	1.0	0.21	ug/L	25.0	NA	110	80-120	3.21	20	
Bromodichloromethane	24.3	1.0	0.11	ug/L	25.0	NA	97.2	80-120	1.23	20	
Bromoform	26.1	5.0	0.13	ug/L	25.0	NA	104	80-120	3.39	20	
Bromomethane	25.6	1.0	0.14	ug/L	25.0	NA	102	80-120	6.79	20	
Carbon Tetrachloride	27.4	1.0	0.057	ug/L	25.0	NA	110	80-120	0.366	20	
Chlorobenzene	28.2	1.0	0.042	ug/L	25.0	NA	113	80-120	0.354	20	
Chlorodibromomethane	30.5	1.0	0.028	ug/L	25.0	NA	122	80-120	0.979	20	
Chloroethane	23.7	1.0	0.11	ug/L	25.0	NA	94.8	80-120	2.91	20	
Chloroform	24.6	1.0	0.12	ug/L	25.0	NA	98.4	80-120	2.81	20	

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
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Service Engineering Group	Client Ref:05017-0207	Work Order #: 0506328
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:05500	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0162 - EPA 5030B

Laboratory Control Sample Duplicate (B5L0162-BSD1) Prepared & Analyzed: 12/07/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	20.4	1.0	0.20	ug/L	25.0	NA	81.6	80-120	1.46	20	
cis-1,2-Dichloroethene	25.5	1.0	0.10	ug/L	25.0	NA	102	80-120	3.85	20	
cis-1,3-Dichloropropene	23.0	1.0	0.041	ug/L	25.0	NA	92.0	80-120	0.434	20	
Dibromomethane	22.4	1.0	0.20	ug/L	25.0	NA	89.6	80-120	2.64	20	
Dichlorodifluoromethane	18.1	1.0	0.13	ug/L	25.0	NA	72.4	80-120	2.72	20	
Dichlorofluoromethane	24.7	1.0	0.10	ug/L	25.0	NA	98.8	80-120	0.806	20	
Ethyl Ether	23.5	1.0	0.31	ug/L	25.0	NA	94.0	80-120	0.425	20	
Ethylbenzene	26.9	1.0	0.10	ug/L	25.0	NA	108	80-120	0.741	20	
Hexachlorobutadiene	24.6	2.0	0.24	ug/L	25.0	NA	98.4	80-120	1.21	20	
Isopropylbenzene	28.4	1.0	0.064	ug/L	25.0	NA	114	80-120	0.00	20	
m,p-Xylenes	55.0	1.0	0.13	ug/L	50.0	NA	110	80-120	1.08	20	
Methyl Isobutyl Ketone	18.2	5.0	0.42	ug/L	25.0	NA	72.8	80-120	6.38	20	
Methylene chloride	23.6	5.0	0.63	ug/L	25.0	NA	94.4	80-120	3.33	20	
Methyl-t-butyl ether	23.1	1.0	0.12	ug/L	25.0	NA	92.4	80-120	3.40	20	
Naphthalene	23.4	1.0	0.10	ug/L	25.0	NA	93.6	80-120	7.41	20	
n-Butylbenzene	23.0	1.0	0.12	ug/L	25.0	NA	92.0	80-120	0.00	20	
n-Propylbenzene	24.6	1.0	0.10	ug/L	25.0	NA	98.4	80-120	1.64	20	
o-Xylene	27.4	1.0	0.14	ug/L	25.0	NA	110	80-120	0.727	20	
sec-Butylbenzene	24.3	1.0	0.042	ug/L	25.0	NA	97.2	80-120	0.412	20	
Styrene	27.8	1.0	0.047	ug/L	25.0	NA	111	80-120	1.78	20	
tert-Butylbenzene	24.6	1.0	0.10	ug/L	25.0	NA	98.4	80-120	0.00	20	
Tetrachloroethene	28.1	2.0	0.19	ug/L	25.0	NA	112	80-120	0.714	20	
Tetrahydrofuran	17.5	5.0	1.2	ug/L	25.0	NA	70.0	80-120	4.47	20	
Toluene	25.1	1.0	0.17	ug/L	25.0	NA	100	80-120	0.00	20	
trans-1,2-Dichloroethene	25.4	1.0	0.14	ug/L	25.0	NA	102	80-120	2.72	20	
trans-1,3-Dichloropropene	22.9	1.0	0.12	ug/L	25.0	NA	91.6	80-120	2.59	20	
Trichloroethene	26.6	1.0	0.073	ug/L	25.0	NA	106	80-120	0.00	20	
Trichlorofluoromethane	26.3	1.0	0.19	ug/L	25.0	NA	105	80-120	1.13	20	
Vinyl chloride	21.8	1.0	0.25	ug/L	25.0	NA	87.2	80-120	3.26	20	
Surrogate: 1,2-Dichloroethane-d4	*22.6*			ug/L	*25.0*	*NA*	*90.4*	*82-128*			
Surrogate: 4-Bromofluorobenzene	*28.7*			ug/L	*25.0*	*NA*	*115*	*76-119*			
Surrogate: Dibromofluoromethane	*26.9*			ug/L	*25.0*	*NA*	*108*	*79-127*			
Surrogate: Toluene-d8	*26.5*			ug/L	*25.0*	*NA*	*106*	*82-116*			

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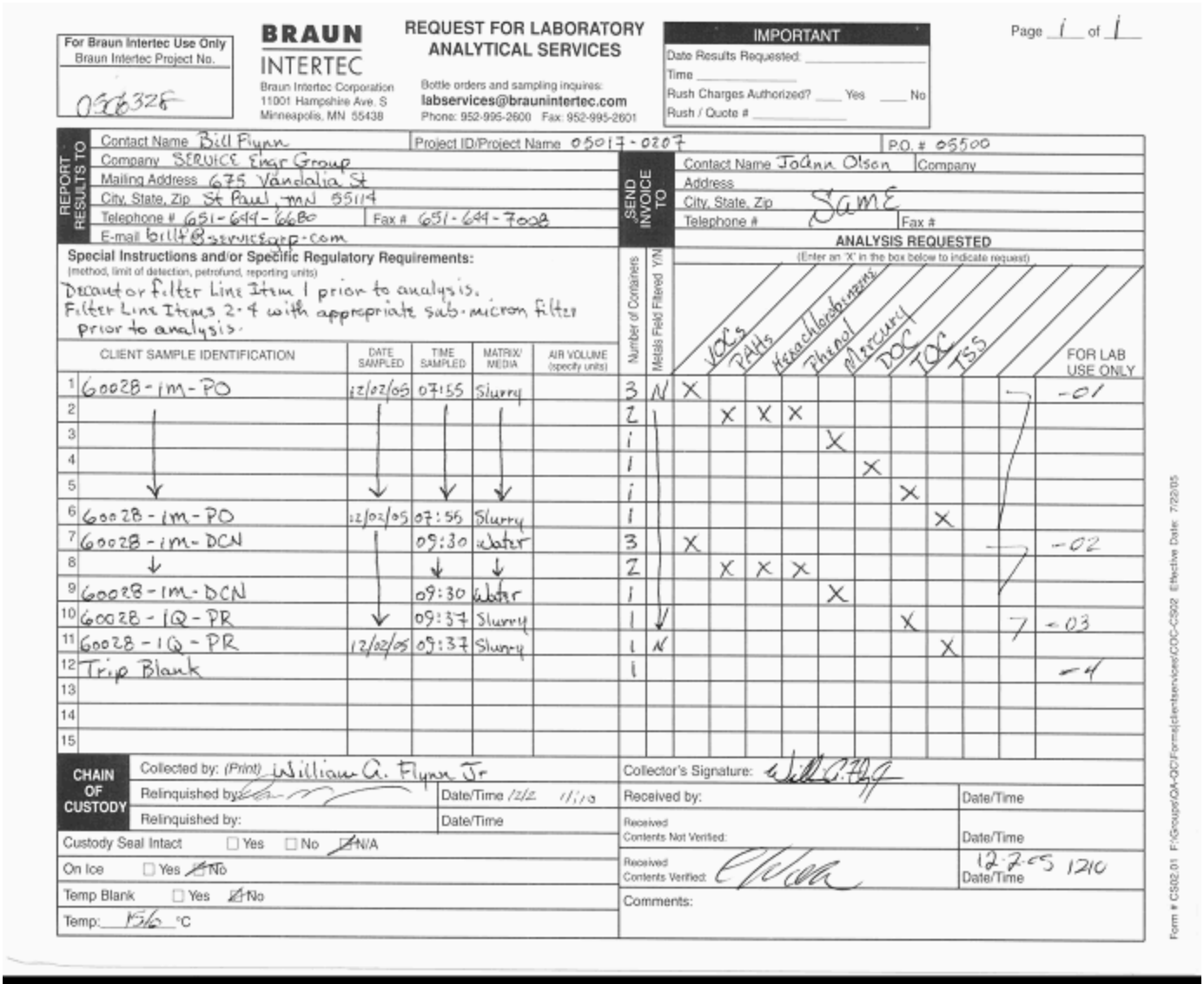
Service Engineering Group	Client Ref:05017-0207	Work Order #: 0506328
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:05500	Account ID: CVXX-96-003



For Braun Intertec Use Only — Braun Intertec Project No.: 0506328

BRAUN INTERTEC — Braun Intertec Corporation, 11001 Hampshire Ave. S, Minneapolis, MN 55438

REQUEST FOR LABORATORY ANALYTICAL SERVICES

Bottle orders and sampling inquires: labservices@braunintertec.com, Phone: 952-995-2600 Fax: 952-995-2601

IMPORTANT
Date Results Requested:
Time
Rush Charges Authorized? ___ Yes ___ No
Rush / Quote #

Page 1 of 1

REPORT RESULTS TO
Contact Name: Bill Flynn | Project ID/Project Name: 05017-0207 | P.O. #: 05500
Company: SERVICE Engr Group
Mailing Address: 675 Vandalia St
City, State, Zip: St Paul, MN 55114
Telephone #: 651-649-6680 | Fax #: 651-649-7008
E-mail: bill7@serviceengr.com

SEND INVOICE TO
Contact Name: JoAnn Olsen | Company:
Address:
City, State, Zip: SAME
Telephone # | Fax #

Special Instructions and/or Specific Regulatory Requirements:
(method, limit of detection, petrofund, reporting units)
Decant or filter Line Item 1 prior to analysis.
Filter Line Items 2-4 with appropriate sub-micron filter prior to analysis.

ANALYSIS REQUESTED
(Enter an 'X' in the box below to indicate request)

	CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)	Number of Containers	Metals Field Filtered Y/N	VOCs	PAHs	Hexachlorobenzene	Phenol	Mercury	DOC	TOC	TSS		FOR LAB USE ONLY
1	60028-1M-PO	12/02/05	07:55	Slurry		3	N	X									-01
2						2			X	X	X						
3						1						X					
4						1							X				
5						1								X			
6	60028-1M-PO	12/02/05	07:55	Slurry		1									X		
7	60028-1M-DCN		09:30	Water		3		X									-02
8	↓		↓	↓		2			X	X	X						
9	60028-1M-DCN		09:30	Water		1						X					
10	60028-1Q-PR		09:37	Slurry		1								X			-03
11	60028-1Q-PR	12/02/05	09:37	Slurry		1	N								X		
12	Trip Blank					1											-04
13																	
14																	
15																	

CHAIN OF CUSTODY
Collected by: (Print) William A. Flynn Jr — Collector's Signature:
Relinquished by: — Date/Time 12/2 11:10 — Received by: — Date/Time
Relinquished by: — Date/Time — Received Contents Not Verified: — Date/Time
Custody Seal Intact ☐ Yes ☐ No ☒ N/A — Received Contents Verified: — 12-2-05 1210 Date/Time
On Ice ☐ Yes ☒ No — Comments:
Temp Blank ☐ Yes ☒ No
Temp: 15.6 °C

Form # CS02.01 F:\Groups\QA-QC\Forms\clientservices\COC-CS02 Effective Date: 7/22/05

BRAUN INTERTEC

Braun Intertec Corporation
11001 Hampshire Avenue S
Minneapolis, MN 55438

Phone: 952.995.2000
Fax: 952.995.2020
Web: brauninterlec.com

Mr. Bill Flynn
Service Engineering Group
675 Vandalia Street
St. Paul, MN 55114-1312

December 21, 2005

Work Order #: 0506358

RE: 05500

Dear Mr. Bill Flynn

Braun Intertec Corporation received samples for the project identified above on 12/02/05 11:10. Analytical results are summarized in the following report.

All routine quality assurance procedures were followed, unless otherwise noted.

Where possible, the samples will be retained by the laboratory for 14 days following issuance of the initial final report. The samples will be disposed of or returned at that time.

We appreciate your decision to use Braun Intertec Corporation for this project. We are committed to being your vendor of choice to meet your analytical chemistry needs.

If you have any questions please contact me at the above phone number.

Sincerely,
BRAUN INTERTEC CORPORATION

Steven J. Albrecht
Associate Principal

AIHA Environmental Lead and Industrial Hygiene ACCREDITED LABORATORY
AIHA 101103

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:	05500	Work Order #:	0506358
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

Qualifiers and Abbreviations

ir	The recovery study yielded results of <75%. Per the NIOSH Manual of Analytical Methods, the result is considered semi-quantitative.
io	The result was corrected for method blank concentrations.
ia	The back section of the sample tube contained greater than 10 percent of the amount collected on the front section. This indicates possible analyte breakthrough (loss) during field sampling.
A1a	The Laboratory Control Spike Duplicate was outside of laboratory limits. The LCSD recovery was 123%. The results may be biased high.
A1	The Laboratory control sample was within laboratory control limits, the laboratory control sample duplicate was out side laboratory control limits.
COC	Chain of Custody
MRL	Method Reporting Limit
ppm	Parts per million in Air
NA	Not Applicable
NR	Not Reported
%Rec	Percent Recovery
RPD	Relative Percent Difference

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11001 Hampshire Ave. S.
Bloomington, MN 55438
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Service Engineering Group	Client Ref: 05500	Work Order #: 0506358
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

SAMPLE SUMMARY

Sample ID	Laboratory ID	Matrix	Air Volume (L) / Time (Min)	Date Sampled	Date Received
60028-1M-(0-2)	0506358-01	Air Tube	300	12/01/05 11:45	12/02/05 11:10
60028-1M-(0-2)	0506358-02	Air Tube	301.2	12/01/05 11:45	12/02/05 11:10
60028-1M-(0-2)	0506358-03	Air	303.6	12/01/05 11:45	12/02/05 11:10
60028-1M-(0-2)	0506358-04	Air Tube	301.2	12/01/05 11:45	12/02/05 11:10
60028-1M-(0-2)	0506358-05	Air Tube	304.8	12/01/05 11:45	12/02/05 11:10
60028-1M-(2-6)	0506358-06	Air Tube	600	12/01/05 15:53	12/02/05 11:10
60028-1M-(2-6)	0506358-07	Air Tube	602.4	12/01/05 15:53	12/02/05 11:10
60028-1M-(2-6)	0506358-08	Air	607.2	12/01/05 15:53	12/02/05 11:10
60028-1M-(2-6)	0506358-09	Air Tube	602.4	12/01/05 15:53	12/02/05 11:10
60028-1M-(2-6)	0506358-10	Air Tube	609.6	12/01/05 15:53	12/02/05 11:10
60028-1M-(6-22)	0506358-11	Air Tube	2400	12/02/05 07:45	12/02/05 11:10
60028-1M-(6-22)	0506358-12	Air Tube	2410	12/02/05 07:45	12/02/05 11:10
60028-1M-(6-22)	0506358-13	Air	2429	12/02/05 07:45	12/02/05 11:10
60028-1M-(6-22)	0506358-14	Air Tube	2410	12/02/05 07:45	12/02/05 11:10
60028-1M-(6-22)	0506358-15	Air Tube	2438	12/02/05 07:45	12/02/05 11:10
60028-1M-(0-2)	0506358-16	Air Tube	303.6	12/01/05 11:45	12/02/05 11:10
60028-1M-(2-6)	0506358-17	Air Tube	607.2	12/01/05 15:53	12/02/05 11:10
60028-1M-(6-22)	0506358-18	Air Tube	2429	12/02/05 07:45	12/02/05 11:10

The results in this report apply only to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Bloomington, MN 55438
952-995-2000 Phone
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Service Engineering Group	Client Ref:	05500	Work Order #:	0506358
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

60028-1M-(0-2)

0506358-01 (Air Tube)

12/1/05 11:45

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
1,2,3-Trichlorobenzene	< 11.7	11.7	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
1,2,4-Trichlorobenzene	< 11.3	11.3	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
1,3,5-Trichlorobenzene	< 11.7	11.7	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
1,4-Dichlorobenzene	< 11.6	11.6	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
1,1,1-Trichloroethane	< 9.71	9.71	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
2-Ethoxyethyl Acetate	< 12.3	12.3	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Acetone	< 11.0	11.0	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Benzene	**9.80**	4.95	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Chlorobenzene	< 10.2	10.2	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Chloroform	< 10.2	10.2	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Ethanol	< 14.3	14.3	ug/m³	1	12/6/05	12/7/05	IHVOCS1	ir
Ethyl Acetate	< 10.2	10.2	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Ethyl Benzene	< 9.80	9.80	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Isobutanol	< 11.5	11.5	ug/m³	1	12/6/05	12/7/05	IHVOCS1	ir
Isopropanol	**21.6**	12.8	ug/m³	1	12/6/05	12/7/05	IHVOCS1	ir
Methyl Ethyl Ketone	< 11.2	11.2	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Methyl Isobutyl Ketone	< 10.2	10.2	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Methylene Chloride	< 9.80	9.80	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
n-Butyl Acetate	< 10.1	10.1	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
n-Hexane	**11.9**	9.71	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Stoddard Solvent	**210**	49.5	ug/m³	1	12/6/05	12/7/05	IHVOCS1	io
Styrene	< 13.0	13.0	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Tetrachloroethene	< 9.90	9.90	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Tetrahydrofuran	< 10.8	10.8	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Toluene	**28.5**	10.1	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
TPH as Gasoline	**378**	51.0	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Trichloroethene	< 10.0	10.0	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
VM&P Naphtha	< 48.1	48.1	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Xylenes, Total	**14.0**	10.0	ug/m³	1	12/6/05	12/7/05	IHVOCS1	

BRAUN INTERTEC

11001 Hampshire Ave. S.
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Service Engineering Group	Client Ref:	05500	Work Order #:	0506358
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

60028-1M-(0-2)

0506358-02 (Air Tube)

12/1/05 11:45

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Acenaphthene	< 3.67	3.67	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Acenaphthylene	< 3.38	3.38	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Anthracene	< 3.66	3.66	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Benz(a)anthracene	< 3.96	3.96	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Benzo(a)pyrene	< 4.19	4.19	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Benzo(b)fluoranthene	< 4.14	4.14	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Benzo(g,h,i)perylene	< 5.12	5.12	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Benzo(k)fluoranthene	< 4.19	4.19	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Chrysene	< 3.98	3.98	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Dibenz(a,h)anthracene	< 4.27	4.27	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Fluoranthene	< 3.79	3.79	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Fluorene	< 3.60	3.60	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Indeno(1,2,3-cd)pyrene	< 4.50	4.50	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Naphthalene	< 3.68	3.68	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Phenanthrene	< 3.68	3.68	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Pyrene	< 3.85	3.85	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506358
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

60028-1M-(0-2)

0506358-03 (Air)

12/1/05 11:45

Metals

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Mercury	< 0.066	0.066	ug/m³	1	12/6/05	12/6/05	OSHA ID-145	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506358
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

60028-1M-(0-2)

0506358-04 (Air Tube)

12/1/05 11:45

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Hexachlorobenzene	< 3.65	3.65	ug/m³	1	12/12/05	12/14/05	IHVOCS	A1a

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506358
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

60028-1M-(0-2)

0506358-05 (Air Tube)

12/1/05 11:45

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Phenol	< 12.8	12.8	ug/m³	1	12/8/05	12/8/05	NIOSH 2546	

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11001 Hampshire Ave. S.
Bloomington, MN 55438
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952-995-2020 Fax

Service Engineering Group	Client Ref: 05500	Work Order #: 0506358
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

60028-1M-(2-6)

0506358-06 (Air Tube)

12/1/05 15:53

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
1,2,3-Trichlorobenzene	< 5.87	5.87	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
1,2,4-Trichlorobenzene	< 5.63	5.63	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
1,3,5-Trichlorobenzene	< 5.83	5.83	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
1,4-Dichlorobenzene	< 5.79	5.79	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
1,1,1-Trichloroethane	< 4.85	4.85	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
2-Ethoxyethyl Acetate	< 6.17	6.17	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Acetone	< 5.49	5.49	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Benzene	**8.40**	2.48	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Chlorobenzene	< 5.10	5.10	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Chloroform	**16.4**	5.10	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Ethanol	< 7.14	7.14	ug/m³	1	12/6/05	12/7/05	IHVOCS1	ir
Ethyl Acetate	< 5.10	5.10	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Ethyl Benzene	**5.49**	4.90	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Isobutanol	< 5.75	5.75	ug/m³	1	12/6/05	12/7/05	IHVOCS1	ir
Isopropanol	**17.1**	6.41	ug/m³	1	12/6/05	12/7/05	IHVOCS1	ir
Methyl Ethyl Ketone	**9.07**	5.62	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Methyl Isobutyl Ketone	< 5.10	5.10	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Methylene Chloride	< 4.90	4.90	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
n-Butyl Acetate	< 5.05	5.05	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
n-Hexane	**12.2**	4.85	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Stoddard Solvent	**171**	24.8	ug/m³	1	12/6/05	12/7/05	IHVOCS1	io
Styrene	< 6.49	6.49	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Tetrachloroethene	< 4.95	4.95	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Tetrahydrofuran	**9.19**	5.41	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Toluene	**28.1**	5.05	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
TPH as Gasoline	**373**	25.5	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Trichloroethene	< 5.00	5.00	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
VM&P Naphtha	< 24.0	24.0	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Xylenes, Total	**26.4**	5.00	ug/m³	1	12/6/05	12/7/05	IHVOCS1	

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:	05500	Work Order #:	0506358
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

60028-1M-(2-6)

0506358-07 (Air Tube)

12/1/05 15:53

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Acenaphthene	< 1.83	1.83	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Acenaphthylene	< 1.69	1.69	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Anthracene	< 1.83	1.83	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Benz(a)anthracene	< 1.98	1.98	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Benzo(a)pyrene	< 2.09	2.09	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Benzo(b)fluoranthene	< 2.07	2.07	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Benzo(g,h,i)perylene	< 2.56	2.56	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Benzo(k)fluoranthene	< 2.10	2.10	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Chrysene	< 1.99	1.99	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Dibenz(a,h)anthracene	< 2.13	2.13	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Fluoranthene	< 1.89	1.89	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Fluorene	< 1.80	1.80	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Indeno(1,2,3-cd)pyrene	< 2.25	2.25	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Naphthalene	**2.45**	1.84	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Phenanthrene	< 1.84	1.84	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Pyrene	< 1.92	1.92	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	

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11001 Hampshire Ave. S.
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952-995-2020 Fax

Service Engineering Group	Client Ref:	05500	Work Order #:	0506358
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

60028-1M-(2-6)

0506358-08 (Air)

12/1/05 15:53

Metals

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Mercury	< 0.033	0.033	ug/m³	1	12/6/05	12/6/05	OSHA ID-145	

The results in this report apply only to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:	05500	Work Order #:	0506358
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

60028-1M-(2-6)

0506358-09 (Air Tube)

12/1/05 15:53

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Hexachlorobenzene	< 1.82	1.82	ug/m³	1	12/12/05	12/14/05	IHVOCS	A1a

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Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:	05500	Work Order #:	0506358
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

60028-1M-(2-6)

0506358-10 (Air Tube)

12/1/05 15:53

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Phenol	< 6.41	6.41	ug/m³	1	12/8/05	12/8/05	NIOSH 2546	

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BRAUN INTERTEC

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952-995-2000 Phone
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Service Engineering Group	Client Ref: 05500	Work Order #: 0506358
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

60028-1M-(6-22)

0506358-11 (Air Tube)

12/2/05 7:45

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
1,2,3-Trichlorobenzene	< 1.47	1.47	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
1,2,4-Trichlorobenzene	< 1.41	1.41	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
1,3,5-Trichlorobenzene	< 1.46	1.46	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
1,4-Dichlorobenzene	< 1.45	1.45	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
1,1,1-Trichloroethane	**1.53**	1.21	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
2-Ethoxyethyl Acetate	< 1.54	1.54	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Acetone	**3.96**	1.37	ug/m³	1	12/6/05	12/7/05	IHVOCS1	ia
Benzene	**6.26**	0.619	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Chlorobenzene	< 1.28	1.28	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Chloroform	**14.6**	1.28	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Ethanol	< 1.79	1.79	ug/m³	1	12/6/05	12/7/05	IHVOCS1	ir
Ethyl Acetate	< 1.28	1.28	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Ethyl Benzene	**4.62**	1.23	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Isobutanol	< 1.44	1.44	ug/m³	1	12/6/05	12/7/05	IHVOCS1	ir
Isopropanol	**8.24**	1.60	ug/m³	1	12/6/05	12/7/05	IHVOCS1	ia, ir
Methyl Ethyl Ketone	**8.38**	1.40	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Methyl Isobutyl Ketone	< 1.28	1.28	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Methylene Chloride	**3.58**	1.23	ug/m³	1	12/6/05	12/7/05	IHVOCS1	ia
n-Butyl Acetate	< 1.26	1.26	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
n-Hexane	**10.7**	1.21	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Stoddard Solvent	**140**	6.19	ug/m³	1	12/6/05	12/7/05	IHVOCS1	io
Styrene	< 1.62	1.62	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Tetrachloroethene	< 1.24	1.24	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Tetrahydrofuran	**7.40**	1.35	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Toluene	**23.1**	1.26	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
TPH as Gasoline	**341**	6.38	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Trichloroethene	**3.18**	1.25	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
VM&P Naphtha	< 6.01	6.01	ug/m³	1	12/6/05	12/7/05	IHVOCS1	
Xylenes, Total	**22.2**	1.25	ug/m³	1	12/6/05	12/7/05	IHVOCS1	

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:	05500	Work Order #:	0506358
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

60028-1M-(6-22)

0506358-12 (Air Tube)

12/2/05 7:45

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Acenaphthene	< 0.458	0.458	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Acenaphthylene	< 0.423	0.423	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Anthracene	< 0.457	0.457	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Benz(a)anthracene	< 0.495	0.495	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Benzo(a)pyrene	< 0.523	0.523	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Benzo(b)fluoranthene	< 0.517	0.517	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Benzo(g,h,i)perylene	< 0.639	0.639	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Benzo(k)fluoranthene	< 0.524	0.524	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Chrysene	< 0.497	0.497	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Dibenz(a,h)anthracene	< 0.533	0.533	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Fluoranthene	< 0.473	0.473	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Fluorene	< 0.450	0.450	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Indeno(1,2,3-cd)pyrene	< 0.562	0.562	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Naphthalene	**1.38**	0.460	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Phenanthrene	< 0.460	0.460	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	
Pyrene	< 0.481	0.481	ug/m³	1	12/8/05	12/9/05	NIOSH 5506	

BRAUN INTERTEC

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506358
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

60028-1M-(6-22)

0506358-13 (Air)

12/2/05 7:45

Metals

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Mercury	< 0.0082	0.0082	ug/m³	1	12/6/05	12/6/05	OSHA ID-145	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506358
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

60028-1M-(6-22)

0506358-14 (Air Tube)

12/2/05 7:45

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Hexachlorobenzene	< 0.456	0.456	ug/m³	1	12/12/05	12/14/05	IHVOCS	A1a

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506358
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

60028-1M-(6-22)

0506358-15 (Air Tube)

12/2/05 7:45

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Phenol	< 1.60	1.60	ug/m³	1	12/8/05	12/9/05	NIOSH 2546	

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BRAUN INTERTEC

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Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:	05500	Work Order #:	0506358
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

60028-1M-(0-2)

0506358-16 (Air Tube)

12/1/05 11:45

Metals

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Mercury Vapor	< 0.033	0.033	ug/m³	1	12/12/05	12/12/05	ID-140	A1, io

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BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:	05500	Work Order #:	0506358
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

60028-1M-(2-6)

0506358-17 (Air Tube)

12/1/05 15:53

Metals

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Mercury Vapor	< 0.016	0.016	ug/m³	1	12/12/05	12/12/05	ID-140	A1, io

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BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:	05500	Work Order #:	0506358
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

60028-1M-(6-22)

0506358-18 (Air Tube)

12/2/05 7:45

Metals

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Mercury Vapor	< 0.0041	0.0041	ug/m³	1	12/12/05	12/12/05	ID-140	A1, io

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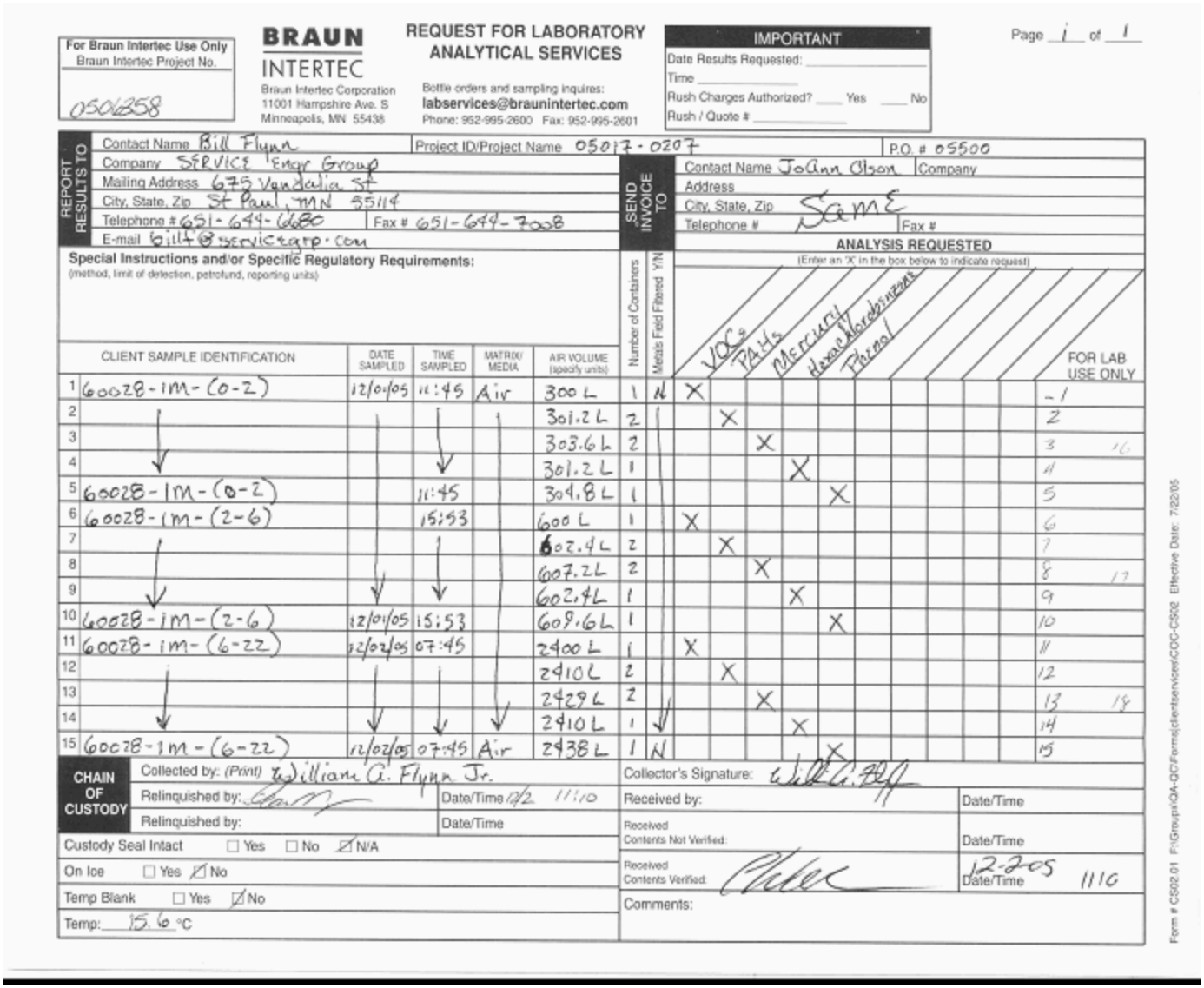
BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref: 05500	Work Order #: 0506358
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003



For Braun Intertec Use Only — Braun Intertec Project No.: 0506258

BRAUN INTERTEC — Braun Intertec Corporation, 11001 Hampshire Ave. S, Minneapolis, MN 55438

REQUEST FOR LABORATORY ANALYTICAL SERVICES

Bottle orders and sampling inquires: labservices@braunintertec.com, Phone: 952-995-2600 Fax: 952-995-2601

IMPORTANT
Date Results Requested:
Time
Rush Charges Authorized? ___ Yes ___ No
Rush / Quote #

Page 1 of 1

REPORT RESULTS TO
Contact Name: Bill Flynn | Project ID/Project Name: 05017-0207 | P.O. # 05500
Company: SERVICE Engr Group
Mailing Address: 675 Vandalia St
City, State, Zip: St Paul, MN 55114
Telephone #: 651-644-6680 | Fax #: 651-644-7008
E-mail: bill@servicegrp.com

SEND INVOICE TO
Contact Name: JoAnn Olson | Company:
Address:
City, State, Zip: Same
Telephone # | Fax #

Special Instructions and/or Specific Regulatory Requirements:
(method, limit of detection, petrofund, reporting units)

ANALYSIS REQUESTED
(Enter an 'X' in the box below to indicate request)

	CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)	Number of Containers	Metals Field Filtered Y/N	VOCs	PAHs	Mercury	Hexane/Hexadecane	Phenol	FOR LAB USE ONLY
1	60028-1M-(0-2)	12/01/05	11:45	Air	300 L	1	N	X					-1
2					301.2 L	2			X				2
3					303.6 L	2				X			3 16
4					301.2 L	1					X		4
5	60028-1M-(0-2)		11:45		304.8 L	1						X	5
6	60028-1M-(2-6)		15:53		600 L	1		X					6
7					602.4 L	2			X				7
8					607.2 L	2				X			8 17
9					602.4 L	1					X		9
10	60028-1M-(2-6)	12/01/05	15:53		609.6 L	1						X	10
11	60028-1M-(6-22)	12/02/05	07:45		2400 L	1		X					11
12					2410 L	2			X				12
13					2429 L	2				X			13 18
14					2410 L	1	√				X		14
15	60028-1M-(6-22)	12/02/05	07:45	Air	2438 L	1	N					X	15

CHAIN OF CUSTODY
Collected by: (Print) William C. Flynn Jr. | Collector's Signature:
Relinquished by: | Date/Time 12/2 1110 | Received by: | Date/Time
Relinquished by: | Date/Time | Received Contents Not Verified: | Date/Time

Custody Seal Intact ☐ Yes ☐ No ☒ N/A
On Ice ☐ Yes ☒ No
Temp Blank ☐ Yes ☒ No
Temp: 15.6 °C

Received Contents Verified: | Date/Time 12-2-05 1110
Comments:

Form # CS02.01 F:\Groups\QA-QC\Forms\clientservices\COC-CS02 Effective Date: 7/22/05

BRAUN INTERTEC

Braun Intertec Corporation
11001 Hampshire Avenue S
Minneapolis, MN 55438

Phone: 952.995.2000
Fax: 952.995.2020
Web: brauninterlec.com

Mr. Bill Flynn
Service Engineering Group
675 Vandalia Street
St. Paul, MN 55114-1312

December 15, 2005

Work Order #: 0506399

RE: 05500

Dear Mr. Bill Flynn

Braun Intertec Corporation received samples for the project identified above on 12/05/05 14:14. Analytical results are summarized in the following report.

All routine quality assurance procedures were followed, unless otherwise noted.

Analytical results are reported on an "as received" basis unless otherwise noted. Where possible, the samples will be retained by the laboratory for 14 days following issuance of the initial final report. The samples will be disposed of or returned at that time. Arrangements can be made for extended storage by contacting me at this time.

We appreciate your decision to use Braun Intertec Corporation for this project. We are committed to being your vendor of choice to meet your analytical chemistry needs.

If you have any questions please contact me at the above phone number.

Sincerely,

Steven J. Albrecht

Steven J. Albrecht
Associate Principal

Certification/Accreditation Numbers

Minnesota Department of Health: 027-053-117 Wisconsin DNR: 999462640 NVLAP: 1021234-0 AIHA: 101103

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
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Service Engineering Group	Client Ref:05500	Work Order #: 0506399
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

How to Use this Report

In order to get the most out of the information presented in this report please refer to the following explanations as to how the data in this report is tied together and how some of the terms are defined.

Qualifiers and Abbreviations are defined in the following section. You will find these codes used throughout the report in headers and in note sections to designate a unique fact about the data to which they are associated.

The Case Narrative gives a "story" about the analysis and results. Here you will find greater elaboration on relevant qualifiers as well as an explanation of anything of particular note in the data. This is a discussion of the data in terms of quality control and chemistry. It is a summary of any deviations that could affect the usefulness of the data. This is not an interpretation as to how this information relates to regulatory compliance, toxicity, or hazardous characterization. These items are beyond the scope of this report.

The Sample Summary provides detail on sample receipt. The association between Client sample ID and the Laboratory sample ID are defined here; this information is valuable to have when discussing results with your project manager. Sample collection and receipt dates and times are provided here as well. General notes regarding the work order are also documented here. This is a mini "case narrative" that describes any anomalies regarding the condition of the samples upon arrival to the laboratory or special circumstances regarding the work order.

The Conditions Upon Receipt summarizes the results of specific checks that have been performed at sample receipt. This includes items like custody documentation, sample condition, and temperature at receipt. Each "cooler" is identified and the conditions associated with that cooler are documented. A "cooler" is defined as the larger container used to transport the individual samples. In most cases this is a standard recreational cooler but it can be a box, plastic bag, or other container.

The laboratory results are summarized in the following sections. Data is broken down into major categories for convenience. An example of such a category would be "Total Petroleum Hydrocarbons." Here you would find data that references the testing of such parameters as diesel range organics and gasoline range organics. Other categories are similarly mapped. The batch number is associated with each sample. This is important to evaluate Quality Control (QC) data. Surrogate results samples are provided with each sample. Laboratory control limits are provided for comparison (see below). The reference method is also identified. If a method is denoted with an "M" (e.g. EPA 1234(M)) this means that it has been modified. An explanation of the modification will be found in the Case Narrative. A result is given with appropriate units. If a soil sample is dry-weight corrected then the word "dry" will appear next to the units. If the word "dry" does not appear then the result is "as received."

The Method Reporting Limit (MRL) and Method Detection Limit (MDL) are provided. It is important to understand these terms. The MRL is a level that has been empirically verified to provide reliable quantitation of results. Results that are equal to or greater than this value will show up as bolded. They are considered "hits." The MDL is a statistically derived number that indicates, with high confidence, that an analyte can be detected above noise level. If a result is less than this value it is marked as "ND" for "Non-Detect." If a result is less than the MRL but greater than the MDL then it is considered an estimate. Such a result is reported with a "J" flag denoting that it has been detected but that the result is an estimate. This is consistent with the *CLP Statement of Work* and the *National Functional Guidelines.*

The Quality Control (QC) samples are documented in the following section. Here you will find the preparation batches associated with each sample from the results section. The sample preparation method is also defined here. Accuracy is represented here in terms of a percent recovery as compared to a known value. Precision is represented as a relative percent difference between two duplicate sample aliquots. The laboratory control limits are provided as a means to evaluate the quality control data. If the result falls outside the laboratory control limits this simply means that it is outside what is typical for the laboratory and is noted accordingly. This does not mean that the data is invalid. Laboratory control limits are generally tighter than most program limits. This is a very important distinction. How the data is ultimately used determines its validity. Program requirements are defined in the Quality Assurance Project Plan (QAPP) governing the project. If your project manager is aware of your specific program requirements then a note will be made in the case narrative if the data fails to meet any of these requirements.

The last section contains copies of important documents and/or instrument printouts relavent to the report. This includes the chain of custody. It also may include items like chromatograms or spectra.

Please note that this report is paginated and must be reproduced in its entirety.

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Qualifiers and Abbreviations

vn	The surrogate recovery is below the laboratory generated control limits.
ts	This analysis was performed by a subcontract laboratory.
J	Detected but below the Method Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
go	The laboratory control sample recovery is outside of laboratory control limits.
COC	Chain of Custody
dry	Sample results reported on a dry weight basis
MDL	Method Detection Limit
MRL	Method Reporting Limit
NA	Not Applicable
ND	Analyte NOT DETECTED
NR	Not Reported
%Rec	Percent Recovery
RPD	Relative Percent Difference
VOC	Volatile Organic Compound

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SAMPLE SUMMARY

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
60028-1Q-PO	0506399-01	Water	12/03/05 08:00	12/05/05 14:14
60028-1Q-DCN	0506399-02	Water	12/04/05 16:05	12/05/05 14:14
Trip Blank	0506399-03	Water	12/04/05 00:00	12/05/05 14:14

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Conditions Upon Receipt

Cooler: Cooler #1

Temperature:	10.0 °C	**Received on Ice:**	No	**Preservation Confirmed:**	Yes
COC Included:	Yes	**Hand Delivered by Sampler:**	Yes	**Temperature Blank:**	No
Custody Seals Used:	No	**Sufficient Sample Provided:**	Yes	**COC Complete:**	Yes
Custody Seals Intact:	No	**Headspace Present (VOC):**	No	**COC & Labels Agree:**	Yes

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60028-1Q-PO

0506399-01 (Water)

12/3/05 8:00

Classical Chemistry Parameters

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Total Suspended Solids	**15**	5.0	3.6	mg/L	B5L0163	12/9/05	12/9/05	EPA 160.2	
Dissolved Organic Carbon	**4.8**	1.5	0.50	mg/L	B5L0259	12/14/05	12/15/05	ASTM D5373	ts
Total Organic Carbon	**5.0**	1.5	0.50	mg/L	B5L0259	12/14/05	12/15/05	EPA 9060	ts

Metals

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Mercury, Dissolved	ND	0.20	0.011	ug/L	B5L0144	12/8/05	12/9/05	EPA 7470A	

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,2,4-Trichlorobenzene	ND	5.3	0.35	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
1,2-Dichlorobenzene	ND	5.3	0.28	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
1,2-Diphenylhydrazine	ND	5.3	0.40	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
1,3-Dichlorobenzene	ND	5.3	0.31	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
1,4-Dichlorobenzene	ND	5.3	0.31	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2,4,5-Trichlorophenol	ND	5.3	0.16	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2,4,6-Trichlorophenol	ND	5.3	0.24	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2,4-Dichlorophenol	ND	11	0.30	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2,4-Dimethylphenol	ND	5.3	0.42	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2,4-Dinitrophenol	ND	5.3	1.0	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2,4-Dinitrotoluene	ND	5.3	0.22	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2,6-Dinitrotoluene	ND	5.3	0.62	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2-Chloronaphthalene	ND	5.3	0.31	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2-Chlorophenol	ND	11	0.67	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2-Methylnaphthalene	ND	5.3	0.42	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2-Methylphenol	ND	11	2.7	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2-Nitroaniline	ND	5.3	0.49	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2-Nitrophenol	ND	11	0.57	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
3,3-Dichlorobenzidine	ND	5.3	0.58	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
3-/4-Methylphenol	ND	11	0.29	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	

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60028-1Q-PO

0506399-01 (Water)

12/3/05 8:00

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
3-Nitroaniline	ND	5.3	0.71	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
4,6-Dinitro-2-methylphenol	ND	5.3	0.75	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
4-Bromophenyl phenyl ether	ND	5.3	0.26	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
4-Chloro-3-methylphenol	ND	5.3	0.25	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
4-Chloroaniline	ND	5.3	0.63	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	2.1	0.26	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
4-Nitroaniline	ND	5.3	0.36	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
4-Nitrophenol	ND	5.3	0.87	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Acenaphthene	ND	2.1	0.28	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Acenaphthylene	ND	2.1	0.20	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Aniline	ND	5.3	0.94	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Anthracene	ND	2.1	0.22	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Benz(a)anthracene	ND	2.1	0.75	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Benzo(a)pyrene	ND	2.1	0.82	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Benzo(b)fluoranthene	ND	2.1	0.45	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Benzo(g,h,i)perylene	ND	2.1	0.71	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Benzo(k)fluoranthene	ND	2.1	0.80	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Benzyl alcohol	ND	11	0.34	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
bis(2-Chloroethoxy)methane	ND	5.3	0.36	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Bis(2-Chloroethyl)ether	ND	5.3	0.44	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Bis(2-chloroisopropyl)ether	ND	5.3	0.34	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Bis(2-Ethylhexyl)phthalate	ND	5.3	1.6	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Butyl benzyl phthalate	ND	5.3	0.33	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Carbazole	ND	5.3	0.36	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Chrysene	ND	2.1	0.75	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Dibenz(a,h)anthracene	ND	2.1	0.83	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Dibenzofuran	ND	5.3	0.29	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Diethylphthalate	ND	5.3	0.32	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	

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60028-1Q-PO

0506399-01 (Water)

12/3/05 8:00

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Dimethyl phthalate	ND	5.3	0.23	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Di-n-butyl phthalate	ND	5.3	0.50	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Di-n-octyl phthalate	ND	5.3	0.85	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Fluoranthene	ND	2.1	0.27	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Fluorene	ND	2.1	0.48	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Hexachlorobenzene	ND	5.3	0.26	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Hexachlorobutadiene	ND	5.3	0.33	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Hexachlorocyclopentadiene	ND	5.3	0.29	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Hexachloroethane	ND	5.3	0.37	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Indeno(1,2,3-cd)pyrene	ND	2.1	0.83	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Isophorone	ND	5.3	0.22	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Naphthalene	ND	5.3	0.34	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Nitrobenzene	ND	5.3	0.28	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
N-Nitrosodimethylamine	ND	5.3	0.28	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
N-Nitrosodi-n-propylamine	ND	5.3	0.33	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
N-Nitrosodiphenylamine	ND	5.3	0.33	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Pentachlorophenol	ND	5.3	0.58	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Phenanthrene	ND	2.1	0.22	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Phenol	ND	11	2.2	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Pyrene	1.3 J	2.1	0.53	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Pyridine	ND	11	2.6	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Surrogate: 2,4,6-Tribromophenol	*99.1 %*	*Limits: 65-100%*			*B5L0113*	*12/7/05*	*12/8/05*	*EPA 8270C*	
Surrogate: 2-Fluorobiphenyl	*78.6 %*	*Limits: 59-101%*			*B5L0113*	*12/7/05*	*12/8/05*	*EPA 8270C*	
Surrogate: 2-Fluorophenol	*45.9 %*	*Limits: 30-75%*			*B5L0113*	*12/7/05*	*12/8/05*	*EPA 8270C*	
Surrogate: Nitrobenzene-d5	*62.4 %*	*Limits: 57-101%*			*B5L0113*	*12/7/05*	*12/8/05*	*EPA 8270C*	
Surrogate: Phenol-d6	*37.0 %*	*Limits: 30-75%*			*B5L0113*	*12/7/05*	*12/8/05*	*EPA 8270C*	

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60028-1Q-PO

0506399-01 (Water)

12/3/05 8:00

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Surrogate: Terphenyl-d14	*91.4 %*	*Limits: 65-100%*			*B5L0113*	*12/7/05*	*12/8/05*	*EPA 8270C*	

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	ug/L	B5L0211	12/8/05	12/13/05	EPA 8260B	
1,1,1-Trichloroethane	ND	1.0	0.050	ug/L	B5L0211	12/8/05	12/13/05	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/L	B5L0211	12/8/05	12/13/05	EPA 8260B	
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	B5L0211	12/8/05	12/13/05	EPA 8260B	
1,1,2-Trichlorotrifluoroethane	ND	1.0	0.12	ug/L	B5L0211	12/8/05	12/13/05	EPA 8260B	
1,1-Dichloroethane	ND	1.0	0.053	ug/L	B5L0211	12/8/05	12/13/05	EPA 8260B	
1,1-Dichloroethene	ND	1.0	0.085	ug/L	B5L0211	12/8/05	12/13/05	EPA 8260B	
1,1-Dichloropropene	ND	1.0	0.073	ug/L	B5L0211	12/8/05	12/13/05	EPA 8260B	
1,2,3-Trichlorobenzene	ND	1.0	0.11	ug/L	B5L0211	12/8/05	12/13/05	EPA 8260B	
1,2,3-Trichloropropane	ND	1.0	0.30	ug/L	B5L0211	12/8/05	12/13/05	EPA 8260B	
1,2,4-Trichlorobenzene	ND	1.0	0.14	ug/L	B5L0211	12/8/05	12/13/05	EPA 8260B	
1,2,4-Trimethylbenzene	**2.0**	1.0	0.071	ug/L	B5L0211	12/8/05	12/13/05	EPA 8260B	
1,2-Dibromo-3-chloropropane	ND	1.0	0.41	ug/L	B5L0211	12/8/05	12/13/05	EPA 8260B	
1,2-Dibromoethane	ND	1.0	0.064	ug/L	B5L0211	12/8/05	12/13/05	EPA 8260B	
1,2-Dichlorobenzene	ND	1.0	0.12	ug/L	B5L0211	12/8/05	12/13/05	EPA 8260B	
1,2-Dichloroethane	ND	1.0	0.053	ug/L	B5L0211	12/8/05	12/13/05	EPA 8260B	
1,2-Dichloropropane	ND	1.0	0.050	ug/L	B5L0211	12/8/05	12/13/05	EPA 8260B	
1,3,5-Trimethylbenzene	ND	1.0	0.097	ug/L	B5L0211	12/8/05	12/13/05	EPA 8260B	
1,3-Dichlorobenzene	ND	1.0	0.083	ug/L	B5L0211	12/8/05	12/13/05	EPA 8260B	
1,3-Dichloropropane	ND	1.0	0.13	ug/L	B5L0211	12/8/05	12/13/05	EPA 8260B	
1,4-Dichlorobenzene	**1.8**	1.0	0.12	ug/L	B5L0211	12/8/05	12/13/05	EPA 8260B	
2,2-Dichloropropane	ND	1.0	0.10	ug/L	B5L0211	12/8/05	12/13/05	EPA 8260B	
2-Butanone (MEK)	ND	10	1.3	ug/L	B5L0211	12/8/05	12/13/05	EPA 8260B	
2-Chlorotoluene	ND	1.0	0.20	ug/L	B5L0211	12/8/05	12/13/05	EPA 8260B	
4-Chlorotoluene	ND	1.0	0.13	ug/L	B5L0211	12/8/05	12/13/05	EPA 8260B	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

60028-1Q-PO

0506399-01 (Water)

12/3/05 8:00

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
4-Isopropyltoluene	ND	1.0	0.058	ug/L	B5L0211	12/8/05	12/13/05	EPA 8260B	
Acetone	ND	20	1.5	ug/L	B5L0211	12/8/05	12/13/05	EPA 8260B	go
Allyl Chloride	ND	1.0	0.26	ug/L	B5L0211	12/8/05	12/13/05	EPA 8260B	
Benzene	ND	1.0	0.045	ug/L	B5L0211	12/8/05	12/13/05	EPA 8260B	
Bromobenzene	ND	1.0	0.15	ug/L	B5L0211	12/8/05	12/13/05	EPA 8260B	
Bromochloromethane	ND	1.0	0.21	ug/L	B5L0211	12/8/05	12/13/05	EPA 8260B	
Bromodichloromethane	ND	1.0	0.11	ug/L	B5L0211	12/8/05	12/13/05	EPA 8260B	
Bromoform	ND	5.0	0.13	ug/L	B5L0211	12/8/05	12/13/05	EPA 8260B	
Bromomethane	ND	1.0	0.14	ug/L	B5L0211	12/8/05	12/13/05	EPA 8260B	
Carbon Tetrachloride	ND	1.0	0.057	ug/L	B5L0211	12/8/05	12/13/05	EPA 8260B	
Chlorobenzene	**1.4**	1.0	0.042	ug/L	B5L0211	12/8/05	12/13/05	EPA 8260B	
Chlorodibromomethane	ND	1.0	0.028	ug/L	B5L0211	12/8/05	12/13/05	EPA 8260B	go
Chloroethane	ND	1.0	0.11	ug/L	B5L0211	12/8/05	12/13/05	EPA 8260B	
Chloroform	ND	1.0	0.12	ug/L	B5L0211	12/8/05	12/13/05	EPA 8260B	
Chloromethane	**2.3**	1.0	0.20	ug/L	B5L0211	12/8/05	12/13/05	EPA 8260B	go
cis-1,2-Dichloroethene	ND	1.0	0.10	ug/L	B5L0211	12/8/05	12/13/05	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.0	0.041	ug/L	B5L0211	12/8/05	12/13/05	EPA 8260B	
Dibromomethane	ND	1.0	0.20	ug/L	B5L0211	12/8/05	12/13/05	EPA 8260B	
Dichlorodifluoromethane	ND	1.0	0.13	ug/L	B5L0211	12/8/05	12/13/05	EPA 8260B	go
Dichlorofluoromethane	ND	1.0	0.10	ug/L	B5L0211	12/8/05	12/13/05	EPA 8260B	
Ethyl Ether	ND	1.0	0.31	ug/L	B5L0211	12/8/05	12/13/05	EPA 8260B	
Ethylbenzene	ND	1.0	0.10	ug/L	B5L0211	12/8/05	12/13/05	EPA 8260B	
Hexachlorobutadiene	ND	2.0	0.24	ug/L	B5L0211	12/8/05	12/13/05	EPA 8260B	
Isopropylbenzene	ND	1.0	0.064	ug/L	B5L0211	12/8/05	12/13/05	EPA 8260B	
m,p-Xylenes	**1.3**	1.0	0.13	ug/L	B5L0211	12/8/05	12/13/05	EPA 8260B	
Methyl Isobutyl Ketone	ND	5.0	0.42	ug/L	B5L0211	12/8/05	12/13/05	EPA 8260B	go
Methylene chloride	ND	5.0	0.63	ug/L	B5L0211	12/8/05	12/13/05	EPA 8260B	
Methyl-t-butyl ether	ND	1.0	0.12	ug/L	B5L0211	12/8/05	12/13/05	EPA 8260B	
Naphthalene	**12**	1.0	0.10	ug/L	B5L0211	12/8/05	12/13/05	EPA 8260B	

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BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:05500	Work Order #: 0506399
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

60028-1Q-PO

0506399-01 (Water)

12/3/05 8:00

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
n-Butylbenzene	ND	1.0	0.12	ug/L	B5L0211	12/8/05	12/13/05	EPA 8260B	
n-Propylbenzene	ND	1.0	0.10	ug/L	B5L0211	12/8/05	12/13/05	EPA 8260B	
o-Xylene	ND	1.0	0.14	ug/L	B5L0211	12/8/05	12/13/05	EPA 8260B	
sec-Butylbenzene	ND	1.0	0.042	ug/L	B5L0211	12/8/05	12/13/05	EPA 8260B	
Styrene	ND	1.0	0.047	ug/L	B5L0211	12/8/05	12/13/05	EPA 8260B	
tert-Butylbenzene	ND	1.0	0.10	ug/L	B5L0211	12/8/05	12/13/05	EPA 8260B	
Tetrachloroethene	ND	2.0	0.19	ug/L	B5L0211	12/8/05	12/13/05	EPA 8260B	
Tetrahydrofuran	ND	5.0	1.2	ug/L	B5L0211	12/8/05	12/13/05	EPA 8260B	go
Toluene	ND	1.0	0.17	ug/L	B5L0211	12/8/05	12/13/05	EPA 8260B	
trans-1,2-Dichloroethene	ND	1.0	0.14	ug/L	B5L0211	12/8/05	12/13/05	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.0	0.12	ug/L	B5L0211	12/8/05	12/13/05	EPA 8260B	
Trichloroethene	ND	1.0	0.073	ug/L	B5L0211	12/8/05	12/13/05	EPA 8260B	
Trichlorofluoromethane	ND	1.0	0.19	ug/L	B5L0211	12/8/05	12/13/05	EPA 8260B	
Vinyl chloride	ND	1.0	0.25	ug/L	B5L0211	12/8/05	12/13/05	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4	*101 %*	*Limits: 82-128%*			*B5L0211*	*12/8/05*	*12/13/05*	*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene	*101 %*	*Limits: 76-119%*			*B5L0211*	*12/8/05*	*12/13/05*	*EPA 8260B*	
Surrogate: Dibromofluoromethane	*96.8 %*	*Limits: 79-127%*			*B5L0211*	*12/8/05*	*12/13/05*	*EPA 8260B*	
Surrogate: Toluene-d8	*98.0 %*	*Limits: 82-116%*			*B5L0211*	*12/8/05*	*12/13/05*	*EPA 8260B*	

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675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

60028-1Q-DCN

0506399-02 (Water)

12/4/05 16:05

Metals

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Mercury	ND	0.20	0.011	ug/L	B5L0144	12/8/05	12/9/05	EPA 7470A	

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,2,4-Trichlorobenzene	ND	5.2	0.34	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
1,2-Dichlorobenzene	ND	5.2	0.28	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
1,2-Diphenylhydrazine	ND	5.2	0.39	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
1,3-Dichlorobenzene	ND	5.2	0.31	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
1,4-Dichlorobenzene	ND	5.2	0.30	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2,4,5-Trichlorophenol	ND	5.2	0.16	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2,4,6-Trichlorophenol	ND	5.2	0.24	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2,4-Dichlorophenol	ND	10	0.29	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2,4-Dimethylphenol	ND	5.2	0.41	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2,4-Dinitrophenol	ND	5.2	1.0	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2,4-Dinitrotoluene	ND	5.2	0.21	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2,6-Dinitrotoluene	ND	5.2	0.61	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2-Chloronaphthalene	ND	5.2	0.31	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2-Chlorophenol	ND	10	0.65	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2-Methylnaphthalene	ND	5.2	0.41	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2-Methylphenol	ND	10	2.6	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2-Nitroaniline	ND	5.2	0.48	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2-Nitrophenol	ND	10	0.56	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
3,3-Dichlorobenzidine	ND	5.2	0.56	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
3-/4-Methylphenol	ND	10	0.28	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
3-Nitroaniline	ND	5.2	0.69	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
4,6-Dinitro-2-methylphenol	ND	5.2	0.73	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
4-Bromophenyl phenyl ether	ND	5.2	0.25	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
4-Chloro-3-methylphenol	ND	5.2	0.24	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
4-Chloroaniline	ND	5.2	0.61	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506399
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

60028-1Q-DCN

0506399-02 (Water)

12/4/05 16:05

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
4-Chlorophenyl phenyl ether	ND	2.1	0.26	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
4-Nitroaniline	ND	5.2	0.35	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
4-Nitrophenol	ND	5.2	0.85	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Acenaphthene	ND	2.1	0.27	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Acenaphthylene	ND	2.1	0.19	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Aniline	ND	5.2	0.91	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Anthracene	ND	2.1	0.22	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Benz(a)anthracene	ND	2.1	0.73	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Benzo(a)pyrene	ND	2.1	0.80	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Benzo(b)fluoranthene	ND	2.1	0.44	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Benzo(g,h,i)perylene	ND	2.1	0.70	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Benzo(k)fluoranthene	ND	2.1	0.78	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Benzyl alcohol	ND	10	0.33	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
bis(2-Chloroethoxy)methane	ND	5.2	0.35	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Bis(2-Chloroethyl)ether	ND	5.2	0.43	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Bis(2-chloroisopropyl)ether	ND	5.2	0.33	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Bis(2-Ethylhexyl)phthalate	ND	5.2	1.6	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Butyl benzyl phthalate	ND	5.2	0.32	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Carbazole	ND	5.2	0.35	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Chrysene	ND	2.1	0.73	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Dibenz(a,h)anthracene	ND	2.1	0.81	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Dibenzofuran	ND	5.2	0.28	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Diethylphthalate	ND	5.2	0.31	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Dimethyl phthalate	ND	5.2	0.22	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Di-n-butyl phthalate	ND	5.2	0.49	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Di-n-octyl phthalate	ND	5.2	0.82	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Fluoranthene	ND	2.1	0.27	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Fluorene	ND	2.1	0.47	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506399
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

60028-1Q-DCN

0506399-02 (Water)

12/4/05 16:05

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Hexachlorobenzene	ND	5.2	0.25	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Hexachlorobutadiene	ND	5.2	0.32	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Hexachlorocyclopentadiene	ND	5.2	0.29	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Hexachloroethane	ND	5.2	0.36	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Indeno(1,2,3-cd)pyrene	ND	2.1	0.81	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Isophorone	ND	5.2	0.21	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Naphthalene	ND	5.2	0.33	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Nitrobenzene	ND	5.2	0.28	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
N-Nitrosodimethylamine	ND	5.2	0.27	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
N-Nitrosodi-n-propylamine	ND	5.2	0.32	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
N-Nitrosodiphenylamine	ND	5.2	0.32	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Pentachlorophenol	ND	5.2	0.56	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Phenanthrene	ND	2.1	0.21	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Phenol	ND	10	2.2	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Pyrene	ND	2.1	0.52	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Pyridine	ND	10	2.5	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Surrogate: 2,4,6-Tribromophenol	*88.0 %*	*Limits: 65-100%*			*B5L0113*	*12/7/05*	*12/8/05*	*EPA 8270C*	
Surrogate: 2-Fluorobiphenyl	*74.5 %*	*Limits: 59-101%*			*B5L0113*	*12/7/05*	*12/8/05*	*EPA 8270C*	
Surrogate: 2-Fluorophenol	*42.9 %*	*Limits: 30-75%*			*B5L0113*	*12/7/05*	*12/8/05*	*EPA 8270C*	
Surrogate: Nitrobenzene-d5	*57.9 %*	*Limits: 57-101%*			*B5L0113*	*12/7/05*	*12/8/05*	*EPA 8270C*	
Surrogate: Phenol-d6	*34.7 %*	*Limits: 30-75%*			*B5L0113*	*12/7/05*	*12/8/05*	*EPA 8270C*	
Surrogate: Terphenyl-d14	*84.6 %*	*Limits: 65-100%*			*B5L0113*	*12/7/05*	*12/8/05*	*EPA 8270C*	

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
1,1,1-Trichloroethane	ND	1.0	0.050	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

60028-1Q-DCN

0506399-02 (Water)

12/4/05 16:05

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
1,1,2-Trichlorotrifluoroethane	ND	1.0	0.12	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
1,1-Dichloroethane	ND	1.0	0.053	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
1,1-Dichloroethene	ND	1.0	0.085	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
1,1-Dichloropropene	ND	1.0	0.073	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
1,2,3-Trichlorobenzene	ND	1.0	0.11	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
1,2,3-Trichloropropane	ND	1.0	0.30	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
1,2,4-Trichlorobenzene	ND	1.0	0.14	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
1,2,4-Trimethylbenzene	ND	1.0	0.071	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
1,2-Dibromo-3-chloropropane	ND	1.0	0.41	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
1,2-Dibromoethane	ND	1.0	0.064	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
1,2-Dichlorobenzene	ND	1.0	0.12	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
1,2-Dichloroethane	ND	1.0	0.053	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
1,2-Dichloropropane	ND	1.0	0.050	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
1,3,5-Trimethylbenzene	ND	1.0	0.097	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
1,3-Dichlorobenzene	ND	1.0	0.083	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
1,3-Dichloropropane	ND	1.0	0.13	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
1,4-Dichlorobenzene	ND	1.0	0.12	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
2,2-Dichloropropane	ND	1.0	0.10	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
2-Butanone (MEK)	ND	10	1.3	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
2-Chlorotoluene	ND	1.0	0.20	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
4-Chlorotoluene	ND	1.0	0.13	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
4-Isopropyltoluene	ND	1.0	0.058	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
Acetone	ND	20	1.5	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	go
Allyl Chloride	ND	1.0	0.26	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
Benzene	ND	1.0	0.045	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
Bromobenzene	ND	1.0	0.15	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	

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BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:05500	Work Order #: 0506399
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

60028-1Q-DCN

0506399-02 (Water)

12/4/05 16:05

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Bromochloromethane	ND	1.0	0.21	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
Bromodichloromethane	**4.5**	1.0	0.11	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
Bromoform	ND	5.0	0.13	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
Bromomethane	ND	1.0	0.14	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
Carbon Tetrachloride	ND	1.0	0.057	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
Chlorobenzene	ND	1.0	0.042	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
Chlorodibromomethane	ND	1.0	0.028	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	go
Chloroethane	ND	1.0	0.11	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
Chloroform	**14**	1.0	0.12	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
Chloromethane	ND	1.0	0.20	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	go
cis-1,2-Dichloroethene	ND	1.0	0.10	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.0	0.041	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
Dibromomethane	ND	1.0	0.20	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
Dichlorodifluoromethane	ND	1.0	0.13	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	go
Dichlorofluoromethane	ND	1.0	0.10	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
Ethyl Ether	ND	1.0	0.31	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
Ethylbenzene	ND	1.0	0.10	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
Hexachlorobutadiene	ND	2.0	0.24	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
Isopropylbenzene	ND	1.0	0.064	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
m,p-Xylenes	ND	1.0	0.13	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
Methyl Isobutyl Ketone	ND	5.0	0.42	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	go
Methylene chloride	ND	5.0	0.63	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
Methyl-t-butyl ether	ND	1.0	0.12	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
Naphthalene	ND	1.0	0.10	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
n-Butylbenzene	ND	1.0	0.12	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
n-Propylbenzene	ND	1.0	0.10	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
o-Xylene	ND	1.0	0.14	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
sec-Butylbenzene	ND	1.0	0.042	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506399
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

60028-1Q-DCN

0506399-02 (Water)

12/4/05 16:05

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Styrene	ND	1.0	0.047	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
tert-Butylbenzene	ND	1.0	0.10	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
Tetrachloroethene	ND	2.0	0.19	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
Tetrahydrofuran	ND	5.0	1.2	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	go
Toluene	ND	1.0	0.17	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
trans-1,2-Dichloroethene	ND	1.0	0.14	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.0	0.12	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
Trichloroethene	ND	1.0	0.073	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
Trichlorofluoromethane	ND	1.0	0.19	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
Vinyl chloride	ND	1.0	0.25	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4	*91.6 %*		*Limits: 82-128%*		*B5L0211*	*12/8/05*	*12/8/05*	*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene	*114 %*		*Limits: 76-119%*		*B5L0211*	*12/8/05*	*12/8/05*	*EPA 8260B*	
Surrogate: Dibromofluoromethane	*101 %*		*Limits: 79-127%*		*B5L0211*	*12/8/05*	*12/8/05*	*EPA 8260B*	
Surrogate: Toluene-d8	*105 %*		*Limits: 82-116%*		*B5L0211*	*12/8/05*	*12/8/05*	*EPA 8260B*	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506399
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Trip Blank

0506399-03 (Water)

12/4/05 0:00

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
1,1,1-Trichloroethane	ND	1.0	0.050	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
1,1,2-Trichlorotrifluoroethane	ND	1.0	0.12	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
1,1-Dichloroethane	ND	1.0	0.053	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
1,1-Dichloroethene	ND	1.0	0.085	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
1,1-Dichloropropene	ND	1.0	0.073	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
1,2,3-Trichlorobenzene	ND	1.0	0.11	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
1,2,3-Trichloropropane	ND	1.0	0.30	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
1,2,4-Trichlorobenzene	ND	1.0	0.14	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
1,2,4-Trimethylbenzene	ND	1.0	0.071	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
1,2-Dibromo-3-chloropropane	ND	1.0	0.41	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
1,2-Dibromoethane	ND	1.0	0.064	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
1,2-Dichlorobenzene	ND	1.0	0.12	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
1,2-Dichloroethane	ND	1.0	0.053	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
1,2-Dichloropropane	ND	1.0	0.050	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
1,3,5-Trimethylbenzene	ND	1.0	0.097	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
1,3-Dichlorobenzene	ND	1.0	0.083	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
1,3-Dichloropropane	ND	1.0	0.13	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
1,4-Dichlorobenzene	ND	1.0	0.12	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
2,2-Dichloropropane	ND	1.0	0.10	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
2-Butanone (MEK)	ND	10	1.3	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
2-Chlorotoluene	ND	1.0	0.20	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
4-Chlorotoluene	ND	1.0	0.13	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
4-Isopropyltoluene	ND	1.0	0.058	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
Acetone	ND	20	1.5	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	go
Allyl Chloride	ND	1.0	0.26	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	

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Bloomington, MN 55438
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952-995-2020 Fax

Service Engineering Group	Client Ref:05500	Work Order #: 0506399
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Trip Blank

0506399-03 (Water)

12/4/05 0:00

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	0.045	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
Bromobenzene	ND	1.0	0.15	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
Bromochloromethane	ND	1.0	0.21	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
Bromodichloromethane	ND	1.0	0.11	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
Bromoform	ND	5.0	0.13	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
Bromomethane	ND	1.0	0.14	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
Carbon Tetrachloride	ND	1.0	0.057	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
Chlorobenzene	ND	1.0	0.042	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
Chlorodibromomethane	ND	1.0	0.028	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	go
Chloroethane	ND	1.0	0.11	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
Chloroform	ND	1.0	0.12	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
Chloromethane	ND	1.0	0.20	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	go
cis-1,2-Dichloroethene	ND	1.0	0.10	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.0	0.041	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
Dibromomethane	ND	1.0	0.20	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
Dichlorodifluoromethane	ND	1.0	0.13	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	go
Dichlorofluoromethane	ND	1.0	0.10	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
Ethyl Ether	ND	1.0	0.31	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
Ethylbenzene	ND	1.0	0.10	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
Hexachlorobutadiene	ND	2.0	0.24	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
Isopropylbenzene	ND	1.0	0.064	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
m,p-Xylenes	ND	1.0	0.13	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
Methyl Isobutyl Ketone	ND	5.0	0.42	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	go
Methylene chloride	ND	5.0	0.63	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
Methyl-t-butyl ether	ND	1.0	0.12	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
Naphthalene	ND	1.0	0.10	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
n-Butylbenzene	ND	1.0	0.12	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
n-Propylbenzene	ND	1.0	0.10	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506399
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Trip Blank

0506399-03 (Water)

12/4/05 0:00

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
o-Xylene	ND	1.0	0.14	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
sec-Butylbenzene	ND	1.0	0.042	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
Styrene	ND	1.0	0.047	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
tert-Butylbenzene	ND	1.0	0.10	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
Tetrachloroethene	ND	2.0	0.19	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
Tetrahydrofuran	ND	5.0	1.2	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	go
Toluene	ND	1.0	0.17	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
trans-1,2-Dichloroethene	ND	1.0	0.14	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.0	0.12	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
Trichloroethene	ND	1.0	0.073	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
Trichlorofluoromethane	ND	1.0	0.19	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
Vinyl chloride	ND	1.0	0.25	ug/L	B5L0211	12/8/05	12/8/05	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4	*92.8 %*	*Limits: 82-128%*			*B5L0211*	*12/8/05*	*12/8/05*	*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene	*112 %*	*Limits: 76-119%*			*B5L0211*	*12/8/05*	*12/8/05*	*EPA 8260B*	
Surrogate: Dibromofluoromethane	*107 %*	*Limits: 79-127%*			*B5L0211*	*12/8/05*	*12/8/05*	*EPA 8260B*	
Surrogate: Toluene-d8	*104 %*	*Limits: 82-116%*			*B5L0211*	*12/8/05*	*12/8/05*	*EPA 8260B*	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506399
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Classical Chemistry Parameters - Quality Control

Batch B5L0163 - Default Prep GenChem

Method Blank (B5L0163-BLK1) Prepared & Analyzed: 12/09/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Suspended Solids	ND	5.0	3.6	mg/L	NA	NA	NA	NA	NA	NA	

Laboratory Control Sample (B5L0163-BS1) Prepared & Analyzed: 12/09/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Suspended Solids	289			mg/L	250	NA	116	80-120	NA	NA	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Metals - Quality Control

Batch B5L0144 - EPA 7470A

Method Blank (B5L0144-BLK1) Prepared: 12/08/05 Analyzed: 12/09/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury, Dissolved	ND	0.20	0.011	ug/L	NA	NA	NA	NA	NA	NA	
Mercury	ND	0.20	0.011	ug/L	NA	NA	NA	NA	NA	NA	

Laboratory Control Sample (B5L0144-BS1) Prepared: 12/08/05 Analyzed: 12/09/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury, Dissolved	2.58	0.20	0.011	ug/L	2.50	NA	103	85-115	NA	NA	
Mercury	2.58	0.20	0.011	ug/L	2.50	NA	103	85-115	NA	NA	

Laboratory Control Sample Duplicate (B5L0144-BSD1) Prepared: 12/08/05 Analyzed: 12/09/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury, Dissolved	2.66	0.20	0.011	ug/L	2.50	NA	106	85-115	3.05	20	
Mercury	2.66	0.20	0.011	ug/L	2.50	NA	106	85-115	3.05	20	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506399
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5L0113 - EPA 3510C

Method Blank (B5L0113-BLK1) Prepared: 12/07/05 Analyzed: 12/08/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	ND	5.0	0.33	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	ND	5.0	0.27	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Diphenylhydrazine	ND	5.0	0.37	ug/L	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	ND	5.0	0.30	ug/L	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	ND	5.0	0.29	ug/L	NA	NA	NA	NA	NA	NA	
2,4,5-Trichlorophenol	ND	5.0	0.15	ug/L	NA	NA	NA	NA	NA	NA	
2,4,6-Trichlorophenol	ND	5.0	0.23	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dichlorophenol	ND	10	0.28	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dimethylphenol	ND	5.0	0.40	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dinitrophenol	ND	5.0	0.96	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dinitrotoluene	ND	5.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
2,6-Dinitrotoluene	ND	5.0	0.58	ug/L	NA	NA	NA	NA	NA	NA	
2-Chloronaphthalene	ND	5.0	0.30	ug/L	NA	NA	NA	NA	NA	NA	
2-Chlorophenol	ND	10	0.63	ug/L	NA	NA	NA	NA	NA	NA	
2-Methylnaphthalene	ND	5.0	0.39	ug/L	NA	NA	NA	NA	NA	NA	
2-Methylphenol	ND	10	2.5	ug/L	NA	NA	NA	NA	NA	NA	
2-Nitroaniline	ND	5.0	0.46	ug/L	NA	NA	NA	NA	NA	NA	
2-Nitrophenol	ND	10	0.54	ug/L	NA	NA	NA	NA	NA	NA	
3,3-Dichlorobenzidine	ND	5.0	0.54	ug/L	NA	NA	NA	NA	NA	NA	
3-/4-Methylphenol	ND	10	0.28	ug/L	NA	NA	NA	NA	NA	NA	
3-Nitroaniline	ND	5.0	0.66	ug/L	NA	NA	NA	NA	NA	NA	
4,6-Dinitro-2-methylphenol	ND	5.0	0.70	ug/L	NA	NA	NA	NA	NA	NA	
4-Bromophenyl phenyl ether	ND	5.0	0.24	ug/L	NA	NA	NA	NA	NA	NA	
4-Chloro-3-methylphenol	ND	5.0	0.23	ug/L	NA	NA	NA	NA	NA	NA	
4-Chloroaniline	ND	5.0	0.59	ug/L	NA	NA	NA	NA	NA	NA	
4-Chlorophenyl phenyl ether	ND	2.0	0.25	ug/L	NA	NA	NA	NA	NA	NA	
4-Nitroaniline	ND	5.0	0.34	ug/L	NA	NA	NA	NA	NA	NA	
4-Nitrophenol	ND	5.0	0.82	ug/L	NA	NA	NA	NA	NA	NA	
Acenaphthene	ND	2.0	0.26	ug/L	NA	NA	NA	NA	NA	NA	
Acenaphthylene	ND	2.0	0.19	ug/L	NA	NA	NA	NA	NA	NA	
Aniline	ND	5.0	0.88	ug/L	NA	NA	NA	NA	NA	NA	
Anthracene	ND	2.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Benz(a)anthracene	ND	2.0	0.71	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(a)pyrene	ND	2.0	0.77	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(b)fluoranthene	ND	2.0	0.42	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(g,h,i)perylene	ND	2.0	0.67	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(k)fluoranthene	ND	2.0	0.75	ug/L	NA	NA	NA	NA	NA	NA	
Benzyl alcohol	ND	10	0.32	ug/L	NA	NA	NA	NA	NA	NA	
bis(2-Chloroethoxy)methane	ND	5.0	0.34	ug/L	NA	NA	NA	NA	NA	NA	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5L0113 - EPA 3510C

Method Blank (B5L0113-BLK1) Prepared: 12/07/05 Analyzed: 12/08/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Bis(2-Chloroethyl)ether	ND	5.0	0.42	ug/L	NA	NA	NA	NA	NA	NA	
Bis(2-chloroisopropyl)ether	ND	5.0	0.32	ug/L	NA	NA	NA	NA	NA	NA	
Bis(2-Ethylhexyl)phthalate	ND	5.0	1.5	ug/L	NA	NA	NA	NA	NA	NA	
Butyl benzyl phthalate	ND	5.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
Carbazole	ND	5.0	0.34	ug/L	NA	NA	NA	NA	NA	NA	
Chrysene	ND	2.0	0.70	ug/L	NA	NA	NA	NA	NA	NA	
Dibenz(a,h)anthracene	ND	2.0	0.78	ug/L	NA	NA	NA	NA	NA	NA	
Dibenzofuran	ND	5.0	0.27	ug/L	NA	NA	NA	NA	NA	NA	
Diethylphthalate	ND	5.0	0.30	ug/L	NA	NA	NA	NA	NA	NA	
Dimethyl phthalate	ND	5.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Di-n-butyl phthalate	ND	5.0	0.47	ug/L	NA	NA	NA	NA	NA	NA	
Di-n-octyl phthalate	ND	5.0	0.80	ug/L	NA	NA	NA	NA	NA	NA	
Fluoranthene	ND	2.0	0.26	ug/L	NA	NA	NA	NA	NA	NA	
Fluorene	ND	2.0	0.46	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorobenzene	ND	5.0	0.24	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorobutadiene	ND	5.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorocyclopentadiene	ND	5.0	0.28	ug/L	NA	NA	NA	NA	NA	NA	
Hexachloroethane	ND	5.0	0.35	ug/L	NA	NA	NA	NA	NA	NA	
Indeno(1,2,3-cd)pyrene	ND	2.0	0.78	ug/L	NA	NA	NA	NA	NA	NA	
Isophorone	ND	5.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Naphthalene	ND	5.0	0.32	ug/L	NA	NA	NA	NA	NA	NA	
Nitrobenzene	ND	5.0	0.27	ug/L	NA	NA	NA	NA	NA	NA	
N-Nitrosodimethylamine	ND	5.0	0.26	ug/L	NA	NA	NA	NA	NA	NA	
N-Nitrosodi-n-propylamine	ND	5.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
N-Nitrosodiphenylamine	ND	5.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
Pentachlorophenol	ND	5.0	0.54	ug/L	NA	NA	NA	NA	NA	NA	
Phenanthrene	ND	2.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Phenol	ND	10	2.1	ug/L	NA	NA	NA	NA	NA	NA	
Pyrene	ND	2.0	0.50	ug/L	NA	NA	NA	NA	NA	NA	
Pyridine	ND	10	2.4	ug/L	NA	NA	NA	NA	NA	NA	
Surrogate: 2,4,6-Tribromophenol	*38.6*			ug/L	*50.0*	*NA*	*77.2*	*65-100*			
Surrogate: 2-Fluorobiphenyl	*15.4*			ug/L	*25.0*	*NA*	*61.6*	*59-101*			
Surrogate: 2-Fluorophenol	*19.7*			ug/L	*50.0*	*NA*	*39.4*	*30-75*			
Surrogate: Nitrobenzene-d5	*13.2*			ug/L	*25.0*	*NA*	*52.8*	*57-101*			*vn*
Surrogate: Phenol-d6	*15.8*			ug/L	*50.0*	*NA*	*31.6*	*30-75*			
Surrogate: Terphenyl-d14	*22.1*			ug/L	*25.0*	*NA*	*88.4*	*65-100*			

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Service Engineering Group	Client Ref:05500	Work Order #: 0506399
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5L0113 - EPA 3510C

Laboratory Control Sample (B5L0113-BS1) Prepared: 12/07/05 Analyzed: 12/08/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	33.7	5.0	0.33	ug/L	50.0	NA	67.4	30-120	NA	NA	
1,4-Dichlorobenzene	33.3	5.0	0.29	ug/L	50.0	NA	66.6	40-110	NA	NA	
2-Chlorophenol	34.6	10	0.63	ug/L	50.0	NA	69.2	40-100	NA	NA	
4-Chloro-3-methylphenol	40.4	5.0	0.23	ug/L	50.0	NA	80.8	50-110	NA	NA	
4-Nitrophenol	26.9	5.0	0.82	ug/L	50.0	NA	53.8	30-80	NA	NA	
Acenaphthene	42.4	2.0	0.26	ug/L	50.0	NA	84.8	50-110	NA	NA	
N-Nitrosodi-n-propylamine	41.2	5.0	0.31	ug/L	50.0	NA	82.4	45-120	NA	NA	
Pentachlorophenol	40.5	5.0	0.54	ug/L	50.0	NA	81.0	45-115	NA	NA	
Phenol	23.6	10	2.1	ug/L	50.0	NA	47.2	30-80	NA	NA	
Pyrene	50.1	2.0	0.50	ug/L	50.0	NA	100	55-120	NA	NA	
Surrogate: 2,4,6-Tribromophenol	*51.0*			ug/L	*50.0*	*NA*	*102*	*65-100*			
Surrogate: 2-Fluorobiphenyl	*18.8*			ug/L	*25.0*	*NA*	*75.2*	*59-101*			
Surrogate: 2-Fluorophenol	*23.2*			ug/L	*50.0*	*NA*	*46.4*	*30-75*			
Surrogate: Nitrobenzene-d5	*17.4*			ug/L	*25.0*	*NA*	*69.6*	*57-101*			
Surrogate: Phenol-d6	*20.4*			ug/L	*50.0*	*NA*	*40.8*	*30-75*			
Surrogate: Terphenyl-d14	*23.5*			ug/L	*25.0*	*NA*	*94.0*	*65-100*			

Laboratory Control Sample Duplicate (B5L0113-BSD1) Prepared: 12/07/05 Analyzed: 12/08/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	33.8	5.0	0.33	ug/L	50.0	NA	67.6	30-120	0.296	20	
1,4-Dichlorobenzene	32.7	5.0	0.29	ug/L	50.0	NA	65.4	40-110	1.82	20	
2-Chlorophenol	33.0	10	0.63	ug/L	50.0	NA	66.0	40-100	4.73	20	
4-Chloro-3-methylphenol	40.9	5.0	0.23	ug/L	50.0	NA	81.8	50-110	1.23	20	
4-Nitrophenol	27.7	5.0	0.82	ug/L	50.0	NA	55.4	30-80	2.93	20	
Acenaphthene	42.5	2.0	0.26	ug/L	50.0	NA	85.0	50-110	0.236	20	
N-Nitrosodi-n-propylamine	39.3	5.0	0.31	ug/L	50.0	NA	78.6	45-120	4.72	20	
Pentachlorophenol	42.7	5.0	0.54	ug/L	50.0	NA	85.4	45-115	5.29	20	
Phenol	21.6	10	2.1	ug/L	50.0	NA	43.2	30-80	8.85	20	
Pyrene	49.6	2.0	0.50	ug/L	50.0	NA	99.2	55-120	1.00	20	
Surrogate: 2,4,6-Tribromophenol	*52.4*			ug/L	*50.0*	*NA*	*105*	*65-100*			
Surrogate: 2-Fluorobiphenyl	*18.4*			ug/L	*25.0*	*NA*	*73.6*	*59-101*			
Surrogate: 2-Fluorophenol	*21.0*			ug/L	*50.0*	*NA*	*42.0*	*30-75*			
Surrogate: Nitrobenzene-d5	*16.2*			ug/L	*25.0*	*NA*	*64.8*	*57-101*			
Surrogate: Phenol-d6	*18.7*			ug/L	*50.0*	*NA*	*37.4*	*30-75*			
Surrogate: Terphenyl-d14	*23.1*			ug/L	*25.0*	*NA*	*92.4*	*65-100*			

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0211 - EPA 5030B

Method Blank (B5L0211-BLK1) Prepared & Analyzed: 12/08/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
1,1,1-Trichloroethane	ND	1.0	0.050	ug/L	NA	NA	NA	NA	NA	NA	
1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/L	NA	NA	NA	NA	NA	NA	
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
1,1,2-Trichlorotrifluoroethane	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
1,1-Dichloroethane	ND	1.0	0.053	ug/L	NA	NA	NA	NA	NA	NA	
1,1-Dichloroethene	ND	1.0	0.085	ug/L	NA	NA	NA	NA	NA	NA	
1,1-Dichloropropene	ND	1.0	0.073	ug/L	NA	NA	NA	NA	NA	NA	
1,2,3-Trichlorobenzene	0.320 J	1.0	0.11	ug/L	NA	NA	NA	NA	NA	NA	
1,2,3-Trichloropropane	ND	1.0	0.30	ug/L	NA	NA	NA	NA	NA	NA	
1,2,4-Trichlorobenzene	0.240 J	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
1,2,4-Trimethylbenzene	ND	1.0	0.071	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dibromo-3-chloropropane	ND	1.0	0.41	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dibromoethane	ND	1.0	0.064	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichloroethane	ND	1.0	0.053	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichloropropane	ND	1.0	0.050	ug/L	NA	NA	NA	NA	NA	NA	
1,3,5-Trimethylbenzene	ND	1.0	0.097	ug/L	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	ND	1.0	0.083	ug/L	NA	NA	NA	NA	NA	NA	
1,3-Dichloropropane	ND	1.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
2,2-Dichloropropane	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
2-Butanone (MEK)	ND	10	1.3	ug/L	NA	NA	NA	NA	NA	NA	
2-Chlorotoluene	ND	1.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
4-Chlorotoluene	ND	1.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
4-Isopropyltoluene	ND	1.0	0.058	ug/L	NA	NA	NA	NA	NA	NA	
Acetone	ND	20	1.5	ug/L	NA	NA	NA	NA	NA	NA	
Allyl Chloride	ND	1.0	0.26	ug/L	NA	NA	NA	NA	NA	NA	
Benzene	ND	1.0	0.045	ug/L	NA	NA	NA	NA	NA	NA	
Bromobenzene	ND	1.0	0.15	ug/L	NA	NA	NA	NA	NA	NA	
Bromochloromethane	ND	1.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Bromodichloromethane	ND	1.0	0.11	ug/L	NA	NA	NA	NA	NA	NA	
Bromoform	1.98 J	5.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
Bromomethane	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
Carbon Tetrachloride	ND	1.0	0.057	ug/L	NA	NA	NA	NA	NA	NA	
Chlorobenzene	ND	1.0	0.042	ug/L	NA	NA	NA	NA	NA	NA	
Chlorodibromomethane	ND	1.0	0.028	ug/L	NA	NA	NA	NA	NA	NA	
Chloroethane	ND	1.0	0.11	ug/L	NA	NA	NA	NA	NA	NA	
Chloroform	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0211 - EPA 5030B

Method Blank (B5L0211-BLK1) Prepared & Analyzed: 12/08/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	ND	1.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
cis-1,2-Dichloroethene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
cis-1,3-Dichloropropene	ND	1.0	0.041	ug/L	NA	NA	NA	NA	NA	NA	
Dibromomethane	ND	1.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
Dichlorodifluoromethane	ND	1.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
Dichlorofluoromethane	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
Ethyl Ether	ND	1.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
Ethylbenzene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorobutadiene	1.07 J	2.0	0.24	ug/L	NA	NA	NA	NA	NA	NA	
Isopropylbenzene	ND	1.0	0.064	ug/L	NA	NA	NA	NA	NA	NA	
m,p-Xylenes	ND	1.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
Methyl Isobutyl Ketone	ND	5.0	0.42	ug/L	NA	NA	NA	NA	NA	NA	
Methylene chloride	0.850 J	5.0	0.63	ug/L	NA	NA	NA	NA	NA	NA	
Methyl-t-butyl ether	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
Naphthalene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
n-Butylbenzene	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
n-Propylbenzene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
o-Xylene	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
sec-Butylbenzene	ND	1.0	0.042	ug/L	NA	NA	NA	NA	NA	NA	
Styrene	ND	1.0	0.047	ug/L	NA	NA	NA	NA	NA	NA	
tert-Butylbenzene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
Tetrachloroethene	ND	2.0	0.19	ug/L	NA	NA	NA	NA	NA	NA	
Tetrahydrofuran	ND	5.0	1.2	ug/L	NA	NA	NA	NA	NA	NA	
Toluene	ND	1.0	0.17	ug/L	NA	NA	NA	NA	NA	NA	
trans-1,2-Dichloroethene	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
trans-1,3-Dichloropropene	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
Trichloroethene	ND	1.0	0.073	ug/L	NA	NA	NA	NA	NA	NA	
Trichlorofluoromethane	ND	1.0	0.19	ug/L	NA	NA	NA	NA	NA	NA	
Vinyl chloride	ND	1.0	0.25	ug/L	NA	NA	NA	NA	NA	NA	
Surrogate: 1,2-Dichloroethane-d4	*23.1*			ug/L	*25.0*	*NA*	*92.4*	*82-128*			
Surrogate: 4-Bromofluorobenzene	*27.9*			ug/L	*25.0*	*NA*	*112*	*76-119*			
Surrogate: Dibromofluoromethane	*26.3*			ug/L	*25.0*	*NA*	*105*	*79-127*			
Surrogate: Toluene-d8	*25.9*			ug/L	*25.0*	*NA*	*104*	*82-116*			

BRAUN INTERTEC

11001 Hampshire Ave. S.
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Service Engineering Group	Client Ref:05500	Work Order #: 0506399
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0211 - EPA 5030B

Laboratory Control Sample (B5L0211-BS1) Prepared & Analyzed: 12/08/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	29.6	1.0	0.14	ug/L	25.0	NA	118	80-120	NA	NA	
1,1,1-Trichloroethane	27.1	1.0	0.050	ug/L	25.0	NA	108	80-120	NA	NA	
1,1,2,2-Tetrachloroethane	26.0	1.0	0.23	ug/L	25.0	NA	104	80-120	NA	NA	
1,1,2-Trichloroethane	25.0	1.0	0.20	ug/L	25.0	NA	100	80-120	NA	NA	
1,1,2-Trichlorotrifluoroethane	29.0	1.0	0.12	ug/L	25.0	NA	116	80-120	NA	NA	
1,1-Dichloroethane	24.0	1.0	0.053	ug/L	25.0	NA	96.0	80-120	NA	NA	
1,1-Dichloroethene	26.3	1.0	0.085	ug/L	25.0	NA	105	80-120	NA	NA	
1,1-Dichloropropene	24.6	1.0	0.073	ug/L	25.0	NA	98.4	80-120	NA	NA	
1,2,3-Trichlorobenzene	26.2	1.0	0.11	ug/L	25.0	NA	105	80-120	NA	NA	
1,2,3-Trichloropropane	27.2	1.0	0.30	ug/L	25.0	NA	109	80-120	NA	NA	
1,2,4-Trichlorobenzene	25.4	1.0	0.14	ug/L	25.0	NA	102	80-120	NA	NA	
1,2,4-Trimethylbenzene	23.7	1.0	0.071	ug/L	25.0	NA	94.8	80-120	NA	NA	
1,2-Dibromo-3-chloropropane	25.7	1.0	0.41	ug/L	25.0	NA	103	80-120	NA	NA	
1,2-Dibromoethane	27.7	1.0	0.064	ug/L	25.0	NA	111	80-120	NA	NA	
1,2-Dichlorobenzene	24.5	1.0	0.12	ug/L	25.0	NA	98.0	80-120	NA	NA	
1,2-Dichloroethane	23.7	1.0	0.053	ug/L	25.0	NA	94.8	80-120	NA	NA	
1,2-Dichloropropane	20.2	1.0	0.050	ug/L	25.0	NA	80.8	80-120	NA	NA	
1,3,5-Trimethylbenzene	23.6	1.0	0.097	ug/L	25.0	NA	94.4	80-120	NA	NA	
1,3-Dichlorobenzene	24.8	1.0	0.083	ug/L	25.0	NA	99.2	80-120	NA	NA	
1,3-Dichloropropane	24.7	1.0	0.13	ug/L	25.0	NA	98.8	80-120	NA	NA	
1,4-Dichlorobenzene	24.6	1.0	0.12	ug/L	25.0	NA	98.4	80-120	NA	NA	
2,2-Dichloropropane	26.0	1.0	0.10	ug/L	25.0	NA	104	80-120	NA	NA	
2-Butanone (MEK)	25.2	10	1.3	ug/L	25.0	NA	101	80-120	NA	NA	
2-Chlorotoluene	24.2	1.0	0.20	ug/L	25.0	NA	96.8	80-120	NA	NA	
4-Chlorotoluene	24.4	1.0	0.13	ug/L	25.0	NA	97.6	80-120	NA	NA	
4-Isopropyltoluene	25.1	1.0	0.058	ug/L	25.0	NA	100	80-120	NA	NA	
Acetone	32.8	20	1.5	ug/L	25.0	NA	131	80-120	NA	NA	
Allyl Chloride	24.3	1.0	0.26	ug/L	25.0	NA	97.2	80-120	NA	NA	
Benzene	22.1	1.0	0.045	ug/L	25.0	NA	88.4	80-120	NA	NA	
Bromobenzene	23.7	1.0	0.15	ug/L	25.0	NA	94.8	80-120	NA	NA	
Bromochloromethane	28.5	1.0	0.21	ug/L	25.0	NA	114	80-120	NA	NA	
Bromodichloromethane	24.3	1.0	0.11	ug/L	25.0	NA	97.2	80-120	NA	NA	
Bromoform	27.1	5.0	0.13	ug/L	25.0	NA	108	80-120	NA	NA	
Bromomethane	23.8	1.0	0.14	ug/L	25.0	NA	95.2	80-120	NA	NA	
Carbon Tetrachloride	26.8	1.0	0.057	ug/L	25.0	NA	107	80-120	NA	NA	
Chlorobenzene	28.2	1.0	0.042	ug/L	25.0	NA	113	80-120	NA	NA	
Chlorodibromomethane	30.9	1.0	0.028	ug/L	25.0	NA	124	80-120	NA	NA	
Chloroethane	23.4	1.0	0.11	ug/L	25.0	NA	93.6	80-120	NA	NA	
Chloroform	25.4	1.0	0.12	ug/L	25.0	NA	102	80-120	NA	NA	

The results in this report apply only to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Service Engineering Group	Client Ref:05500	Work Order #: 0506399
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0211 - EPA 5030B

Laboratory Control Sample (B5L0211-BS1) Prepared & Analyzed: 12/08/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	19.8	1.0	0.20	ug/L	25.0	NA	79.2	80-120	NA	NA	
cis-1,2-Dichloroethene	26.6	1.0	0.10	ug/L	25.0	NA	106	80-120	NA	NA	
cis-1,3-Dichloropropene	22.9	1.0	0.041	ug/L	25.0	NA	91.6	80-120	NA	NA	
Dibromomethane	23.1	1.0	0.20	ug/L	25.0	NA	92.4	80-120	NA	NA	
Dichlorodifluoromethane	16.7	1.0	0.13	ug/L	25.0	NA	66.8	80-120	NA	NA	
Dichlorofluoromethane	24.3	1.0	0.10	ug/L	25.0	NA	97.2	80-120	NA	NA	
Ethyl Ether	23.6	1.0	0.31	ug/L	25.0	NA	94.4	80-120	NA	NA	
Ethylbenzene	26.7	1.0	0.10	ug/L	25.0	NA	107	80-120	NA	NA	
Hexachlorobutadiene	25.1	2.0	0.24	ug/L	25.0	NA	100	80-120	NA	NA	
Isopropylbenzene	28.0	1.0	0.064	ug/L	25.0	NA	112	80-120	NA	NA	
m,p-Xylenes	54.7	1.0	0.13	ug/L	50.0	NA	109	80-120	NA	NA	
Methyl Isobutyl Ketone	19.2	5.0	0.42	ug/L	25.0	NA	76.8	80-120	NA	NA	
Methylene chloride	24.2	5.0	0.63	ug/L	25.0	NA	96.8	80-120	NA	NA	
Methyl-t-butyl ether	24.0	1.0	0.12	ug/L	25.0	NA	96.0	80-120	NA	NA	
Naphthalene	26.2	1.0	0.10	ug/L	25.0	NA	105	80-120	NA	NA	
n-Butylbenzene	23.1	1.0	0.12	ug/L	25.0	NA	92.4	80-120	NA	NA	
n-Propylbenzene	24.0	1.0	0.10	ug/L	25.0	NA	96.0	80-120	NA	NA	
o-Xylene	27.5	1.0	0.14	ug/L	25.0	NA	110	80-120	NA	NA	
sec-Butylbenzene	24.0	1.0	0.042	ug/L	25.0	NA	96.0	80-120	NA	NA	
Styrene	28.0	1.0	0.047	ug/L	25.0	NA	112	80-120	NA	NA	
tert-Butylbenzene	24.5	1.0	0.10	ug/L	25.0	NA	98.0	80-120	NA	NA	
Tetrachloroethene	27.2	2.0	0.19	ug/L	25.0	NA	109	80-120	NA	NA	
Tetrahydrofuran	18.4	5.0	1.2	ug/L	25.0	NA	73.6	80-120	NA	NA	
Toluene	25.0	1.0	0.17	ug/L	25.0	NA	100	80-120	NA	NA	
trans-1,2-Dichloroethene	26.0	1.0	0.14	ug/L	25.0	NA	104	80-120	NA	NA	
trans-1,3-Dichloropropene	23.1	1.0	0.12	ug/L	25.0	NA	92.4	80-120	NA	NA	
Trichloroethene	26.1	1.0	0.073	ug/L	25.0	NA	104	80-120	NA	NA	
Trichlorofluoromethane	25.4	1.0	0.19	ug/L	25.0	NA	102	80-120	NA	NA	
Vinyl chloride	21.0	1.0	0.25	ug/L	25.0	NA	84.0	80-120	NA	NA	
Surrogate: 1,2-Dichloroethane-d4	*23.2*			ug/L	*25.0*	*NA*	*92.8*	*82-128*			
Surrogate: 4-Bromofluorobenzene	*28.7*			ug/L	*25.0*	*NA*	*115*	*76-119*			
Surrogate: Dibromofluoromethane	*27.5*			ug/L	*25.0*	*NA*	*110*	*79-127*			
Surrogate: Toluene-d8	*26.4*			ug/L	*25.0*	*NA*	*106*	*82-116*			

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Service Engineering Group	Client Ref:05500	Work Order #: 0506399
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0211 - EPA 5030B

Laboratory Control Sample Duplicate (B5L0211-BSD1) Prepared & Analyzed: 12/08/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	29.6	1.0	0.14	ug/L	25.0	NA	118	80-120	0.00	20	
1,1,1-Trichloroethane	26.8	1.0	0.050	ug/L	25.0	NA	107	80-120	1.11	20	
1,1,2,2-Tetrachloroethane	24.0	1.0	0.23	ug/L	25.0	NA	96.0	80-120	8.00	20	
1,1,2-Trichloroethane	24.5	1.0	0.20	ug/L	25.0	NA	98.0	80-120	2.02	20	
1,1,2-Trichlorotrifluoroethane	29.1	1.0	0.12	ug/L	25.0	NA	116	80-120	0.344	20	
1,1-Dichloroethane	23.2	1.0	0.053	ug/L	25.0	NA	92.8	80-120	3.39	20	
1,1-Dichloroethene	25.8	1.0	0.085	ug/L	25.0	NA	103	80-120	1.92	20	
1,1-Dichloropropene	24.4	1.0	0.073	ug/L	25.0	NA	97.6	80-120	0.816	20	
1,2,3-Trichlorobenzene	22.7	1.0	0.11	ug/L	25.0	NA	90.8	80-120	14.3	20	
1,2,3-Trichloropropane	26.2	1.0	0.30	ug/L	25.0	NA	105	80-120	3.75	20	
1,2,4-Trichlorobenzene	23.5	1.0	0.14	ug/L	25.0	NA	94.0	80-120	7.77	20	
1,2,4-Trimethylbenzene	24.1	1.0	0.071	ug/L	25.0	NA	96.4	80-120	1.67	20	
1,2-Dibromo-3-chloropropane	23.9	1.0	0.41	ug/L	25.0	NA	95.6	80-120	7.26	20	
1,2-Dibromoethane	26.8	1.0	0.064	ug/L	25.0	NA	107	80-120	3.30	20	
1,2-Dichlorobenzene	24.4	1.0	0.12	ug/L	25.0	NA	97.6	80-120	0.409	20	
1,2-Dichloroethane	23.2	1.0	0.053	ug/L	25.0	NA	92.8	80-120	2.13	20	
1,2-Dichloropropane	20.7	1.0	0.050	ug/L	25.0	NA	82.8	80-120	2.44	20	
1,3,5-Trimethylbenzene	23.9	1.0	0.097	ug/L	25.0	NA	95.6	80-120	1.26	20	
1,3-Dichlorobenzene	24.7	1.0	0.083	ug/L	25.0	NA	98.8	80-120	0.404	20	
1,3-Dichloropropane	23.9	1.0	0.13	ug/L	25.0	NA	95.6	80-120	3.29	20	
1,4-Dichlorobenzene	24.8	1.0	0.12	ug/L	25.0	NA	99.2	80-120	0.810	20	
2,2-Dichloropropane	25.9	1.0	0.10	ug/L	25.0	NA	104	80-120	0.385	20	
2-Butanone (MEK)	23.3	10	1.3	ug/L	25.0	NA	93.2	80-120	7.84	20	
2-Chlorotoluene	24.2	1.0	0.20	ug/L	25.0	NA	96.8	80-120	0.00	20	
4-Chlorotoluene	24.5	1.0	0.13	ug/L	25.0	NA	98.0	80-120	0.409	20	
4-Isopropyltoluene	25.4	1.0	0.058	ug/L	25.0	NA	102	80-120	1.19	20	
Acetone	29.6	20	1.5	ug/L	25.0	NA	118	80-120	10.3	20	
Allyl Chloride	23.8	1.0	0.26	ug/L	25.0	NA	95.2	80-120	2.08	20	
Benzene	22.3	1.0	0.045	ug/L	25.0	NA	89.2	80-120	0.901	20	
Bromobenzene	23.5	1.0	0.15	ug/L	25.0	NA	94.0	80-120	0.847	20	
Bromochloromethane	27.4	1.0	0.21	ug/L	25.0	NA	110	80-120	3.94	20	
Bromodichloromethane	24.8	1.0	0.11	ug/L	25.0	NA	99.2	80-120	2.04	20	
Bromoform	26.3	5.0	0.13	ug/L	25.0	NA	105	80-120	3.00	20	
Bromomethane	21.5	1.0	0.14	ug/L	25.0	NA	86.0	80-120	10.2	20	
Carbon Tetrachloride	27.3	1.0	0.057	ug/L	25.0	NA	109	80-120	1.85	20	
Chlorobenzene	28.0	1.0	0.042	ug/L	25.0	NA	112	80-120	0.712	20	
Chlorodibromomethane	30.6	1.0	0.028	ug/L	25.0	NA	122	80-120	0.976	20	
Chloroethane	22.9	1.0	0.11	ug/L	25.0	NA	91.6	80-120	2.16	20	
Chloroform	25.0	1.0	0.12	ug/L	25.0	NA	100	80-120	1.59	20	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0211 - EPA 5030B

Laboratory Control Sample Duplicate (B5L0211-BSD1) Prepared & Analyzed: 12/08/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	19.5	1.0	0.20	ug/L	25.0	NA	78.0	80-120	1.53	20	
cis-1,2-Dichloroethene	25.9	1.0	0.10	ug/L	25.0	NA	104	80-120	2.67	20	
cis-1,3-Dichloropropene	22.9	1.0	0.041	ug/L	25.0	NA	91.6	80-120	0.00	20	
Dibromomethane	22.6	1.0	0.20	ug/L	25.0	NA	90.4	80-120	2.19	20	
Dichlorodifluoromethane	16.5	1.0	0.13	ug/L	25.0	NA	66.0	80-120	1.20	20	
Dichlorofluoromethane	23.6	1.0	0.10	ug/L	25.0	NA	94.4	80-120	2.92	20	
Ethyl Ether	23.0	1.0	0.31	ug/L	25.0	NA	92.0	80-120	2.58	20	
Ethylbenzene	26.8	1.0	0.10	ug/L	25.0	NA	107	80-120	0.374	20	
Hexachlorobutadiene	24.6	2.0	0.24	ug/L	25.0	NA	98.4	80-120	2.01	20	
Isopropylbenzene	28.2	1.0	0.064	ug/L	25.0	NA	113	80-120	0.712	20	
m,p-Xylenes	54.7	1.0	0.13	ug/L	50.0	NA	109	80-120	0.00	20	
Methyl Isobutyl Ketone	18.5	5.0	0.42	ug/L	25.0	NA	74.0	80-120	3.71	20	
Methylene chloride	23.6	5.0	0.63	ug/L	25.0	NA	94.4	80-120	2.51	20	
Methyl-t-butyl ether	22.9	1.0	0.12	ug/L	25.0	NA	91.6	80-120	4.69	20	
Naphthalene	23.7	1.0	0.10	ug/L	25.0	NA	94.8	80-120	10.0	20	
n-Butylbenzene	23.1	1.0	0.12	ug/L	25.0	NA	92.4	80-120	0.00	20	
n-Propylbenzene	24.3	1.0	0.10	ug/L	25.0	NA	97.2	80-120	1.24	20	
o-Xylene	27.3	1.0	0.14	ug/L	25.0	NA	109	80-120	0.730	20	
sec-Butylbenzene	24.3	1.0	0.042	ug/L	25.0	NA	97.2	80-120	1.24	20	
Styrene	27.8	1.0	0.047	ug/L	25.0	NA	111	80-120	0.717	20	
tert-Butylbenzene	24.8	1.0	0.10	ug/L	25.0	NA	99.2	80-120	1.22	20	
Tetrachloroethene	27.1	2.0	0.19	ug/L	25.0	NA	108	80-120	0.368	20	
Tetrahydrofuran	17.1	5.0	1.2	ug/L	25.0	NA	68.4	80-120	7.32	20	
Toluene	25.0	1.0	0.17	ug/L	25.0	NA	100	80-120	0.00	20	
trans-1,2-Dichloroethene	25.6	1.0	0.14	ug/L	25.0	NA	102	80-120	1.55	20	
trans-1,3-Dichloropropene	22.8	1.0	0.12	ug/L	25.0	NA	91.2	80-120	1.31	20	
Trichloroethene	26.5	1.0	0.073	ug/L	25.0	NA	106	80-120	1.52	20	
Trichlorofluoromethane	25.2	1.0	0.19	ug/L	25.0	NA	101	80-120	0.791	20	
Vinyl chloride	21.0	1.0	0.25	ug/L	25.0	NA	84.0	80-120	0.00	20	
Surrogate: 1,2-Dichloroethane-d4	*22.7*			ug/L	*25.0*	*NA*	*90.8*	*82-128*			
Surrogate: 4-Bromofluorobenzene	*28.7*			ug/L	*25.0*	*NA*	*115*	*76-119*			
Surrogate: Dibromofluoromethane	*27.1*			ug/L	*25.0*	*NA*	*108*	*79-127*			
Surrogate: Toluene-d8	*26.2*			ug/L	*25.0*	*NA*	*105*	*82-116*			

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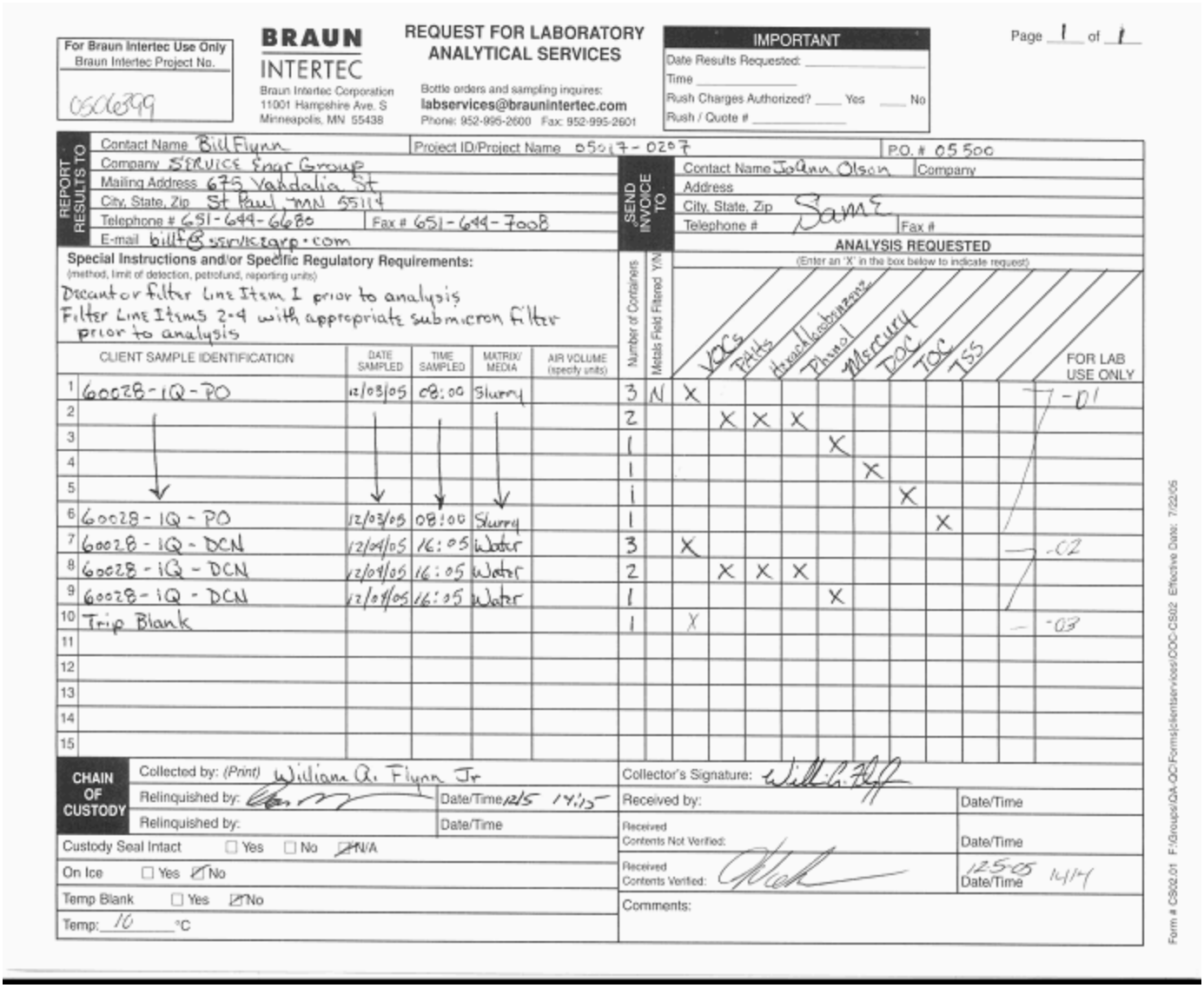
Service Engineering Group	Client Ref:05500	Work Order #: 0506399
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003



BRAUN INTERTEC
Braun Intertec Corporation
11001 Hampshire Ave. S
Minneapolis, MN 55438

REQUEST FOR LABORATORY ANALYTICAL SERVICES

Bottle orders and sampling inquires:
labservices@braunintertec.com
Phone: 952-995-2600 Fax: 952-995-2601

For Braun Intertec Use Only
Braun Intertec Project No.
0506399

IMPORTANT
Date Results Requested:
Time
Rush Charges Authorized? ___ Yes ___ No
Rush / Quote #

Page 1 of 1

REPORT RESULTS TO
Contact Name Bill Flynn
Company SERVICE Engr Group
Mailing Address 675 Vandalia St
City, State, Zip St Paul, MN 55114
Telephone # 651-644-6680 Fax # 651-644-7008
E-mail billf@serviceegrp.com

Project ID/Project Name 05017-0207
P.O. # 05500

SEND INVOICE TO
Contact Name JoAnn Olson Company
Address
City, State, Zip Same
Telephone # Fax #

Special Instructions and/or Specific Regulatory Requirements:
(method, limit of detection, petrofund, reporting units)
Decant or filter Line Item 1 prior to analysis
Filter Line Items 2-4 with appropriate submicron filter prior to analysis

ANALYSIS REQUESTED
(Enter an 'X' in the box below to indicate request)

	CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)	Number of Containers	Metals Field Filtered Y/N	VOCs	PAHs	Hexachlorobenzene	Phenol	Mercury	DOC	TOC	TSS	FOR LAB USE ONLY
1	60028-IQ-PO	12/03/05	08:00	Slurry		3	N	X								-01
2						2			X	X	X					
3						1						X				
4						1							X			
5						1								X		
6	60028-IQ-PO	12/03/05	08:00	Slurry		1									X	
7	60028-IQ-DCN	12/04/05	16:05	Water		3		X								-02
8	60028-IQ-DCN	12/04/05	16:05	Water		2			X	X	X					
9	60028-IQ-DCN	12/04/05	16:05	Water		1						X				
10	Trip Blank					1		X								-03
11																
12																
13																
14																
15																

CHAIN OF CUSTODY
Collected by: (Print) William A. Flynn Jr
Collector's Signature:
Relinquished by: Date/Time 12/5 14:15
Relinquished by: Date/Time
Received by: Date/Time
Received Contents Not Verified: Date/Time
Received Contents Verified: 12-5-05 Date/Time 14:14
Comments:

Custody Seal Intact ☐ Yes ☐ No ☒ N/A
On Ice ☐ Yes ☒ No
Temp Blank ☐ Yes ☒ No
Temp: 10 °C

Form # CS02.01 F:\Groups\QA-QC\Forms\clientservices\COC-CS02 Effective Date: 7/22/05

BRAUN INTERTEC

Braun Intertec Corporation
11001 Hampshire Avenue S
Minneapolis, MN 55438

Phone: 952.995.2000
Fax: 952.995.2020
Web: brauninterteс.com

Mr. Bill Flynn
Service Engineering Group
675 Vandalia Street
St. Paul, MN 55114-1312

December 28, 2005

Work Order #: 0506403

RE: 05500

Dear Mr. Bill Flynn

Braun Intertec Corporation received samples for the project identified above on 12/05/05 14:14. Analytical results are summarized in the following report.

All routine quality assurance procedures were followed, unless otherwise noted.

Where possible, the samples will be retained by the laboratory for 14 days following issuance of the initial final report. The samples will be disposed of or returned at that time.

We appreciate your decision to use Braun Intertec Corporation for this project. We are committed to being your vendor of choice to meet your analytical chemistry needs.

If you have any questions please contact me at the above phone number.

Sincerely,
BRAUN INTERTEC CORPORATION

Steven J. Albrecht
Associate Principal

AIHA Environmental Lead and Industrial Hygiene ACCREDITED LABORATORY
AIHA 101103

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:	05500	Work Order #:	0506403
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

Qualifiers and Abbreviations

ir	The recovery study yielded results of <75%. Per the NIOSH Manual of Analytical Methods, the result is considered semi-quantitative.
ia	The back section of the sample tube contained greater than 10 percent of the amount collected on the front section. This indicates possible analyte breakthrough (loss) during field sampling.
A1	The Laboratory Control Spike Duplicate was outside of laboratory limits. The LCSD recovery was 123%. The results may be biased high.
COC	Chain of Custody
MRL	Method Reporting Limit
ppm	Parts per million in Air
NA	Not Applicable
NR	Not Reported
%Rec	Percent Recovery
RPD	Relative Percent Difference

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506403
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

SAMPLE SUMMARY

Sample ID	Laboratory ID	Matrix	Air Volume (L) / Time (Min)	Date Sampled	Date Received
60028-1Q-(0-2)	0506403-01	Air Tube	300	12/02/05 11:47	12/05/05 14:14
60028-1Q-(0-2)	0506403-02	Air Tube	301.2	12/02/05 11:47	12/05/05 14:14
60028-1Q-(0-2)	0506403-03	Air	303.6	12/02/05 11:47	12/05/05 14:14
60028-1Q-(0-2)	0506403-04	Air Tube	301.2	12/02/05 11:47	12/05/05 14:14
60028-1Q-(0-2)	0506403-05	Air Tube	304.8	12/02/05 11:47	12/05/05 14:14
60028-1Q-(2-6)	0506403-06	Air Tube	600	12/02/05 15:53	12/05/05 14:14
60028-1Q-(2-6)	0506403-07	Air Tube	602.4	12/02/05 15:53	12/05/05 14:14
60028-1Q-(2-6)	0506403-08	Air	607.2	12/02/05 15:53	12/05/05 14:14
60028-1Q-(2-6)	0506403-09	Air Tube	602.4	12/02/05 15:53	12/05/05 14:14
60028-1Q-(2-6)	0506403-10	Air Tube	609.6	12/02/05 15:53	12/05/05 14:14
60028-1Q-(6-22)	0506403-11	Air Tube	2400	12/03/05 07:47	12/05/05 14:14
60028-1Q-(6-22)	0506403-12	Air Tube	2410	12/03/05 07:47	12/05/05 14:14
60028-1Q-(6-22)	0506403-13	Air	2429	12/03/05 07:47	12/05/05 14:14
60028-1Q-(6-22)	0506403-14	Air Tube	2410	12/03/05 07:47	12/05/05 14:14
60028-1Q-(6-22)	0506403-15	Air Tube	2438	12/03/05 07:47	12/05/05 14:14

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506403
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

60028-1Q-(0-2)

0506403-01 (Air Tube)

12/2/05 11:47

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
1,2,3-Trichlorobenzene	< 11.7	11.7	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,2,4-Trichlorobenzene	< 11.3	11.3	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,3,5-Trichlorobenzene	< 11.7	11.7	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,4-Dichlorobenzene	< 11.6	11.6	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,1,1-Trichloroethane	< 9.71	9.71	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
2-Ethoxyethyl Acetate	< 12.3	12.3	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Acetone	< 11.0	11.0	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Benzene	**12.9**	4.95	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Chlorobenzene	< 10.2	10.2	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Chloroform	**29.4**	10.2	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Ethanol	< 14.3	14.3	ug/m³	1	12/13/05	12/16/05	IHVOCS1	ir
Ethyl Acetate	< 10.2	10.2	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Ethyl Benzene	< 9.80	9.80	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Isobutanol	< 11.5	11.5	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Isopropanol	< 12.8	12.8	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Methyl Ethyl Ketone	**13.8**	11.2	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Methyl Isobutyl Ketone	< 10.2	10.2	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Methylene Chloride	< 9.80	9.80	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
n-Butyl Acetate	< 10.1	10.1	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
n-Hexane	**12.0**	9.71	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Stoddard Solvent	**180**	49.5	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Styrene	< 13.0	13.0	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Tetrachloroethene	< 9.90	9.90	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Tetrahydrofuran	**13.4**	10.2	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Toluene	**38.5**	10.1	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
TPH as Gasoline	**636**	51.0	ug/m³	1	12/13/05	12/16/05	IHVOCS1	ia
Trichloroethene	< 10.0	10.0	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
VM&P Naphtha	< 48.1	48.1	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Xylenes, Total	**17.4**	10.0	ug/m³	1	12/13/05	12/16/05	IHVOCS1	

BRAUN INTERTEC

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506403
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

60028-1Q-(0-2)

0506403-02 (Air Tube)

12/2/05 11:47

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Acenaphthene	< 3.67	3.67	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Acenaphthylene	< 3.38	3.38	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Anthracene	< 3.66	3.66	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Benz(a)anthracene	< 3.96	3.96	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Benzo(a)pyrene	< 4.19	4.19	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Benzo(b)fluoranthene	< 4.14	4.14	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Benzo(g,h,i)perylene	< 5.12	5.12	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Benzo(k)fluoranthene	< 4.19	4.19	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Chrysene	< 3.98	3.98	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Dibenz(a,h)anthracene	< 4.27	4.27	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Fluoranthene	< 3.79	3.79	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Fluorene	< 3.60	3.60	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Indeno(1,2,3-cd)pyrene	< 4.50	4.50	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Naphthalene	< 3.68	3.68	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Phenanthrene	< 3.68	3.68	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Pyrene	< 3.85	3.85	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506403
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

60028-1Q-(0-2)

0506403-03 (Air)

12/2/05 11:47

Metals

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Mercury	< 0.066	0.066	ug/m³	1	12/15/05	12/15/05	OSHA ID-145	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506403
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

60028-1Q-(0-2)

0506403-04 (Air Tube)

12/2/05 11:47

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Hexachlorobenzene	< 3.65	3.65	ug/m³	1	12/12/05	12/14/05	IHVOCS	A1

BRAUN INTERTEC

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506403
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

60028-1Q-(0-2)

0506403-05 (Air Tube)

12/2/05 11:47

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Phenol	< 12.8	12.8	ug/m³	1	12/8/05	12/9/05	NIOSH 2546	

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Service Engineering Group	Client Ref: 05500	Work Order #: 0506403
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

60028-1Q-(2-6)

0506403-06 (Air Tube)

12/2/05 15:53

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
1,2,3-Trichlorobenzene	< 5.87	5.87	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,2,4-Trichlorobenzene	< 5.63	5.63	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,3,5-Trichlorobenzene	< 5.83	5.83	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,4-Dichlorobenzene	< 5.79	5.79	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,1,1-Trichloroethane	< 4.85	4.85	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
2-Ethoxyethyl Acetate	< 6.17	6.17	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Acetone	< 5.49	5.49	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Benzene	**14.0**	2.48	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Chlorobenzene	< 5.10	5.10	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Chloroform	**26.0**	5.10	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Ethanol	< 7.14	7.14	ug/m³	1	12/13/05	12/16/05	IHVOCS1	ir
Ethyl Acetate	< 5.10	5.10	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Ethyl Benzene	**7.17**	4.90	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Isobutanol	< 5.75	5.75	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Isopropanol	**11.3**	6.41	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Methyl Ethyl Ketone	**11.4**	5.62	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Methyl Isobutyl Ketone	< 5.10	5.10	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Methylene Chloride	< 4.90	4.90	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
n-Butyl Acetate	< 5.05	5.05	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
n-Hexane	**13.9**	4.85	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Stoddard Solvent	**201**	24.8	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Styrene	< 6.49	6.49	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Tetrachloroethene	**8.37**	4.95	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Tetrahydrofuran	**11.8**	5.10	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Toluene	**40.9**	5.05	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
TPH as Gasoline	**627**	25.5	ug/m³	1	12/13/05	12/16/05	IHVOCS1	ia
Trichloroethene	**18.4**	5.00	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
VM&P Naphtha	< 24.0	24.0	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Xylenes, Total	**33.6**	5.00	ug/m³	1	12/13/05	12/16/05	IHVOCS1	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506403
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

60028-1Q-(2-6)

0506403-07 (Air Tube)

12/2/05 15:53

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Acenaphthene	< 1.83	1.83	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Acenaphthylene	< 1.69	1.69	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Anthracene	< 1.83	1.83	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Benz(a)anthracene	< 1.98	1.98	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Benzo(a)pyrene	< 2.09	2.09	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Benzo(b)fluoranthene	< 2.07	2.07	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Benzo(g,h,i)perylene	< 2.56	2.56	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Benzo(k)fluoranthene	< 2.10	2.10	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Chrysene	< 1.99	1.99	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Dibenz(a,h)anthracene	< 2.13	2.13	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Fluoranthene	< 1.89	1.89	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Fluorene	< 1.80	1.80	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Indeno(1,2,3-cd)pyrene	< 2.25	2.25	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Naphthalene	< 1.84	1.84	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Phenanthrene	< 1.84	1.84	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Pyrene	< 1.92	1.92	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506403
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

60028-1Q-(2-6)

0506403-08 (Air)

12/2/05 15:53

Metals

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Mercury	< 0.033	0.033	ug/m³	1	12/15/05	12/15/05	OSHA ID-145	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506403
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

60028-1Q-(2-6)

0506403-09 (Air Tube)

12/2/05 15:53

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Hexachlorobenzene	< 1.82	1.82	ug/m³	1	12/12/05	12/14/05	IHVOCS	A1

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506403
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

60028-1Q-(2-6)

0506403-10 (Air Tube)

12/2/05 15:53

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Phenol	< 6.41	6.41	ug/m³	1	12/8/05	12/9/05	NIOSH 2546	

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952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref: 05500	Work Order #: 0506403
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

60028-1Q-(6-22)

0506403-11 (Air Tube)

12/3/05 7:47

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
1,2,3-Trichlorobenzene	< 1.47	1.47	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,2,4-Trichlorobenzene	< 1.41	1.41	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,3,5-Trichlorobenzene	< 1.46	1.46	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,4-Dichlorobenzene	< 1.45	1.45	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,1,1-Trichloroethane	< 1.21	1.21	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
2-Ethoxyethyl Acetate	**1.76**	1.54	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Acetone	**1.38**	1.37	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Benzene	**5.94**	0.619	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Chlorobenzene	< 1.28	1.28	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Chloroform	< 1.28	1.28	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Ethanol	< 1.79	1.79	ug/m³	1	12/13/05	12/16/05	IHVOCS1	ir
Ethyl Acetate	< 1.28	1.28	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Ethyl Benzene	**3.64**	1.23	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Isobutanol	< 1.44	1.44	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Isopropanol	**4.32**	1.60	ug/m³	1	12/13/05	12/16/05	IHVOCS1	ia
Methyl Ethyl Ketone	**7.12**	1.40	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Methyl Isobutyl Ketone	< 1.28	1.28	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Methylene Chloride	< 1.23	1.23	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
n-Butyl Acetate	< 1.26	1.26	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
n-Hexane	**8.54**	1.21	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Stoddard Solvent	**114**	6.19	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Styrene	< 1.62	1.62	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Tetrachloroethene	**2.65**	1.24	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Tetrahydrofuran	**5.55**	1.28	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Toluene	**20.5**	1.26	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
TPH as Gasoline	**307**	6.38	ug/m³	1	12/13/05	12/16/05	IHVOCS1	ia
Trichloroethene	**3.78**	1.25	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
VM&P Naphtha	< 6.01	6.01	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Xylenes, Total	**17.1**	1.25	ug/m³	1	12/13/05	12/16/05	IHVOCS1	

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:	05500	Work Order #:	0506403
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

60028-1Q-(6-22)

0506403-12 (Air Tube)

12/3/05 7:47

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Acenaphthene	< 0.458	0.458	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Acenaphthylene	< 0.423	0.423	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Anthracene	< 0.457	0.457	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Benz(a)anthracene	< 0.495	0.495	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Benzo(a)pyrene	< 0.523	0.523	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Benzo(b)fluoranthene	< 0.517	0.517	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Benzo(g,h,i)perylene	< 0.639	0.639	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Benzo(k)fluoranthene	< 0.524	0.524	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Chrysene	< 0.497	0.497	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Dibenz(a,h)anthracene	< 0.533	0.533	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Fluoranthene	< 0.473	0.473	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Fluorene	< 0.450	0.450	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Indeno(1,2,3-cd)pyrene	< 0.562	0.562	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Naphthalene	**1.10**	0.460	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Phenanthrene	< 0.460	0.460	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Pyrene	< 0.481	0.481	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	

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952-995-2020 Fax

Service Engineering Group	Client Ref:	05500	Work Order #:	0506403
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

60028-1Q-(6-22)

0506403-13 (Air)

12/3/05 7:47

Metals

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Mercury	< 0.0082	0.0082	ug/m³	1	12/15/05	12/15/05	OSHA ID-145	

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952-995-2020 Fax

Service Engineering Group	Client Ref:	05500	Work Order #:	0506403
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

60028-1Q-(6-22)

0506403-14 (Air Tube)

12/3/05 7:47

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Hexachlorobenzene	< 0.456	0.456	ug/m³	1	12/12/05	12/14/05	IHVOCS	A1

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952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:	05500	Work Order #:	0506403
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

60028-1Q-(6-22)

0506403-15 (Air Tube)

12/3/05 7:47

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Phenol	< 1.60	1.60	ug/m³	1	12/8/05	12/9/05	NIOSH 2546	

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BRAUN INTERTEC

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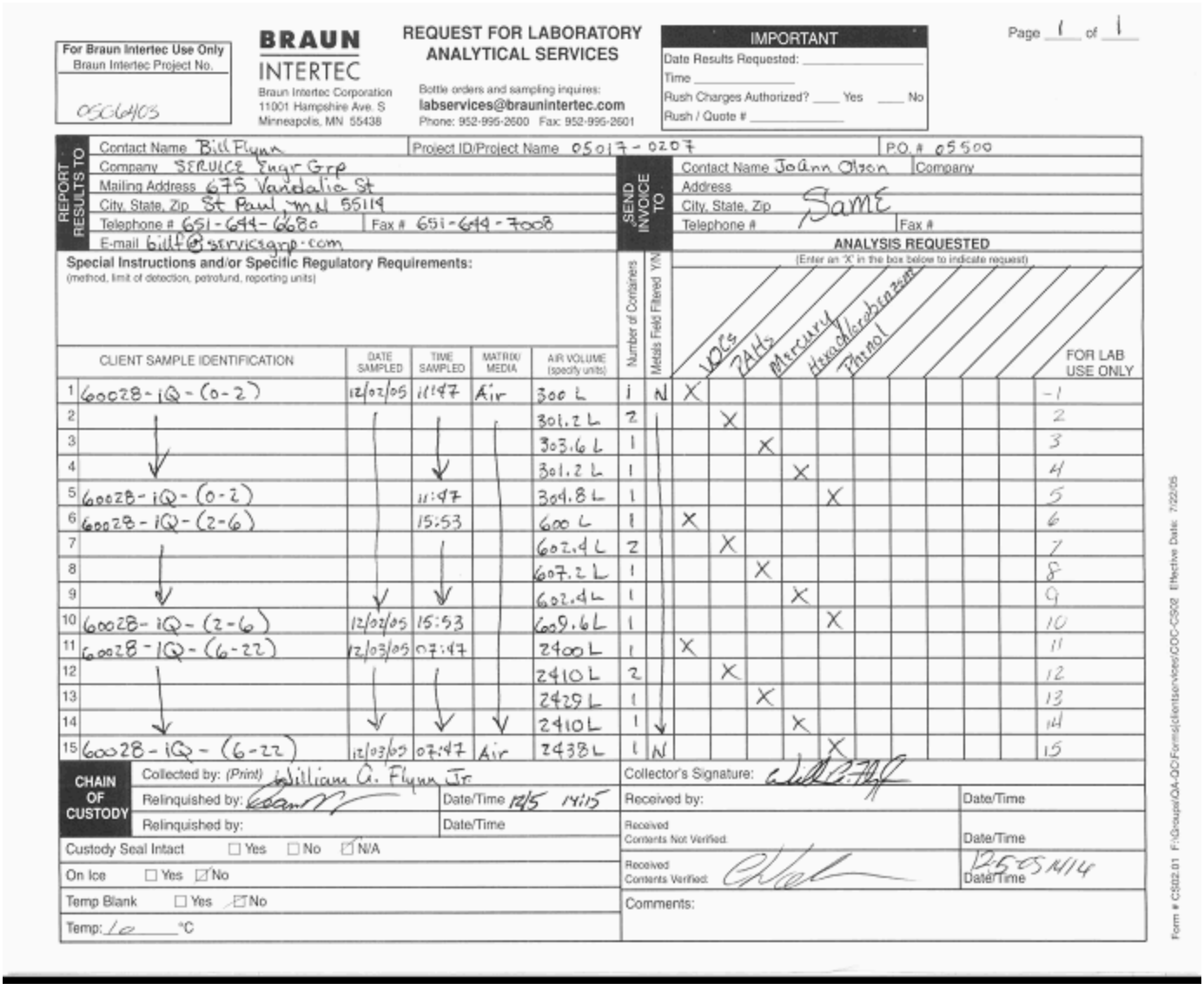
952-995-2020 Fax

Service Engineering Group	Client Ref: 05500	Work Order #: 0506403
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003



BRAUN INTERTEC

REQUEST FOR LABORATORY ANALYTICAL SERVICES

Page 1 of 1

For Braun Intertec Use Only — Braun Intertec Project No.: 0506403

Braun Intertec Corporation, 11001 Hampshire Ave. S, Minneapolis, MN 55438

Bottle orders and sampling inquiries: labservices@braunintertec.com, Phone: 952-995-2600 Fax: 952-995-2601

IMPORTANT
Date Results Requested:
Time
Rush Charges Authorized? ____ Yes ____ No
Rush / Quote #

REPORT RESULTS TO
Contact Name: Bill Flynn
Company: Service Engr Grp
Mailing Address: 675 Vandalia St
City, State, Zip: St Paul, MN 55119
Telephone #: 651-644-6680 Fax #: 651-644-7008
E-mail: billf@servicegrp.com

Project ID/Project Name: 05017-0207
P.O. #: 05500

SEND INVOICE TO
Contact Name: JoAnn Olson Company:
Address:
City, State, Zip: Same
Telephone # Fax #

Special Instructions and/or Specific Regulatory Requirements:
(method, limit of detection, petrofund, reporting units)

ANALYSIS REQUESTED
(Enter an 'X' in the box below to indicate request)

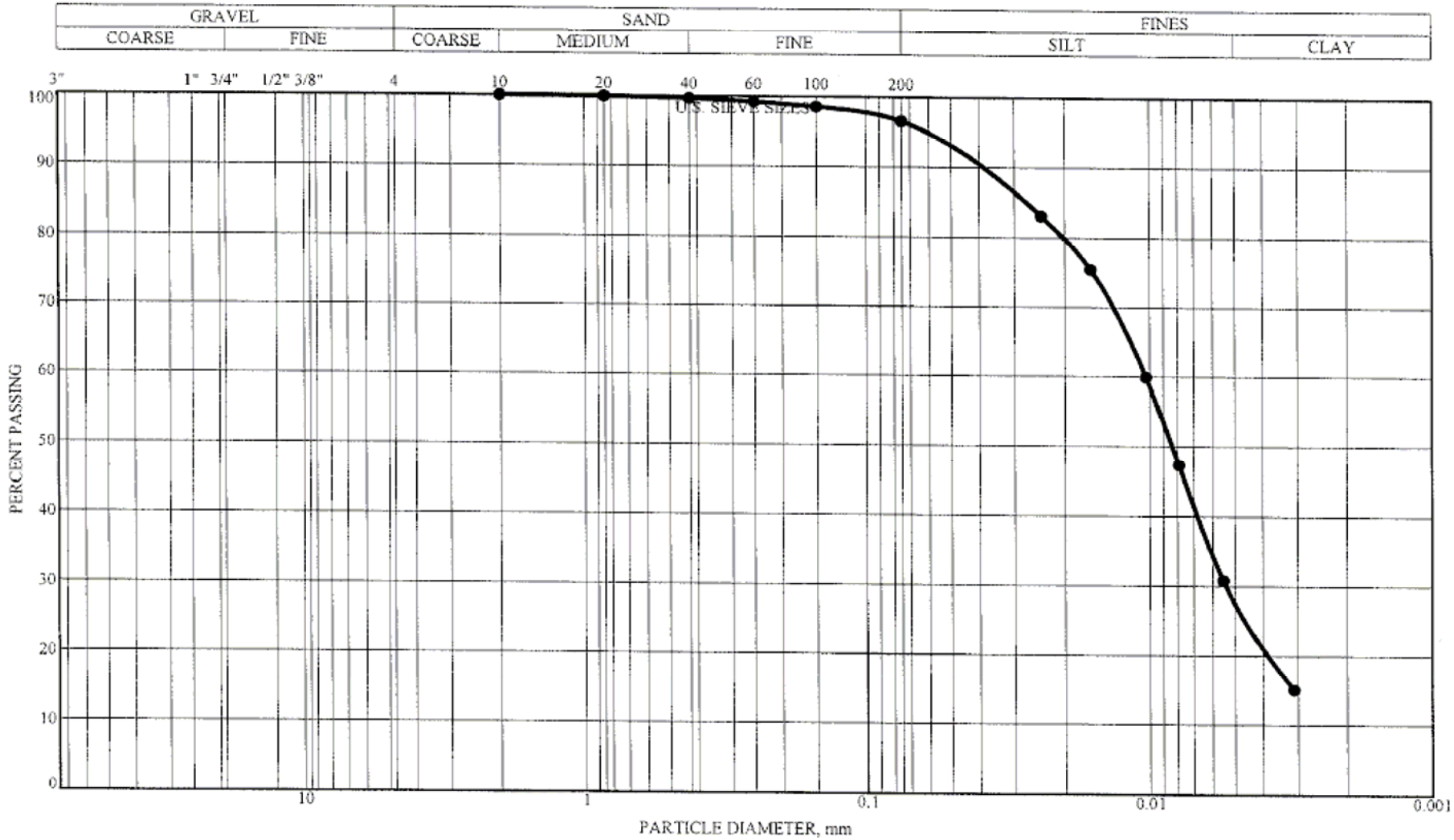
	CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)	Number of Containers	Metals Field Filtered Y/N	VOCs	PAHs	Mercury	Hexachlorobenzene	Phenol	FOR LAB USE ONLY
1	60028-iQ-(0-2)	12/02/05	11:47	Air	300 L	1	N	X					-1
2					301.2 L	2			X				2
3					303.6 L	1				X			3
4					301.2 L	1					X		4
5	60028-iQ-(0-2)		11:47		304.8 L	1						X	5
6	60028-iQ-(2-6)		15:53		600 L	1		X					6
7					602.4 L	2			X				7
8					607.2 L	1				X			8
9					602.4 L	1					X		9
10	60028-iQ-(2-6)	12/02/05	15:53		609.6 L	1						X	10
11	60028-iQ-(6-22)	12/03/05	07:47		2400 L	1		X					11
12					2410 L	2			X				12
13					2429 L	1				X			13
14					2410 L	1					X		14
15	60028-iQ-(6-22)	12/03/05	07:47	Air	2438 L	1	N					X	15

CHAIN OF CUSTODY

Collected by: (Print) William A. Flynn Jr — Collector's Signature:
Relinquished by: — Date/Time 12/5 14:15 — Received by: — Date/Time
Relinquished by: — Date/Time — Received Contents Not Verified: — Date/Time
Custody Seal Intact ☐ Yes ☐ No ☑ N/A — Received Contents Verified: — Date/Time 12/5/05 14:14
On Ice ☐ Yes ☑ No
Temp Blank ☐ Yes ☑ No — Comments:
Temp: 1.0 °C

Form # CS02.01 F:\Groups\QA-QC\Forms\clientservices\COC-CS02 Effective Date: 7/22/05

GRAIN SIZE ACCUMULATION CURVE (ASTM)



GS ASTM BL-05-05783.GPJ BRAUN.GDT 12/14/05 12:27

BRAUN INTERTEC

Braun Project BL-05-05783
05017-0207
Service Environmental & Engineering
St. Paul, MN

BORING: 70015-IN-PR DEPTH: 0.0'

GRAVEL	0.0%		
SAND	3.5%		
SILT	68.3%		
CLAY	28.2%		
D60=0.010		Cu=6.6	
D30=0.005		Cc=1.8	
D10=0.002			

CLASSIFICATION:
SILT(ML)

SMU 7 Grain Size

BRAUN INTERTEC

Braun Intertec Corporation
11001 Hampshire Avenue S
Minneapolis, MN 55438

Phone: 952.995.2000
Fax: 952.995.2020
Web: brauntintertec.com

Mr. Bill Flynn
Service Engineering Group
675 Vandalia Street
St. Paul, MN 55114-1312

December 27, 2005

Work Order #: 0506400

RE: 05500

Dear Mr. Bill Flynn

Braun Intertec Corporation received samples for the project identified above on 12/05/05 14:14. Analytical results are summarized in the following report.

All routine quality assurance procedures were followed, unless otherwise noted.

Analytical results are reported on an "as received" basis unless otherwise noted. Where possible, the samples will be retained by the laboratory for 14 days following issuance of the initial final report. The samples will be disposed of or returned at that time. Arrangements can be made for extended storage by contacting me at this time.

We appreciate your decision to use Braun Intertec Corporation for this project. We are committed to being your vendor of choice to meet your analytical chemistry needs.

If you have any questions please contact me at the above phone number.

Sincerely,

Steven J. Albrecht

Steven J. Albrecht
Associate Principal

Certification/Accreditation Numbers

Minnesota Department of Health: 027-053-117 Wisconsin DNR: 999462640 NVLAP: 1021234-0 AIHA: 101103

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:05500	Work Order #: 0506400
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

How to Use this Report

In order to get the most out of the information presented in this report please refer to the following explanations as to how the data in this report is tied together and how some of the terms are defined.

Qualifiers and Abbreviations are defined in the following section. You will find these codes used throughout the report in headers and in note sections to designate a unique fact about the data to which they are associated.

The Case Narrative gives a "story" about the analysis and results. Here you will find greater elaboration on relevant qualifiers as well as an explanation of anything of particular note in the data. This is a discussion of the data in terms of quality control and chemistry. It is a summary of any deviations that could affect the usefulness of the data. This is not an interpretation as to how this information relates to regulatory compliance, toxicity, or hazardous characterization. These items are beyond the scope of this report.

The Sample Summary provides detail on sample receipt. The association between Client sample ID and the Laboratory sample ID are defined here; this information is valuable to have when discussing results with your project manager. Sample collection and receipt dates and times are provided here as well. General notes regarding the work order are also documented here. This is a mini "case narrative" that describes any anomalies regarding the condition of the samples upon arrival to the laboratory or special circumstances regarding the work order.

The Conditions Upon Receipt summarizes the results of specific checks that have been performed at sample receipt. This includes items like custody documentation, sample condition, and temperature at receipt. Each "cooler" is identified and the conditions associated with that cooler are documented. A "cooler" is defined as the larger container used to transport the individual samples. In most cases this is a standard recreational cooler but it can be a box, plastic bag, or other container.

The laboratory results are summarized in the following sections. Data is broken down into major categories for convenience. An example of such a category would be "Total Petroleum Hydrocarbons." Here you would find data that references the testing of such parameters as diesel range organics and gasoline range organics. Other categories are similarly mapped. The batch number is associated with each sample. This is important to evaluate Quality Control (QC) data. Surrogate results samples are provided with each sample. Laboratory control limits are provided for comparison (see below). The reference method is also identified. If a method is denoted with an "M" (e.g. EPA 1234(M)) this means that it has been modified. An explanation of the modification will be found in the Case Narrative. A result is given with appropriate units. If a soil sample is dry-weight corrected then the word "dry" will appear next to the units. If the word "dry" does not appear then the result is "as received."

The Method Reporting Limit (MRL) and Method Detection Limit (MDL) are provided. It is important to understand these terms. The MRL is a level that has been empirically verified to provide reliable quantitation of results. Results that are equal to or greater than this value will show up as bolded. They are considered "hits." The MDL is a statistically derived number that indicates, with high confidence, that an analyte can be detected above noise level. If a result is less than this value it is marked as "ND" for "Non-Detect." If a result is less than the MRL but greater than the MDL then it is considered an estimate. Such a result is reported with a "J" flag denoting that it has been detected but that the result is an estimate. This is consistent with the *CLP Statement of Work* and the *National Functional Guidelines.*

The Quality Control (QC) samples are documented in the following section. Here you will find the preparation batches associated with each sample from the results section. The sample preparation method is also defined here. Accuracy is represented here in terms of a percent recovery as compared to a known value. Precision is represented as a relative percent difference between two duplicate sample aliquots. The laboratory control limits are provided as a means to evaluate the quality control data. If the result falls outside the laboratory control limits this simply means that it is outside what is typical for the laboratory and is noted accordingly. This does not mean that the data is invalid. Laboratory control limits are generally tighter than most program limits. This is a very important distinction. How the data is ultimately used determines its validity. Program requirements are defined in the Quality Assurance Project Plan (QAPP) governing the project. If your project manager is aware of your specific program requirements then a note will be made in the case narrative if the data fails to meet any of these requirements.

The last section contains copies of important documents and/or instrument printouts relavent to the report. This includes the chain of custody. It also may include items like chromatograms or spectra.

Please note that this report is paginated and must be reproduced in its entirety.

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
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Service Engineering Group	Client Ref:05500	Work Order #: 0506400
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Qualifiers and Abbreviations

vfa	The method reporting limit (MRL) was raised for one or more analytes; a dilution of the sample was necessary due to high analyte levels and/or matrix interferences.
ts	This analysis was performed by a subcontract laboratory.
J	Detected but below the Method Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
go	The laboratory control sample recovery is outside of laboratory control limits.
COC	Chain of Custody
dry	Sample results reported on a dry weight basis
MDL	Method Detection Limit
MRL	Method Reporting Limit
NA	Not Applicable
ND	Analyte NOT DETECTED
NR	Not Reported
%Rec	Percent Recovery
RPD	Relative Percent Difference
VOC	Volatile Organic Compound

BRAUN INTERTEC

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Case Narrative

The Mercury matrix spike recoveries were not detected due to high background levels of Mercury in the samples.

We were unable to analyze a matrix spike for the volatile compounds due to high levels of background compounds in the sample.

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BRAUN INTERTEC

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675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

SAMPLE SUMMARY

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
70015-IN-PR	0506400-01	Soil	12/05/05 09:25	12/05/05 14:14

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Service Engineering Group	Client Ref:05500	Work Order #: 0506400
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Conditions Upon Receipt

Cooler: Cooler #1

Temperature:	10.0 °C	**Received on Ice:**	No	**Preservation Confirmed:**	No
COC Included:	Yes	**Hand Delivered by Sampler:**	Yes	**Temperature Blank:**	No
Custody Seals Used:	No	**Sufficient Sample Provided:**	Yes	**COC Complete:**	Yes
Custody Seals Intact:	No	**Headspace Present (VOC):**	No	**COC & Labels Agree:**	Yes

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Bloomington, MN 55438
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Service Engineering Group	Client Ref:05500	Work Order #: 0506400
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-IN-PR

0506400-01 (Soil)

12/5/05 9:25

Classical Chemistry Parameters

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
% Solids	**50**			% Wt	B5L0191	12/12/05	12/13/05	ASTM D2216	
Total Organic Carbon	**39400**	1000	1000	mg/kg	B5L0388	12/15/05	12/15/05	EPA 9060	ts

Metals

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Mercury	**38**	3.4	0.15	mg/kg dry	B5L0188	12/12/05	12/13/05	EPA 7471A	

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,2,4-Trichlorobenzene	**8.4**	0.27	0.040	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
1,2-Dichlorobenzene	**14**	2.7	0.20	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
1,2-Diphenylhydrazine	ND	0.27	0.024	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
1,3-Dichlorobenzene	**5.2**	0.27	0.032	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
1,4-Dichlorobenzene	**49**	2.7	0.40	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
2,4,5-Trichlorophenol	ND	0.27	0.076	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
2,4,6-Trichlorophenol	ND	0.27	0.068	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
2,4-Dichlorophenol	ND	0.27	0.076	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
2,4-Dimethylphenol	ND	0.68	0.23	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
2,4-Dinitrophenol	ND	0.68	0.072	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
2,4-Dinitrotoluene	ND	0.27	0.028	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
2,6-Dinitrotoluene	ND	0.27	0.024	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
2-Chloronaphthalene	ND	0.27	0.028	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
2-Chlorophenol	ND	0.27	0.072	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
2-Methylnaphthalene	**29**	2.7	0.92	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
2-Methylphenol	ND	0.68	0.068	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
2-Nitroaniline	ND	0.27	0.072	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
2-Nitrophenol	ND	0.27	0.076	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
3,3-Dichlorobenzidine	ND	1.3	0.068	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
3-/4-Methylphenol	ND	0.68	0.084	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
3-Nitroaniline	ND	0.68	0.072	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
4,6-Dinitro-2-methylphenol	ND	0.68	0.040	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506400
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-IN-PR

0506400-01 (Soil)

12/5/05 9:25

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
4-Bromophenyl phenyl ether	ND	0.27	0.040	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
4-Chloro-3-methylphenol	ND	0.27	0.088	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
4-Chloroaniline	ND	0.68	0.072	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	0.27	0.044	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
4-Nitroaniline	ND	0.27	0.060	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
4-Nitrophenol	ND	0.27	0.084	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Acenaphthene	**16**	2.7	0.40	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Acenaphthylene	**1.7**	0.27	0.028	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Aniline	ND	0.68	0.17	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Anthracene	**9.2**	0.27	0.040	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Benz(a)anthracene	**4.4**	0.27	0.040	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Benzo(a)pyrene	**2.5**	0.27	0.032	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Benzo(b)fluoranthene	**2.2**	0.27	0.068	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Benzo(g,h,i)perylene	**0.64**	0.27	0.024	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Benzo(k)fluoranthene	**2.3**	0.27	0.056	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Benzyl alcohol	ND	0.27	0.11	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
bis(2-Chloroethoxy)methane	ND	0.27	0.044	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Bis(2-Chloroethyl)ether	ND	0.27	0.048	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Bis(2-chloroisopropyl)ether	ND	0.27	0.056	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Bis(2-Ethylhexyl)phthalate	ND	1.3	0.036	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Butyl benzyl phthalate	ND	0.27	0.032	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Carbazole	**3.1**	0.27	0.060	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Chrysene	**4.9**	0.27	0.040	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Dibenz(a,h)anthracene	**0.29**	0.27	0.084	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Dibenzofuran	**12**	0.27	0.052	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Diethylphthalate	ND	0.27	0.044	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Dimethyl phthalate	ND	0.27	0.044	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Di-n-butyl phthalate	ND	1.3	0.056	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Di-n-octyl phthalate	ND	0.27	0.040	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Fluoranthene	**19**	2.7	0.28	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	

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12/5/05 9:25

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Fluorene	**100**	2.7	0.16	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Hexachlorobenzene	ND	0.27	0.036	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Hexachlorobutadiene	ND	0.27	0.024	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Hexachlorocyclopentadiene	ND	0.27	0.036	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Hexachloroethane	ND	0.27	0.036	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Indeno(1,2,3-cd)pyrene	**0.69**	0.27	0.036	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Isophorone	ND	0.27	0.040	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Naphthalene	**130**	2.7	0.20	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Nitrobenzene	ND	0.27	0.048	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
N-Nitrosodimethylamine	ND	0.27	0.084	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
N-Nitrosodi-n-propylamine	ND	0.27	0.048	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
N-Nitrosodiphenylamine	ND	0.27	0.028	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Pentachlorophenol	ND	0.68	0.076	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Phenanthrene	**38**	2.7	0.32	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Phenol	ND	0.27	0.072	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Pyrene	**13**	2.7	0.40	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Pyridine	ND	0.27	0.16	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Surrogate: 2,4,6-Tribromophenol	*74.1 %*	*Limits: 30-150%*			*B5L0115*	*12/7/05*	*12/9/05*	*EPA 8270C*	
Surrogate: 2-Fluorobiphenyl	*66.0 %*	*Limits: 30-104%*			*B5L0115*	*12/7/05*	*12/9/05*	*EPA 8270C*	
Surrogate: 2-Fluorophenol	*54.4 %*	*Limits: 30-106%*			*B5L0115*	*12/7/05*	*12/9/05*	*EPA 8270C*	
Surrogate: Nitrobenzene-d5	*56.0 %*	*Limits: 30-90%*			*B5L0115*	*12/7/05*	*12/9/05*	*EPA 8270C*	
Surrogate: Phenol-d6	*61.0 %*	*Limits: 30-102%*			*B5L0115*	*12/7/05*	*12/9/05*	*EPA 8270C*	
Surrogate: Terphenyl-d14	*67.5 %*	*Limits: 30-115%*			*B5L0115*	*12/7/05*	*12/9/05*	*EPA 8270C*	

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,1,2-Tetrachloroethane	ND	0.50	0.071	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	go, vfa
1,1,1-Trichloroethane	ND	0.50	0.030	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	vfa

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12/5/05 9:25

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,2,2-Tetrachloroethane	ND	0.50	0.12	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	vfa
1,1,2-Trichloroethane	ND	0.50	0.10	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	vfa
1,1,2-Trichlorotrifluoroethane	ND	0.50	0.058	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	vfa
1,1-Dichloroethane	ND	0.50	0.027	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	vfa
1,1-Dichloroethene	ND	0.50	0.043	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	vfa
1,1-Dichloropropene	ND	0.50	0.037	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	vfa
1,2,3-Trichlorobenzene	ND	0.50	0.055	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	vfa
1,2,3-Trichloropropane	ND	0.50	0.15	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	vfa
1,2,4-Trichlorobenzene	**2.5**	0.50	0.072	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	vfa
1,2,4-Trimethylbenzene	**2.7**	0.50	0.035	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	vfa
1,2-Dibromo-3-chloropropane	ND	0.50	0.20	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	vfa
1,2-Dibromoethane	ND	0.50	0.032	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	vfa
1,2-Dichlorobenzene	**5.5**	0.50	0.059	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	vfa
1,2-Dichloroethane	ND	0.50	0.027	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	vfa
1,2-Dichloropropane	ND	0.50	0.025	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	vfa
1,3,5-Trimethylbenzene	**1.9**	0.50	0.049	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	vfa
1,3-Dichlorobenzene	**1.7**	0.50	0.042	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	vfa
1,3-Dichloropropane	ND	0.50	0.063	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	vfa
1,4-Dichlorobenzene	**17**	0.50	0.060	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	vfa
2,2-Dichloropropane	ND	0.50	0.052	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	vfa
2-Butanone (MEK)	ND	5.0	0.66	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	vfa
2-Chlorotoluene	ND	0.50	0.097	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	vfa
4-Chlorotoluene	ND	0.50	0.066	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	vfa
4-Isopropyltoluene	**0.60**	0.50	0.029	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	vfa
Acetone	ND	10	0.77	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	vfa
Allyl Chloride	ND	0.50	0.13	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	vfa
Benzene	**0.78**	0.50	0.022	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	vfa
Bromobenzene	ND	0.50	0.074	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	vfa
Bromochloromethane	ND	0.50	0.11	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	vfa

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0506400-01 (Soil)

12/5/05 9:25

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Bromodichloromethane	ND	0.50	0.053	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	vfa
Bromoform	ND	2.5	0.064	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	vfa
Bromomethane	ND	0.50	0.068	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	vfa
Carbon Tetrachloride	ND	0.50	0.028	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	vfa
Chlorobenzene	**9.7**	0.50	0.021	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	vfa
Chlorodibromomethane	ND	0.50	0.015	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	go, vfa
Chloroethane	ND	0.50	0.056	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	vfa
Chloroform	ND	0.50	0.058	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	vfa
Chloromethane	ND	0.50	0.10	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	vfa
cis-1,2-Dichloroethene	ND	0.50	0.052	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	vfa
cis-1,3-Dichloropropene	ND	0.50	0.020	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	vfa
Dibromomethane	ND	0.50	0.10	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	vfa
Dichlorodifluoromethane	ND	0.50	0.063	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	go, vfa
Dichlorofluoromethane	ND	0.50	0.052	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	vfa
Ethyl Ether	ND	0.50	0.15	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	vfa
Ethylbenzene	**0.66**	0.50	0.053	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	vfa
Hexachlorobutadiene	ND	1.0	0.12	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	vfa
Isopropylbenzene	**1.0**	0.50	0.032	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	vfa
m,p-Xylenes	**4.0**	0.50	0.063	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	vfa
Methyl Isobutyl Ketone	ND	2.5	0.21	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	vfa
Methylene chloride	ND	2.5	0.32	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	vfa
Methyl-t-butyl ether	ND	0.50	0.060	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	vfa
Naphthalene	**50**	0.50	0.050	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	vfa
n-Butylbenzene	ND	0.50	0.061	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	vfa
n-Propylbenzene	ND	0.50	0.052	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	vfa
o-Xylene	**1.2**	0.50	0.070	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	vfa
sec-Butylbenzene	**4.6**	0.50	0.021	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	vfa
Styrene	ND	0.50	0.023	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	vfa
tert-Butylbenzene	ND	0.50	0.051	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	vfa

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Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Tetrachloroethene	ND	1.0	0.095	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	vfa
Tetrahydrofuran	ND	2.5	0.58	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	go, vfa
Toluene	**1.5**	0.50	0.086	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	vfa
trans-1,2-Dichloroethene	ND	0.50	0.068	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	vfa
trans-1,3-Dichloropropene	ND	0.50	0.059	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	vfa
Trichloroethene	ND	0.50	0.037	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	vfa
Trichlorofluoromethane	ND	0.50	0.095	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	vfa
Vinyl chloride	ND	0.50	0.12	mg/kg dry	B5L0195	12/9/05	12/10/05	EPA 8260B	vfa
Surrogate: 1,2-Dichloroethane-d4	*92.8 %*	*Limits: 81-127%*			*B5L0195*	*12/9/05*	*12/10/05*	*EPA 8260B*	*vfa*
Surrogate: 4-Bromofluorobenzene	*112 %*	*Limits: 74-117%*			*B5L0195*	*12/9/05*	*12/10/05*	*EPA 8260B*	*vfa*
Surrogate: Dibromofluoromethane	*106 %*	*Limits: 79-127%*			*B5L0195*	*12/9/05*	*12/10/05*	*EPA 8260B*	*vfa*
Surrogate: Toluene-d8	*105 %*	*Limits: 82-115%*			*B5L0195*	*12/9/05*	*12/10/05*	*EPA 8260B*	*vfa*

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Classical Chemistry Parameters - Quality Control

Batch B5L0191 - % Solids

Method Blank (B5L0191-BLK1) Prepared: 12/12/05 Analyzed: 12/13/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
% Solids	ND			% Wt	NA	NA	NA	NA	NA	NA	

Duplicate (B5L0191-DUP1) **Source: 0506400-01** Prepared: 12/12/05 Analyzed: 12/13/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
% Solids	50.5			% Wt	NA	50	NA	NA	0.995	20	

Standard Reference Material (B5L0191-SRM1) Prepared: 12/12/05 Analyzed: 12/13/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
% Solids	90.7			% Wt	88.8	NA	102	90-110	NA	NA	

Batch B5L0388 - NO PREP

Duplicate (B5L0388-DUP1) **Source: 0506400-01** Prepared & Analyzed: 12/15/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Organic Carbon	66300	1000	1000	mg/kg	NA	39400	NA	NA	50.9	200	ts

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11001 Hampshire Ave. S.
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Service Engineering Group	Client Ref:05500	Work Order #: 0506400
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Metals - Quality Control

Batch B5L0188 - EPA 7471A

Method Blank (B5L0188-BLK1) Prepared: 12/12/05 Analyzed: 12/13/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	ND	0.020	0.00090	mg/kg	NA	NA	NA	NA	NA	NA	

Laboratory Control Sample (B5L0188-BS1) Prepared: 12/12/05 Analyzed: 12/13/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.257	0.020	0.00090	mg/kg	0.250	NA	103	85-115	NA	NA	

Laboratory Control Sample Duplicate (B5L0188-BSD1) Prepared: 12/12/05 Analyzed: 12/13/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.260	0.020	0.00090	mg/kg	0.250	NA	104	85-115	1.16	20	

Matrix Spike (B5L0188-MS1) **Source: 0506400-01** Prepared: 12/12/05 Analyzed: 12/13/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	44.9	4.0	0.18	mg/kg dry	0.497	38	NR	75-125	NA	NA	

Matrix Spike Duplicate (B5L0188-MSD1) **Source: 0506400-01** Prepared: 12/12/05 Analyzed: 12/13/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	42.0	3.0	0.14	mg/kg dry	0.375	38	NR	75-125	6.67	20	

Standard Reference Material (B5L0188-SRM1) Prepared: 12/12/05 Analyzed: 12/13/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.71	0.19	0.0088	mg/kg	5.82	NA	98.1	68-132	NA	NA	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5L0115 - EPA 3545

Method Blank (B5L0115-BLK1) Prepared: 12/07/05 Analyzed: 12/09/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	ND	0.067	0.0050	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Diphenylhydrazine	ND	0.067	0.0060	mg/kg	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	ND	0.067	0.0080	mg/kg	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
2,4,5-Trichlorophenol	ND	0.067	0.019	mg/kg	NA	NA	NA	NA	NA	NA	
2,4,6-Trichlorophenol	ND	0.067	0.017	mg/kg	NA	NA	NA	NA	NA	NA	
2,4-Dichlorophenol	ND	0.067	0.019	mg/kg	NA	NA	NA	NA	NA	NA	
2,4-Dimethylphenol	ND	0.17	0.059	mg/kg	NA	NA	NA	NA	NA	NA	
2,4-Dinitrophenol	ND	0.17	0.018	mg/kg	NA	NA	NA	NA	NA	NA	
2,4-Dinitrotoluene	ND	0.067	0.0070	mg/kg	NA	NA	NA	NA	NA	NA	
2,6-Dinitrotoluene	ND	0.067	0.0060	mg/kg	NA	NA	NA	NA	NA	NA	
2-Chloronaphthalene	ND	0.067	0.0070	mg/kg	NA	NA	NA	NA	NA	NA	
2-Chlorophenol	ND	0.067	0.018	mg/kg	NA	NA	NA	NA	NA	NA	
2-Methylnaphthalene	ND	0.067	0.023	mg/kg	NA	NA	NA	NA	NA	NA	
2-Methylphenol	ND	0.17	0.017	mg/kg	NA	NA	NA	NA	NA	NA	
2-Nitroaniline	ND	0.067	0.018	mg/kg	NA	NA	NA	NA	NA	NA	
2-Nitrophenol	ND	0.067	0.019	mg/kg	NA	NA	NA	NA	NA	NA	
3,3-Dichlorobenzidine	ND	0.33	0.017	mg/kg	NA	NA	NA	NA	NA	NA	
3-/4-Methylphenol	ND	0.17	0.021	mg/kg	NA	NA	NA	NA	NA	NA	
3-Nitroaniline	ND	0.17	0.018	mg/kg	NA	NA	NA	NA	NA	NA	
4,6-Dinitro-2-methylphenol	ND	0.17	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
4-Bromophenyl phenyl ether	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
4-Chloro-3-methylphenol	ND	0.067	0.022	mg/kg	NA	NA	NA	NA	NA	NA	
4-Chloroaniline	ND	0.17	0.018	mg/kg	NA	NA	NA	NA	NA	NA	
4-Chlorophenyl phenyl ether	ND	0.067	0.011	mg/kg	NA	NA	NA	NA	NA	NA	
4-Nitroaniline	ND	0.067	0.015	mg/kg	NA	NA	NA	NA	NA	NA	
4-Nitrophenol	ND	0.067	0.021	mg/kg	NA	NA	NA	NA	NA	NA	
Acenaphthene	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Acenaphthylene	ND	0.067	0.0070	mg/kg	NA	NA	NA	NA	NA	NA	
Aniline	ND	0.17	0.042	mg/kg	NA	NA	NA	NA	NA	NA	
Anthracene	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Benz(a)anthracene	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Benzo(a)pyrene	ND	0.067	0.0080	mg/kg	NA	NA	NA	NA	NA	NA	
Benzo(b)fluoranthene	ND	0.067	0.017	mg/kg	NA	NA	NA	NA	NA	NA	
Benzo(g,h,i)perylene	ND	0.067	0.0060	mg/kg	NA	NA	NA	NA	NA	NA	
Benzo(k)fluoranthene	ND	0.067	0.014	mg/kg	NA	NA	NA	NA	NA	NA	
Benzyl alcohol	ND	0.067	0.027	mg/kg	NA	NA	NA	NA	NA	NA	
bis(2-Chloroethoxy)methane	ND	0.067	0.011	mg/kg	NA	NA	NA	NA	NA	NA	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5L0115 - EPA 3545

Method Blank (B5L0115-BLK1) Prepared: 12/07/05 Analyzed: 12/09/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Bis(2-Chloroethyl)ether	ND	0.067	0.012	mg/kg	NA	NA	NA	NA	NA	NA	
Bis(2-chloroisopropyl)ether	ND	0.067	0.014	mg/kg	NA	NA	NA	NA	NA	NA	
Bis(2-Ethylhexyl)phthalate	ND	0.33	0.0090	mg/kg	NA	NA	NA	NA	NA	NA	
Butyl benzyl phthalate	ND	0.067	0.0080	mg/kg	NA	NA	NA	NA	NA	NA	
Carbazole	ND	0.067	0.015	mg/kg	NA	NA	NA	NA	NA	NA	
Chrysene	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Dibenz(a,h)anthracene	ND	0.067	0.021	mg/kg	NA	NA	NA	NA	NA	NA	
Dibenzofuran	ND	0.067	0.013	mg/kg	NA	NA	NA	NA	NA	NA	
Diethylphthalate	ND	0.067	0.011	mg/kg	NA	NA	NA	NA	NA	NA	
Dimethyl phthalate	ND	0.067	0.011	mg/kg	NA	NA	NA	NA	NA	NA	
Di-n-butyl phthalate	ND	0.33	0.014	mg/kg	NA	NA	NA	NA	NA	NA	
Di-n-octyl phthalate	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Fluoranthene	ND	0.067	0.0070	mg/kg	NA	NA	NA	NA	NA	NA	
Fluorene	ND	0.067	0.0040	mg/kg	NA	NA	NA	NA	NA	NA	
Hexachlorobenzene	ND	0.067	0.0090	mg/kg	NA	NA	NA	NA	NA	NA	
Hexachlorobutadiene	ND	0.067	0.0060	mg/kg	NA	NA	NA	NA	NA	NA	
Hexachlorocyclopentadiene	ND	0.067	0.0090	mg/kg	NA	NA	NA	NA	NA	NA	
Hexachloroethane	ND	0.067	0.0090	mg/kg	NA	NA	NA	NA	NA	NA	
Indeno(1,2,3-cd)pyrene	ND	0.067	0.0090	mg/kg	NA	NA	NA	NA	NA	NA	
Isophorone	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Naphthalene	ND	0.067	0.0050	mg/kg	NA	NA	NA	NA	NA	NA	
Nitrobenzene	ND	0.067	0.012	mg/kg	NA	NA	NA	NA	NA	NA	
N-Nitrosodimethylamine	ND	0.067	0.021	mg/kg	NA	NA	NA	NA	NA	NA	
N-Nitrosodi-n-propylamine	ND	0.067	0.012	mg/kg	NA	NA	NA	NA	NA	NA	
N-Nitrosodiphenylamine	ND	0.067	0.0070	mg/kg	NA	NA	NA	NA	NA	NA	
Pentachlorophenol	ND	0.17	0.019	mg/kg	NA	NA	NA	NA	NA	NA	
Phenanthrene	ND	0.067	0.0080	mg/kg	NA	NA	NA	NA	NA	NA	
Phenol	ND	0.067	0.018	mg/kg	NA	NA	NA	NA	NA	NA	
Pyrene	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Pyridine	ND	0.067	0.039	mg/kg	NA	NA	NA	NA	NA	NA	
Surrogate: 2,4,6-Tribromophenol	*0.670*			mg/kg	*1.67*	*NA*	*40.1*	*30-150*			
Surrogate: 2-Fluorobiphenyl	*0.664*			mg/kg	*0.833*	*NA*	*79.7*	*30-104*			
Surrogate: 2-Fluorophenol	*1.10*			mg/kg	*1.67*	*NA*	*65.9*	*30-106*			
Surrogate: Nitrobenzene-d5	*0.551*			mg/kg	*0.833*	*NA*	*66.1*	*30-90*			
Surrogate: Phenol-d6	*1.13*			mg/kg	*1.67*	*NA*	*67.7*	*30-102*			
Surrogate: Terphenyl-d14	*0.718*			mg/kg	*0.833*	*NA*	*86.2*	*30-115*			

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5L0115 - EPA 3545

Laboratory Control Sample (B5L0115-BS1) Prepared: 12/07/05 Analyzed: 12/09/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	1.28	0.067	0.010	mg/kg	1.67	NA	76.6	55-115	NA	NA	
1,4-Dichlorobenzene	1.30	0.067	0.010	mg/kg	1.67	NA	77.8	55-115	NA	NA	
2,4-Dinitrotoluene	1.53	0.067	0.0070	mg/kg	1.67	NA	91.6	60-130	NA	NA	
2-Chlorophenol	1.38	0.067	0.018	mg/kg	1.67	NA	82.6	55-115	NA	NA	
4-Chloro-3-methylphenol	1.42	0.067	0.022	mg/kg	1.67	NA	85.0	55-115	NA	NA	
4-Nitrophenol	1.40	0.067	0.021	mg/kg	1.67	NA	83.8	45-130	NA	NA	
Acenaphthene	1.44	0.067	0.010	mg/kg	1.67	NA	86.2	50-115	NA	NA	
N-Nitrosodi-n-propylamine	1.40	0.067	0.012	mg/kg	1.67	NA	83.8	65-115	NA	NA	
Pentachlorophenol	0.848	0.17	0.019	mg/kg	1.67	NA	50.8	30-130	NA	NA	
Phenol	1.46	0.067	0.018	mg/kg	1.67	NA	87.4	55-115	NA	NA	
Pyrene	1.60	0.067	0.010	mg/kg	1.67	NA	95.8	50-130	NA	NA	
Surrogate: 2,4,6-Tribromophenol	*1.47*			mg/kg	*1.67*	*NA*	*88.0*	*30-150*			
Surrogate: 2-Fluorobiphenyl	*0.693*			mg/kg	*0.833*	*NA*	*83.2*	*30-104*			
Surrogate: 2-Fluorophenol	*1.19*			mg/kg	*1.67*	*NA*	*71.3*	*30-106*			
Surrogate: Nitrobenzene-d5	*0.593*			mg/kg	*0.833*	*NA*	*71.2*	*30-90*			
Surrogate: Phenol-d6	*1.30*			mg/kg	*1.67*	*NA*	*77.8*	*30-102*			
Surrogate: Terphenyl-d14	*0.748*			mg/kg	*0.833*	*NA*	*89.8*	*30-115*			

Laboratory Control Sample Duplicate (B5L0115-BSD1) Prepared: 12/07/05 Analyzed: 12/09/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	1.28	0.067	0.010	mg/kg	1.67	NA	76.6	55-115	0.00	25	
1,4-Dichlorobenzene	1.28	0.067	0.010	mg/kg	1.67	NA	76.6	55-115	1.55	25	
2,4-Dinitrotoluene	1.48	0.067	0.0070	mg/kg	1.67	NA	88.6	60-130	3.32	25	
2-Chlorophenol	1.39	0.067	0.018	mg/kg	1.67	NA	83.2	55-115	0.722	25	
4-Chloro-3-methylphenol	1.37	0.067	0.022	mg/kg	1.67	NA	82.0	55-115	3.58	25	
4-Nitrophenol	1.37	0.067	0.021	mg/kg	1.67	NA	82.0	45-130	2.17	30	
Acenaphthene	1.43	0.067	0.010	mg/kg	1.67	NA	85.6	50-115	0.697	25	
N-Nitrosodi-n-propylamine	1.40	0.067	0.012	mg/kg	1.67	NA	83.8	65-115	0.00	25	
Pentachlorophenol	0.746	0.17	0.019	mg/kg	1.67	NA	44.7	30-130	12.8	30	
Phenol	1.43	0.067	0.018	mg/kg	1.67	NA	85.6	55-115	2.08	25	
Pyrene	1.62	0.067	0.010	mg/kg	1.67	NA	97.0	50-130	1.24	25	
Surrogate: 2,4,6-Tribromophenol	*1.42*			mg/kg	*1.67*	*NA*	*85.0*	*30-150*			
Surrogate: 2-Fluorobiphenyl	*0.684*			mg/kg	*0.833*	*NA*	*82.1*	*30-104*			
Surrogate: 2-Fluorophenol	*1.13*			mg/kg	*1.67*	*NA*	*67.7*	*30-106*			
Surrogate: Nitrobenzene-d5	*0.591*			mg/kg	*0.833*	*NA*	*70.9*	*30-90*			
Surrogate: Phenol-d6	*1.30*			mg/kg	*1.67*	*NA*	*77.8*	*30-102*			
Surrogate: Terphenyl-d14	*0.747*			mg/kg	*0.833*	*NA*	*89.7*	*30-115*			

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5L0115 - EPA 3545

Matrix Spike (B5L0115-MS1) **Source: 0506400-01** Prepared: 12/07/05 Analyzed: 12/09/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	14.5	0.27	0.040	mg/kg dry	6.63	8.4	92.0	30-110	NA	NA	
1,4-Dichlorobenzene	63.3	0.27	0.040	mg/kg dry	6.63	49	216	30-110	NA	NA	
2,4-Dinitrotoluene	6.74	0.27	0.028	mg/kg dry	6.63	ND	102	30-130	NA	NA	
2-Chlorophenol	5.31	0.27	0.072	mg/kg dry	6.63	ND	80.1	35-110	NA	NA	
4-Chloro-3-methylphenol	5.09	0.27	0.087	mg/kg dry	6.63	ND	76.8	40-110	NA	NA	
4-Nitrophenol	8.97	0.27	0.084	mg/kg dry	6.63	ND	135	30-120	NA	NA	
Acenaphthene	41.7	0.27	0.040	mg/kg dry	6.63	16	388	30-115	NA	NA	
N-Nitrosodi-n-propylamine	5.46	0.27	0.048	mg/kg dry	6.63	ND	82.4	35-115	NA	NA	
Pentachlorophenol	3.89	0.68	0.076	mg/kg dry	6.63	ND	58.7	30-130	NA	NA	
Phenol	6.39	0.27	0.072	mg/kg dry	6.63	ND	96.4	30-115	NA	NA	
Pyrene	19.9	0.27	0.040	mg/kg dry	6.63	13	104	30-130	NA	NA	
Surrogate: 2,4,6-Tribromophenol	*7.32*			mg/kg dry	*6.63*	*NA*	*110*	*30-150*			
Surrogate: 2-Fluorobiphenyl	*3.17*			mg/kg dry	*3.31*	*NA*	*95.8*	*30-104*			
Surrogate: 2-Fluorophenol	*4.23*			mg/kg dry	*6.63*	*NA*	*63.8*	*30-106*			
Surrogate: Nitrobenzene-d5	*2.11*			mg/kg dry	*3.31*	*NA*	*63.7*	*30-90*			
Surrogate: Phenol-d6	*4.74*			mg/kg dry	*6.63*	*NA*	*71.5*	*30-102*			
Surrogate: Terphenyl-d14	*2.51*			mg/kg dry	*3.31*	*NA*	*75.8*	*30-115*			

Matrix Spike Duplicate (B5L0115-MSD1) **Source: 0506400-01** Prepared: 12/07/05 Analyzed: 12/09/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	13.9	0.27	0.040	mg/kg dry	6.65	8.4	82.7	30-110	4.23	30	
1,4-Dichlorobenzene	61.4	0.27	0.040	mg/kg dry	6.65	49	186	30-110	3.05	30	
2,4-Dinitrotoluene	6.45	0.27	0.028	mg/kg dry	6.65	ND	97.0	30-130	4.40	35	
2-Chlorophenol	5.31	0.27	0.072	mg/kg dry	6.65	ND	79.8	35-110	0.00	25	
4-Chloro-3-methylphenol	4.94	0.27	0.088	mg/kg dry	6.65	ND	74.3	40-110	2.99	30	
4-Nitrophenol	8.86	0.27	0.084	mg/kg dry	6.65	ND	133	30-120	1.23	30	
Acenaphthene	43.4	0.27	0.040	mg/kg dry	6.65	16	412	30-115	4.00	30	
N-Nitrosodi-n-propylamine	5.47	0.27	0.048	mg/kg dry	6.65	ND	82.3	35-115	0.183	30	
Pentachlorophenol	4.11	0.68	0.076	mg/kg dry	6.65	ND	61.8	30-130	5.50	30	
Phenol	6.27	0.27	0.072	mg/kg dry	6.65	ND	94.3	30-115	1.90	25	
Pyrene	19.9	0.27	0.040	mg/kg dry	6.65	13	104	30-130	0.00	35	
Surrogate: 2,4,6-Tribromophenol	*7.79*			mg/kg dry	*6.65*	*NA*	*117*	*30-150*			
Surrogate: 2-Fluorobiphenyl	*3.41*			mg/kg dry	*3.33*	*NA*	*102*	*30-104*			
Surrogate: 2-Fluorophenol	*4.51*			mg/kg dry	*6.65*	*NA*	*67.8*	*30-106*			
Surrogate: Nitrobenzene-d5	*2.23*			mg/kg dry	*3.33*	*NA*	*67.0*	*30-90*			
Surrogate: Phenol-d6	*4.75*			mg/kg dry	*6.65*	*NA*	*71.4*	*30-102*			
Surrogate: Terphenyl-d14	*2.51*			mg/kg dry	*3.33*	*NA*	*75.4*	*30-115*			

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Service Engineering Group	Client Ref:05500	Work Order #: 0506400
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0195 - EPA 5035

Method Blank (B5L0195-BLK1) Prepared & Analyzed: 12/09/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	ND	0.050	0.0071	mg/kg	NA	NA	NA	NA	NA	NA	
1,1,1-Trichloroethane	ND	0.050	0.0030	mg/kg	NA	NA	NA	NA	NA	NA	
1,1,2,2-Tetrachloroethane	ND	0.050	0.012	mg/kg	NA	NA	NA	NA	NA	NA	
1,1,2-Trichloroethane	ND	0.050	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
1,1,2-Trichlorotrifluoroethane	ND	0.050	0.0058	mg/kg	NA	NA	NA	NA	NA	NA	
1,1-Dichloroethane	ND	0.050	0.0027	mg/kg	NA	NA	NA	NA	NA	NA	
1,1-Dichloroethene	ND	0.050	0.0043	mg/kg	NA	NA	NA	NA	NA	NA	
1,1-Dichloropropene	ND	0.050	0.0037	mg/kg	NA	NA	NA	NA	NA	NA	
1,2,3-Trichlorobenzene	0.0275 J	0.050	0.0055	mg/kg	NA	NA	NA	NA	NA	NA	
1,2,3-Trichloropropane	ND	0.050	0.015	mg/kg	NA	NA	NA	NA	NA	NA	
1,2,4-Trichlorobenzene	0.0165 J	0.050	0.0072	mg/kg	NA	NA	NA	NA	NA	NA	
1,2,4-Trimethylbenzene	ND	0.050	0.0035	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Dibromo-3-chloropropane	ND	0.050	0.020	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Dibromoethane	ND	0.050	0.0032	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	ND	0.050	0.0059	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Dichloroethane	ND	0.050	0.0027	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Dichloropropane	ND	0.050	0.0025	mg/kg	NA	NA	NA	NA	NA	NA	
1,3,5-Trimethylbenzene	ND	0.050	0.0049	mg/kg	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	ND	0.050	0.0042	mg/kg	NA	NA	NA	NA	NA	NA	
1,3-Dichloropropane	ND	0.050	0.0063	mg/kg	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	ND	0.050	0.0060	mg/kg	NA	NA	NA	NA	NA	NA	
2,2-Dichloropropane	ND	0.050	0.0052	mg/kg	NA	NA	NA	NA	NA	NA	
2-Butanone (MEK)	ND	0.50	0.066	mg/kg	NA	NA	NA	NA	NA	NA	
2-Chlorotoluene	ND	0.050	0.0097	mg/kg	NA	NA	NA	NA	NA	NA	
4-Chlorotoluene	ND	0.050	0.0066	mg/kg	NA	NA	NA	NA	NA	NA	
4-Isopropyltoluene	ND	0.050	0.0029	mg/kg	NA	NA	NA	NA	NA	NA	
Acetone	ND	1.0	0.077	mg/kg	NA	NA	NA	NA	NA	NA	
Allyl Chloride	ND	0.050	0.013	mg/kg	NA	NA	NA	NA	NA	NA	
Benzene	ND	0.050	0.0022	mg/kg	NA	NA	NA	NA	NA	NA	
Bromobenzene	ND	0.050	0.0074	mg/kg	NA	NA	NA	NA	NA	NA	
Bromochloromethane	ND	0.050	0.011	mg/kg	NA	NA	NA	NA	NA	NA	
Bromodichloromethane	ND	0.050	0.0053	mg/kg	NA	NA	NA	NA	NA	NA	
Bromoform	0.0965 J	0.25	0.0064	mg/kg	NA	NA	NA	NA	NA	NA	
Bromomethane	ND	0.050	0.0068	mg/kg	NA	NA	NA	NA	NA	NA	
Carbon Tetrachloride	ND	0.050	0.0028	mg/kg	NA	NA	NA	NA	NA	NA	
Chlorobenzene	ND	0.050	0.0021	mg/kg	NA	NA	NA	NA	NA	NA	
Chlorodibromomethane	ND	0.050	0.0015	mg/kg	NA	NA	NA	NA	NA	NA	
Chloroethane	ND	0.050	0.0056	mg/kg	NA	NA	NA	NA	NA	NA	
Chloroform	ND	0.050	0.0058	mg/kg	NA	NA	NA	NA	NA	NA	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506400
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0195 - EPA 5035

Method Blank (B5L0195-BLK1) Prepared & Analyzed: 12/09/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	ND	0.050	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
cis-1,2-Dichloroethene	ND	0.050	0.0052	mg/kg	NA	NA	NA	NA	NA	NA	
cis-1,3-Dichloropropene	ND	0.050	0.0020	mg/kg	NA	NA	NA	NA	NA	NA	
Dibromomethane	ND	0.050	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Dichlorodifluoromethane	ND	0.050	0.0063	mg/kg	NA	NA	NA	NA	NA	NA	
Dichlorofluoromethane	ND	0.050	0.0052	mg/kg	NA	NA	NA	NA	NA	NA	
Ethyl Ether	ND	0.050	0.015	mg/kg	NA	NA	NA	NA	NA	NA	
Ethylbenzene	ND	0.050	0.0053	mg/kg	NA	NA	NA	NA	NA	NA	
Hexachlorobutadiene	0.0460 J	0.10	0.012	mg/kg	NA	NA	NA	NA	NA	NA	
Isopropylbenzene	ND	0.050	0.0032	mg/kg	NA	NA	NA	NA	NA	NA	
m,p-Xylenes	ND	0.050	0.0063	mg/kg	NA	NA	NA	NA	NA	NA	
Methyl Isobutyl Ketone	ND	0.25	0.021	mg/kg	NA	NA	NA	NA	NA	NA	
Methylene chloride	0.0340 J	0.25	0.032	mg/kg	NA	NA	NA	NA	NA	NA	
Methyl-t-butyl ether	ND	0.050	0.0060	mg/kg	NA	NA	NA	NA	NA	NA	
Naphthalene	0.0110 J	0.050	0.0050	mg/kg	NA	NA	NA	NA	NA	NA	
n-Butylbenzene	ND	0.050	0.0061	mg/kg	NA	NA	NA	NA	NA	NA	
n-Propylbenzene	ND	0.050	0.0052	mg/kg	NA	NA	NA	NA	NA	NA	
o-Xylene	ND	0.050	0.0070	mg/kg	NA	NA	NA	NA	NA	NA	
sec-Butylbenzene	ND	0.050	0.0021	mg/kg	NA	NA	NA	NA	NA	NA	
Styrene	ND	0.050	0.0023	mg/kg	NA	NA	NA	NA	NA	NA	
tert-Butylbenzene	ND	0.050	0.0051	mg/kg	NA	NA	NA	NA	NA	NA	
Tetrachloroethene	ND	0.10	0.0095	mg/kg	NA	NA	NA	NA	NA	NA	
Tetrahydrofuran	ND	0.25	0.058	mg/kg	NA	NA	NA	NA	NA	NA	
Toluene	ND	0.050	0.0086	mg/kg	NA	NA	NA	NA	NA	NA	
trans-1,2-Dichloroethene	ND	0.050	0.0068	mg/kg	NA	NA	NA	NA	NA	NA	
trans-1,3-Dichloropropene	ND	0.050	0.0059	mg/kg	NA	NA	NA	NA	NA	NA	
Trichloroethene	ND	0.050	0.0037	mg/kg	NA	NA	NA	NA	NA	NA	
Trichlorofluoromethane	ND	0.050	0.0095	mg/kg	NA	NA	NA	NA	NA	NA	
Vinyl chloride	0.0125 J	0.050	0.012	mg/kg	NA	NA	NA	NA	NA	NA	
Surrogate: 1,2-Dichloroethane-d4	*23.6*			ug/L	*25.0*	*NA*	*94.4*	*81-127*			
Surrogate: 4-Bromofluorobenzene	*27.4*			ug/L	*25.0*	*NA*	*110*	*74-117*			
Surrogate: Dibromofluoromethane	*26.5*			ug/L	*25.0*	*NA*	*106*	*79-127*			
Surrogate: Toluene-d8	*26.0*			ug/L	*25.0*	*NA*	*104*	*82-115*			

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Service Engineering Group	Client Ref:05500	Work Order #: 0506400
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0195 - EPA 5035

Laboratory Control Sample (B5L0195-BS1) Prepared & Analyzed: 12/09/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	1.53	0.050	0.0071	mg/kg	1.25	NA	122	80-120	NA	NA	
1,1,1-Trichloroethane	1.33	0.050	0.0030	mg/kg	1.25	NA	106	80-120	NA	NA	
1,1,2,2-Tetrachloroethane	1.31	0.050	0.012	mg/kg	1.25	NA	105	80-120	NA	NA	
1,1,2-Trichloroethane	1.28	0.050	0.010	mg/kg	1.25	NA	102	80-120	NA	NA	
1,1,2-Trichlorotrifluoroethane	1.46	0.050	0.0058	mg/kg	1.25	NA	117	80-120	NA	NA	
1,1-Dichloroethane	1.14	0.050	0.0027	mg/kg	1.25	NA	91.2	80-120	NA	NA	
1,1-Dichloroethene	1.33	0.050	0.0043	mg/kg	1.25	NA	106	80-120	NA	NA	
1,1-Dichloropropene	1.18	0.050	0.0037	mg/kg	1.25	NA	94.4	80-120	NA	NA	
1,2,3-Trichlorobenzene	1.44	0.050	0.0055	mg/kg	1.25	NA	115	80-120	NA	NA	
1,2,3-Trichloropropane	1.43	0.050	0.015	mg/kg	1.25	NA	114	80-120	NA	NA	
1,2,4-Trichlorobenzene	1.35	0.050	0.0072	mg/kg	1.25	NA	108	80-120	NA	NA	
1,2,4-Trimethylbenzene	1.21	0.050	0.0035	mg/kg	1.25	NA	96.8	80-120	NA	NA	
1,2-Dibromo-3-chloropropane	1.41	0.050	0.020	mg/kg	1.25	NA	113	80-120	NA	NA	
1,2-Dibromoethane	1.44	0.050	0.0032	mg/kg	1.25	NA	115	80-120	NA	NA	
1,2-Dichlorobenzene	1.25	0.050	0.0059	mg/kg	1.25	NA	100	80-120	NA	NA	
1,2-Dichloroethane	1.20	0.050	0.0027	mg/kg	1.25	NA	96.0	80-120	NA	NA	
1,2-Dichloropropane	1.03	0.050	0.0025	mg/kg	1.25	NA	82.4	80-120	NA	NA	
1,3,5-Trimethylbenzene	1.20	0.050	0.0049	mg/kg	1.25	NA	96.0	80-120	NA	NA	
1,3-Dichlorobenzene	1.26	0.050	0.0042	mg/kg	1.25	NA	101	80-120	NA	NA	
1,3-Dichloropropane	1.25	0.050	0.0063	mg/kg	1.25	NA	100	80-120	NA	NA	
1,4-Dichlorobenzene	1.25	0.050	0.0060	mg/kg	1.25	NA	100	80-120	NA	NA	
2,2-Dichloropropane	1.28	0.050	0.0052	mg/kg	1.25	NA	102	80-120	NA	NA	
2-Butanone (MEK)	1.26	0.50	0.066	mg/kg	1.25	NA	101	80-120	NA	NA	
2-Chlorotoluene	1.21	0.050	0.0097	mg/kg	1.25	NA	96.8	80-120	NA	NA	
4-Chlorotoluene	1.22	0.050	0.0066	mg/kg	1.25	NA	97.6	80-120	NA	NA	
4-Isopropyltoluene	1.28	0.050	0.0029	mg/kg	1.25	NA	102	80-120	NA	NA	
Acetone	1.39	1.0	0.077	mg/kg	1.25	NA	111	80-120	NA	NA	
Allyl Chloride	1.21	0.050	0.013	mg/kg	1.25	NA	96.8	80-120	NA	NA	
Benzene	1.11	0.050	0.0022	mg/kg	1.25	NA	88.8	80-120	NA	NA	
Bromobenzene	1.22	0.050	0.0074	mg/kg	1.25	NA	97.6	80-120	NA	NA	
Bromochloromethane	1.44	0.050	0.011	mg/kg	1.25	NA	115	80-120	NA	NA	
Bromodichloromethane	1.24	0.050	0.0053	mg/kg	1.25	NA	99.2	80-120	NA	NA	
Bromoform	1.42	0.25	0.0064	mg/kg	1.25	NA	114	80-120	NA	NA	
Bromomethane	1.19	0.050	0.0068	mg/kg	1.25	NA	95.2	80-120	NA	NA	
Carbon Tetrachloride	1.35	0.050	0.0028	mg/kg	1.25	NA	108	80-120	NA	NA	
Chlorobenzene	1.44	0.050	0.0021	mg/kg	1.25	NA	115	80-120	NA	NA	
Chlorodibromomethane	1.62	0.050	0.0015	mg/kg	1.25	NA	130	80-120	NA	NA	
Chloroethane	1.26	0.050	0.0056	mg/kg	1.25	NA	101	80-120	NA	NA	
Chloroform	1.27	0.050	0.0058	mg/kg	1.25	NA	102	80-120	NA	NA	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506400
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0195 - EPA 5035

Laboratory Control Sample (B5L0195-BS1) Prepared & Analyzed: 12/09/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	1.01	0.050	0.010	mg/kg	1.25	NA	80.8	80-120	NA	NA	
cis-1,2-Dichloroethene	1.30	0.050	0.0052	mg/kg	1.25	NA	104	80-120	NA	NA	
cis-1,3-Dichloropropene	1.15	0.050	0.0020	mg/kg	1.25	NA	92.0	80-120	NA	NA	
Dibromomethane	1.21	0.050	0.010	mg/kg	1.25	NA	96.8	80-120	NA	NA	
Dichlorodifluoromethane	0.820	0.050	0.0063	mg/kg	1.25	NA	65.6	80-120	NA	NA	
Dichlorofluoromethane	1.33	0.050	0.0052	mg/kg	1.25	NA	106	80-120	NA	NA	
Ethyl Ether	1.24	0.050	0.015	mg/kg	1.25	NA	99.2	80-120	NA	NA	
Ethylbenzene	1.34	0.050	0.0053	mg/kg	1.25	NA	107	80-120	NA	NA	
Hexachlorobutadiene	1.32	0.10	0.012	mg/kg	1.25	NA	106	80-120	NA	NA	
Isopropylbenzene	1.42	0.050	0.0032	mg/kg	1.25	NA	114	80-120	NA	NA	
m,p-Xylenes	2.76	0.050	0.0063	mg/kg	2.50	NA	110	80-120	NA	NA	
Methyl Isobutyl Ketone	1.01	0.25	0.021	mg/kg	1.25	NA	80.8	80-120	NA	NA	
Methylene chloride	1.24	0.25	0.032	mg/kg	1.25	NA	99.2	80-120	NA	NA	
Methyl-t-butyl ether	1.21	0.050	0.0060	mg/kg	1.25	NA	96.8	80-120	NA	NA	
Naphthalene	1.45	0.050	0.0050	mg/kg	1.25	NA	116	80-120	NA	NA	
n-Butylbenzene	1.18	0.050	0.0061	mg/kg	1.25	NA	94.4	80-120	NA	NA	
n-Propylbenzene	1.22	0.050	0.0052	mg/kg	1.25	NA	97.6	80-120	NA	NA	
o-Xylene	1.37	0.050	0.0070	mg/kg	1.25	NA	110	80-120	NA	NA	
sec-Butylbenzene	1.23	0.050	0.0021	mg/kg	1.25	NA	98.4	80-120	NA	NA	
Styrene	1.42	0.050	0.0023	mg/kg	1.25	NA	114	80-120	NA	NA	
tert-Butylbenzene	1.24	0.050	0.0051	mg/kg	1.25	NA	99.2	80-120	NA	NA	
Tetrachloroethene	1.45	0.10	0.0095	mg/kg	1.25	NA	116	80-120	NA	NA	
Tetrahydrofuran	0.967	0.25	0.058	mg/kg	1.25	NA	77.4	80-120	NA	NA	
Toluene	1.26	0.050	0.0086	mg/kg	1.25	NA	101	80-120	NA	NA	
trans-1,2-Dichloroethene	1.27	0.050	0.0068	mg/kg	1.25	NA	102	80-120	NA	NA	
trans-1,3-Dichloropropene	1.21	0.050	0.0059	mg/kg	1.25	NA	96.8	80-120	NA	NA	
Trichloroethene	1.34	0.050	0.0037	mg/kg	1.25	NA	107	80-120	NA	NA	
Trichlorofluoromethane	1.35	0.050	0.0095	mg/kg	1.25	NA	108	80-120	NA	NA	
Vinyl chloride	1.05	0.050	0.012	mg/kg	1.25	NA	84.0	80-120	NA	NA	
Surrogate: 1,2-Dichloroethane-d4	*22.9*			ug/L	*25.0*	*NA*	*91.6*	*81-127*			
Surrogate: 4-Bromofluorobenzene	*29.4*			ug/L	*25.0*	*NA*	*118*	*74-117*			
Surrogate: Dibromofluoromethane	*26.7*			ug/L	*25.0*	*NA*	*107*	*79-127*			
Surrogate: Toluene-d8	*26.3*			ug/L	*25.0*	*NA*	*105*	*82-115*			

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0195 - EPA 5035

Laboratory Control Sample Duplicate (B5L0195-BSD1) Prepared & Analyzed: 12/09/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	1.54	0.050	0.0071	mg/kg	1.25	NA	123	80-120	0.651	20	
1,1,1-Trichloroethane	1.36	0.050	0.0030	mg/kg	1.25	NA	109	80-120	2.23	20	
1,1,2,2-Tetrachloroethane	1.33	0.050	0.012	mg/kg	1.25	NA	106	80-120	1.52	20	
1,1,2-Trichloroethane	1.29	0.050	0.010	mg/kg	1.25	NA	103	80-120	0.778	20	
1,1,2-Trichlorotrifluoroethane	1.49	0.050	0.0058	mg/kg	1.25	NA	119	80-120	2.03	20	
1,1-Dichloroethane	1.22	0.050	0.0027	mg/kg	1.25	NA	97.6	80-120	6.78	20	
1,1-Dichloroethene	1.38	0.050	0.0043	mg/kg	1.25	NA	110	80-120	3.69	20	
1,1-Dichloropropene	1.22	0.050	0.0037	mg/kg	1.25	NA	97.6	80-120	3.33	20	
1,2,3-Trichlorobenzene	1.47	0.050	0.0055	mg/kg	1.25	NA	118	80-120	2.06	20	
1,2,3-Trichloropropane	1.43	0.050	0.015	mg/kg	1.25	NA	114	80-120	0.00	20	
1,2,4-Trichlorobenzene	1.39	0.050	0.0072	mg/kg	1.25	NA	111	80-120	2.92	20	
1,2,4-Trimethylbenzene	1.19	0.050	0.0035	mg/kg	1.25	NA	95.2	80-120	1.67	20	
1,2-Dibromo-3-chloropropane	1.42	0.050	0.020	mg/kg	1.25	NA	114	80-120	0.707	20	
1,2-Dibromoethane	1.45	0.050	0.0032	mg/kg	1.25	NA	116	80-120	0.692	20	
1,2-Dichlorobenzene	1.23	0.050	0.0059	mg/kg	1.25	NA	98.4	80-120	1.61	20	
1,2-Dichloroethane	1.23	0.050	0.0027	mg/kg	1.25	NA	98.4	80-120	2.47	20	
1,2-Dichloropropane	1.03	0.050	0.0025	mg/kg	1.25	NA	82.4	80-120	0.00	20	
1,3,5-Trimethylbenzene	1.18	0.050	0.0049	mg/kg	1.25	NA	94.4	80-120	1.68	20	
1,3-Dichlorobenzene	1.24	0.050	0.0042	mg/kg	1.25	NA	99.2	80-120	1.60	20	
1,3-Dichloropropane	1.26	0.050	0.0063	mg/kg	1.25	NA	101	80-120	0.797	20	
1,4-Dichlorobenzene	1.25	0.050	0.0060	mg/kg	1.25	NA	100	80-120	0.00	20	
2,2-Dichloropropane	1.31	0.050	0.0052	mg/kg	1.25	NA	105	80-120	2.32	20	
2-Butanone (MEK)	1.25	0.50	0.066	mg/kg	1.25	NA	100	80-120	0.797	20	
2-Chlorotoluene	1.19	0.050	0.0097	mg/kg	1.25	NA	95.2	80-120	1.67	20	
4-Chlorotoluene	1.22	0.050	0.0066	mg/kg	1.25	NA	97.6	80-120	0.00	20	
4-Isopropyltoluene	1.28	0.050	0.0029	mg/kg	1.25	NA	102	80-120	0.00	20	
Acetone	1.28	1.0	0.077	mg/kg	1.25	NA	102	80-120	8.24	20	
Allyl Chloride	1.27	0.050	0.013	mg/kg	1.25	NA	102	80-120	4.84	20	
Benzene	1.11	0.050	0.0022	mg/kg	1.25	NA	88.8	80-120	0.00	20	
Bromobenzene	1.19	0.050	0.0074	mg/kg	1.25	NA	95.2	80-120	2.49	20	
Bromochloromethane	1.48	0.050	0.011	mg/kg	1.25	NA	118	80-120	2.74	20	
Bromodichloromethane	1.24	0.050	0.0053	mg/kg	1.25	NA	99.2	80-120	0.00	20	
Bromoform	1.42	0.25	0.0064	mg/kg	1.25	NA	114	80-120	0.00	20	
Bromomethane	1.20	0.050	0.0068	mg/kg	1.25	NA	96.0	80-120	0.837	20	
Carbon Tetrachloride	1.35	0.050	0.0028	mg/kg	1.25	NA	108	80-120	0.00	20	
Chlorobenzene	1.44	0.050	0.0021	mg/kg	1.25	NA	115	80-120	0.00	20	
Chlorodibromomethane	1.61	0.050	0.0015	mg/kg	1.25	NA	129	80-120	0.619	20	
Chloroethane	1.28	0.050	0.0056	mg/kg	1.25	NA	102	80-120	1.57	20	
Chloroform	1.31	0.050	0.0058	mg/kg	1.25	NA	105	80-120	3.10	20	

The results in this report apply only to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:05500	Work Order #: 0506400
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0195 - EPA 5035

Laboratory Control Sample Duplicate (B5L0195-BSD1) Prepared & Analyzed: 12/09/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	1.05	0.050	0.010	mg/kg	1.25	NA	84.0	80-120	3.88	20	
cis-1,2-Dichloroethene	1.36	0.050	0.0052	mg/kg	1.25	NA	109	80-120	4.51	20	
cis-1,3-Dichloropropene	1.16	0.050	0.0020	mg/kg	1.25	NA	92.8	80-120	0.866	20	
Dibromomethane	1.21	0.050	0.010	mg/kg	1.25	NA	96.8	80-120	0.00	20	
Dichlorodifluoromethane	0.832	0.050	0.0063	mg/kg	1.25	NA	66.6	80-120	1.45	20	
Dichlorofluoromethane	1.32	0.050	0.0052	mg/kg	1.25	NA	106	80-120	0.755	20	
Ethyl Ether	1.24	0.050	0.015	mg/kg	1.25	NA	99.2	80-120	0.00	20	
Ethylbenzene	1.36	0.050	0.0053	mg/kg	1.25	NA	109	80-120	1.48	20	
Hexachlorobutadiene	1.33	0.10	0.012	mg/kg	1.25	NA	106	80-120	0.755	20	
Isopropylbenzene	1.44	0.050	0.0032	mg/kg	1.25	NA	115	80-120	1.40	20	
m,p-Xylenes	2.81	0.050	0.0063	mg/kg	2.50	NA	112	80-120	1.80	20	
Methyl Isobutyl Ketone	1.00	0.25	0.021	mg/kg	1.25	NA	80.0	80-120	0.995	20	
Methylene chloride	1.29	0.25	0.032	mg/kg	1.25	NA	103	80-120	3.95	20	
Methyl-t-butyl ether	1.25	0.050	0.0060	mg/kg	1.25	NA	100	80-120	3.25	20	
Naphthalene	1.47	0.050	0.0050	mg/kg	1.25	NA	118	80-120	1.37	20	
n-Butylbenzene	1.17	0.050	0.0061	mg/kg	1.25	NA	93.6	80-120	0.851	20	
n-Propylbenzene	1.21	0.050	0.0052	mg/kg	1.25	NA	96.8	80-120	0.823	20	
o-Xylene	1.39	0.050	0.0070	mg/kg	1.25	NA	111	80-120	1.45	20	
sec-Butylbenzene	1.23	0.050	0.0021	mg/kg	1.25	NA	98.4	80-120	0.00	20	
Styrene	1.44	0.050	0.0023	mg/kg	1.25	NA	115	80-120	1.40	20	
tert-Butylbenzene	1.24	0.050	0.0051	mg/kg	1.25	NA	99.2	80-120	0.00	20	
Tetrachloroethene	1.44	0.10	0.0095	mg/kg	1.25	NA	115	80-120	0.692	20	
Tetrahydrofuran	0.942	0.25	0.058	mg/kg	1.25	NA	75.4	80-120	2.62	20	
Toluene	1.27	0.050	0.0086	mg/kg	1.25	NA	102	80-120	0.791	20	
trans-1,2-Dichloroethene	1.32	0.050	0.0068	mg/kg	1.25	NA	106	80-120	3.86	20	
trans-1,3-Dichloropropene	1.20	0.050	0.0059	mg/kg	1.25	NA	96.0	80-120	0.830	20	
Trichloroethene	1.33	0.050	0.0037	mg/kg	1.25	NA	106	80-120	0.749	20	
Trichlorofluoromethane	1.33	0.050	0.0095	mg/kg	1.25	NA	106	80-120	1.49	20	
Vinyl chloride	1.07	0.050	0.012	mg/kg	1.25	NA	85.6	80-120	1.89	20	
Surrogate: 1,2-Dichloroethane-d4	*23.6*			ug/L	*25.0*	*NA*	*94.4*	*81-127*			
Surrogate: 4-Bromofluorobenzene	*29.2*			ug/L	*25.0*	*NA*	*117*	*74-117*			
Surrogate: Dibromofluoromethane	*27.4*			ug/L	*25.0*	*NA*	*110*	*79-127*			
Surrogate: Toluene-d8	*26.2*			ug/L	*25.0*	*NA*	*105*	*82-115*			

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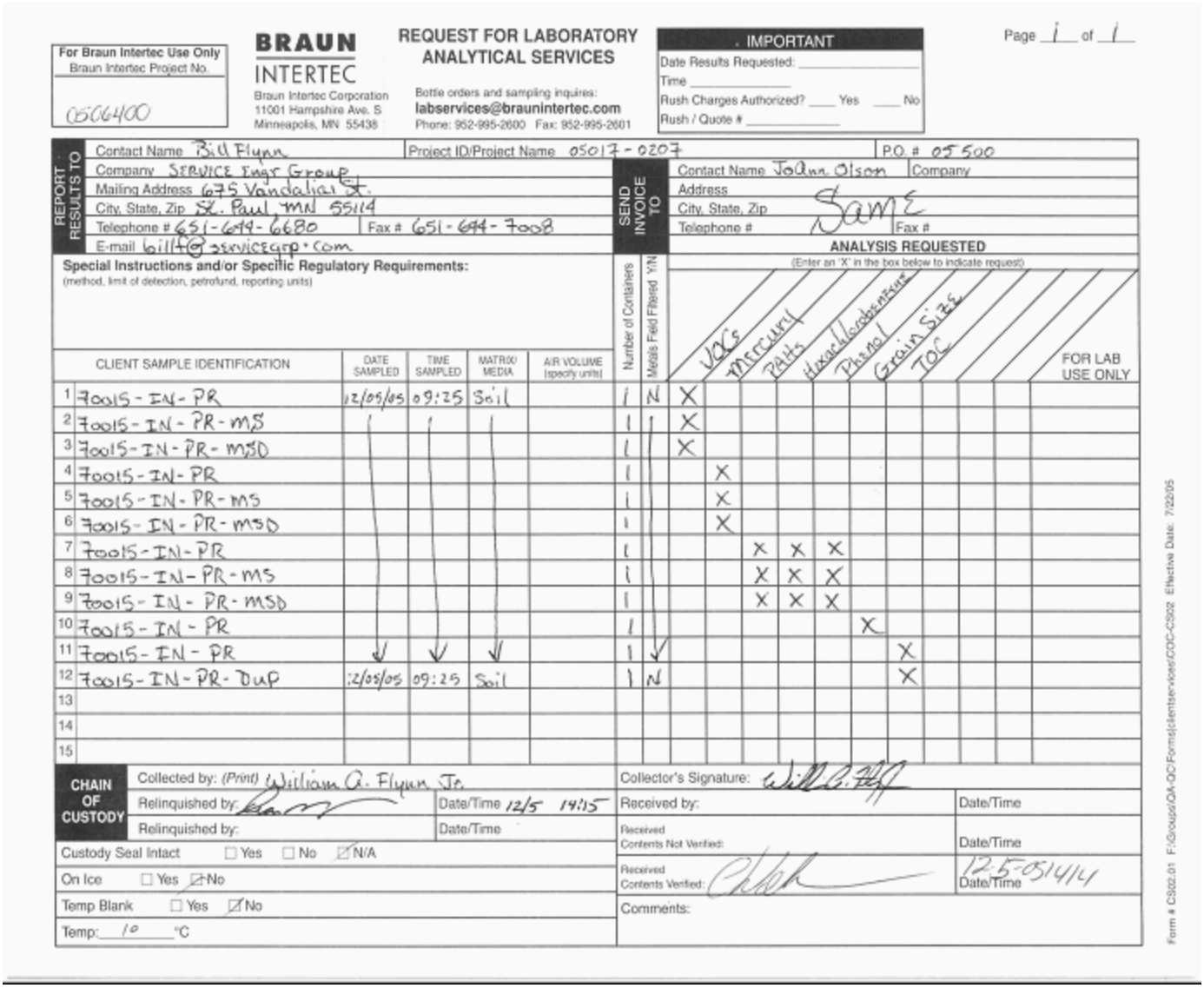
Service Engineering Group	Client Ref:05500	Work Order #: 0506400
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003



BRAUN INTERTEC

REQUEST FOR LABORATORY ANALYTICAL SERVICES

Page 1 of 1

For Braun Intertec Use Only
Braun Intertec Project No.
0506400

Braun Intertec Corporation
11001 Hampshire Ave. S
Minneapolis, MN 55438

Bottle orders and sampling inquires:
labservices@braunintertec.com
Phone: 952-995-2600 Fax: 952-995-2601

IMPORTANT
Date Results Requested:
Time
Rush Charges Authorized? ___ Yes ___ No
Rush / Quote #

REPORT RESULTS TO
Contact Name Bill Flynn
Company SERVICE Engr Group
Mailing Address 675 Vandalia St.
City, State, Zip St. Paul MN 55114
Telephone # 651-699-6680 Fax # 651-699-7008
E-mail billf@serviceegp.com

Project ID/Project Name 05017-0207
P.O. # 05500

SEND INVOICE TO
Contact Name JoAnn Olson Company
Address
City, State, Zip Same
Telephone # Fax #

Special Instructions and/or Specific Regulatory Requirements:
(method, limit of detection, petrofund, reporting units)

ANALYSIS REQUESTED
(Enter an 'X' in the box below to indicate request)

	CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)	Number of Containers	Metals Field Filtered Y/N	VOC	Mercury	PAHs	Hexachlorobenzene	Phenol	Grain Size	TOC	FOR LAB USE ONLY
1	70015-IN-PR	12/05/05	09:25	Soil		1	N	X							
2	70015-IN-PR-MS					1		X							
3	70015-IN-PR-MSD					1		X							
4	70015-IN-PR					1			X						
5	70015-IN-PR-MS					1			X						
6	70015-IN-PR-MSD					1			X						
7	70015-IN-PR					1				X	X	X			
8	70015-IN-PR-MS					1				X	X	X			
9	70015-IN-PR-MSD					1				X	X	X			
10	70015-IN-PR					1							X		
11	70015-IN-PR	↓	↓	↓		1	↓							X	
12	70015-IN-PR-Dup	12/05/05	09:25	Soil		1	N							X	
13															
14															
15															

CHAIN OF CUSTODY

Collected by: (Print) William A. Flynn Jr.
Collector's Signature:
Relinquished by: Date/Time 12/5 14:15
Received by: Date/Time
Relinquished by: Date/Time
Received Contents Not Verified: Date/Time
Custody Seal Intact ☐ Yes ☐ No ☑ N/A
Received Contents Verified: 12-5-05 14:14
On Ice ☐ Yes ☑ No
Temp Blank ☐ Yes ☑ No
Comments:
Temp: 10 °C

Form # CS02.01 F:\Groups\QA-QC\Forms\clientservices\COC-CS02 Effective Date: 7/22/05

BRAUN INTERTEC

Braun Intertec Corporation
11001 Hampshire Avenue S
Minneapolis, MN 55438

Phone: 952.995.2000
Fax: 952.995.2020
Web: brauntertec.com

Mr. Bill Flynn
Service Engineering Group
675 Vandalia Street
St. Paul, MN 55114-1312

December 27, 2005

Work Order #: 0506408

RE: 05500

Dear Mr. Bill Flynn

Braun Intertec Corporation received samples for the project identified above on 12/06/05 10:50. Analytical results are summarized in the following report.

All routine quality assurance procedures were followed, unless otherwise noted.

Analytical results are reported on an "as received" basis unless otherwise noted. Where possible, the samples will be retained by the laboratory for 14 days following issuance of the initial final report. The samples will be disposed of or returned at that time. Arrangements can be made for extended storage by contacting me at this time.

We appreciate your decision to use Braun Intertec Corporation for this project. We are committed to being your vendor of choice to meet your analytical chemistry needs.

If you have any questions please contact me at the above phone number.

Sincerely,

Steven J. Albrecht

Steven J. Albrecht
Associate Principal

Certification/Accreditation Numbers

Minnesota Department of Health: 027-053-117 Wisconsin DNR: 999462640 NVLAP: 1021234-0 AIHA: 101103

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
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Service Engineering Group	Client Ref:05500	Work Order #: 0506408
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

How to Use this Report

In order to get the most out of the information presented in this report please refer to the following explanations as to how the data in this report is tied together and how some of the terms are defined.

Qualifiers and Abbreviations are defined in the following section. You will find these codes used throughout the report in headers and in note sections to designate a unique fact about the data to which they are associated.

The Case Narrative gives a "story" about the analysis and results. Here you will find greater elaboration on relevant qualifiers as well as an explanation of anything of particular note in the data. This is a discussion of the data in terms of quality control and chemistry. It is a summary of any deviations that could affect the usefulness of the data. This is not an interpretation as to how this information relates to regulatory compliance, toxicity, or hazardous characterization. These items are beyond the scope of this report.

The Sample Summary provides detail on sample receipt. The association between Client sample ID and the Laboratory sample ID are defined here; this information is valuable to have when discussing results with your project manager. Sample collection and receipt dates and times are provided here as well. General notes regarding the work order are also documented here. This is a mini "case narrative" that describes any anomalies regarding the condition of the samples upon arrival to the laboratory or special circumstances regarding the work order.

The Conditions Upon Receipt summarizes the results of specific checks that have been performed at sample receipt. This includes items like custody documentation, sample condition, and temperature at receipt. Each "cooler" is identified and the conditions associated with that cooler are documented. A "cooler" is defined as the larger container used to transport the individual samples. In most cases this is a standard recreational cooler but it can be a box, plastic bag, or other container.

The laboratory results are summarized in the following sections. Data is broken down into major categories for convenience. An example of such a category would be "Total Petroleum Hydrocarbons." Here you would find data that references the testing of such parameters as diesel range organics and gasoline range organics. Other categories are similarly mapped. The batch number is associated with each sample. This is important to evaluate Quality Control (QC) data. Surrogate results samples are provided with each sample. Laboratory control limits are provided for comparison (see below). The reference method is also identified. If a method is denoted with an "M" (e.g. EPA 1234(M)) this means that it has been modified. An explanation of the modification will be found in the Case Narrative. A result is given with appropriate units. If a soil sample is dry-weight corrected then the word "dry" will appear next to the units. If the word "dry" does not appear then the result is "as received."

The Method Reporting Limit (MRL) and Method Detection Limit (MDL) are provided. It is important to understand these terms. The MRL is a level that has been empirically verified to provide reliable quantitation of results. Results that are equal to or greater than this value will show up as bolded. They are considered "hits." The MDL is a statistically derived number that indicates, with high confidence, that an analyte can be detected above noise level. If a result is less than this value it is marked as "ND" for "Non-Detect." If a result is less than the MRL but greater than the MDL then it is considered an estimate. Such a result is reported with a "J" flag denoting that it has been detected but that the result is an estimate. This is consistent with the *CLP Statement of Work* and the *National Functional Guidelines.*

The Quality Control (QC) samples are documented in the following section. Here you will find the preparation batches associated with each sample from the results section. The sample preparation method is also defined here. Accuracy is represented here in terms of a percent recovery as compared to a known value. Precision is represented as a relative percent difference between two duplicate sample aliquots. The laboratory control limits are provided as a means to evaluate the quality control data. If the result falls outside the laboratory control limits this simply means that it is outside what is typical for the laboratory and is noted accordingly. This does not mean that the data is invalid. Laboratory control limits are generally tighter than most program limits. This is a very important distinction. How the data is ultimately used determines its validity. Program requirements are defined in the Quality Assurance Project Plan (QAPP) governing the project. If your project manager is aware of your specific program requirements then a note will be made in the case narrative if the data fails to meet any of these requirements.

The last section contains copies of important documents and/or instrument printouts relavent to the report. This includes the chain of custody. It also may include items like chromatograms or spectra.

Please note that this report is paginated and must be reproduced in its entirety.

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Service Engineering Group	Client Ref:05500	Work Order #: 0506408
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Qualifiers and Abbreviations

vn	The surrogate recovery is below the laboratory generated control limits.
vfa	The method reporting limit (MRL) was raised for one or more analytes; a dilution of the sample was necessary due to high analyte levels and/or matrix interferences.
ts	This analysis was performed by a subcontract laboratory.
J	Detected but below the Method Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
COC	Chain of Custody
dry	Sample results reported on a dry weight basis
MDL	Method Detection Limit
MRL	Method Reporting Limit
NA	Not Applicable
ND	Analyte NOT DETECTED
NR	Not Reported
%Rec	Percent Recovery
RPD	Relative Percent Difference
VOC	Volatile Organic Compound

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Service Engineering Group	Client Ref:05500	Work Order #: 0506408
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

SAMPLE SUMMARY

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
60028-10Q-DCN	0506408-01	Water	12/01/05 16:30	12/06/05 10:50
70015-IN-PO	0506408-02	Soil	12/06/05 08:27	12/06/05 10:50
70015-10M-PR	0506408-03	Soil	12/06/05 08:55	12/06/05 10:50
70015-10M-PR	0506408-04	Water	12/06/05 09:44	12/06/05 10:50
70015-IN-DCN	0506408-05	Water	12/06/05 10:15	12/06/05 10:50
Trip Blank	0506408-06	Water	12/05/05 00:00	12/06/05 10:50

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Service Engineering Group	Client Ref:05500	Work Order #: 0506408
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Conditions Upon Receipt

Cooler: Cooler #1

Temperature:	10.0 °C	**Received on Ice:**	No	**Preservation Confirmed:**	No
COC Included:	Yes	**Hand Delivered by Sampler:**	Yes	**Temperature Blank:**	No
Custody Seals Used:	No	**Sufficient Sample Provided:**	Yes	**COC Complete:**	Yes
Custody Seals Intact:	No	**Headspace Present (VOC):**	No	**COC & Labels Agree:**	Yes

The results in this report apply only to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Service Engineering Group	Client Ref:05500	Work Order #: 0506408
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

60028-10Q-DCN

0506408-01 (Water)

12/1/05 16:30

Metals

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Mercury	ND	0.20	0.011	ug/L	B5L0144	12/8/05	12/9/05	EPA 7470A	

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,2,4-Trichlorobenzene	ND	5.2	0.35	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
1,2-Dichlorobenzene	ND	5.2	0.28	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
1,2-Diphenylhydrazine	ND	5.2	0.39	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
1,3-Dichlorobenzene	ND	5.2	0.31	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
1,4-Dichlorobenzene	ND	5.2	0.31	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2,4,5-Trichlorophenol	ND	5.2	0.16	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2,4,6-Trichlorophenol	ND	5.2	0.24	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2,4-Dichlorophenol	ND	10	0.29	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2,4-Dimethylphenol	ND	5.2	0.42	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2,4-Dinitrophenol	ND	5.2	1.0	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2,4-Dinitrotoluene	ND	5.2	0.21	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2,6-Dinitrotoluene	ND	5.2	0.61	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2-Chloronaphthalene	ND	5.2	0.31	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2-Chlorophenol	ND	10	0.66	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2-Methylnaphthalene	ND	5.2	0.41	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2-Methylphenol	ND	10	2.6	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2-Nitroaniline	ND	5.2	0.49	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2-Nitrophenol	ND	10	0.56	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
3,3-Dichlorobenzidine	ND	5.2	0.57	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
3-/4-Methylphenol	ND	10	0.29	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
3-Nitroaniline	ND	5.2	0.70	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
4,6-Dinitro-2-methylphenol	ND	5.2	0.74	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
4-Bromophenyl phenyl ether	ND	5.2	0.25	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
4-Chloro-3-methylphenol	ND	5.2	0.25	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
4-Chloroaniline	ND	5.2	0.62	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506408
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

60028-10Q-DCN

0506408-01 (Water)

12/1/05 16:30

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
4-Chlorophenyl phenyl ether	ND	2.1	0.26	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
4-Nitroaniline	ND	5.2	0.35	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
4-Nitrophenol	ND	5.2	0.86	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Acenaphthene	ND	2.1	0.27	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Acenaphthylene	ND	2.1	0.20	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Aniline	ND	5.2	0.92	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Anthracene	ND	2.1	0.22	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Benz(a)anthracene	ND	2.1	0.74	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Benzo(a)pyrene	ND	2.1	0.81	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Benzo(b)fluoranthene	ND	2.1	0.44	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Benzo(g,h,i)perylene	ND	2.1	0.70	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Benzo(k)fluoranthene	ND	2.1	0.78	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Benzyl alcohol	ND	10	0.34	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
bis(2-Chloroethoxy)methane	ND	5.2	0.35	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Bis(2-Chloroethyl)ether	ND	5.2	0.44	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Bis(2-chloroisopropyl)ether	ND	5.2	0.34	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Bis(2-Ethylhexyl)phthalate	ND	5.2	1.6	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Butyl benzyl phthalate	ND	5.2	0.32	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Carbazole	ND	5.2	0.36	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Chrysene	ND	2.1	0.74	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Dibenz(a,h)anthracene	ND	2.1	0.82	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Dibenzofuran	ND	5.2	0.28	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Diethylphthalate	ND	5.2	0.32	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Dimethyl phthalate	ND	5.2	0.22	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Di-n-butyl phthalate	ND	5.2	0.49	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Di-n-octyl phthalate	ND	5.2	0.83	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Fluoranthene	ND	2.1	0.27	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Fluorene	ND	2.1	0.48	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	

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Bloomington, MN 55438
952-995-2000 Phone
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Service Engineering Group	Client Ref:05500	Work Order #: 0506408
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

60028-10Q-DCN

0506408-01 (Water)

12/1/05 16:30

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Hexachlorobenzene	ND	5.2	0.25	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Hexachlorobutadiene	ND	5.2	0.33	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Hexachlorocyclopentadiene	ND	5.2	0.29	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Hexachloroethane	ND	5.2	0.37	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Indeno(1,2,3-cd)pyrene	ND	2.1	0.81	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Isophorone	ND	5.2	0.22	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Naphthalene	ND	5.2	0.33	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Nitrobenzene	ND	5.2	0.28	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
N-Nitrosodimethylamine	ND	5.2	0.27	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
N-Nitrosodi-n-propylamine	ND	5.2	0.33	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
N-Nitrosodiphenylamine	ND	5.2	0.32	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Pentachlorophenol	ND	5.2	0.57	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Phenanthrene	ND	2.1	0.22	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Phenol	ND	10	2.2	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Pyrene	ND	2.1	0.52	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Pyridine	ND	10	2.6	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Surrogate: 2,4,6-Tribromophenol	*93.1 %*	*Limits: 65-100%*			*B5L0113*	*12/7/05*	*12/8/05*	*EPA 8270C*	
Surrogate: 2-Fluorobiphenyl	*68.3 %*	*Limits: 59-101%*			*B5L0113*	*12/7/05*	*12/8/05*	*EPA 8270C*	
Surrogate: 2-Fluorophenol	*39.1 %*	*Limits: 30-75%*			*B5L0113*	*12/7/05*	*12/8/05*	*EPA 8270C*	
Surrogate: Nitrobenzene-d5	*50.4 %*	*Limits: 57-101%*			*B5L0113*	*12/7/05*	*12/8/05*	*EPA 8270C*	*vn*
Surrogate: Phenol-d6	*32.1 %*	*Limits: 30-75%*			*B5L0113*	*12/7/05*	*12/8/05*	*EPA 8270C*	
Surrogate: Terphenyl-d14	*91.2 %*	*Limits: 65-100%*			*B5L0113*	*12/7/05*	*12/8/05*	*EPA 8270C*	

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,1,1-Trichloroethane	ND	1.0	0.050	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	

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BRAUN INTERTEC

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952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:05500	Work Order #: 0506408
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

60028-10Q-DCN

0506408-01 (Water)

12/1/05 16:30

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,1,2-Trichlorotrifluoroethane	ND	1.0	0.12	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,1-Dichloroethane	ND	1.0	0.053	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,1-Dichloroethene	ND	1.0	0.085	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,1-Dichloropropene	ND	1.0	0.073	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,2,3-Trichlorobenzene	ND	1.0	0.11	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,2,3-Trichloropropane	ND	1.0	0.30	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,2,4-Trichlorobenzene	ND	1.0	0.14	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,2,4-Trimethylbenzene	ND	1.0	0.071	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,2-Dibromo-3-chloropropane	ND	1.0	0.41	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,2-Dibromoethane	ND	1.0	0.064	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,2-Dichlorobenzene	ND	1.0	0.12	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,2-Dichloroethane	ND	1.0	0.053	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,2-Dichloropropane	ND	1.0	0.050	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,3,5-Trimethylbenzene	ND	1.0	0.097	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,3-Dichlorobenzene	ND	1.0	0.083	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,3-Dichloropropane	ND	1.0	0.13	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,4-Dichlorobenzene	ND	1.0	0.12	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
2,2-Dichloropropane	ND	1.0	0.10	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
2-Butanone (MEK)	ND	10	1.3	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
2-Chlorotoluene	ND	1.0	0.20	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
4-Chlorotoluene	ND	1.0	0.13	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
4-Isopropyltoluene	ND	1.0	0.058	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Acetone	ND	20	1.5	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Allyl Chloride	ND	1.0	0.26	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Benzene	ND	1.0	0.045	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Bromobenzene	ND	1.0	0.15	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506408
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

60028-10Q-DCN

0506408-01 (Water)

12/1/05 16:30

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Bromochloromethane	ND	1.0	0.21	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Bromodichloromethane	**4.8**	1.0	0.11	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Bromoform	ND	5.0	0.13	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Bromomethane	ND	1.0	0.14	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Carbon Tetrachloride	ND	1.0	0.057	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Chlorobenzene	ND	1.0	0.042	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Chlorodibromomethane	ND	1.0	0.028	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Chloroethane	ND	1.0	0.11	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Chloroform	**14**	1.0	0.12	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Chloromethane	**1.0**	1.0	0.20	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.0	0.10	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.0	0.041	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Dibromomethane	ND	1.0	0.20	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Dichlorodifluoromethane	ND	1.0	0.13	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Dichlorofluoromethane	ND	1.0	0.10	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Ethyl Ether	ND	1.0	0.31	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Ethylbenzene	ND	1.0	0.10	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Hexachlorobutadiene	ND	2.0	0.24	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Isopropylbenzene	ND	1.0	0.064	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
m,p-Xylenes	ND	1.0	0.13	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Methyl Isobutyl Ketone	ND	5.0	0.42	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Methylene chloride	ND	5.0	0.63	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Methyl-t-butyl ether	ND	1.0	0.12	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Naphthalene	ND	1.0	0.10	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
n-Butylbenzene	ND	1.0	0.12	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
n-Propylbenzene	ND	1.0	0.10	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
o-Xylene	ND	1.0	0.14	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
sec-Butylbenzene	ND	1.0	0.042	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Styrene	ND	1.0	0.047	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

60028-10Q-DCN

0506408-01 (Water)

12/1/05 16:30

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
tert-Butylbenzene	ND	1.0	0.10	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Tetrachloroethene	ND	2.0	0.19	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Tetrahydrofuran	ND	5.0	1.2	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Toluene	ND	1.0	0.17	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
trans-1,2-Dichloroethene	ND	1.0	0.14	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.0	0.12	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Trichloroethene	ND	1.0	0.073	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Trichlorofluoromethane	ND	1.0	0.19	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Vinyl chloride	ND	1.0	0.25	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4	*102 %*	*Limits: 82-128%*			*B5L0223*	*12/13/05*	*12/13/05*	*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene	*100 %*	*Limits: 76-119%*			*B5L0223*	*12/13/05*	*12/13/05*	*EPA 8260B*	
Surrogate: Dibromofluoromethane	*96.0 %*	*Limits: 79-127%*			*B5L0223*	*12/13/05*	*12/13/05*	*EPA 8260B*	
Surrogate: Toluene-d8	*98.8 %*	*Limits: 82-116%*			*B5L0223*	*12/13/05*	*12/13/05*	*EPA 8260B*	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506408
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-IN-PO

0506408-02 (Soil)

12/6/05 8:27

Classical Chemistry Parameters

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Total Organic Carbon	**74500**	1000	1000	mg/kg	B5L0388	12/12/05	12/12/05	EPA 9060	ts

BRAUN INTERTEC

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-10M-PR

0506408-03 (Soil)

12/6/05 8:55

Classical Chemistry Parameters

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
% Solids	**53**			% Wt	B5L0219	12/13/05	12/13/05	ASTM D2216	

Metals

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Mercury	**43**	2.6	0.12	mg/kg dry	B5L0188	12/12/05	12/13/05	EPA 7471A	

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,2,4-Trichlorobenzene	**7.6**	0.25	0.038	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
1,2-Dichlorobenzene	**14**	2.5	0.19	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
1,2-Diphenylhydrazine	ND	0.25	0.023	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
1,3-Dichlorobenzene	**5.1**	0.25	0.030	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
1,4-Dichlorobenzene	**45**	2.5	0.38	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
2,4,5-Trichlorophenol	ND	0.25	0.072	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
2,4,6-Trichlorophenol	ND	0.25	0.064	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
2,4-Dichlorophenol	ND	0.25	0.072	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
2,4-Dimethylphenol	ND	0.64	0.22	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
2,4-Dinitrophenol	ND	0.64	0.068	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
2,4-Dinitrotoluene	ND	0.25	0.026	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
2,6-Dinitrotoluene	ND	0.25	0.023	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
2-Chloronaphthalene	ND	0.25	0.026	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
2-Chlorophenol	ND	0.25	0.068	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
2-Methylnaphthalene	**25**	2.5	0.87	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
2-Methylphenol	ND	0.64	0.064	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
2-Nitroaniline	ND	0.25	0.068	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
2-Nitrophenol	ND	0.25	0.072	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
3,3-Dichlorobenzidine	ND	1.2	0.064	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
3-/4-Methylphenol	ND	0.64	0.079	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
3-Nitroaniline	ND	0.64	0.068	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
4,6-Dinitro-2-methylphenol	ND	0.64	0.038	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
4-Bromophenyl phenyl ether	ND	0.25	0.038	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506408
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-10M-PR

0506408-03 (Soil)

12/6/05 8:55

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
4-Chloro-3-methylphenol	ND	0.25	0.083	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
4-Chloroaniline	ND	0.64	0.068	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	0.25	0.041	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
4-Nitroaniline	ND	0.25	0.056	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
4-Nitrophenol	ND	0.25	0.079	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Acenaphthene	**16**	2.5	0.38	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Acenaphthylene	**1.8**	0.25	0.026	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Aniline	ND	0.64	0.16	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Anthracene	**9.1**	0.25	0.038	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Benz(a)anthracene	**3.6**	0.25	0.038	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Benzo(a)pyrene	**1.9**	0.25	0.030	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Benzo(b)fluoranthene	**1.7**	0.25	0.064	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Benzo(g,h,i)perylene	**0.50**	0.25	0.023	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Benzo(k)fluoranthene	**1.9**	0.25	0.053	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Benzyl alcohol	ND	0.25	0.10	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
bis(2-Chloroethoxy)methane	ND	0.25	0.041	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Bis(2-Chloroethyl)ether	ND	0.25	0.045	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Bis(2-chloroisopropyl)ether	ND	0.25	0.053	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Bis(2-Ethylhexyl)phthalate	ND	1.2	0.034	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Butyl benzyl phthalate	ND	0.25	0.030	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Carbazole	**3.4**	0.25	0.056	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Chrysene	**4.0**	0.25	0.038	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Dibenz(a,h)anthracene	ND	0.25	0.079	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Dibenzofuran	**11**	0.25	0.049	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Diethylphthalate	ND	0.25	0.041	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Dimethyl phthalate	ND	0.25	0.041	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Di-n-butyl phthalate	ND	1.2	0.053	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Di-n-octyl phthalate	ND	0.25	0.038	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Fluoranthene	**16**	2.5	0.26	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Fluorene	**90**	2.5	0.15	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-10M-PR

0506408-03 (Soil)

12/6/05 8:55

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Hexachlorobenzene	ND	0.25	0.034	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Hexachlorobutadiene	ND	0.25	0.023	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Hexachlorocyclopentadiene	ND	0.25	0.034	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Hexachloroethane	ND	0.25	0.034	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Indeno(1,2,3-cd)pyrene	**0.60**	0.25	0.034	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Isophorone	ND	0.25	0.038	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Naphthalene	**120**	2.5	0.19	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Nitrobenzene	ND	0.25	0.045	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
N-Nitrosodimethylamine	ND	0.25	0.079	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
N-Nitrosodi-n-propylamine	ND	0.25	0.045	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
N-Nitrosodiphenylamine	ND	0.25	0.026	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Pentachlorophenol	ND	0.64	0.072	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Phenanthrene	**32**	2.5	0.30	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Phenol	ND	0.25	0.068	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Pyrene	**11**	0.25	0.038	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Pyridine	ND	0.25	0.15	mg/kg dry	B5L0115	12/7/05	12/9/05	EPA 8270C	
Surrogate: 2,4,6-Tribromophenol	*96.7 %*	*Limits: 30-150%*			*B5L0115*	*12/7/05*	*12/9/05*	*EPA 8270C*	
Surrogate: 2-Fluorobiphenyl	*72.3 %*	*Limits: 30-104%*			*B5L0115*	*12/7/05*	*12/9/05*	*EPA 8270C*	
Surrogate: 2-Fluorophenol	*59.2 %*	*Limits: 30-106%*			*B5L0115*	*12/7/05*	*12/9/05*	*EPA 8270C*	
Surrogate: Nitrobenzene-d5	*60.8 %*	*Limits: 30-90%*			*B5L0115*	*12/7/05*	*12/9/05*	*EPA 8270C*	
Surrogate: Phenol-d6	*66.5 %*	*Limits: 30-102%*			*B5L0115*	*12/7/05*	*12/9/05*	*EPA 8270C*	
Surrogate: Terphenyl-d14	*72.0 %*	*Limits: 30-115%*			*B5L0115*	*12/7/05*	*12/9/05*	*EPA 8270C*	

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,1,2-Tetrachloroethane	ND	0.95	0.13	mg/kg dry	B5L0300	12/14/05	12/16/05	EPA 8260B	vfa
1,1,1-Trichloroethane	ND	0.95	0.057	mg/kg dry	B5L0300	12/14/05	12/16/05	EPA 8260B	vfa
1,1,2,2-Tetrachloroethane	ND	0.95	0.23	mg/kg dry	B5L0300	12/14/05	12/16/05	EPA 8260B	vfa

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-10M-PR

0506408-03 (Soil)

12/6/05 8:55

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,2-Trichloroethane	ND	0.95	0.19	mg/kg dry	B5L0300	12/14/05	12/16/05	EPA 8260B	vfa
1,1,2-Trichlorotrifluoroethane	ND	0.95	0.11	mg/kg dry	B5L0300	12/14/05	12/16/05	EPA 8260B	vfa
1,1-Dichloroethane	ND	0.95	0.051	mg/kg dry	B5L0300	12/14/05	12/16/05	EPA 8260B	vfa
1,1-Dichloroethene	ND	0.95	0.082	mg/kg dry	B5L0300	12/14/05	12/16/05	EPA 8260B	vfa
1,1-Dichloropropene	ND	0.95	0.070	mg/kg dry	B5L0300	12/14/05	12/16/05	EPA 8260B	vfa
1,2,3-Trichlorobenzene	ND	0.95	0.10	mg/kg dry	B5L0300	12/14/05	12/16/05	EPA 8260B	vfa
1,2,3-Trichloropropane	ND	0.95	0.28	mg/kg dry	B5L0300	12/14/05	12/16/05	EPA 8260B	vfa
1,2,4-Trichlorobenzene	**2.8**	0.95	0.14	mg/kg dry	B5L0300	12/14/05	12/16/05	EPA 8260B	vfa
1,2,4-Trimethylbenzene	**3.1**	0.95	0.066	mg/kg dry	B5L0300	12/14/05	12/16/05	EPA 8260B	vfa
1,2-Dibromo-3-chloropropane	ND	0.95	0.38	mg/kg dry	B5L0300	12/14/05	12/16/05	EPA 8260B	vfa
1,2-Dibromoethane	ND	0.95	0.061	mg/kg dry	B5L0300	12/14/05	12/16/05	EPA 8260B	vfa
1,2-Dichlorobenzene	**7.6**	0.95	0.11	mg/kg dry	B5L0300	12/14/05	12/16/05	EPA 8260B	vfa
1,2-Dichloroethane	ND	0.95	0.051	mg/kg dry	B5L0300	12/14/05	12/16/05	EPA 8260B	vfa
1,2-Dichloropropane	ND	0.95	0.047	mg/kg dry	B5L0300	12/14/05	12/16/05	EPA 8260B	vfa
1,3,5-Trimethylbenzene	**2.1**	0.95	0.093	mg/kg dry	B5L0300	12/14/05	12/16/05	EPA 8260B	vfa
1,3-Dichlorobenzene	**2.4**	0.95	0.080	mg/kg dry	B5L0300	12/14/05	12/16/05	EPA 8260B	vfa
1,3-Dichloropropane	ND	0.95	0.12	mg/kg dry	B5L0300	12/14/05	12/16/05	EPA 8260B	vfa
1,4-Dichlorobenzene	**21**	0.95	0.11	mg/kg dry	B5L0300	12/14/05	12/16/05	EPA 8260B	vfa
2,2-Dichloropropane	ND	0.95	0.099	mg/kg dry	B5L0300	12/14/05	12/16/05	EPA 8260B	vfa
2-Butanone (MEK)	ND	9.5	1.3	mg/kg dry	B5L0300	12/14/05	12/16/05	EPA 8260B	vfa
2-Chlorotoluene	ND	0.95	0.18	mg/kg dry	B5L0300	12/14/05	12/16/05	EPA 8260B	vfa
4-Chlorotoluene	ND	0.95	0.13	mg/kg dry	B5L0300	12/14/05	12/16/05	EPA 8260B	vfa
4-Isopropyltoluene	ND	0.95	0.055	mg/kg dry	B5L0300	12/14/05	12/16/05	EPA 8260B	vfa
Acetone	ND	19	1.5	mg/kg dry	B5L0300	12/14/05	12/16/05	EPA 8260B	vfa
Allyl Chloride	ND	0.95	0.25	mg/kg dry	B5L0300	12/14/05	12/16/05	EPA 8260B	vfa
Benzene	**1.2**	0.95	0.042	mg/kg dry	B5L0300	12/14/05	12/16/05	EPA 8260B	vfa
Bromobenzene	ND	0.95	0.14	mg/kg dry	B5L0300	12/14/05	12/16/05	EPA 8260B	vfa
Bromochloromethane	ND	0.95	0.21	mg/kg dry	B5L0300	12/14/05	12/16/05	EPA 8260B	vfa
Bromodichloromethane	ND	0.95	0.10	mg/kg dry	B5L0300	12/14/05	12/16/05	EPA 8260B	vfa

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-10M-PR

0506408-03 (Soil)

12/6/05 8:55

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Bromoform	ND	4.7	0.12	mg/kg dry	B5L0300	12/14/05	12/16/05	EPA 8260B	vfa
Bromomethane	ND	0.95	0.13	mg/kg dry	B5L0300	12/14/05	12/16/05	EPA 8260B	vfa
Carbon Tetrachloride	ND	0.95	0.053	mg/kg dry	B5L0300	12/14/05	12/16/05	EPA 8260B	vfa
Chlorobenzene	**11**	0.95	0.040	mg/kg dry	B5L0300	12/14/05	12/16/05	EPA 8260B	vfa
Chlorodibromomethane	ND	0.95	0.028	mg/kg dry	B5L0300	12/14/05	12/16/05	EPA 8260B	vfa
Chloroethane	ND	0.95	0.11	mg/kg dry	B5L0300	12/14/05	12/16/05	EPA 8260B	vfa
Chloroform	ND	0.95	0.11	mg/kg dry	B5L0300	12/14/05	12/16/05	EPA 8260B	vfa
Chloromethane	ND	0.95	0.19	mg/kg dry	B5L0300	12/14/05	12/16/05	EPA 8260B	vfa
cis-1,2-Dichloroethene	ND	0.95	0.099	mg/kg dry	B5L0300	12/14/05	12/16/05	EPA 8260B	vfa
cis-1,3-Dichloropropene	ND	0.95	0.038	mg/kg dry	B5L0300	12/14/05	12/16/05	EPA 8260B	vfa
Dibromomethane	ND	0.95	0.19	mg/kg dry	B5L0300	12/14/05	12/16/05	EPA 8260B	vfa
Dichlorodifluoromethane	ND	0.95	0.12	mg/kg dry	B5L0300	12/14/05	12/16/05	EPA 8260B	vfa
Dichlorofluoromethane	ND	0.95	0.099	mg/kg dry	B5L0300	12/14/05	12/16/05	EPA 8260B	vfa
Ethyl Ether	ND	0.95	0.28	mg/kg dry	B5L0300	12/14/05	12/16/05	EPA 8260B	vfa
Ethylbenzene	ND	0.95	0.10	mg/kg dry	B5L0300	12/14/05	12/16/05	EPA 8260B	vfa
Hexachlorobutadiene	ND	1.9	0.23	mg/kg dry	B5L0300	12/14/05	12/16/05	EPA 8260B	vfa
Isopropylbenzene	**1.0**	0.95	0.061	mg/kg dry	B5L0300	12/14/05	12/16/05	EPA 8260B	vfa
m,p-Xylenes	**4.7**	0.95	0.12	mg/kg dry	B5L0300	12/14/05	12/16/05	EPA 8260B	vfa
Methyl Isobutyl Ketone	ND	4.7	0.40	mg/kg dry	B5L0300	12/14/05	12/16/05	EPA 8260B	vfa
Methylene chloride	ND	4.7	0.61	mg/kg dry	B5L0300	12/14/05	12/16/05	EPA 8260B	vfa
Methyl-t-butyl ether	ND	0.95	0.11	mg/kg dry	B5L0300	12/14/05	12/16/05	EPA 8260B	vfa
Naphthalene	**65**	0.95	0.095	mg/kg dry	B5L0300	12/14/05	12/16/05	EPA 8260B	vfa
n-Butylbenzene	ND	0.95	0.12	mg/kg dry	B5L0300	12/14/05	12/16/05	EPA 8260B	vfa
n-Propylbenzene	ND	0.95	0.099	mg/kg dry	B5L0300	12/14/05	12/16/05	EPA 8260B	vfa
o-Xylene	**1.4**	0.95	0.13	mg/kg dry	B5L0300	12/14/05	12/16/05	EPA 8260B	vfa
sec-Butylbenzene	**5.2**	0.95	0.040	mg/kg dry	B5L0300	12/14/05	12/16/05	EPA 8260B	vfa
Styrene	ND	0.95	0.044	mg/kg dry	B5L0300	12/14/05	12/16/05	EPA 8260B	vfa
tert-Butylbenzene	ND	0.95	0.097	mg/kg dry	B5L0300	12/14/05	12/16/05	EPA 8260B	vfa
Tetrachloroethene	ND	1.9	0.18	mg/kg dry	B5L0300	12/14/05	12/16/05	EPA 8260B	vfa

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-10M-PR

0506408-03 (Soil)

12/6/05 8:55

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Tetrahydrofuran	ND	4.7	1.1	mg/kg dry	B5L0300	12/14/05	12/16/05	EPA 8260B	vfa
Toluene	**2.2**	0.95	0.16	mg/kg dry	B5L0300	12/14/05	12/16/05	EPA 8260B	vfa
trans-1,2-Dichloroethene	ND	0.95	0.13	mg/kg dry	B5L0300	12/14/05	12/16/05	EPA 8260B	vfa
trans-1,3-Dichloropropene	ND	0.95	0.11	mg/kg dry	B5L0300	12/14/05	12/16/05	EPA 8260B	vfa
Trichloroethene	ND	0.95	0.070	mg/kg dry	B5L0300	12/14/05	12/16/05	EPA 8260B	vfa
Trichlorofluoromethane	ND	0.95	0.18	mg/kg dry	B5L0300	12/14/05	12/16/05	EPA 8260B	vfa
Vinyl chloride	ND	0.95	0.23	mg/kg dry	B5L0300	12/14/05	12/16/05	EPA 8260B	vfa
Surrogate: 1,2-Dichloroethane-d4	*98.4 %*	*Limits: 81-127%*			*B5L0300*	*12/14/05*	*12/16/05*	*EPA 8260B*	*vfa*
Surrogate: 4-Bromofluorobenzene	*103 %*	*Limits: 74-117%*			*B5L0300*	*12/14/05*	*12/16/05*	*EPA 8260B*	*vfa*
Surrogate: Dibromofluoromethane	*94.0 %*	*Limits: 79-127%*			*B5L0300*	*12/14/05*	*12/16/05*	*EPA 8260B*	*vfa*
Surrogate: Toluene-d8	*99.6 %*	*Limits: 82-115%*			*B5L0300*	*12/14/05*	*12/16/05*	*EPA 8260B*	*vfa*

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70015-10M-PR

0506408-04 (Water)

12/6/05 9:44

Classical Chemistry Parameters

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Total Suspended Solids	**27000**	5.0	3.6	mg/L	B5L0163	12/9/05	12/9/05	EPA 160.2	
Total Organic Carbon	**37**	8.0	3.0	mg/L	B5L0235	12/11/05	12/12/05	EPA 9060	ts

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70015-IN-DCN

0506408-05 (Water)

12/6/05 10:15

Metals

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Mercury	ND	0.20	0.011	ug/L	B5L0144	12/8/05	12/9/05	EPA 7470A	

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,2,4-Trichlorobenzene	ND	5.6	0.37	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
1,2-Dichlorobenzene	ND	5.6	0.30	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
1,2-Diphenylhydrazine	ND	5.6	0.41	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
1,3-Dichlorobenzene	ND	5.6	0.33	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
1,4-Dichlorobenzene	ND	5.6	0.33	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2,4,5-Trichlorophenol	ND	5.6	0.17	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2,4,6-Trichlorophenol	ND	5.6	0.25	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2,4-Dichlorophenol	ND	11	0.31	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2,4-Dimethylphenol	ND	5.6	0.44	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2,4-Dinitrophenol	ND	5.6	1.1	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2,4-Dinitrotoluene	ND	5.6	0.23	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2,6-Dinitrotoluene	ND	5.6	0.65	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2-Chloronaphthalene	ND	5.6	0.33	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2-Chlorophenol	ND	11	0.70	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2-Methylnaphthalene	ND	5.6	0.44	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2-Methylphenol	ND	11	2.8	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2-Nitroaniline	ND	5.6	0.52	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
2-Nitrophenol	ND	11	0.60	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
3,3-Dichlorobenzidine	ND	5.6	0.60	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
3-/4-Methylphenol	ND	11	0.31	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
3-Nitroaniline	ND	5.6	0.74	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
4,6-Dinitro-2-methylphenol	ND	5.6	0.78	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
4-Bromophenyl phenyl ether	ND	5.6	0.27	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
4-Chloro-3-methylphenol	ND	5.6	0.26	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
4-Chloroaniline	ND	5.6	0.66	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	

BRAUN INTERTEC

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Bloomington, MN 55438
952-995-2000 Phone
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Service Engineering Group	Client Ref:05500	Work Order #: 0506408
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-IN-DCN

0506408-05 (Water)

12/6/05 10:15

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
4-Chlorophenyl phenyl ether	ND	2.2	0.28	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
4-Nitroaniline	ND	5.6	0.38	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
4-Nitrophenol	ND	5.6	0.91	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Acenaphthene	ND	2.2	0.29	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Acenaphthylene	ND	2.2	0.21	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Aniline	ND	5.6	0.98	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Anthracene	ND	2.2	0.23	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Benz(a)anthracene	ND	2.2	0.79	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Benzo(a)pyrene	ND	2.2	0.86	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Benzo(b)fluoranthene	ND	2.2	0.47	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Benzo(g,h,i)perylene	ND	2.2	0.75	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Benzo(k)fluoranthene	ND	2.2	0.83	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Benzyl alcohol	ND	11	0.36	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
bis(2-Chloroethoxy)methane	ND	5.6	0.37	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Bis(2-Chloroethyl)ether	ND	5.6	0.46	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Bis(2-chloroisopropyl)ether	ND	5.6	0.36	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Bis(2-Ethylhexyl)phthalate	ND	5.6	1.7	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Butyl benzyl phthalate	ND	5.6	0.34	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Carbazole	ND	5.6	0.38	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Chrysene	ND	2.2	0.78	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Dibenz(a,h)anthracene	ND	2.2	0.87	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Dibenzofuran	ND	5.6	0.30	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Diethylphthalate	ND	5.6	0.34	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Dimethyl phthalate	ND	5.6	0.24	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Di-n-butyl phthalate	ND	5.6	0.52	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Di-n-octyl phthalate	ND	5.6	0.88	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Fluoranthene	ND	2.2	0.29	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Fluorene	ND	2.2	0.51	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506408
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-IN-DCN

0506408-05 (Water)

12/6/05 10:15

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Hexachlorobenzene	ND	5.6	0.27	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Hexachlorobutadiene	ND	5.6	0.35	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Hexachlorocyclopentadiene	ND	5.6	0.31	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Hexachloroethane	ND	5.6	0.39	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Indeno(1,2,3-cd)pyrene	ND	2.2	0.86	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Isophorone	ND	5.6	0.23	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Naphthalene	0.59 J	5.6	0.35	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Nitrobenzene	ND	5.6	0.30	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
N-Nitrosodimethylamine	ND	5.6	0.29	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
N-Nitrosodi-n-propylamine	ND	5.6	0.35	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
N-Nitrosodiphenylamine	ND	5.6	0.34	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Pentachlorophenol	ND	5.6	0.61	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Phenanthrene	ND	2.2	0.23	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Phenol	ND	11	2.3	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Pyrene	ND	2.2	0.56	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Pyridine	ND	11	2.7	ug/L	B5L0113	12/7/05	12/8/05	EPA 8270C	
Surrogate: 2,4,6-Tribromophenol	*94.6 %*	*Limits: 65-100%*			*B5L0113*	*12/7/05*	*12/8/05*	*EPA 8270C*	
Surrogate: 2-Fluorobiphenyl	*79.1 %*	*Limits: 59-101%*			*B5L0113*	*12/7/05*	*12/8/05*	*EPA 8270C*	
Surrogate: 2-Fluorophenol	*48.6 %*	*Limits: 30-75%*			*B5L0113*	*12/7/05*	*12/8/05*	*EPA 8270C*	
Surrogate: Nitrobenzene-d5	*62.2 %*	*Limits: 57-101%*			*B5L0113*	*12/7/05*	*12/8/05*	*EPA 8270C*	
Surrogate: Phenol-d6	*43.5 %*	*Limits: 30-75%*			*B5L0113*	*12/7/05*	*12/8/05*	*EPA 8270C*	
Surrogate: Terphenyl-d14	*87.8 %*	*Limits: 65-100%*			*B5L0113*	*12/7/05*	*12/8/05*	*EPA 8270C*	

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,1,1-Trichloroethane	ND	1.0	0.050	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506408
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-IN-DCN

0506408-05 (Water)

12/6/05 10:15

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,1,2-Trichlorotrifluoroethane	ND	1.0	0.12	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,1-Dichloroethane	ND	1.0	0.053	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,1-Dichloroethene	ND	1.0	0.085	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,1-Dichloropropene	ND	1.0	0.073	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,2,3-Trichlorobenzene	ND	1.0	0.11	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,2,3-Trichloropropane	ND	1.0	0.30	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,2,4-Trichlorobenzene	ND	1.0	0.14	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,2,4-Trimethylbenzene	ND	1.0	0.071	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,2-Dibromo-3-chloropropane	ND	1.0	0.41	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,2-Dibromoethane	ND	1.0	0.064	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,2-Dichlorobenzene	ND	1.0	0.12	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,2-Dichloroethane	ND	1.0	0.053	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,2-Dichloropropane	ND	1.0	0.050	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,3,5-Trimethylbenzene	ND	1.0	0.097	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,3-Dichlorobenzene	ND	1.0	0.083	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,3-Dichloropropane	ND	1.0	0.13	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,4-Dichlorobenzene	ND	1.0	0.12	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
2,2-Dichloropropane	ND	1.0	0.10	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
2-Butanone (MEK)	ND	10	1.3	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
2-Chlorotoluene	ND	1.0	0.20	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
4-Chlorotoluene	ND	1.0	0.13	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
4-Isopropyltoluene	ND	1.0	0.058	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Acetone	ND	20	1.5	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Allyl Chloride	ND	1.0	0.26	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Benzene	ND	1.0	0.045	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Bromobenzene	ND	1.0	0.15	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506408
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-IN-DCN

0506408-05 (Water)

12/6/05 10:15

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Bromochloromethane	ND	1.0	0.21	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Bromodichloromethane	**4.7**	1.0	0.11	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Bromoform	ND	5.0	0.13	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Bromomethane	ND	1.0	0.14	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Carbon Tetrachloride	ND	1.0	0.057	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Chlorobenzene	ND	1.0	0.042	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Chlorodibromomethane	ND	1.0	0.028	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Chloroethane	ND	1.0	0.11	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Chloroform	**14**	1.0	0.12	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Chloromethane	**4.3**	1.0	0.20	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.0	0.10	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.0	0.041	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Dibromomethane	ND	1.0	0.20	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Dichlorodifluoromethane	ND	1.0	0.13	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Dichlorofluoromethane	ND	1.0	0.10	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Ethyl Ether	ND	1.0	0.31	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Ethylbenzene	ND	1.0	0.10	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Hexachlorobutadiene	ND	2.0	0.24	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Isopropylbenzene	ND	1.0	0.064	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
m,p-Xylenes	ND	1.0	0.13	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Methyl Isobutyl Ketone	ND	5.0	0.42	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Methylene chloride	ND	5.0	0.63	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Methyl-t-butyl ether	ND	1.0	0.12	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Naphthalene	ND	1.0	0.10	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
n-Butylbenzene	ND	1.0	0.12	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
n-Propylbenzene	ND	1.0	0.10	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
o-Xylene	ND	1.0	0.14	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
sec-Butylbenzene	ND	1.0	0.042	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Styrene	ND	1.0	0.047	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-IN-DCN

0506408-05 (Water)

12/6/05 10:15

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
tert-Butylbenzene	ND	1.0	0.10	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Tetrachloroethene	ND	2.0	0.19	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Tetrahydrofuran	ND	5.0	1.2	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Toluene	ND	1.0	0.17	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
trans-1,2-Dichloroethene	ND	1.0	0.14	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.0	0.12	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Trichloroethene	ND	1.0	0.073	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Trichlorofluoromethane	ND	1.0	0.19	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Vinyl chloride	ND	1.0	0.25	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4	*103 %*	*Limits: 82-128%*			*B5L0223*	*12/13/05*	*12/13/05*	*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene	*102 %*	*Limits: 76-119%*			*B5L0223*	*12/13/05*	*12/13/05*	*EPA 8260B*	
Surrogate: Dibromofluoromethane	*96.4 %*	*Limits: 79-127%*			*B5L0223*	*12/13/05*	*12/13/05*	*EPA 8260B*	
Surrogate: Toluene-d8	*99.6 %*	*Limits: 82-116%*			*B5L0223*	*12/13/05*	*12/13/05*	*EPA 8260B*	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506408
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Trip Blank

0506408-06 (Water)

12/5/05 0:00

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,1,1-Trichloroethane	ND	1.0	0.050	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,1,2-Trichlorotrifluoroethane	ND	1.0	0.12	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,1-Dichloroethane	ND	1.0	0.053	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,1-Dichloroethene	ND	1.0	0.085	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,1-Dichloropropene	ND	1.0	0.073	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,2,3-Trichlorobenzene	ND	1.0	0.11	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,2,3-Trichloropropane	ND	1.0	0.30	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,2,4-Trichlorobenzene	ND	1.0	0.14	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,2,4-Trimethylbenzene	ND	1.0	0.071	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,2-Dibromo-3-chloropropane	ND	1.0	0.41	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,2-Dibromoethane	ND	1.0	0.064	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,2-Dichlorobenzene	ND	1.0	0.12	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,2-Dichloroethane	ND	1.0	0.053	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,2-Dichloropropane	ND	1.0	0.050	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,3,5-Trimethylbenzene	ND	1.0	0.097	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,3-Dichlorobenzene	ND	1.0	0.083	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,3-Dichloropropane	ND	1.0	0.13	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,4-Dichlorobenzene	ND	1.0	0.12	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
2,2-Dichloropropane	ND	1.0	0.10	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
2-Butanone (MEK)	ND	10	1.3	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
2-Chlorotoluene	ND	1.0	0.20	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
4-Chlorotoluene	ND	1.0	0.13	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
4-Isopropyltoluene	ND	1.0	0.058	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Acetone	ND	20	1.5	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Allyl Chloride	ND	1.0	0.26	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506408
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Trip Blank

0506408-06 (Water)

12/5/05 0:00

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	0.045	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Bromobenzene	ND	1.0	0.15	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Bromochloromethane	ND	1.0	0.21	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Bromodichloromethane	ND	1.0	0.11	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Bromoform	ND	5.0	0.13	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Bromomethane	ND	1.0	0.14	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Carbon Tetrachloride	ND	1.0	0.057	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Chlorobenzene	ND	1.0	0.042	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Chlorodibromomethane	ND	1.0	0.028	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Chloroethane	ND	1.0	0.11	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Chloroform	ND	1.0	0.12	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Chloromethane	ND	1.0	0.20	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.0	0.10	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.0	0.041	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Dibromomethane	ND	1.0	0.20	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Dichlorodifluoromethane	ND	1.0	0.13	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Dichlorofluoromethane	ND	1.0	0.10	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Ethyl Ether	ND	1.0	0.31	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Ethylbenzene	ND	1.0	0.10	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Hexachlorobutadiene	ND	2.0	0.24	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Isopropylbenzene	ND	1.0	0.064	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
m,p-Xylenes	ND	1.0	0.13	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Methyl Isobutyl Ketone	ND	5.0	0.42	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Methylene chloride	ND	5.0	0.63	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Methyl-t-butyl ether	ND	1.0	0.12	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Naphthalene	ND	1.0	0.10	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
n-Butylbenzene	ND	1.0	0.12	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
n-Propylbenzene	ND	1.0	0.10	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506408
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Trip Blank

0506408-06 (Water)

12/5/05 0:00

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
o-Xylene	ND	1.0	0.14	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
sec-Butylbenzene	ND	1.0	0.042	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Styrene	ND	1.0	0.047	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
tert-Butylbenzene	ND	1.0	0.10	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Tetrachloroethene	ND	2.0	0.19	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Tetrahydrofuran	ND	5.0	1.2	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Toluene	ND	1.0	0.17	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
trans-1,2-Dichloroethene	ND	1.0	0.14	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.0	0.12	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Trichloroethene	ND	1.0	0.073	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Trichlorofluoromethane	ND	1.0	0.19	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Vinyl chloride	ND	1.0	0.25	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4	*102 %*	*Limits: 82-128%*			*B5L0223*	*12/13/05*	*12/13/05*	*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene	*100 %*	*Limits: 76-119%*			*B5L0223*	*12/13/05*	*12/13/05*	*EPA 8260B*	
Surrogate: Dibromofluoromethane	*93.6 %*	*Limits: 79-127%*			*B5L0223*	*12/13/05*	*12/13/05*	*EPA 8260B*	
Surrogate: Toluene-d8	*98.8 %*	*Limits: 82-116%*			*B5L0223*	*12/13/05*	*12/13/05*	*EPA 8260B*	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506408
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Classical Chemistry Parameters - Quality Control

Batch B5L0163 - Default Prep GenChem

Method Blank (B5L0163-BLK1) Prepared & Analyzed: 12/09/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Suspended Solids	ND	5.0	3.6	mg/L	NA	NA	NA	NA	NA	NA	

Laboratory Control Sample (B5L0163-BS1) Prepared & Analyzed: 12/09/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Suspended Solids	289			mg/L	250	NA	116	80-120	NA	NA	

Batch B5L0219 - % Solids

Method Blank (B5L0219-BLK1) Prepared & Analyzed: 12/13/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
% Solids	ND			% Wt	NA	NA	NA	NA	NA	NA	

Standard Reference Material (B5L0219-SRM1) Prepared & Analyzed: 12/13/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
% Solids	90.3			% Wt	88.8	NA	102	90-110	NA	NA	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506408
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Metals - Quality Control

Batch B5L0144 - EPA 7470A

Method Blank (B5L0144-BLK1) Prepared: 12/08/05 Analyzed: 12/09/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	ND	0.20	0.011	ug/L	NA	NA	NA	NA	NA	NA	

Laboratory Control Sample (B5L0144-BS1) Prepared: 12/08/05 Analyzed: 12/09/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	2.58	0.20	0.011	ug/L	2.50	NA	103	85-115	NA	NA	

Laboratory Control Sample Duplicate (B5L0144-BSD1) Prepared: 12/08/05 Analyzed: 12/09/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	2.66	0.20	0.011	ug/L	2.50	NA	106	85-115	3.05	20	

Matrix Spike (B5L0144-MS1) **Source: 0506408-05** Prepared: 12/08/05 Analyzed: 12/09/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	2.69	0.20	0.011	ug/L	2.50	ND	108	75-125	NA	NA	

Matrix Spike Duplicate (B5L0144-MSD1) **Source: 0506408-05** Prepared: 12/08/05 Analyzed: 12/09/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	2.66	0.20	0.011	ug/L	2.50	ND	106	75-125	1.12	20	

Batch B5L0188 - EPA 7471A

Method Blank (B5L0188-BLK1) Prepared: 12/12/05 Analyzed: 12/13/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	ND	0.020	0.00090	mg/kg	NA	NA	NA	NA	NA	NA	

Laboratory Control Sample (B5L0188-BS1) Prepared: 12/12/05 Analyzed: 12/13/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.257	0.020	0.00090	mg/kg	0.250	NA	103	85-115	NA	NA	

Laboratory Control Sample Duplicate (B5L0188-BSD1) Prepared: 12/12/05 Analyzed: 12/13/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.260	0.020	0.00090	mg/kg	0.250	NA	104	85-115	1.16	20	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506408
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Metals - Quality Control

Batch B5L0188 - EPA 7471A

Standard Reference Material (B5L0188-SRM1) Prepared: 12/12/05 Analyzed: 12/13/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.71	0.19	0.0088	mg/kg	5.82	NA	98.1	68-132	NA	NA	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506408
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5L0113 - EPA 3510C

Method Blank (B5L0113-BLK1) Prepared: 12/07/05 Analyzed: 12/08/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	ND	5.0	0.33	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	ND	5.0	0.27	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Diphenylhydrazine	ND	5.0	0.37	ug/L	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	ND	5.0	0.30	ug/L	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	ND	5.0	0.29	ug/L	NA	NA	NA	NA	NA	NA	
2,4,5-Trichlorophenol	ND	5.0	0.15	ug/L	NA	NA	NA	NA	NA	NA	
2,4,6-Trichlorophenol	ND	5.0	0.23	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dichlorophenol	ND	10	0.28	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dimethylphenol	ND	5.0	0.40	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dinitrophenol	ND	5.0	0.96	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dinitrotoluene	ND	5.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
2,6-Dinitrotoluene	ND	5.0	0.58	ug/L	NA	NA	NA	NA	NA	NA	
2-Chloronaphthalene	ND	5.0	0.30	ug/L	NA	NA	NA	NA	NA	NA	
2-Chlorophenol	ND	10	0.63	ug/L	NA	NA	NA	NA	NA	NA	
2-Methylnaphthalene	ND	5.0	0.39	ug/L	NA	NA	NA	NA	NA	NA	
2-Methylphenol	ND	10	2.5	ug/L	NA	NA	NA	NA	NA	NA	
2-Nitroaniline	ND	5.0	0.46	ug/L	NA	NA	NA	NA	NA	NA	
2-Nitrophenol	ND	10	0.54	ug/L	NA	NA	NA	NA	NA	NA	
3,3-Dichlorobenzidine	ND	5.0	0.54	ug/L	NA	NA	NA	NA	NA	NA	
3-/4-Methylphenol	ND	10	0.28	ug/L	NA	NA	NA	NA	NA	NA	
3-Nitroaniline	ND	5.0	0.66	ug/L	NA	NA	NA	NA	NA	NA	
4,6-Dinitro-2-methylphenol	ND	5.0	0.70	ug/L	NA	NA	NA	NA	NA	NA	
4-Bromophenyl phenyl ether	ND	5.0	0.24	ug/L	NA	NA	NA	NA	NA	NA	
4-Chloro-3-methylphenol	ND	5.0	0.23	ug/L	NA	NA	NA	NA	NA	NA	
4-Chloroaniline	ND	5.0	0.59	ug/L	NA	NA	NA	NA	NA	NA	
4-Chlorophenyl phenyl ether	ND	2.0	0.25	ug/L	NA	NA	NA	NA	NA	NA	
4-Nitroaniline	ND	5.0	0.34	ug/L	NA	NA	NA	NA	NA	NA	
4-Nitrophenol	ND	5.0	0.82	ug/L	NA	NA	NA	NA	NA	NA	
Acenaphthene	ND	2.0	0.26	ug/L	NA	NA	NA	NA	NA	NA	
Acenaphthylene	ND	2.0	0.19	ug/L	NA	NA	NA	NA	NA	NA	
Aniline	ND	5.0	0.88	ug/L	NA	NA	NA	NA	NA	NA	
Anthracene	ND	2.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Benz(a)anthracene	ND	2.0	0.71	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(a)pyrene	ND	2.0	0.77	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(b)fluoranthene	ND	2.0	0.42	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(g,h,i)perylene	ND	2.0	0.67	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(k)fluoranthene	ND	2.0	0.75	ug/L	NA	NA	NA	NA	NA	NA	
Benzyl alcohol	ND	10	0.32	ug/L	NA	NA	NA	NA	NA	NA	
bis(2-Chloroethoxy)methane	ND	5.0	0.34	ug/L	NA	NA	NA	NA	NA	NA	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506408
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5L0113 - EPA 3510C

Method Blank (B5L0113-BLK1) Prepared: 12/07/05 Analyzed: 12/08/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Bis(2-Chloroethyl)ether	ND	5.0	0.42	ug/L	NA	NA	NA	NA	NA	NA	
Bis(2-chloroisopropyl)ether	ND	5.0	0.32	ug/L	NA	NA	NA	NA	NA	NA	
Bis(2-Ethylhexyl)phthalate	ND	5.0	1.5	ug/L	NA	NA	NA	NA	NA	NA	
Butyl benzyl phthalate	ND	5.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
Carbazole	ND	5.0	0.34	ug/L	NA	NA	NA	NA	NA	NA	
Chrysene	ND	2.0	0.70	ug/L	NA	NA	NA	NA	NA	NA	
Dibenz(a,h)anthracene	ND	2.0	0.78	ug/L	NA	NA	NA	NA	NA	NA	
Dibenzofuran	ND	5.0	0.27	ug/L	NA	NA	NA	NA	NA	NA	
Diethylphthalate	ND	5.0	0.30	ug/L	NA	NA	NA	NA	NA	NA	
Dimethyl phthalate	ND	5.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Di-n-butyl phthalate	ND	5.0	0.47	ug/L	NA	NA	NA	NA	NA	NA	
Di-n-octyl phthalate	ND	5.0	0.80	ug/L	NA	NA	NA	NA	NA	NA	
Fluoranthene	ND	2.0	0.26	ug/L	NA	NA	NA	NA	NA	NA	
Fluorene	ND	2.0	0.46	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorobenzene	ND	5.0	0.24	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorobutadiene	ND	5.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorocyclopentadiene	ND	5.0	0.28	ug/L	NA	NA	NA	NA	NA	NA	
Hexachloroethane	ND	5.0	0.35	ug/L	NA	NA	NA	NA	NA	NA	
Indeno(1,2,3-cd)pyrene	ND	2.0	0.78	ug/L	NA	NA	NA	NA	NA	NA	
Isophorone	ND	5.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Naphthalene	ND	5.0	0.32	ug/L	NA	NA	NA	NA	NA	NA	
Nitrobenzene	ND	5.0	0.27	ug/L	NA	NA	NA	NA	NA	NA	
N-Nitrosodimethylamine	ND	5.0	0.26	ug/L	NA	NA	NA	NA	NA	NA	
N-Nitrosodi-n-propylamine	ND	5.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
N-Nitrosodiphenylamine	ND	5.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
Pentachlorophenol	ND	5.0	0.54	ug/L	NA	NA	NA	NA	NA	NA	
Phenanthrene	ND	2.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Phenol	ND	10	2.1	ug/L	NA	NA	NA	NA	NA	NA	
Pyrene	ND	2.0	0.50	ug/L	NA	NA	NA	NA	NA	NA	
Pyridine	ND	10	2.4	ug/L	NA	NA	NA	NA	NA	NA	
Surrogate: 2,4,6-Tribromophenol	*38.6*			ug/L	*50.0*	*NA*	*77.2*	*65-100*			
Surrogate: 2-Fluorobiphenyl	*15.4*			ug/L	*25.0*	*NA*	*61.6*	*59-101*			
Surrogate: 2-Fluorophenol	*19.7*			ug/L	*50.0*	*NA*	*39.4*	*30-75*			
Surrogate: Nitrobenzene-d5	*13.2*			ug/L	*25.0*	*NA*	*52.8*	*57-101*			*vn*
Surrogate: Phenol-d6	*15.8*			ug/L	*50.0*	*NA*	*31.6*	*30-75*			
Surrogate: Terphenyl-d14	*22.1*			ug/L	*25.0*	*NA*	*88.4*	*65-100*			

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11001 Hampshire Ave. S.
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Service Engineering Group	Client Ref:05500	Work Order #: 0506408
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5L0113 - EPA 3510C

Laboratory Control Sample (B5L0113-BS1) Prepared: 12/07/05 Analyzed: 12/08/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	33.7	5.0	0.33	ug/L	50.0	NA	67.4	30-120	NA	NA	
1,4-Dichlorobenzene	33.3	5.0	0.29	ug/L	50.0	NA	66.6	40-110	NA	NA	
2-Chlorophenol	34.6	10	0.63	ug/L	50.0	NA	69.2	40-100	NA	NA	
4-Chloro-3-methylphenol	40.4	5.0	0.23	ug/L	50.0	NA	80.8	50-110	NA	NA	
4-Nitrophenol	26.9	5.0	0.82	ug/L	50.0	NA	53.8	30-80	NA	NA	
Acenaphthene	42.4	2.0	0.26	ug/L	50.0	NA	84.8	50-110	NA	NA	
N-Nitrosodi-n-propylamine	41.2	5.0	0.31	ug/L	50.0	NA	82.4	45-120	NA	NA	
Pentachlorophenol	40.5	5.0	0.54	ug/L	50.0	NA	81.0	45-115	NA	NA	
Phenol	23.6	10	2.1	ug/L	50.0	NA	47.2	30-80	NA	NA	
Pyrene	50.1	2.0	0.50	ug/L	50.0	NA	100	55-120	NA	NA	
Surrogate: 2,4,6-Tribromophenol	*51.0*			ug/L	*50.0*	*NA*	*102*	*65-100*			
Surrogate: 2-Fluorobiphenyl	*18.8*			ug/L	*25.0*	*NA*	*75.2*	*59-101*			
Surrogate: 2-Fluorophenol	*23.2*			ug/L	*50.0*	*NA*	*46.4*	*30-75*			
Surrogate: Nitrobenzene-d5	*17.4*			ug/L	*25.0*	*NA*	*69.6*	*57-101*			
Surrogate: Phenol-d6	*20.4*			ug/L	*50.0*	*NA*	*40.8*	*30-75*			
Surrogate: Terphenyl-d14	*23.5*			ug/L	*25.0*	*NA*	*94.0*	*65-100*			

Laboratory Control Sample Duplicate (B5L0113-BSD1) Prepared: 12/07/05 Analyzed: 12/08/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	33.8	5.0	0.33	ug/L	50.0	NA	67.6	30-120	0.296	20	
1,4-Dichlorobenzene	32.7	5.0	0.29	ug/L	50.0	NA	65.4	40-110	1.82	20	
2-Chlorophenol	33.0	10	0.63	ug/L	50.0	NA	66.0	40-100	4.73	20	
4-Chloro-3-methylphenol	40.9	5.0	0.23	ug/L	50.0	NA	81.8	50-110	1.23	20	
4-Nitrophenol	27.7	5.0	0.82	ug/L	50.0	NA	55.4	30-80	2.93	20	
Acenaphthene	42.5	2.0	0.26	ug/L	50.0	NA	85.0	50-110	0.236	20	
N-Nitrosodi-n-propylamine	39.3	5.0	0.31	ug/L	50.0	NA	78.6	45-120	4.72	20	
Pentachlorophenol	42.7	5.0	0.54	ug/L	50.0	NA	85.4	45-115	5.29	20	
Phenol	21.6	10	2.1	ug/L	50.0	NA	43.2	30-80	8.85	20	
Pyrene	49.6	2.0	0.50	ug/L	50.0	NA	99.2	55-120	1.00	20	
Surrogate: 2,4,6-Tribromophenol	*52.4*			ug/L	*50.0*	*NA*	*105*	*65-100*			
Surrogate: 2-Fluorobiphenyl	*18.4*			ug/L	*25.0*	*NA*	*73.6*	*59-101*			
Surrogate: 2-Fluorophenol	*21.0*			ug/L	*50.0*	*NA*	*42.0*	*30-75*			
Surrogate: Nitrobenzene-d5	*16.2*			ug/L	*25.0*	*NA*	*64.8*	*57-101*			
Surrogate: Phenol-d6	*18.7*			ug/L	*50.0*	*NA*	*37.4*	*30-75*			
Surrogate: Terphenyl-d14	*23.1*			ug/L	*25.0*	*NA*	*92.4*	*65-100*			

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Service Engineering Group	Client Ref:05500	Work Order #: 0506408
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5L0113 - EPA 3510C

Matrix Spike (B5L0113-MS1) **Source: 0506408-01** Prepared: 12/07/05 Analyzed: 12/08/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	73.4	10	0.68	ug/L	103	ND	71.3	30-130	NA	NA	
1,4-Dichlorobenzene	73.4	10	0.60	ug/L	103	ND	71.3	30-130	NA	NA	
2-Chlorophenol	77.3	21	1.3	ug/L	103	ND	75.0	30-130	NA	NA	
4-Chloro-3-methylphenol	88.2	10	0.48	ug/L	103	ND	85.6	30-130	NA	NA	
4-Nitrophenol	88.8	10	1.7	ug/L	103	ND	86.2	30-130	NA	NA	
Acenaphthene	88.2	4.1	0.54	ug/L	103	ND	85.6	30-130	NA	NA	
N-Nitrosodi-n-propylamine	86.8	10	0.64	ug/L	103	ND	84.3	30-130	NA	NA	
Pentachlorophenol	87.9	10	1.1	ug/L	103	ND	85.3	30-130	NA	NA	
Phenol	77.1	21	4.4	ug/L	103	ND	74.9	30-130	NA	NA	
Pyrene	103	4.1	1.0	ug/L	103	ND	100	30-130	NA	NA	
Surrogate: 2,4,6-Tribromophenol	*102*			ug/L	*103*	*NA*	*99.0*	*65-100*			
Surrogate: 2-Fluorobiphenyl	*40.6*			ug/L	*51.5*	*NA*	*78.8*	*59-101*			
Surrogate: 2-Fluorophenol	*62.3*			ug/L	*103*	*NA*	*60.5*	*30-75*			
Surrogate: Nitrobenzene-d5	*35.1*			ug/L	*51.5*	*NA*	*68.2*	*57-101*			
Surrogate: Phenol-d6	*65.1*			ug/L	*103*	*NA*	*63.2*	*30-75*			
Surrogate: Terphenyl-d14	*48.0*			ug/L	*51.5*	*NA*	*93.2*	*65-100*			

Matrix Spike Duplicate (B5L0113-MSD1) **Source: 0506408-01** Prepared: 12/07/05 Analyzed: 12/08/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	63.4	9.8	0.65	ug/L	98.0	ND	64.7	30-130	14.6	30	
1,4-Dichlorobenzene	63.2	9.8	0.57	ug/L	98.0	ND	64.5	30-130	14.9	30	
2-Chlorophenol	67.6	20	1.2	ug/L	98.0	ND	69.0	30-130	13.4	30	
4-Chloro-3-methylphenol	81.9	9.8	0.46	ug/L	98.0	ND	83.6	30-130	7.41	30	
4-Nitrophenol	86.1	9.8	1.6	ug/L	98.0	ND	87.9	30-130	3.09	30	
Acenaphthene	83.3	3.9	0.51	ug/L	98.0	ND	85.0	30-130	5.71	30	
N-Nitrosodi-n-propylamine	74.7	9.8	0.61	ug/L	98.0	ND	76.2	30-130	15.0	30	
Pentachlorophenol	84.2	9.8	1.1	ug/L	98.0	ND	85.9	30-130	4.30	30	
Phenol	64.2	20	4.1	ug/L	98.0	ND	65.5	30-130	18.3	30	
Pyrene	96.8	3.9	0.98	ug/L	98.0	ND	98.8	30-130	6.21	30	
Surrogate: 2,4,6-Tribromophenol	*96.2*			ug/L	*98.0*	*NA*	*98.2*	*65-100*			
Surrogate: 2-Fluorobiphenyl	*39.5*			ug/L	*49.0*	*NA*	*80.6*	*59-101*			
Surrogate: 2-Fluorophenol	*52.7*			ug/L	*98.0*	*NA*	*53.8*	*30-75*			
Surrogate: Nitrobenzene-d5	*30.8*			ug/L	*49.0*	*NA*	*62.9*	*57-101*			
Surrogate: Phenol-d6	*56.6*			ug/L	*98.0*	*NA*	*57.8*	*30-75*			
Surrogate: Terphenyl-d14	*45.1*			ug/L	*49.0*	*NA*	*92.0*	*65-100*			

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Service Engineering Group	Client Ref:05500	Work Order #: 0506408
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5L0115 - EPA 3545

Method Blank (B5L0115-BLK1) Prepared: 12/07/05 Analyzed: 12/09/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	ND	0.067	0.0050	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Diphenylhydrazine	ND	0.067	0.0060	mg/kg	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	ND	0.067	0.0080	mg/kg	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
2,4,5-Trichlorophenol	ND	0.067	0.019	mg/kg	NA	NA	NA	NA	NA	NA	
2,4,6-Trichlorophenol	ND	0.067	0.017	mg/kg	NA	NA	NA	NA	NA	NA	
2,4-Dichlorophenol	ND	0.067	0.019	mg/kg	NA	NA	NA	NA	NA	NA	
2,4-Dimethylphenol	ND	0.17	0.059	mg/kg	NA	NA	NA	NA	NA	NA	
2,4-Dinitrophenol	ND	0.17	0.018	mg/kg	NA	NA	NA	NA	NA	NA	
2,4-Dinitrotoluene	ND	0.067	0.0070	mg/kg	NA	NA	NA	NA	NA	NA	
2,6-Dinitrotoluene	ND	0.067	0.0060	mg/kg	NA	NA	NA	NA	NA	NA	
2-Chloronaphthalene	ND	0.067	0.0070	mg/kg	NA	NA	NA	NA	NA	NA	
2-Chlorophenol	ND	0.067	0.018	mg/kg	NA	NA	NA	NA	NA	NA	
2-Methylnaphthalene	ND	0.067	0.023	mg/kg	NA	NA	NA	NA	NA	NA	
2-Methylphenol	ND	0.17	0.017	mg/kg	NA	NA	NA	NA	NA	NA	
2-Nitroaniline	ND	0.067	0.018	mg/kg	NA	NA	NA	NA	NA	NA	
2-Nitrophenol	ND	0.067	0.019	mg/kg	NA	NA	NA	NA	NA	NA	
3,3-Dichlorobenzidine	ND	0.33	0.017	mg/kg	NA	NA	NA	NA	NA	NA	
3-/4-Methylphenol	ND	0.17	0.021	mg/kg	NA	NA	NA	NA	NA	NA	
3-Nitroaniline	ND	0.17	0.018	mg/kg	NA	NA	NA	NA	NA	NA	
4,6-Dinitro-2-methylphenol	ND	0.17	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
4-Bromophenyl phenyl ether	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
4-Chloro-3-methylphenol	ND	0.067	0.022	mg/kg	NA	NA	NA	NA	NA	NA	
4-Chloroaniline	ND	0.17	0.018	mg/kg	NA	NA	NA	NA	NA	NA	
4-Chlorophenyl phenyl ether	ND	0.067	0.011	mg/kg	NA	NA	NA	NA	NA	NA	
4-Nitroaniline	ND	0.067	0.015	mg/kg	NA	NA	NA	NA	NA	NA	
4-Nitrophenol	ND	0.067	0.021	mg/kg	NA	NA	NA	NA	NA	NA	
Acenaphthene	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Acenaphthylene	ND	0.067	0.0070	mg/kg	NA	NA	NA	NA	NA	NA	
Aniline	ND	0.17	0.042	mg/kg	NA	NA	NA	NA	NA	NA	
Anthracene	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Benz(a)anthracene	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Benzo(a)pyrene	ND	0.067	0.0080	mg/kg	NA	NA	NA	NA	NA	NA	
Benzo(b)fluoranthene	ND	0.067	0.017	mg/kg	NA	NA	NA	NA	NA	NA	
Benzo(g,h,i)perylene	ND	0.067	0.0060	mg/kg	NA	NA	NA	NA	NA	NA	
Benzo(k)fluoranthene	ND	0.067	0.014	mg/kg	NA	NA	NA	NA	NA	NA	
Benzyl alcohol	ND	0.067	0.027	mg/kg	NA	NA	NA	NA	NA	NA	
bis(2-Chloroethoxy)methane	ND	0.067	0.011	mg/kg	NA	NA	NA	NA	NA	NA	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5L0115 - EPA 3545

Method Blank (B5L0115-BLK1) Prepared: 12/07/05 Analyzed: 12/09/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Bis(2-Chloroethyl)ether	ND	0.067	0.012	mg/kg	NA	NA	NA	NA	NA	NA	
Bis(2-chloroisopropyl)ether	ND	0.067	0.014	mg/kg	NA	NA	NA	NA	NA	NA	
Bis(2-Ethylhexyl)phthalate	ND	0.33	0.0090	mg/kg	NA	NA	NA	NA	NA	NA	
Butyl benzyl phthalate	ND	0.067	0.0080	mg/kg	NA	NA	NA	NA	NA	NA	
Carbazole	ND	0.067	0.015	mg/kg	NA	NA	NA	NA	NA	NA	
Chrysene	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Dibenz(a,h)anthracene	ND	0.067	0.021	mg/kg	NA	NA	NA	NA	NA	NA	
Dibenzofuran	ND	0.067	0.013	mg/kg	NA	NA	NA	NA	NA	NA	
Diethylphthalate	ND	0.067	0.011	mg/kg	NA	NA	NA	NA	NA	NA	
Dimethyl phthalate	ND	0.067	0.011	mg/kg	NA	NA	NA	NA	NA	NA	
Di-n-butyl phthalate	ND	0.33	0.014	mg/kg	NA	NA	NA	NA	NA	NA	
Di-n-octyl phthalate	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Fluoranthene	ND	0.067	0.0070	mg/kg	NA	NA	NA	NA	NA	NA	
Fluorene	ND	0.067	0.0040	mg/kg	NA	NA	NA	NA	NA	NA	
Hexachlorobenzene	ND	0.067	0.0090	mg/kg	NA	NA	NA	NA	NA	NA	
Hexachlorobutadiene	ND	0.067	0.0060	mg/kg	NA	NA	NA	NA	NA	NA	
Hexachlorocyclopentadiene	ND	0.067	0.0090	mg/kg	NA	NA	NA	NA	NA	NA	
Hexachloroethane	ND	0.067	0.0090	mg/kg	NA	NA	NA	NA	NA	NA	
Indeno(1,2,3-cd)pyrene	ND	0.067	0.0090	mg/kg	NA	NA	NA	NA	NA	NA	
Isophorone	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Naphthalene	ND	0.067	0.0050	mg/kg	NA	NA	NA	NA	NA	NA	
Nitrobenzene	ND	0.067	0.012	mg/kg	NA	NA	NA	NA	NA	NA	
N-Nitrosodimethylamine	ND	0.067	0.021	mg/kg	NA	NA	NA	NA	NA	NA	
N-Nitrosodi-n-propylamine	ND	0.067	0.012	mg/kg	NA	NA	NA	NA	NA	NA	
N-Nitrosodiphenylamine	ND	0.067	0.0070	mg/kg	NA	NA	NA	NA	NA	NA	
Pentachlorophenol	ND	0.17	0.019	mg/kg	NA	NA	NA	NA	NA	NA	
Phenanthrene	ND	0.067	0.0080	mg/kg	NA	NA	NA	NA	NA	NA	
Phenol	ND	0.067	0.018	mg/kg	NA	NA	NA	NA	NA	NA	
Pyrene	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Pyridine	ND	0.067	0.039	mg/kg	NA	NA	NA	NA	NA	NA	
Surrogate: 2,4,6-Tribromophenol	*0.670*			mg/kg	*1.67*	*NA*	*40.1*	*30-150*			
Surrogate: 2-Fluorobiphenyl	*0.664*			mg/kg	*0.833*	*NA*	*79.7*	*30-104*			
Surrogate: 2-Fluorophenol	*1.10*			mg/kg	*1.67*	*NA*	*65.9*	*30-106*			
Surrogate: Nitrobenzene-d5	*0.551*			mg/kg	*0.833*	*NA*	*66.1*	*30-90*			
Surrogate: Phenol-d6	*1.13*			mg/kg	*1.67*	*NA*	*67.7*	*30-102*			
Surrogate: Terphenyl-d14	*0.718*			mg/kg	*0.833*	*NA*	*86.2*	*30-115*			

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Service Engineering Group	Client Ref:05500	Work Order #: 0506408
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5L0115 - EPA 3545

Laboratory Control Sample (B5L0115-BS1) Prepared: 12/07/05 Analyzed: 12/09/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	1.28	0.067	0.010	mg/kg	1.67	NA	76.6	55-115	NA	NA	
1,4-Dichlorobenzene	1.30	0.067	0.010	mg/kg	1.67	NA	77.8	55-115	NA	NA	
2,4-Dinitrotoluene	1.53	0.067	0.0070	mg/kg	1.67	NA	91.6	60-130	NA	NA	
2-Chlorophenol	1.38	0.067	0.018	mg/kg	1.67	NA	82.6	55-115	NA	NA	
4-Chloro-3-methylphenol	1.42	0.067	0.022	mg/kg	1.67	NA	85.0	55-115	NA	NA	
4-Nitrophenol	1.40	0.067	0.021	mg/kg	1.67	NA	83.8	45-130	NA	NA	
Acenaphthene	1.44	0.067	0.010	mg/kg	1.67	NA	86.2	50-115	NA	NA	
N-Nitrosodi-n-propylamine	1.40	0.067	0.012	mg/kg	1.67	NA	83.8	65-115	NA	NA	
Pentachlorophenol	0.848	0.17	0.019	mg/kg	1.67	NA	50.8	30-130	NA	NA	
Phenol	1.46	0.067	0.018	mg/kg	1.67	NA	87.4	55-115	NA	NA	
Pyrene	1.60	0.067	0.010	mg/kg	1.67	NA	95.8	50-130	NA	NA	
Surrogate: 2,4,6-Tribromophenol	*1.47*			mg/kg	*1.67*	*NA*	*88.0*	*30-150*			
Surrogate: 2-Fluorobiphenyl	*0.693*			mg/kg	*0.833*	*NA*	*83.2*	*30-104*			
Surrogate: 2-Fluorophenol	*1.19*			mg/kg	*1.67*	*NA*	*71.3*	*30-106*			
Surrogate: Nitrobenzene-d5	*0.593*			mg/kg	*0.833*	*NA*	*71.2*	*30-90*			
Surrogate: Phenol-d6	*1.30*			mg/kg	*1.67*	*NA*	*77.8*	*30-102*			
Surrogate: Terphenyl-d14	*0.748*			mg/kg	*0.833*	*NA*	*89.8*	*30-115*			

Laboratory Control Sample Duplicate (B5L0115-BSD1) Prepared: 12/07/05 Analyzed: 12/09/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	1.28	0.067	0.010	mg/kg	1.67	NA	76.6	55-115	0.00	25	
1,4-Dichlorobenzene	1.28	0.067	0.010	mg/kg	1.67	NA	76.6	55-115	1.55	25	
2,4-Dinitrotoluene	1.48	0.067	0.0070	mg/kg	1.67	NA	88.6	60-130	3.32	25	
2-Chlorophenol	1.39	0.067	0.018	mg/kg	1.67	NA	83.2	55-115	0.722	25	
4-Chloro-3-methylphenol	1.37	0.067	0.022	mg/kg	1.67	NA	82.0	55-115	3.58	25	
4-Nitrophenol	1.37	0.067	0.021	mg/kg	1.67	NA	82.0	45-130	2.17	30	
Acenaphthene	1.43	0.067	0.010	mg/kg	1.67	NA	85.6	50-115	0.697	25	
N-Nitrosodi-n-propylamine	1.40	0.067	0.012	mg/kg	1.67	NA	83.8	65-115	0.00	25	
Pentachlorophenol	0.746	0.17	0.019	mg/kg	1.67	NA	44.7	30-130	12.8	30	
Phenol	1.43	0.067	0.018	mg/kg	1.67	NA	85.6	55-115	2.08	25	
Pyrene	1.62	0.067	0.010	mg/kg	1.67	NA	97.0	50-130	1.24	25	
Surrogate: 2,4,6-Tribromophenol	*1.42*			mg/kg	*1.67*	*NA*	*85.0*	*30-150*			
Surrogate: 2-Fluorobiphenyl	*0.684*			mg/kg	*0.833*	*NA*	*82.1*	*30-104*			
Surrogate: 2-Fluorophenol	*1.13*			mg/kg	*1.67*	*NA*	*67.7*	*30-106*			
Surrogate: Nitrobenzene-d5	*0.591*			mg/kg	*0.833*	*NA*	*70.9*	*30-90*			
Surrogate: Phenol-d6	*1.30*			mg/kg	*1.67*	*NA*	*77.8*	*30-102*			
Surrogate: Terphenyl-d14	*0.747*			mg/kg	*0.833*	*NA*	*89.7*	*30-115*			

The results in this report apply only to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Service Engineering Group	Client Ref:05500	Work Order #: 0506408
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0223 - EPA 5030B

Method Blank (B5L0223-BLK1) Prepared & Analyzed: 12/13/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
1,1,1-Trichloroethane	ND	1.0	0.050	ug/L	NA	NA	NA	NA	NA	NA	
1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/L	NA	NA	NA	NA	NA	NA	
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
1,1,2-Trichlorotrifluoroethane	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
1,1-Dichloroethane	ND	1.0	0.053	ug/L	NA	NA	NA	NA	NA	NA	
1,1-Dichloroethene	ND	1.0	0.085	ug/L	NA	NA	NA	NA	NA	NA	
1,1-Dichloropropene	ND	1.0	0.073	ug/L	NA	NA	NA	NA	NA	NA	
1,2,3-Trichlorobenzene	ND	1.0	0.11	ug/L	NA	NA	NA	NA	NA	NA	
1,2,3-Trichloropropane	ND	1.0	0.30	ug/L	NA	NA	NA	NA	NA	NA	
1,2,4-Trichlorobenzene	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
1,2,4-Trimethylbenzene	ND	1.0	0.071	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dibromo-3-chloropropane	ND	1.0	0.41	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dibromoethane	ND	1.0	0.064	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichloroethane	ND	1.0	0.053	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichloropropane	ND	1.0	0.050	ug/L	NA	NA	NA	NA	NA	NA	
1,3,5-Trimethylbenzene	ND	1.0	0.097	ug/L	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	ND	1.0	0.083	ug/L	NA	NA	NA	NA	NA	NA	
1,3-Dichloropropane	ND	1.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
2,2-Dichloropropane	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
2-Butanone (MEK)	ND	10	1.3	ug/L	NA	NA	NA	NA	NA	NA	
2-Chlorotoluene	ND	1.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
4-Chlorotoluene	ND	1.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
4-Isopropyltoluene	ND	1.0	0.058	ug/L	NA	NA	NA	NA	NA	NA	
Acetone	ND	20	1.5	ug/L	NA	NA	NA	NA	NA	NA	
Allyl Chloride	ND	1.0	0.26	ug/L	NA	NA	NA	NA	NA	NA	
Benzene	ND	1.0	0.045	ug/L	NA	NA	NA	NA	NA	NA	
Bromobenzene	ND	1.0	0.15	ug/L	NA	NA	NA	NA	NA	NA	
Bromochloromethane	ND	1.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Bromodichloromethane	ND	1.0	0.11	ug/L	NA	NA	NA	NA	NA	NA	
Bromoform	ND	5.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
Bromomethane	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
Carbon Tetrachloride	ND	1.0	0.057	ug/L	NA	NA	NA	NA	NA	NA	
Chlorobenzene	ND	1.0	0.042	ug/L	NA	NA	NA	NA	NA	NA	
Chlorodibromomethane	ND	1.0	0.028	ug/L	NA	NA	NA	NA	NA	NA	
Chloroethane	ND	1.0	0.11	ug/L	NA	NA	NA	NA	NA	NA	
Chloroform	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506408
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0223 - EPA 5030B

Method Blank (B5L0223-BLK1) Prepared & Analyzed: 12/13/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	ND	1.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
cis-1,2-Dichloroethene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
cis-1,3-Dichloropropene	ND	1.0	0.041	ug/L	NA	NA	NA	NA	NA	NA	
Dibromomethane	ND	1.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
Dichlorodifluoromethane	ND	1.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
Dichlorofluoromethane	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
Ethyl Ether	ND	1.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
Ethylbenzene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorobutadiene	ND	2.0	0.24	ug/L	NA	NA	NA	NA	NA	NA	
Isopropylbenzene	ND	1.0	0.064	ug/L	NA	NA	NA	NA	NA	NA	
m,p-Xylenes	ND	1.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
Methyl Isobutyl Ketone	ND	5.0	0.42	ug/L	NA	NA	NA	NA	NA	NA	
Methylene chloride	ND	5.0	0.63	ug/L	NA	NA	NA	NA	NA	NA	
Methyl-t-butyl ether	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
Naphthalene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
n-Butylbenzene	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
n-Propylbenzene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
o-Xylene	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
sec-Butylbenzene	ND	1.0	0.042	ug/L	NA	NA	NA	NA	NA	NA	
Styrene	ND	1.0	0.047	ug/L	NA	NA	NA	NA	NA	NA	
tert-Butylbenzene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
Tetrachloroethene	ND	2.0	0.19	ug/L	NA	NA	NA	NA	NA	NA	
Tetrahydrofuran	ND	5.0	1.2	ug/L	NA	NA	NA	NA	NA	NA	
Toluene	ND	1.0	0.17	ug/L	NA	NA	NA	NA	NA	NA	
trans-1,2-Dichloroethene	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
trans-1,3-Dichloropropene	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
Trichloroethene	ND	1.0	0.073	ug/L	NA	NA	NA	NA	NA	NA	
Trichlorofluoromethane	ND	1.0	0.19	ug/L	NA	NA	NA	NA	NA	NA	
Vinyl chloride	ND	1.0	0.25	ug/L	NA	NA	NA	NA	NA	NA	
Surrogate: 1,2-Dichloroethane-d4	*25.3*			ug/L	*25.0*	*NA*	*101*	*82-128*			
Surrogate: 4-Bromofluorobenzene	*24.9*			ug/L	*25.0*	*NA*	*99.6*	*76-119*			
Surrogate: Dibromofluoromethane	*24.0*			ug/L	*25.0*	*NA*	*96.0*	*79-127*			
Surrogate: Toluene-d8	*24.7*			ug/L	*25.0*	*NA*	*98.8*	*82-116*			

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Service Engineering Group	Client Ref:05500	Work Order #: 0506408
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0223 - EPA 5030B

Laboratory Control Sample (B5L0223-BS1) Prepared & Analyzed: 12/13/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	24.8	1.0	0.14	ug/L	25.0	NA	99.2	80-120	NA	NA	
1,1,1-Trichloroethane	24.4	1.0	0.050	ug/L	25.0	NA	97.6	80-120	NA	NA	
1,1,2,2-Tetrachloroethane	24.6	1.0	0.23	ug/L	25.0	NA	98.4	80-120	NA	NA	
1,1,2-Trichloroethane	23.2	1.0	0.20	ug/L	25.0	NA	92.8	80-120	NA	NA	
1,1,2-Trichlorotrifluoroethane	23.6	1.0	0.12	ug/L	25.0	NA	94.4	80-120	NA	NA	
1,1-Dichloroethane	22.6	1.0	0.053	ug/L	25.0	NA	90.4	80-120	NA	NA	
1,1-Dichloroethene	22.8	1.0	0.085	ug/L	25.0	NA	91.2	80-120	NA	NA	
1,1-Dichloropropene	23.6	1.0	0.073	ug/L	25.0	NA	94.4	80-120	NA	NA	
1,2,3-Trichlorobenzene	22.5	1.0	0.11	ug/L	25.0	NA	90.0	80-120	NA	NA	
1,2,3-Trichloropropane	24.5	1.0	0.30	ug/L	25.0	NA	98.0	80-120	NA	NA	
1,2,4-Trichlorobenzene	22.0	1.0	0.14	ug/L	25.0	NA	88.0	80-120	NA	NA	
1,2,4-Trimethylbenzene	22.7	1.0	0.071	ug/L	25.0	NA	90.8	80-120	NA	NA	
1,2-Dibromo-3-chloropropane	23.3	1.0	0.41	ug/L	25.0	NA	93.2	80-120	NA	NA	
1,2-Dibromoethane	24.5	1.0	0.064	ug/L	25.0	NA	98.0	80-120	NA	NA	
1,2-Dichlorobenzene	22.4	1.0	0.12	ug/L	25.0	NA	89.6	80-120	NA	NA	
1,2-Dichloroethane	23.9	1.0	0.053	ug/L	25.0	NA	95.6	80-120	NA	NA	
1,2-Dichloropropane	23.6	1.0	0.050	ug/L	25.0	NA	94.4	80-120	NA	NA	
1,3,5-Trimethylbenzene	22.6	1.0	0.097	ug/L	25.0	NA	90.4	80-120	NA	NA	
1,3-Dichlorobenzene	22.0	1.0	0.083	ug/L	25.0	NA	88.0	80-120	NA	NA	
1,3-Dichloropropane	23.9	1.0	0.13	ug/L	25.0	NA	95.6	80-120	NA	NA	
1,4-Dichlorobenzene	21.8	1.0	0.12	ug/L	25.0	NA	87.2	80-120	NA	NA	
2,2-Dichloropropane	24.4	1.0	0.10	ug/L	25.0	NA	97.6	80-120	NA	NA	
2-Butanone (MEK)	24.4	10	1.3	ug/L	25.0	NA	97.6	80-120	NA	NA	
2-Chlorotoluene	22.4	1.0	0.20	ug/L	25.0	NA	89.6	80-120	NA	NA	
4-Chlorotoluene	22.5	1.0	0.13	ug/L	25.0	NA	90.0	80-120	NA	NA	
4-Isopropyltoluene	22.5	1.0	0.058	ug/L	25.0	NA	90.0	80-120	NA	NA	
Acetone	28.6	20	1.5	ug/L	25.0	NA	114	80-120	NA	NA	
Allyl Chloride	22.9	1.0	0.26	ug/L	25.0	NA	91.6	80-120	NA	NA	
Benzene	23.5	1.0	0.045	ug/L	25.0	NA	94.0	80-120	NA	NA	
Bromobenzene	22.3	1.0	0.15	ug/L	25.0	NA	89.2	80-120	NA	NA	
Bromochloromethane	23.3	1.0	0.21	ug/L	25.0	NA	93.2	80-120	NA	NA	
Bromodichloromethane	25.4	1.0	0.11	ug/L	25.0	NA	102	80-120	NA	NA	
Bromoform	26.2	5.0	0.13	ug/L	25.0	NA	105	80-120	NA	NA	
Bromomethane	27.0	1.0	0.14	ug/L	25.0	NA	108	80-120	NA	NA	
Carbon Tetrachloride	26.4	1.0	0.057	ug/L	25.0	NA	106	80-120	NA	NA	
Chlorobenzene	23.5	1.0	0.042	ug/L	25.0	NA	94.0	80-120	NA	NA	
Chlorodibromomethane	26.0	1.0	0.028	ug/L	25.0	NA	104	80-120	NA	NA	
Chloroethane	24.2	1.0	0.11	ug/L	25.0	NA	96.8	80-120	NA	NA	
Chloroform	23.2	1.0	0.12	ug/L	25.0	NA	92.8	80-120	NA	NA	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506408
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0223 - EPA 5030B

Laboratory Control Sample (B5L0223-BS1) Prepared & Analyzed: 12/13/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	23.2	1.0	0.20	ug/L	25.0	NA	92.8	80-120	NA	NA	
cis-1,2-Dichloroethene	22.9	1.0	0.10	ug/L	25.0	NA	91.6	80-120	NA	NA	
cis-1,3-Dichloropropene	25.2	1.0	0.041	ug/L	25.0	NA	101	80-120	NA	NA	
Dibromomethane	24.4	1.0	0.20	ug/L	25.0	NA	97.6	80-120	NA	NA	
Dichlorodifluoromethane	23.4	1.0	0.13	ug/L	25.0	NA	93.6	80-120	NA	NA	
Dichlorofluoromethane	24.2	1.0	0.10	ug/L	25.0	NA	96.8	80-120	NA	NA	
Ethyl Ether	24.2	1.0	0.31	ug/L	25.0	NA	96.8	80-120	NA	NA	
Ethylbenzene	24.7	1.0	0.10	ug/L	25.0	NA	98.8	80-120	NA	NA	
Hexachlorobutadiene	21.1	2.0	0.24	ug/L	25.0	NA	84.4	80-120	NA	NA	
Isopropylbenzene	24.8	1.0	0.064	ug/L	25.0	NA	99.2	80-120	NA	NA	
m,p-Xylenes	48.7	1.0	0.13	ug/L	50.0	NA	97.4	80-120	NA	NA	
Methyl Isobutyl Ketone	23.5	5.0	0.42	ug/L	25.0	NA	94.0	80-120	NA	NA	
Methylene chloride	21.1	5.0	0.63	ug/L	25.0	NA	84.4	80-120	NA	NA	
Methyl-t-butyl ether	24.2	1.0	0.12	ug/L	25.0	NA	96.8	80-120	NA	NA	
Naphthalene	22.5	1.0	0.10	ug/L	25.0	NA	90.0	80-120	NA	NA	
n-Butylbenzene	22.4	1.0	0.12	ug/L	25.0	NA	89.6	80-120	NA	NA	
n-Propylbenzene	22.5	1.0	0.10	ug/L	25.0	NA	90.0	80-120	NA	NA	
o-Xylene	24.5	1.0	0.14	ug/L	25.0	NA	98.0	80-120	NA	NA	
sec-Butylbenzene	22.4	1.0	0.042	ug/L	25.0	NA	89.6	80-120	NA	NA	
Styrene	25.9	1.0	0.047	ug/L	25.0	NA	104	80-120	NA	NA	
tert-Butylbenzene	22.9	1.0	0.10	ug/L	25.0	NA	91.6	80-120	NA	NA	
Tetrachloroethene	22.5	2.0	0.19	ug/L	25.0	NA	90.0	80-120	NA	NA	
Tetrahydrofuran	24.1	5.0	1.2	ug/L	25.0	NA	96.4	80-120	NA	NA	
Toluene	22.6	1.0	0.17	ug/L	25.0	NA	90.4	80-120	NA	NA	
trans-1,2-Dichloroethene	22.5	1.0	0.14	ug/L	25.0	NA	90.0	80-120	NA	NA	
trans-1,3-Dichloropropene	25.7	1.0	0.12	ug/L	25.0	NA	103	80-120	NA	NA	
Trichloroethene	24.1	1.0	0.073	ug/L	25.0	NA	96.4	80-120	NA	NA	
Trichlorofluoromethane	25.6	1.0	0.19	ug/L	25.0	NA	102	80-120	NA	NA	
Vinyl chloride	25.3	1.0	0.25	ug/L	25.0	NA	101	80-120	NA	NA	
Surrogate: 1,2-Dichloroethane-d4	*24.8*			ug/L	*25.0*	*NA*	*99.2*	*82-128*			
Surrogate: 4-Bromofluorobenzene	*26.0*			ug/L	*25.0*	*NA*	*104*	*76-119*			
Surrogate: Dibromofluoromethane	*24.9*			ug/L	*25.0*	*NA*	*99.6*	*79-127*			
Surrogate: Toluene-d8	*24.6*			ug/L	*25.0*	*NA*	*98.4*	*82-116*			

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Service Engineering Group	Client Ref:05500	Work Order #: 0506408
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0223 - EPA 5030B

Laboratory Control Sample Duplicate (B5L0223-BSD1) Prepared & Analyzed: 12/13/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	25.6	1.0	0.14	ug/L	25.0	NA	102	80-120	3.17	20	
1,1,1-Trichloroethane	24.7	1.0	0.050	ug/L	25.0	NA	98.8	80-120	1.22	20	
1,1,2,2-Tetrachloroethane	24.5	1.0	0.23	ug/L	25.0	NA	98.0	80-120	0.407	20	
1,1,2-Trichloroethane	22.9	1.0	0.20	ug/L	25.0	NA	91.6	80-120	1.30	20	
1,1,2-Trichlorotrifluoroethane	23.8	1.0	0.12	ug/L	25.0	NA	95.2	80-120	0.844	20	
1,1-Dichloroethane	22.2	1.0	0.053	ug/L	25.0	NA	88.8	80-120	1.79	20	
1,1-Dichloroethene	22.5	1.0	0.085	ug/L	25.0	NA	90.0	80-120	1.32	20	
1,1-Dichloropropene	23.7	1.0	0.073	ug/L	25.0	NA	94.8	80-120	0.423	20	
1,2,3-Trichlorobenzene	20.6	1.0	0.11	ug/L	25.0	NA	82.4	80-120	8.82	20	
1,2,3-Trichloropropane	24.1	1.0	0.30	ug/L	25.0	NA	96.4	80-120	1.65	20	
1,2,4-Trichlorobenzene	21.7	1.0	0.14	ug/L	25.0	NA	86.8	80-120	1.37	20	
1,2,4-Trimethylbenzene	24.5	1.0	0.071	ug/L	25.0	NA	98.0	80-120	7.63	20	
1,2-Dibromo-3-chloropropane	24.0	1.0	0.41	ug/L	25.0	NA	96.0	80-120	2.96	20	
1,2-Dibromoethane	24.6	1.0	0.064	ug/L	25.0	NA	98.4	80-120	0.407	20	
1,2-Dichlorobenzene	23.7	1.0	0.12	ug/L	25.0	NA	94.8	80-120	5.64	20	
1,2-Dichloroethane	23.4	1.0	0.053	ug/L	25.0	NA	93.6	80-120	2.11	20	
1,2-Dichloropropane	23.2	1.0	0.050	ug/L	25.0	NA	92.8	80-120	1.71	20	
1,3,5-Trimethylbenzene	24.2	1.0	0.097	ug/L	25.0	NA	96.8	80-120	6.84	20	
1,3-Dichlorobenzene	23.4	1.0	0.083	ug/L	25.0	NA	93.6	80-120	6.17	20	
1,3-Dichloropropane	23.8	1.0	0.13	ug/L	25.0	NA	95.2	80-120	0.419	20	
1,4-Dichlorobenzene	23.0	1.0	0.12	ug/L	25.0	NA	92.0	80-120	5.36	20	
2,2-Dichloropropane	24.6	1.0	0.10	ug/L	25.0	NA	98.4	80-120	0.816	20	
2-Butanone (MEK)	22.0	10	1.3	ug/L	25.0	NA	88.0	80-120	10.3	20	
2-Chlorotoluene	23.6	1.0	0.20	ug/L	25.0	NA	94.4	80-120	5.22	20	
4-Chlorotoluene	23.8	1.0	0.13	ug/L	25.0	NA	95.2	80-120	5.62	20	
4-Isopropyltoluene	24.1	1.0	0.058	ug/L	25.0	NA	96.4	80-120	6.87	20	
Acetone	28.2	20	1.5	ug/L	25.0	NA	113	80-120	1.41	20	
Allyl Chloride	23.0	1.0	0.26	ug/L	25.0	NA	92.0	80-120	0.436	20	
Benzene	23.5	1.0	0.045	ug/L	25.0	NA	94.0	80-120	0.00	20	
Bromobenzene	23.3	1.0	0.15	ug/L	25.0	NA	93.2	80-120	4.39	20	
Bromochloromethane	23.3	1.0	0.21	ug/L	25.0	NA	93.2	80-120	0.00	20	
Bromodichloromethane	25.3	1.0	0.11	ug/L	25.0	NA	101	80-120	0.394	20	
Bromoform	26.4	5.0	0.13	ug/L	25.0	NA	106	80-120	0.760	20	
Bromomethane	27.9	1.0	0.14	ug/L	25.0	NA	112	80-120	3.28	20	
Carbon Tetrachloride	27.3	1.0	0.057	ug/L	25.0	NA	109	80-120	3.35	20	
Chlorobenzene	24.0	1.0	0.042	ug/L	25.0	NA	96.0	80-120	2.11	20	
Chlorodibromomethane	26.2	1.0	0.028	ug/L	25.0	NA	105	80-120	0.766	20	
Chloroethane	24.1	1.0	0.11	ug/L	25.0	NA	96.4	80-120	0.414	20	
Chloroform	23.2	1.0	0.12	ug/L	25.0	NA	92.8	80-120	0.00	20	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506408
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0223 - EPA 5030B

Laboratory Control Sample Duplicate (B5L0223-BSD1) Prepared & Analyzed: 12/13/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	22.6	1.0	0.20	ug/L	25.0	NA	90.4	80-120	2.62	20	
cis-1,2-Dichloroethene	22.6	1.0	0.10	ug/L	25.0	NA	90.4	80-120	1.32	20	
cis-1,3-Dichloropropene	25.0	1.0	0.041	ug/L	25.0	NA	100	80-120	0.797	20	
Dibromomethane	23.9	1.0	0.20	ug/L	25.0	NA	95.6	80-120	2.07	20	
Dichlorodifluoromethane	23.8	1.0	0.13	ug/L	25.0	NA	95.2	80-120	1.69	20	
Dichlorofluoromethane	24.7	1.0	0.10	ug/L	25.0	NA	98.8	80-120	2.04	20	
Ethyl Ether	24.5	1.0	0.31	ug/L	25.0	NA	98.0	80-120	1.23	20	
Ethylbenzene	25.2	1.0	0.10	ug/L	25.0	NA	101	80-120	2.00	20	
Hexachlorobutadiene	21.8	2.0	0.24	ug/L	25.0	NA	87.2	80-120	3.26	20	
Isopropylbenzene	25.6	1.0	0.064	ug/L	25.0	NA	102	80-120	3.17	20	
m,p-Xylenes	49.6	1.0	0.13	ug/L	50.0	NA	99.2	80-120	1.83	20	
Methyl Isobutyl Ketone	22.5	5.0	0.42	ug/L	25.0	NA	90.0	80-120	4.35	20	
Methylene chloride	20.7	5.0	0.63	ug/L	25.0	NA	82.8	80-120	1.91	20	
Methyl-t-butyl ether	23.7	1.0	0.12	ug/L	25.0	NA	94.8	80-120	2.09	20	
Naphthalene	22.0	1.0	0.10	ug/L	25.0	NA	88.0	80-120	2.25	20	
n-Butylbenzene	23.8	1.0	0.12	ug/L	25.0	NA	95.2	80-120	6.06	20	
n-Propylbenzene	24.4	1.0	0.10	ug/L	25.0	NA	97.6	80-120	8.10	20	
o-Xylene	24.8	1.0	0.14	ug/L	25.0	NA	99.2	80-120	1.22	20	
sec-Butylbenzene	23.9	1.0	0.042	ug/L	25.0	NA	95.6	80-120	6.48	20	
Styrene	26.3	1.0	0.047	ug/L	25.0	NA	105	80-120	1.53	20	
tert-Butylbenzene	24.3	1.0	0.10	ug/L	25.0	NA	97.2	80-120	5.93	20	
Tetrachloroethene	24.1	2.0	0.19	ug/L	25.0	NA	96.4	80-120	6.87	20	
Tetrahydrofuran	22.9	5.0	1.2	ug/L	25.0	NA	91.6	80-120	5.11	20	
Toluene	23.3	1.0	0.17	ug/L	25.0	NA	93.2	80-120	3.05	20	
trans-1,2-Dichloroethene	22.1	1.0	0.14	ug/L	25.0	NA	88.4	80-120	1.79	20	
trans-1,3-Dichloropropene	25.8	1.0	0.12	ug/L	25.0	NA	103	80-120	0.388	20	
Trichloroethene	24.7	1.0	0.073	ug/L	25.0	NA	98.8	80-120	2.46	20	
Trichlorofluoromethane	26.9	1.0	0.19	ug/L	25.0	NA	108	80-120	4.95	20	
Vinyl chloride	26.4	1.0	0.25	ug/L	25.0	NA	106	80-120	4.26	20	
Surrogate: 1,2-Dichloroethane-d4	*24.6*			ug/L	*25.0*	*NA*	*98.4*	*82-128*			
Surrogate: 4-Bromofluorobenzene	*25.8*			ug/L	*25.0*	*NA*	*103*	*76-119*			
Surrogate: Dibromofluoromethane	*24.7*			ug/L	*25.0*	*NA*	*98.8*	*79-127*			
Surrogate: Toluene-d8	*24.8*			ug/L	*25.0*	*NA*	*99.2*	*82-116*			

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Service Engineering Group	Client Ref:05500	Work Order #: 0506408
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0300 - EPA 5035

Method Blank (B5L0300-BLK1) Prepared & Analyzed: 12/14/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	ND	0.050	0.0071	mg/kg	NA	NA	NA	NA	NA	NA	
1,1,1-Trichloroethane	ND	0.050	0.0030	mg/kg	NA	NA	NA	NA	NA	NA	
1,1,2,2-Tetrachloroethane	ND	0.050	0.012	mg/kg	NA	NA	NA	NA	NA	NA	
1,1,2-Trichloroethane	ND	0.050	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
1,1,2-Trichlorotrifluoroethane	ND	0.050	0.0058	mg/kg	NA	NA	NA	NA	NA	NA	
1,1-Dichloroethane	ND	0.050	0.0027	mg/kg	NA	NA	NA	NA	NA	NA	
1,1-Dichloroethene	ND	0.050	0.0043	mg/kg	NA	NA	NA	NA	NA	NA	
1,1-Dichloropropene	ND	0.050	0.0037	mg/kg	NA	NA	NA	NA	NA	NA	
1,2,3-Trichlorobenzene	ND	0.050	0.0055	mg/kg	NA	NA	NA	NA	NA	NA	
1,2,3-Trichloropropane	ND	0.050	0.015	mg/kg	NA	NA	NA	NA	NA	NA	
1,2,4-Trichlorobenzene	ND	0.050	0.0072	mg/kg	NA	NA	NA	NA	NA	NA	
1,2,4-Trimethylbenzene	ND	0.050	0.0035	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Dibromo-3-chloropropane	ND	0.050	0.020	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Dibromoethane	ND	0.050	0.0032	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	ND	0.050	0.0059	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Dichloroethane	ND	0.050	0.0027	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Dichloropropane	ND	0.050	0.0025	mg/kg	NA	NA	NA	NA	NA	NA	
1,3,5-Trimethylbenzene	ND	0.050	0.0049	mg/kg	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	ND	0.050	0.0042	mg/kg	NA	NA	NA	NA	NA	NA	
1,3-Dichloropropane	ND	0.050	0.0063	mg/kg	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	ND	0.050	0.0060	mg/kg	NA	NA	NA	NA	NA	NA	
2,2-Dichloropropane	ND	0.050	0.0052	mg/kg	NA	NA	NA	NA	NA	NA	
2-Butanone (MEK)	ND	0.50	0.066	mg/kg	NA	NA	NA	NA	NA	NA	
2-Chlorotoluene	ND	0.050	0.0097	mg/kg	NA	NA	NA	NA	NA	NA	
4-Chlorotoluene	ND	0.050	0.0066	mg/kg	NA	NA	NA	NA	NA	NA	
4-Isopropyltoluene	ND	0.050	0.0029	mg/kg	NA	NA	NA	NA	NA	NA	
Acetone	ND	1.0	0.077	mg/kg	NA	NA	NA	NA	NA	NA	
Allyl Chloride	ND	0.050	0.013	mg/kg	NA	NA	NA	NA	NA	NA	
Benzene	ND	0.050	0.0022	mg/kg	NA	NA	NA	NA	NA	NA	
Bromobenzene	ND	0.050	0.0074	mg/kg	NA	NA	NA	NA	NA	NA	
Bromochloromethane	ND	0.050	0.011	mg/kg	NA	NA	NA	NA	NA	NA	
Bromodichloromethane	ND	0.050	0.0053	mg/kg	NA	NA	NA	NA	NA	NA	
Bromoform	ND	0.25	0.0064	mg/kg	NA	NA	NA	NA	NA	NA	
Bromomethane	ND	0.050	0.0068	mg/kg	NA	NA	NA	NA	NA	NA	
Carbon Tetrachloride	ND	0.050	0.0028	mg/kg	NA	NA	NA	NA	NA	NA	
Chlorobenzene	ND	0.050	0.0021	mg/kg	NA	NA	NA	NA	NA	NA	
Chlorodibromomethane	ND	0.050	0.0015	mg/kg	NA	NA	NA	NA	NA	NA	
Chloroethane	ND	0.050	0.0056	mg/kg	NA	NA	NA	NA	NA	NA	
Chloroform	ND	0.050	0.0058	mg/kg	NA	NA	NA	NA	NA	NA	

The results in this report apply only to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Service Engineering Group	Client Ref:05500	Work Order #: 0506408
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0300 - EPA 5035

Method Blank (B5L0300-BLK1) Prepared & Analyzed: 12/14/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	ND	0.050	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
cis-1,2-Dichloroethene	ND	0.050	0.0052	mg/kg	NA	NA	NA	NA	NA	NA	
cis-1,3-Dichloropropene	ND	0.050	0.0020	mg/kg	NA	NA	NA	NA	NA	NA	
Dibromomethane	ND	0.050	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Dichlorodifluoromethane	ND	0.050	0.0063	mg/kg	NA	NA	NA	NA	NA	NA	
Dichlorofluoromethane	ND	0.050	0.0052	mg/kg	NA	NA	NA	NA	NA	NA	
Ethyl Ether	ND	0.050	0.015	mg/kg	NA	NA	NA	NA	NA	NA	
Ethylbenzene	ND	0.050	0.0053	mg/kg	NA	NA	NA	NA	NA	NA	
Hexachlorobutadiene	ND	0.10	0.012	mg/kg	NA	NA	NA	NA	NA	NA	
Isopropylbenzene	ND	0.050	0.0032	mg/kg	NA	NA	NA	NA	NA	NA	
m,p-Xylenes	ND	0.050	0.0063	mg/kg	NA	NA	NA	NA	NA	NA	
Methyl Isobutyl Ketone	ND	0.25	0.021	mg/kg	NA	NA	NA	NA	NA	NA	
Methylene chloride	ND	0.25	0.032	mg/kg	NA	NA	NA	NA	NA	NA	
Methyl-t-butyl ether	ND	0.050	0.0060	mg/kg	NA	NA	NA	NA	NA	NA	
Naphthalene	ND	0.050	0.0050	mg/kg	NA	NA	NA	NA	NA	NA	
n-Butylbenzene	ND	0.050	0.0061	mg/kg	NA	NA	NA	NA	NA	NA	
n-Propylbenzene	ND	0.050	0.0052	mg/kg	NA	NA	NA	NA	NA	NA	
o-Xylene	ND	0.050	0.0070	mg/kg	NA	NA	NA	NA	NA	NA	
sec-Butylbenzene	ND	0.050	0.0021	mg/kg	NA	NA	NA	NA	NA	NA	
Styrene	ND	0.050	0.0023	mg/kg	NA	NA	NA	NA	NA	NA	
tert-Butylbenzene	ND	0.050	0.0051	mg/kg	NA	NA	NA	NA	NA	NA	
Tetrachloroethene	ND	0.10	0.0095	mg/kg	NA	NA	NA	NA	NA	NA	
Tetrahydrofuran	ND	0.25	0.058	mg/kg	NA	NA	NA	NA	NA	NA	
Toluene	ND	0.050	0.0086	mg/kg	NA	NA	NA	NA	NA	NA	
trans-1,2-Dichloroethene	ND	0.050	0.0068	mg/kg	NA	NA	NA	NA	NA	NA	
trans-1,3-Dichloropropene	ND	0.050	0.0059	mg/kg	NA	NA	NA	NA	NA	NA	
Trichloroethene	ND	0.050	0.0037	mg/kg	NA	NA	NA	NA	NA	NA	
Trichlorofluoromethane	ND	0.050	0.0095	mg/kg	NA	NA	NA	NA	NA	NA	
Vinyl chloride	ND	0.050	0.012	mg/kg	NA	NA	NA	NA	NA	NA	
Surrogate: 1,2-Dichloroethane-d4	*26.2*			ug/L	*25.0*	*NA*	*105*	*81-127*			
Surrogate: 4-Bromofluorobenzene	*25.0*			ug/L	*25.0*	*NA*	*100*	*74-117*			
Surrogate: Dibromofluoromethane	*23.9*			ug/L	*25.0*	*NA*	*95.6*	*79-127*			
Surrogate: Toluene-d8	*24.3*			ug/L	*25.0*	*NA*	*97.2*	*82-115*			

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Service Engineering Group	Client Ref:05500	Work Order #: 0506408
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0300 - EPA 5035

Laboratory Control Sample (B5L0300-BS1) Prepared & Analyzed: 12/14/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	1.24	0.050	0.0071	mg/kg	1.25	NA	99.2	80-120	NA	NA	
1,1,1-Trichloroethane	1.20	0.050	0.0030	mg/kg	1.25	NA	96.0	80-120	NA	NA	
1,1,2,2-Tetrachloroethane	1.27	0.050	0.012	mg/kg	1.25	NA	102	80-120	NA	NA	
1,1,2-Trichloroethane	1.20	0.050	0.010	mg/kg	1.25	NA	96.0	80-120	NA	NA	
1,1,2-Trichlorotrifluoroethane	1.18	0.050	0.0058	mg/kg	1.25	NA	94.4	80-120	NA	NA	
1,1-Dichloroethane	1.14	0.050	0.0027	mg/kg	1.25	NA	91.2	80-120	NA	NA	
1,1-Dichloroethene	1.11	0.050	0.0043	mg/kg	1.25	NA	88.8	80-120	NA	NA	
1,1-Dichloropropene	1.18	0.050	0.0037	mg/kg	1.25	NA	94.4	80-120	NA	NA	
1,2,3-Trichlorobenzene	1.25	0.050	0.0055	mg/kg	1.25	NA	100	80-120	NA	NA	
1,2,3-Trichloropropane	1.29	0.050	0.015	mg/kg	1.25	NA	103	80-120	NA	NA	
1,2,4-Trichlorobenzene	1.22	0.050	0.0072	mg/kg	1.25	NA	97.6	80-120	NA	NA	
1,2,4-Trimethylbenzene	1.19	0.050	0.0035	mg/kg	1.25	NA	95.2	80-120	NA	NA	
1,2-Dibromo-3-chloropropane	1.33	0.050	0.020	mg/kg	1.25	NA	106	80-120	NA	NA	
1,2-Dibromoethane	1.25	0.050	0.0032	mg/kg	1.25	NA	100	80-120	NA	NA	
1,2-Dichlorobenzene	1.17	0.050	0.0059	mg/kg	1.25	NA	93.6	80-120	NA	NA	
1,2-Dichloroethane	1.21	0.050	0.0027	mg/kg	1.25	NA	96.8	80-120	NA	NA	
1,2-Dichloropropane	1.21	0.050	0.0025	mg/kg	1.25	NA	96.8	80-120	NA	NA	
1,3,5-Trimethylbenzene	1.18	0.050	0.0049	mg/kg	1.25	NA	94.4	80-120	NA	NA	
1,3-Dichlorobenzene	1.13	0.050	0.0042	mg/kg	1.25	NA	90.4	80-120	NA	NA	
1,3-Dichloropropane	1.23	0.050	0.0063	mg/kg	1.25	NA	98.4	80-120	NA	NA	
1,4-Dichlorobenzene	1.14	0.050	0.0060	mg/kg	1.25	NA	91.2	80-120	NA	NA	
2,2-Dichloropropane	1.21	0.050	0.0052	mg/kg	1.25	NA	96.8	80-120	NA	NA	
2-Butanone (MEK)	1.27	0.50	0.066	mg/kg	1.25	NA	102	80-120	NA	NA	
2-Chlorotoluene	1.13	0.050	0.0097	mg/kg	1.25	NA	90.4	80-120	NA	NA	
4-Chlorotoluene	1.14	0.050	0.0066	mg/kg	1.25	NA	91.2	80-120	NA	NA	
4-Isopropyltoluene	1.15	0.050	0.0029	mg/kg	1.25	NA	92.0	80-120	NA	NA	
Acetone	1.44	1.0	0.077	mg/kg	1.25	NA	115	80-120	NA	NA	
Allyl Chloride	1.18	0.050	0.013	mg/kg	1.25	NA	94.4	80-120	NA	NA	
Benzene	1.22	0.050	0.0022	mg/kg	1.25	NA	97.6	80-120	NA	NA	
Bromobenzene	1.15	0.050	0.0074	mg/kg	1.25	NA	92.0	80-120	NA	NA	
Bromochloromethane	1.13	0.050	0.011	mg/kg	1.25	NA	90.4	80-120	NA	NA	
Bromodichloromethane	1.30	0.050	0.0053	mg/kg	1.25	NA	104	80-120	NA	NA	
Bromoform	1.36	0.25	0.0064	mg/kg	1.25	NA	109	80-120	NA	NA	
Bromomethane	1.28	0.050	0.0068	mg/kg	1.25	NA	102	80-120	NA	NA	
Carbon Tetrachloride	1.28	0.050	0.0028	mg/kg	1.25	NA	102	80-120	NA	NA	
Chlorobenzene	1.17	0.050	0.0021	mg/kg	1.25	NA	93.6	80-120	NA	NA	
Chlorodibromomethane	1.28	0.050	0.0015	mg/kg	1.25	NA	102	80-120	NA	NA	
Chloroethane	1.21	0.050	0.0056	mg/kg	1.25	NA	96.8	80-120	NA	NA	
Chloroform	1.16	0.050	0.0058	mg/kg	1.25	NA	92.8	80-120	NA	NA	

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
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Service Engineering Group	Client Ref:05500	Work Order #: 0506408
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0300 - EPA 5035

Laboratory Control Sample (B5L0300-BS1) Prepared & Analyzed: 12/14/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	1.17	0.050	0.010	mg/kg	1.25	NA	93.6	80-120	NA	NA	
cis-1,2-Dichloroethene	1.12	0.050	0.0052	mg/kg	1.25	NA	89.6	80-120	NA	NA	
cis-1,3-Dichloropropene	1.30	0.050	0.0020	mg/kg	1.25	NA	104	80-120	NA	NA	
Dibromomethane	1.25	0.050	0.010	mg/kg	1.25	NA	100	80-120	NA	NA	
Dichlorodifluoromethane	1.16	0.050	0.0063	mg/kg	1.25	NA	92.8	80-120	NA	NA	
Dichlorofluoromethane	1.23	0.050	0.0052	mg/kg	1.25	NA	98.4	80-120	NA	NA	
Ethyl Ether	1.22	0.050	0.015	mg/kg	1.25	NA	97.6	80-120	NA	NA	
Ethylbenzene	1.27	0.050	0.0053	mg/kg	1.25	NA	102	80-120	NA	NA	
Hexachlorobutadiene	1.16	0.10	0.012	mg/kg	1.25	NA	92.8	80-120	NA	NA	
Isopropylbenzene	1.25	0.050	0.0032	mg/kg	1.25	NA	100	80-120	NA	NA	
m,p-Xylenes	2.44	0.050	0.0063	mg/kg	2.50	NA	97.6	80-120	NA	NA	
Methyl Isobutyl Ketone	1.28	0.25	0.021	mg/kg	1.25	NA	102	80-120	NA	NA	
Methylene chloride	1.07	0.25	0.032	mg/kg	1.25	NA	85.6	80-120	NA	NA	
Methyl-t-butyl ether	1.27	0.050	0.0060	mg/kg	1.25	NA	102	80-120	NA	NA	
Naphthalene	1.25	0.050	0.0050	mg/kg	1.25	NA	100	80-120	NA	NA	
n-Butylbenzene	1.16	0.050	0.0061	mg/kg	1.25	NA	92.8	80-120	NA	NA	
n-Propylbenzene	1.13	0.050	0.0052	mg/kg	1.25	NA	90.4	80-120	NA	NA	
o-Xylene	1.22	0.050	0.0070	mg/kg	1.25	NA	97.6	80-120	NA	NA	
sec-Butylbenzene	1.15	0.050	0.0021	mg/kg	1.25	NA	92.0	80-120	NA	NA	
Styrene	1.32	0.050	0.0023	mg/kg	1.25	NA	106	80-120	NA	NA	
tert-Butylbenzene	1.15	0.050	0.0051	mg/kg	1.25	NA	92.0	80-120	NA	NA	
Tetrachloroethene	1.20	0.10	0.0095	mg/kg	1.25	NA	96.0	80-120	NA	NA	
Tetrahydrofuran	1.30	0.25	0.058	mg/kg	1.25	NA	104	80-120	NA	NA	
Toluene	1.16	0.050	0.0086	mg/kg	1.25	NA	92.8	80-120	NA	NA	
trans-1,2-Dichloroethene	1.12	0.050	0.0068	mg/kg	1.25	NA	89.6	80-120	NA	NA	
trans-1,3-Dichloropropene	1.37	0.050	0.0059	mg/kg	1.25	NA	110	80-120	NA	NA	
Trichloroethene	1.20	0.050	0.0037	mg/kg	1.25	NA	96.0	80-120	NA	NA	
Trichlorofluoromethane	1.24	0.050	0.0095	mg/kg	1.25	NA	99.2	80-120	NA	NA	
Vinyl chloride	1.27	0.050	0.012	mg/kg	1.25	NA	102	80-120	NA	NA	
Surrogate: 1,2-Dichloroethane-d4	*25.1*			ug/L	*25.0*	*NA*	*100*	*81-127*			
Surrogate: 4-Bromofluorobenzene	*26.2*			ug/L	*25.0*	*NA*	*105*	*74-117*			
Surrogate: Dibromofluoromethane	*23.8*			ug/L	*25.0*	*NA*	*95.2*	*79-127*			
Surrogate: Toluene-d8	*24.4*			ug/L	*25.0*	*NA*	*97.6*	*82-115*			

BRAUN INTERTEC

11001 Hampshire Ave. S.
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Service Engineering Group	Client Ref:05500	Work Order #: 0506408
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0300 - EPA 5035

Laboratory Control Sample Duplicate (B5L0300-BSD1) Prepared & Analyzed: 12/14/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	1.24	0.050	0.0071	mg/kg	1.25	NA	99.2	80-120	0.00	20	
1,1,1-Trichloroethane	1.18	0.050	0.0030	mg/kg	1.25	NA	94.4	80-120	1.68	20	
1,1,2,2-Tetrachloroethane	1.30	0.050	0.012	mg/kg	1.25	NA	104	80-120	2.33	20	
1,1,2-Trichloroethane	1.21	0.050	0.010	mg/kg	1.25	NA	96.8	80-120	0.830	20	
1,1,2-Trichlorotrifluoroethane	1.16	0.050	0.0058	mg/kg	1.25	NA	92.8	80-120	1.71	20	
1,1-Dichloroethane	1.14	0.050	0.0027	mg/kg	1.25	NA	91.2	80-120	0.00	20	
1,1-Dichloroethene	1.12	0.050	0.0043	mg/kg	1.25	NA	89.6	80-120	0.897	20	
1,1-Dichloropropene	1.16	0.050	0.0037	mg/kg	1.25	NA	92.8	80-120	1.71	20	
1,2,3-Trichlorobenzene	1.30	0.050	0.0055	mg/kg	1.25	NA	104	80-120	3.92	20	
1,2,3-Trichloropropane	1.30	0.050	0.015	mg/kg	1.25	NA	104	80-120	0.772	20	
1,2,4-Trichlorobenzene	1.23	0.050	0.0072	mg/kg	1.25	NA	98.4	80-120	0.816	20	
1,2,4-Trimethylbenzene	1.19	0.050	0.0035	mg/kg	1.25	NA	95.2	80-120	0.00	20	
1,2-Dibromo-3-chloropropane	1.36	0.050	0.020	mg/kg	1.25	NA	109	80-120	2.23	20	
1,2-Dibromoethane	1.25	0.050	0.0032	mg/kg	1.25	NA	100	80-120	0.00	20	
1,2-Dichlorobenzene	1.17	0.050	0.0059	mg/kg	1.25	NA	93.6	80-120	0.00	20	
1,2-Dichloroethane	1.22	0.050	0.0027	mg/kg	1.25	NA	97.6	80-120	0.823	20	
1,2-Dichloropropane	1.21	0.050	0.0025	mg/kg	1.25	NA	96.8	80-120	0.00	20	
1,3,5-Trimethylbenzene	1.18	0.050	0.0049	mg/kg	1.25	NA	94.4	80-120	0.00	20	
1,3-Dichlorobenzene	1.13	0.050	0.0042	mg/kg	1.25	NA	90.4	80-120	0.00	20	
1,3-Dichloropropane	1.24	0.050	0.0063	mg/kg	1.25	NA	99.2	80-120	0.810	20	
1,4-Dichlorobenzene	1.14	0.050	0.0060	mg/kg	1.25	NA	91.2	80-120	0.00	20	
2,2-Dichloropropane	1.19	0.050	0.0052	mg/kg	1.25	NA	95.2	80-120	1.67	20	
2-Butanone (MEK)	1.32	0.50	0.066	mg/kg	1.25	NA	106	80-120	3.86	20	
2-Chlorotoluene	1.13	0.050	0.0097	mg/kg	1.25	NA	90.4	80-120	0.00	20	
4-Chlorotoluene	1.15	0.050	0.0066	mg/kg	1.25	NA	92.0	80-120	0.873	20	
4-Isopropyltoluene	1.15	0.050	0.0029	mg/kg	1.25	NA	92.0	80-120	0.00	20	
Acetone	1.39	1.0	0.077	mg/kg	1.25	NA	111	80-120	3.53	20	
Allyl Chloride	1.18	0.050	0.013	mg/kg	1.25	NA	94.4	80-120	0.00	20	
Benzene	1.21	0.050	0.0022	mg/kg	1.25	NA	96.8	80-120	0.823	20	
Bromobenzene	1.16	0.050	0.0074	mg/kg	1.25	NA	92.8	80-120	0.866	20	
Bromochloromethane	1.14	0.050	0.011	mg/kg	1.25	NA	91.2	80-120	0.881	20	
Bromodichloromethane	1.28	0.050	0.0053	mg/kg	1.25	NA	102	80-120	1.55	20	
Bromoform	1.37	0.25	0.0064	mg/kg	1.25	NA	110	80-120	0.733	20	
Bromomethane	1.23	0.050	0.0068	mg/kg	1.25	NA	98.4	80-120	3.98	20	
Carbon Tetrachloride	1.27	0.050	0.0028	mg/kg	1.25	NA	102	80-120	0.784	20	
Chlorobenzene	1.18	0.050	0.0021	mg/kg	1.25	NA	94.4	80-120	0.851	20	
Chlorodibromomethane	1.28	0.050	0.0015	mg/kg	1.25	NA	102	80-120	0.00	20	
Chloroethane	1.17	0.050	0.0056	mg/kg	1.25	NA	93.6	80-120	3.36	20	
Chloroform	1.15	0.050	0.0058	mg/kg	1.25	NA	92.0	80-120	0.866	20	

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:05500	Work Order #: 0506408
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0300 - EPA 5035

Laboratory Control Sample Duplicate (B5L0300-BSD1) Prepared & Analyzed: 12/14/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	1.16	0.050	0.010	mg/kg	1.25	NA	92.8	80-120	0.858	20	
cis-1,2-Dichloroethene	1.14	0.050	0.0052	mg/kg	1.25	NA	91.2	80-120	1.77	20	
cis-1,3-Dichloropropene	1.29	0.050	0.0020	mg/kg	1.25	NA	103	80-120	0.772	20	
Dibromomethane	1.25	0.050	0.010	mg/kg	1.25	NA	100	80-120	0.00	20	
Dichlorodifluoromethane	1.13	0.050	0.0063	mg/kg	1.25	NA	90.4	80-120	2.62	20	
Dichlorofluoromethane	1.18	0.050	0.0052	mg/kg	1.25	NA	94.4	80-120	4.15	20	
Ethyl Ether	1.21	0.050	0.015	mg/kg	1.25	NA	96.8	80-120	0.823	20	
Ethylbenzene	1.26	0.050	0.0053	mg/kg	1.25	NA	101	80-120	0.791	20	
Hexachlorobutadiene	1.18	0.10	0.012	mg/kg	1.25	NA	94.4	80-120	1.71	20	
Isopropylbenzene	1.25	0.050	0.0032	mg/kg	1.25	NA	100	80-120	0.00	20	
m,p-Xylenes	2.43	0.050	0.0063	mg/kg	2.50	NA	97.2	80-120	0.411	20	
Methyl Isobutyl Ketone	1.32	0.25	0.021	mg/kg	1.25	NA	106	80-120	3.08	20	
Methylene chloride	1.08	0.25	0.032	mg/kg	1.25	NA	86.4	80-120	0.930	20	
Methyl-t-butyl ether	1.29	0.050	0.0060	mg/kg	1.25	NA	103	80-120	1.56	20	
Naphthalene	1.29	0.050	0.0050	mg/kg	1.25	NA	103	80-120	3.15	20	
n-Butylbenzene	1.17	0.050	0.0061	mg/kg	1.25	NA	93.6	80-120	0.858	20	
n-Propylbenzene	1.15	0.050	0.0052	mg/kg	1.25	NA	92.0	80-120	1.75	20	
o-Xylene	1.22	0.050	0.0070	mg/kg	1.25	NA	97.6	80-120	0.00	20	
sec-Butylbenzene	1.16	0.050	0.0021	mg/kg	1.25	NA	92.8	80-120	0.866	20	
Styrene	1.32	0.050	0.0023	mg/kg	1.25	NA	106	80-120	0.00	20	
tert-Butylbenzene	1.17	0.050	0.0051	mg/kg	1.25	NA	93.6	80-120	1.72	20	
Tetrachloroethene	1.18	0.10	0.0095	mg/kg	1.25	NA	94.4	80-120	1.68	20	
Tetrahydrofuran	1.32	0.25	0.058	mg/kg	1.25	NA	106	80-120	1.53	20	
Toluene	1.15	0.050	0.0086	mg/kg	1.25	NA	92.0	80-120	0.866	20	
trans-1,2-Dichloroethene	1.14	0.050	0.0068	mg/kg	1.25	NA	91.2	80-120	1.77	20	
trans-1,3-Dichloropropene	1.36	0.050	0.0059	mg/kg	1.25	NA	109	80-120	0.733	20	
Trichloroethene	1.19	0.050	0.0037	mg/kg	1.25	NA	95.2	80-120	0.837	20	
Trichlorofluoromethane	1.20	0.050	0.0095	mg/kg	1.25	NA	96.0	80-120	3.28	20	
Vinyl chloride	1.22	0.050	0.012	mg/kg	1.25	NA	97.6	80-120	4.02	20	
Surrogate: 1,2-Dichloroethane-d4	*25.0*			ug/L	*25.0*	*NA*	*100*	*81-127*			
Surrogate: 4-Bromofluorobenzene	*26.3*			ug/L	*25.0*	*NA*	*105*	*74-117*			
Surrogate: Dibromofluoromethane	*23.8*			ug/L	*25.0*	*NA*	*95.2*	*79-127*			
Surrogate: Toluene-d8	*24.6*			ug/L	*25.0*	*NA*	*98.4*	*82-115*			

BRAUN INTERTEC

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952-995-2000 Phone
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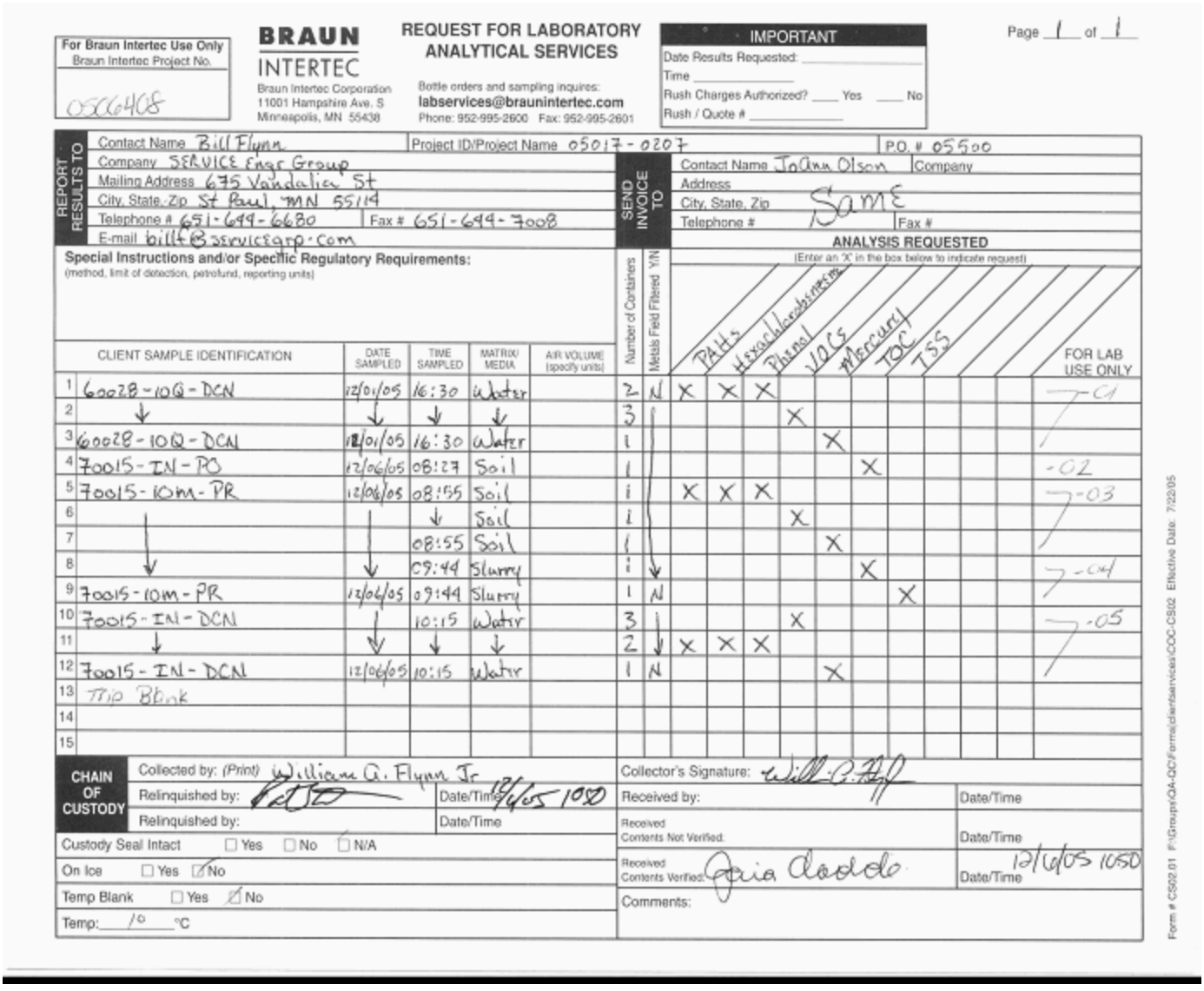
Service Engineering Group	Client Ref:05500	Work Order #: 0506408
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003



BRAUN INTERTEC
Braun Intertec Corporation
11001 Hampshire Ave. S
Minneapolis, MN 55438

REQUEST FOR LABORATORY ANALYTICAL SERVICES

Bottle orders and sampling inquires:
labservices@braunintertec.com
Phone: 952-995-2600 Fax: 952-995-2601

For Braun Intertec Use Only
Braun Intertec Project No.
05C6408

IMPORTANT
Date Results Requested:
Time
Rush Charges Authorized? ___ Yes ___ No
Rush / Quote #

Page 1 of 1

REPORT RESULTS TO
Contact Name Bill Flynn
Company SERVICE Engr Group
Mailing Address 675 Vandalia St
City, State, Zip St Paul, MN 55114
Telephone # 651-699-6680 Fax # 651-699-7008
E-mail billf@serviceerp.com

Project ID/Project Name 05017-0207
P.O. # 05500

SEND INVOICE TO
Contact Name JoAnn Olson Company
Address
City, State, Zip SAME
Telephone # Fax #

Special Instructions and/or Specific Regulatory Requirements:
(method, limit of detection, reportdund, reporting units)

ANALYSIS REQUESTED
(Enter an 'X' in the box below to indicate request)

	CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)	Number of Containers	Metals Field Filtered Y/N	PAHs	Hexachlorobenzene	Phenol	VOCs	Mercury	TOC	TSS				FOR LAB USE ONLY
1	60028-10Q-DCN	12/01/05	16:30	Water		2	N	X	X	X								-01
2	↓	↓	↓	↓		3	↓				X							
3	60028-10Q-DCN	12/01/05	16:30	Water		1						X						
4	70015-IN-PO	12/06/05	08:27	Soil		1							X					-02
5	70015-10m-PR	12/06/05	08:55	Soil		1		X	X	X								-03
6		↓	↓	Soil		1					X							
7			08:55	Soil		1						X						
8	↓	↓	09:44	Slurry		1	↓						X					-04
9	70015-10m-PR	12/06/05	09:44	Slurry		1	N							X				
10	70015-IN-DCN		10:15	Water		3					X							-05
11	↓	↓	↓	↓		2	↓	X	X	X								
12	70015-IN-DCN	12/06/05	10:15	Water		1	N					X						
13	Trip Blank																	
14																		
15																		

CHAIN OF CUSTODY
Collected by: (Print) William Q. Flynn Jr
Relinquished by: Date/Time 12/6/05 1050
Relinquished by: Date/Time

Collector's Signature: William Q. Flynn
Received by: Date/Time
Received Contents Not Verified: Date/Time
Received Contents Verified: Gia Dodds Date/Time 12/6/05 1050

Custody Seal Intact ☐ Yes ☐ No ☐ N/A
On Ice ☐ Yes ☑ No
Temp Blank ☐ Yes ☑ No
Temp: 10 °C

Comments:

Form # CS02.01 F:\Groups\QA-QC\Forms\clientservices\COC-CS02 Effective Date: 7/22/05

BRAUN INTERTEC

Braun Intertec Corporation
11001 Hampshire Avenue S
Minneapolis, MN 55438

Phone: 952.995.2000
Fax: 952.995.2020
Web: brauninterteс.com

Mr. Bill Flynn
Service Engineering Group
675 Vandalia Street
St. Paul, MN 55114-1312

December 28, 2005

Work Order #: 0506412

RE: 05500

Dear Mr. Bill Flynn

Braun Intertec Corporation received samples for the project identified above on 12/06/05 10:50. Analytical results are summarized in the following report.

All routine quality assurance procedures were followed, unless otherwise noted.

Where possible, the samples will be retained by the laboratory for 14 days following issuance of the initial final report. The samples will be disposed of or returned at that time.

We appreciate your decision to use Braun Intertec Corporation for this project. We are committed to being your vendor of choice to meet your analytical chemistry needs.

If you have any questions please contact me at the above phone number.

Sincerely,
BRAUN INTERTEC CORPORATION

Steven J. Albrecht
Associate Principal

AIHA Environmental Lead and Industrial Hygiene ACCREDITED LABORATORY
AIHA 101103

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
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Service Engineering Group	Client Ref:	05500	Work Order #:	0506412
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

Qualifiers and Abbreviations

ir	The recovery study yielded results of <75%. Per the NIOSH Manual of Analytical Methods, the result is considered semi-quantitative.
io	The result was corrected for method blank concentrations.
ia	The back section of the sample tube contained greater than 10 percent of the amount collected on the front section. This indicates possible analyte breakthrough (loss) during field sampling.
A1a	The Laboratory Control Spike Duplicate was outside of laboratory limits. The LCSD recovery was 123%. The results may be biased high.
A1	The Laboratory control sample was within laboratory control limits, the laboratory control sample duplicate was out side laboratory control limits.
COC	Chain of Custody
MRL	Method Reporting Limit
ppm	Parts per million in Air
NA	Not Applicable
NR	Not Reported
%Rec	Percent Recovery
RPD	Relative Percent Difference

BRAUN INTERTEC

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Service Engineering Group	Client Ref: 05500	Work Order #: 0506412
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

SAMPLE SUMMARY

Sample ID	Laboratory ID	Matrix	Air Volume (L) / Time (Min)	Date Sampled	Date Received
70015-IN-(0-2)	0506412-01	Air Tube	300	12/05/05 11:41	12/06/05 10:50
70015-IN-(0-2)	0506412-02	Air Tube	301.2	12/05/05 11:41	12/06/05 10:50
70015-IN-(0-2)	0506412-03	Air	303.6	12/05/05 11:41	12/06/05 10:50
70015-IN-(0-2)	0506412-04	Air Tube	303.6	12/05/05 11:41	12/06/05 10:50
70015-IN-(0-2)	0506412-05	Air Tube	301.2	12/05/05 11:41	12/06/05 10:50
70015-IN-(0-2)	0506412-06	Air Tube	304.8	12/05/05 11:41	12/06/05 10:50
70015-IN-(2-6)	0506412-07	Air Tube	600	12/05/05 15:48	12/06/05 10:50
70015-IN-(2-6)	0506412-08	Air Tube	602.4	12/05/05 15:48	12/06/05 10:50
70015-IN-(2-6)	0506412-09	Air	607.2	12/05/05 15:48	12/06/05 10:50
70015-IN-(2-6)	0506412-10	Air Tube	607.2	12/05/05 15:48	12/06/05 10:50
70015-IN-(2-6)	0506412-11	Air Tube	602.4	12/05/05 15:48	12/06/05 10:50
70015-IN-(2-6)	0506412-12	Air Tube	609.6	12/05/05 15:48	12/06/05 10:50
700115-IN-(6-22)	0506412-13	Air Tube	2400	12/06/05 07:41	12/06/05 10:50
700115-IN-(6-22)	0506412-14	Air Tube	2410	12/06/05 07:41	12/06/05 10:50
700115-IN-(6-22)	0506412-15	Air	2429	12/06/05 07:41	12/06/05 10:50
700115-IN-(6-22)	0506412-16	Air Tube	2429	12/06/05 07:41	12/06/05 10:50
700115-IN-(6-22)	0506412-17	Air Tube	2410	12/06/05 07:41	12/06/05 10:50
700115-IN-(6-22)	0506412-18	Air Tube	2438	12/06/05 07:41	12/06/05 10:50

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Service Engineering Group	Client Ref: 05500	Work Order #: 0506412
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-IN-(0-2)

0506412-01 (Air Tube)

12/5/05 11:41

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
1,2,3-Trichlorobenzene	< 11.7	11.7	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,2,4-Trichlorobenzene	< 11.3	11.3	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,3,5-Trichlorobenzene	< 11.7	11.7	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,4-Dichlorobenzene	< 11.6	11.6	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,1,1-Trichloroethane	< 9.71	9.71	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
2-Ethoxyethyl Acetate	< 12.3	12.3	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Acetone	< 11.0	11.0	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Benzene	**12.2**	4.95	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Chlorobenzene	< 10.2	10.2	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Chloroform	< 10.2	10.2	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Ethanol	**37.1**	14.3	ug/m³	1	12/13/05	12/16/05	IHVOCS1	ir
Ethyl Acetate	< 10.2	10.2	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Ethyl Benzene	< 9.80	9.80	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Isobutanol	< 11.5	11.5	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Isopropanol	**18.2**	12.8	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Methyl Ethyl Ketone	**13.9**	11.2	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Methyl Isobutyl Ketone	< 10.2	10.2	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Methylene Chloride	< 9.80	9.80	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
n-Butyl Acetate	< 10.1	10.1	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
n-Hexane	**11.1**	9.71	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Stoddard Solvent	**194**	49.5	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Styrene	< 13.0	13.0	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Tetrachloroethene	< 9.90	9.90	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Tetrahydrofuran	**13.2**	10.2	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Toluene	**29.5**	10.1	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
TPH as Gasoline	**744**	51.0	ug/m³	1	12/13/05	12/16/05	IHVOCS1	ia
Trichloroethene	< 10.0	10.0	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
VM&P Naphtha	< 48.1	48.1	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Xylenes, Total	**18.4**	10.0	ug/m³	1	12/13/05	12/16/05	IHVOCS1	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506412
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

70015-IN-(0-2)

0506412-02 (Air Tube)

12/5/05 11:41

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Acenaphthene	< 3.67	3.67	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Acenaphthylene	< 3.38	3.38	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Anthracene	< 3.66	3.66	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Benz(a)anthracene	< 3.96	3.96	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Benzo(a)pyrene	< 4.19	4.19	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Benzo(b)fluoranthene	< 4.14	4.14	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Benzo(g,h,i)perylene	< 5.12	5.12	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Benzo(k)fluoranthene	< 4.19	4.19	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Chrysene	< 3.98	3.98	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Dibenz(a,h)anthracene	< 4.27	4.27	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Fluoranthene	< 3.79	3.79	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Fluorene	< 3.60	3.60	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Indeno(1,2,3-cd)pyrene	< 4.50	4.50	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Naphthalene	< 3.68	3.68	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Phenanthrene	< 3.68	3.68	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Pyrene	< 3.85	3.85	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506412
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

70015-IN-(0-2)

0506412-03 (Air)

12/5/05 11:41

Metals

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Mercury	< 0.066	0.066	ug/m³	1	12/15/05	12/15/05	OSHA ID-145	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506412
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

70015-IN-(0-2)

0506412-04 (Air Tube)

12/5/05 11:41

Metals

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Mercury Vapor	< 0.033	0.033	ug/m³	1	12/12/05	12/12/05	ID-140	A1, io

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506412
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

70015-IN-(0-2)

0506412-05 (Air Tube)

12/5/05 11:41

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Hexachlorobenzene	< 3.65	3.65	ug/m³	1	12/12/05	12/14/05	IHVOCS	A1a

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506412
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

70015-IN-(0-2)

0506412-06 (Air Tube)

12/5/05 11:41

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Phenol	< 12.8	12.8	ug/m³	1	12/8/05	12/9/05	NIOSH 2546	

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Service Engineering Group	Client Ref: 05500	Work Order #: 0506412
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-IN-(2-6)

0506412-07 (Air Tube)

12/5/05 15:48

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
1,2,3-Trichlorobenzene	< 5.87	5.87	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,2,4-Trichlorobenzene	**7.63**	5.63	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,3,5-Trichlorobenzene	**44.6**	5.83	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,4-Dichlorobenzene	< 5.79	5.79	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,1,1-Trichloroethane	< 4.85	4.85	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
2-Ethoxyethyl Acetate	< 6.17	6.17	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Acetone	**10.5**	5.49	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Benzene	**13.7**	2.48	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Chlorobenzene	< 5.10	5.10	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Chloroform	**16.1**	5.10	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Ethanol	**15.3**	7.14	ug/m³	1	12/13/05	12/16/05	IHVOCS1	ir
Ethyl Acetate	< 5.10	5.10	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Ethyl Benzene	**6.74**	4.90	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Isobutanol	< 5.75	5.75	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Isopropanol	**21.3**	6.41	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Methyl Ethyl Ketone	**12.3**	5.62	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Methyl Isobutyl Ketone	< 5.10	5.10	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Methylene Chloride	**6.56**	4.90	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
n-Butyl Acetate	< 5.05	5.05	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
n-Hexane	**19.1**	4.85	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Stoddard Solvent	**205**	24.8	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Styrene	< 6.49	6.49	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Tetrachloroethene	< 4.95	4.95	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Tetrahydrofuran	**13.8**	5.10	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Toluene	**36.4**	5.05	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
TPH as Gasoline	**763**	25.5	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Trichloroethene	**24.3**	5.00	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
VM&P Naphtha	< 24.0	24.0	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Xylenes, Total	**32.6**	5.00	ug/m³	1	12/13/05	12/16/05	IHVOCS1	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506412
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

70015-IN-(2-6)

0506412-08 (Air Tube)

12/5/05 15:48

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Acenaphthene	< 1.83	1.83	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Acenaphthylene	< 1.69	1.69	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Anthracene	< 1.83	1.83	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Benz(a)anthracene	< 1.98	1.98	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Benzo(a)pyrene	< 2.09	2.09	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Benzo(b)fluoranthene	< 2.07	2.07	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Benzo(g,h,i)perylene	< 2.56	2.56	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Benzo(k)fluoranthene	< 2.10	2.10	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Chrysene	< 1.99	1.99	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Dibenz(a,h)anthracene	< 2.13	2.13	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Fluoranthene	< 1.89	1.89	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Fluorene	< 1.80	1.80	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Indeno(1,2,3-cd)pyrene	< 2.25	2.25	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Naphthalene	**3.31**	1.84	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Phenanthrene	< 1.84	1.84	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Pyrene	< 1.92	1.92	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506412
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

70015-IN-(2-6)

0506412-09 (Air)

12/5/05 15:48

Metals

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Mercury	< 0.033	0.033	ug/m³	1	12/15/05	12/15/05	OSHA ID-145	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506412
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

70015-IN-(2-6)

0506412-10 (Air Tube)

12/5/05 15:48

Metals

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Mercury Vapor	< 0.016	0.016	ug/m³	1	12/12/05	12/12/05	ID-140	A1, io

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506412
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

70015-IN-(2-6)

0506412-11 (Air Tube)

12/5/05 15:48

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Hexachlorobenzene	< 1.82	1.82	ug/m³	1	12/12/05	12/14/05	IHVOCS	A1a

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506412
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

70015-IN-(2-6)

0506412-12 (Air Tube)

12/5/05 15:48

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Phenol	< 6.41	6.41	ug/m³	1	12/8/05	12/9/05	NIOSH 2546	

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952-995-2020 Fax

Service Engineering Group	Client Ref: 05500	Work Order #: 0506412
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

700115-IN-(6-22)

0506412-13 (Air Tube)

12/6/05 7:41

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
1,2,3-Trichlorobenzene	< 1.47	1.47	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,2,4-Trichlorobenzene	< 1.41	1.41	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,3,5-Trichlorobenzene	< 1.46	1.46	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,4-Dichlorobenzene	< 1.45	1.45	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,1,1-Trichloroethane	**1.48**	1.21	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
2-Ethoxyethyl Acetate	< 1.54	1.54	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Acetone	**3.30**	1.37	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Benzene	**6.73**	0.619	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Chlorobenzene	< 1.28	1.28	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Chloroform	**12.2**	1.28	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Ethanol	**4.55**	1.79	ug/m³	1	12/13/05	12/16/05	IHVOCS1	ir
Ethyl Acetate	**1.63**	1.28	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Ethyl Benzene	**3.40**	1.23	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Isobutanol	< 1.44	1.44	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Isopropanol	**7.71**	1.60	ug/m³	1	12/13/05	12/16/05	IHVOCS1	ia
Methyl Ethyl Ketone	**7.52**	1.40	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Methyl Isobutyl Ketone	< 1.28	1.28	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Methylene Chloride	**4.25**	1.23	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
n-Butyl Acetate	< 1.26	1.26	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
n-Hexane	**7.56**	1.21	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Stoddard Solvent	**118**	6.19	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Styrene	< 1.62	1.62	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Tetrachloroethene	**3.46**	1.24	ug/m³	1	12/13/05	12/16/05	IHVOCS1	ia
Tetrahydrofuran	**6.57**	1.28	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Toluene	**18.7**	1.26	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
TPH as Gasoline	**359**	6.38	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Trichloroethene	**6.65**	1.25	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
VM&P Naphtha	< 6.01	6.01	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Xylenes, Total	**16.4**	1.25	ug/m³	1	12/13/05	12/16/05	IHVOCS1	

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:	05500	Work Order #:	0506412
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

700115-IN-(6-22)

0506412-14 (Air Tube)

12/6/05 7:41

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Acenaphthene	< 0.458	0.458	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Acenaphthylene	< 0.423	0.423	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Anthracene	< 0.457	0.457	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Benz(a)anthracene	< 0.495	0.495	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Benzo(a)pyrene	< 0.523	0.523	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Benzo(b)fluoranthene	< 0.517	0.517	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Benzo(g,h,i)perylene	< 0.639	0.639	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Benzo(k)fluoranthene	< 0.524	0.524	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Chrysene	< 0.497	0.497	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Dibenz(a,h)anthracene	< 0.533	0.533	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Fluoranthene	< 0.473	0.473	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Fluorene	< 0.450	0.450	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Indeno(1,2,3-cd)pyrene	< 0.562	0.562	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Naphthalene	**1.25**	0.460	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Phenanthrene	< 0.460	0.460	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	
Pyrene	< 0.481	0.481	ug/m³	1	12/13/05	12/14/05	NIOSH 5506	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506412
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

700115-IN-(6-22)

0506412-15 (Air)

12/6/05 7:41

Metals

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Mercury	< 0.0082	0.0082	ug/m³	1	12/15/05	12/15/05	OSHA ID-145	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506412
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

700115-IN-(6-22)

0506412-16 (Air Tube)

12/6/05 7:41

Metals

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Mercury Vapor	< 0.0041	0.0041	ug/m³	1	12/12/05	12/12/05	ID-140	A1, io

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506412
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

700115-IN-(6-22)

0506412-17 (Air Tube)

12/6/05 7:41

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Hexachlorobenzene	< 0.456	0.456	ug/m³	1	12/12/05	12/14/05	IHVOCS	A1a

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952-995-2020 Fax

Service Engineering Group	Client Ref:	05500	Work Order #:	0506412
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

700115-IN-(6-22)

0506412-18 (Air Tube)

12/6/05 7:41

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Phenol	< 1.60	1.60	ug/m³	1	12/8/05	12/9/05	NIOSH 2546	

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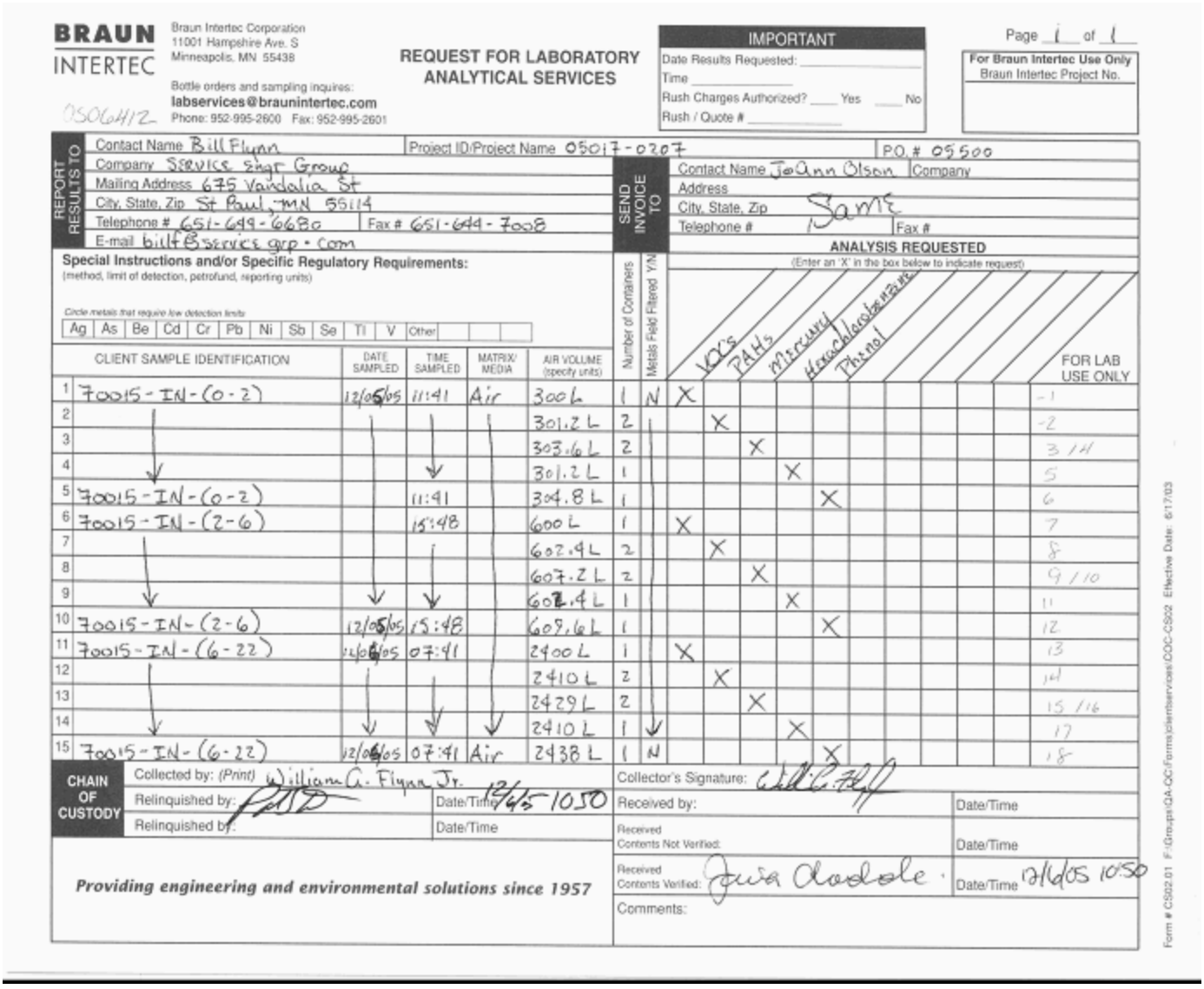
Service Engineering Group	Client Ref: 05500	Work Order #: 0506412
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003



BRAUN INTERTEC

Braun Intertec Corporation
11001 Hampshire Ave. S
Minneapolis, MN 55438

Bottle orders and sampling inquires:
labservices@braunintertec.com
Phone: 952-995-2600 Fax: 952-995-2601

0506412

REQUEST FOR LABORATORY ANALYTICAL SERVICES

IMPORTANT
Date Results Requested: _____
Time _____
Rush Charges Authorized? ____ Yes ____ No
Rush / Quote # _____

Page 1 of 1

For Braun Intertec Use Only
Braun Intertec Project No.

REPORT RESULTS TO
Contact Name Bill Flynn
Company Service Engr Group
Mailing Address 675 Vandalia St
City, State, Zip St Paul, MN 55114
Telephone # 651-649-6680 Fax # 651-644-7008
E-mail billf@service grp.com

Project ID/Project Name 05017-0207
P.O. # 05500

SEND INVOICE TO
Contact Name JoAnn Olson Company
Address
City, State, Zip Same
Telephone # Fax #

Special Instructions and/or Specific Regulatory Requirements:
(method, limit of detection, petrofund, reporting units)

Circle metals that require low detection limits
Ag | As | Be | Cd | Cr | Pb | Ni | Sb | Se | Tl | V | Other

ANALYSIS REQUESTED
(Enter an 'X' in the box below to indicate request)

	CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)	Number of Containers	Metals Field Filtered Y/N	VOCs	PAHs	Mercury	Hexachlorobenzene	Phenol						FOR LAB USE ONLY
1	70015-IN-(0-2)	12/05/05	11:41	Air	300 L	1	N	X										-1
2					301.2 L	2			X									-2
3					303.6 L	2				X								3/4
4					301.2 L	1					X							5
5	70015-IN-(0-2)		11:41		304.8 L	1						X						6
6	70015-IN-(2-6)		15:48		600 L	1		X										7
7					602.4 L	2			X									8
8					607.2 L	2				X								9/10
9					602.4 L	1					X							11
10	70015-IN-(2-6)	12/05/05	15:48		609.6 L	1						X						12
11	70015-IN-(6-22)	12/06/05	07:41		2400 L	1		X										13
12					2410 L	2			X									14
13					2429 L	2				X								15/16
14					2410 L	1					X							17
15	70015-IN-(6-22)	12/06/05	07:41	Air	2438 L	1	N					X						18

CHAIN OF CUSTODY
Collected by: (Print) William A. Flynn Jr.
Relinquished by: [signature] Date/Time 12/6/5 1050
Relinquished by: Date/Time

Collector's Signature: [signature]
Received by: Date/Time
Received Contents Not Verified: Date/Time
Received Contents Verified: [signature] Date/Time 12/6/05 10:50
Comments:

Providing engineering and environmental solutions since 1957

Form # CS02.01 F:\Groups\QA-QC\Forms\clientservices\COC-CS02 Effective Date: 6/17/03

BRAUN INTERTEC

Braun Intertec Corporation
11001 Hampshire Avenue S
Minneapolis, MN 55438

Phone: 952.995.2000
Fax: 952.995.2020
Web: brauntertec.com

Mr. Bill Flynn
Service Engineering Group
675 Vandalia Street
St. Paul, MN 55114-1312

December 27, 2005

Work Order #: 0506423

RE: 05500

Dear Mr. Bill Flynn

Braun Intertec Corporation received samples for the project identified above on 12/07/05 11:00. Analytical results are summarized in the following report.

All routine quality assurance procedures were followed, unless otherwise noted.

Analytical results are reported on an "as received" basis unless otherwise noted. Where possible, the samples will be retained by the laboratory for 14 days following issuance of the initial final report. The samples will be disposed of or returned at that time. Arrangements can be made for extended storage by contacting me at this time.

We appreciate your decision to use Braun Intertec Corporation for this project. We are committed to being your vendor of choice to meet your analytical chemistry needs.

If you have any questions please contact me at the above phone number.

Sincerely,

Steven J. Albrecht

Steven J. Albrecht
Associate Principal

Certification/Accreditation Numbers

Minnesota Department of Health: 027-053-117 Wisconsin DNR: 999462640 NVLAP: 1021234-0 AIHA: 101103

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:05500	Work Order #: 0506423
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

How to Use this Report

In order to get the most out of the information presented in this report please refer to the following explanations as to how the data in this report is tied together and how some of the terms are defined.

Qualifiers and Abbreviations are defined in the following section. You will find these codes used throughout the report in headers and in note sections to designate a unique fact about the data to which they are associated.

The Case Narrative gives a "story" about the analysis and results. Here you will find greater elaboration on relevant qualifiers as well as an explanation of anything of particular note in the data. This is a discussion of the data in terms of quality control and chemistry. It is a summary of any deviations that could affect the usefulness of the data. This is not an interpretation as to how this information relates to regulatory compliance, toxicity, or hazardous characterization. These items are beyond the scope of this report.

The Sample Summary provides detail on sample receipt. The association between Client sample ID and the Laboratory sample ID are defined here; this information is valuable to have when discussing results with your project manager. Sample collection and receipt dates and times are provided here as well. General notes regarding the work order are also documented here. This is a mini "case narrative" that describes any anomalies regarding the condition of the samples upon arrival to the laboratory or special circumstances regarding the work order.

The Conditions Upon Receipt summarizes the results of specific checks that have been performed at sample receipt. This includes items like custody documentation, sample condition, and temperature at receipt. Each "cooler" is identified and the conditions associated with that cooler are documented. A "cooler" is defined as the larger container used to transport the individual samples. In most cases this is a standard recreational cooler but it can be a box, plastic bag, or other container.

The laboratory results are summarized in the following sections. Data is broken down into major categories for convenience. An example of such a category would be "Total Petroleum Hydrocarbons." Here you would find data that references the testing of such parameters as diesel range organics and gasoline range organics. Other categories are similarly mapped. The batch number is associated with each sample. This is important to evaluate Quality Control (QC) data. Surrogate results samples are provided with each sample. Laboratory control limits are provided for comparison (see below). The reference method is also identified. If a method is denoted with an "M" (e.g. EPA 1234(M)) this means that it has been modified. An explanation of the modification will be found in the Case Narrative. A result is given with appropriate units. If a soil sample is dry-weight corrected then the word "dry" will appear next to the units. If the word "dry" does not appear then the result is "as received."

The Method Reporting Limit (MRL) and Method Detection Limit (MDL) are provided. It is important to understand these terms. The MRL is a level that has been empirically verified to provide reliable quantitation of results. Results that are equal to or greater than this value will show up as bolded. They are considered "hits." The MDL is a statistically derived number that indicates, with high confidence, that an analyte can be detected above noise level. If a result is less than this value it is marked as "ND" for "Non-Detect." If a result is less than the MRL but greater than the MDL then it is considered an estimate. Such a result is reported with a "J" flag denoting that it has been detected but that the result is an estimate. This is consistent with the *CLP Statement of Work* and the *National Functional Guidelines.*

The Quality Control (QC) samples are documented in the following section. Here you will find the preparation batches associated with each sample from the results section. The sample preparation method is also defined here. Accuracy is represented here in terms of a percent recovery as compared to a known value. Precision is represented as a relative percent difference between two duplicate sample aliquots. The laboratory control limits are provided as a means to evaluate the quality control data. If the result falls outside the laboratory control limits this simply means that it is outside what is typical for the laboratory and is noted accordingly. This does not mean that the data is invalid. Laboratory control limits are generally tighter than most program limits. This is a very important distinction. How the data is ultimately used determines its validity. Program requirements are defined in the Quality Assurance Project Plan (QAPP) governing the project. If your project manager is aware of your specific program requirements then a note will be made in the case narrative if the data fails to meet any of these requirements.

The last section contains copies of important documents and/or instrument printouts relavent to the report. This includes the chain of custody. It also may include items like chromatograms or spectra.

Please note that this report is paginated and must be reproduced in its entirety.

BRAUN INTERTEC

11001 Hampshire Ave. S.
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952-995-2000 Phone
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Service Engineering Group	Client Ref:05500	Work Order #: 0506423
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Qualifiers and Abbreviations

vfa	The method reporting limit (MRL) was raised for one or more analytes; a dilution of the sample was necessary due to high analyte levels and/or matrix interferences.
ts	This analysis was performed by a subcontract laboratory.
J	Detected but below the Method Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
gp	The relative percent difference (RPD) for the laboratory control sample and laboratory control sample duplicate is outside of laboratory control limits.
go	The laboratory control sample recovery is outside of laboratory control limits.
COC	Chain of Custody
dry	Sample results reported on a dry weight basis
MDL	Method Detection Limit
MRL	Method Reporting Limit
NA	Not Applicable
ND	Analyte NOT DETECTED
NR	Not Reported
%Rec	Percent Recovery
RPD	Relative Percent Difference
VOC	Volatile Organic Compound

BRAUN INTERTEC

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Service Engineering Group	Client Ref:05500	Work Order #: 0506423
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

SAMPLE SUMMARY

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
70015-10M-PO	0506423-01	Soil	12/07/05 09:30	12/07/05 11:00
70015-10M-PO	0506423-02	Water	12/07/05 08:00	12/07/05 11:00
7015-10M-PO	0506423-03	Water	12/07/05 08:00	12/07/05 11:00
70015-10M-DCN	0506423-04	Water	12/07/05 09:40	12/07/05 11:00
70015-10Q-PR	0506423-05	Water	12/07/05 09:50	12/07/05 11:00
Trip Blank	0506423-06	Water	12/07/05 09:50	12/07/05 11:00

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Service Engineering Group	Client Ref:05500	Work Order #: 0506423
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Conditions Upon Receipt

Cooler: Cooler #1

Temperature:	17.1 °C	**Received on Ice:**	No	**Preservation Confirmed:**	Yes
COC Included:	Yes	**Hand Delivered by Sampler:**	Yes	**Temperature Blank:**	No
Custody Seals Used:	No	**Sufficient Sample Provided:**	Yes	**COC Complete:**	Yes
Custody Seals Intact:	No	**Headspace Present (VOC):**	No	**COC & Labels Agree:**	Yes

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Service Engineering Group	Client Ref:05500	Work Order #: 0506423
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-10M-PO

0506423-01 (Soil)

12/7/05 9:30

Classical Chemistry Parameters

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
% Solids	**56**			% Wt	B5L0219	12/13/05	12/13/05	ASTM D2216	
Total Organic Carbon	**60200**	1000	1000	mg/kg	B5L0388	12/15/05	12/15/05	EPA 9060	ts

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
2-Methylnaphthalene	**27**	2.4	0.82	mg/kg dry	B5L0176	12/12/05	12/15/05	EPA 8270C	
Acenaphthene	**18**	2.4	0.36	mg/kg dry	B5L0176	12/12/05	12/15/05	EPA 8270C	
Acenaphthylene	**2.6**	0.24	0.025	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
Anthracene	**9.9**	0.24	0.036	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
Benz(a)anthracene	**4.1**	0.24	0.036	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
Benzo(a)pyrene	**2.3**	0.24	0.029	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
Benzo(b)fluoranthene	**2.5**	0.24	0.061	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
Benzo(g,h,i)perylene	**0.38**	0.24	0.021	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
Benzo(k)fluoranthene	**2.5**	0.24	0.050	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
Carbazole	**3.3**	0.24	0.054	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
Chrysene	**4.8**	0.24	0.036	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
Dibenz(a,h)anthracene	ND	0.24	0.075	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
Dibenzofuran	**9.7**	2.4	0.46	mg/kg dry	B5L0176	12/12/05	12/15/05	EPA 8270C	
Fluoranthene	**18**	2.4	0.25	mg/kg dry	B5L0176	12/12/05	12/15/05	EPA 8270C	
Fluorene	**89**	2.4	0.14	mg/kg dry	B5L0176	12/12/05	12/15/05	EPA 8270C	
Indeno(1,2,3-cd)pyrene	**0.43**	0.24	0.032	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
Naphthalene	**140**	24	1.8	mg/kg dry	B5L0176	12/12/05	12/15/05	EPA 8270C	
Phenanthrene	**46**	2.4	0.29	mg/kg dry	B5L0176	12/12/05	12/15/05	EPA 8270C	
Pyrene	**12**	0.24	0.036	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
Surrogate: 2-Fluorobiphenyl	*100 %*	*Limits: 30-104%*			*B5L0176*	*12/12/05*	*12/13/05*	*EPA 8270C*	
Surrogate: Nitrobenzene-d5	*65.4 %*	*Limits: 30-90%*			*B5L0176*	*12/12/05*	*12/13/05*	*EPA 8270C*	
Surrogate: Terphenyl-d14	*80.9 %*	*Limits: 30-115%*			*B5L0176*	*12/12/05*	*12/13/05*	*EPA 8270C*	

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Bloomington, MN 55438
952-995-2000 Phone
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Service Engineering Group	Client Ref:05500	Work Order #: 0506423
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-10M-PO

0506423-02 (Water)

12/7/05 8:00

Classical Chemistry Parameters

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Dissolved Organic Carbon	**29**	1.5	0.50	mg/L	B5L0235	12/11/05	12/12/05	ASTM D5373	ts

Metals

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Mercury, Dissolved	0.10 J	0.20	0.011	ug/L	B5L0144	12/8/05	12/9/05	EPA 7470A	

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,2,4-Trichlorobenzene	**9.4**	7.3	0.48	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
1,2-Dichlorobenzene	**64**	7.3	0.39	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
1,2-Diphenylhydrazine	ND	7.3	0.54	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
1,3-Dichlorobenzene	**18**	7.3	0.43	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
1,4-Dichlorobenzene	**170**	36	2.1	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
2,4,5-Trichlorophenol	ND	7.3	0.22	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
2,4,6-Trichlorophenol	ND	7.3	0.33	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
2,4-Dichlorophenol	5.2 J	15	0.41	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
2,4-Dimethylphenol	4.0 J	7.3	0.58	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
2,4-Dinitrophenol	ND	7.3	1.4	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
2,4-Dinitrotoluene	ND	7.3	0.30	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
2,6-Dinitrotoluene	ND	7.3	0.85	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
2-Chloronaphthalene	ND	7.3	0.43	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
2-Chlorophenol	3.8 J	15	0.92	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
2-Methylnaphthalene	**38**	7.3	0.57	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
2-Methylphenol	ND	15	3.6	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
2-Nitroaniline	ND	7.3	0.68	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
2-Nitrophenol	ND	15	0.79	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
3,3-Dichlorobenzidine	ND	7.3	0.79	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
3-/4-Methylphenol	ND	15	0.40	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
3-Nitroaniline	ND	7.3	0.97	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
4,6-Dinitro-2-methylphenol	ND	7.3	1.0	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
4-Bromophenyl phenyl ether	ND	7.3	0.35	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506423
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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-10M-PO

0506423-02 (Water)

12/7/05 8:00

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
4-Chloro-3-methylphenol	ND	7.3	0.34	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
4-Chloroaniline	ND	7.3	0.87	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	2.9	0.36	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
4-Nitroaniline	ND	7.3	0.49	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
4-Nitrophenol	ND	7.3	1.2	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	gp
Acenaphthene	**22**	2.9	0.38	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Acenaphthylene	2.1 J	2.9	0.27	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Aniline	ND	7.3	1.3	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Anthracene	2.6 J	2.9	0.30	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Benz(a)anthracene	ND	2.9	1.0	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Benzo(a)pyrene	ND	2.9	1.1	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Benzo(b)fluoranthene	ND	2.9	0.62	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Benzo(g,h,i)perylene	ND	2.9	0.98	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Benzo(k)fluoranthene	ND	2.9	1.1	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Benzyl alcohol	1.7 J	15	0.47	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
bis(2-Chloroethoxy)methane	ND	7.3	0.49	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Bis(2-Chloroethyl)ether	ND	7.3	0.61	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Bis(2-chloroisopropyl)ether	ND	7.3	0.47	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Bis(2-Ethylhexyl)phthalate	ND	7.3	2.2	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Butyl benzyl phthalate	ND	7.3	0.45	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Carbazole	**29**	7.3	0.50	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Chrysene	ND	2.9	1.0	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Dibenz(a,h)anthracene	ND	2.9	1.1	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Dibenzofuran	**10**	7.3	0.40	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Diethylphthalate	ND	7.3	0.44	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Dimethyl phthalate	ND	7.3	0.31	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Di-n-butyl phthalate	1.0 J	7.3	0.69	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Di-n-octyl phthalate	ND	7.3	1.2	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Fluoranthene	2.1 J	2.9	0.38	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-10M-PO

0506423-02 (Water)

12/7/05 8:00

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Fluorene	**11**	2.9	0.66	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Hexachlorobenzene	ND	7.3	0.35	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Hexachlorobutadiene	ND	7.3	0.46	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Hexachlorocyclopentadiene	ND	7.3	0.40	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Hexachloroethane	ND	7.3	0.51	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Indeno(1,2,3-cd)pyrene	ND	2.9	1.1	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Isophorone	ND	7.3	0.30	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Naphthalene	**600**	36	2.3	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Nitrobenzene	ND	7.3	0.39	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
N-Nitrosodimethylamine	ND	7.3	0.38	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
N-Nitrosodi-n-propylamine	ND	7.3	0.46	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
N-Nitrosodiphenylamine	ND	7.3	0.45	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Pentachlorophenol	ND	7.3	0.80	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	go, gp
Phenanthrene	**12**	2.9	0.30	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Phenol	ND	15	3.1	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Pyrene	1.3 J	2.9	0.73	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Pyridine	ND	15	3.6	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Surrogate: 2,4,6-Tribromophenol	*95.5 %*	*Limits: 65-100%*			*B5L0140*	*12/8/05*	*12/12/05*	*EPA 8270C*	
Surrogate: 2-Fluorobiphenyl	*71.8 %*	*Limits: 59-101%*			*B5L0140*	*12/8/05*	*12/12/05*	*EPA 8270C*	
Surrogate: 2-Fluorophenol	*54.0 %*	*Limits: 30-75%*			*B5L0140*	*12/8/05*	*12/12/05*	*EPA 8270C*	
Surrogate: Nitrobenzene-d5	*60.5 %*	*Limits: 57-101%*			*B5L0140*	*12/8/05*	*12/12/05*	*EPA 8270C*	
Surrogate: Phenol-d6	*52.6 %*	*Limits: 30-75%*			*B5L0140*	*12/8/05*	*12/12/05*	*EPA 8270C*	
Surrogate: Terphenyl-d14	*82.2 %*	*Limits: 65-100%*			*B5L0140*	*12/8/05*	*12/12/05*	*EPA 8270C*	

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,1,2-Tetrachloroethane	ND	2.0	0.28	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	vfa
1,1,1-Trichloroethane	ND	2.0	0.10	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	vfa

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Service Engineering Group	Client Ref:05500	Work Order #: 0506423
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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-10M-PO

0506423-02 (Water)

12/7/05 8:00

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,2,2-Tetrachloroethane	ND	2.0	0.47	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	vfa
1,1,2-Trichloroethane	ND	2.0	0.40	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	vfa
1,1,2-Trichlorotrifluoroethane	ND	2.0	0.23	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	vfa
1,1-Dichloroethane	ND	2.0	0.11	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	vfa
1,1-Dichloroethene	ND	2.0	0.17	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	vfa
1,1-Dichloropropene	ND	2.0	0.15	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	vfa
1,2,3-Trichlorobenzene	ND	2.0	0.22	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	vfa
1,2,3-Trichloropropane	ND	2.0	0.60	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	vfa
1,2,4-Trichlorobenzene	**24**	2.0	0.29	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	vfa
1,2,4-Trimethylbenzene	**37**	2.0	0.14	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	vfa
1,2-Dibromo-3-chloropropane	ND	2.0	0.81	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	vfa
1,2-Dibromoethane	ND	2.0	0.13	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	vfa
1,2-Dichlorobenzene	**170**	2.0	0.24	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	vfa
1,2-Dichloroethane	ND	2.0	0.11	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	vfa
1,2-Dichloropropane	ND	2.0	0.10	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	vfa
1,3,5-Trimethylbenzene	**42**	2.0	0.19	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	vfa
1,3-Dichlorobenzene	**46**	2.0	0.17	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	vfa
1,3-Dichloropropane	ND	2.0	0.25	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	vfa
1,4-Dichlorobenzene	**380**	50	6.0	ug/L	B5L0223	12/13/05	12/15/05	EPA 8260B	vfa
2,2-Dichloropropane	ND	2.0	0.21	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	vfa
2-Butanone (MEK)	ND	20	2.7	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	vfa
2-Chlorotoluene	ND	2.0	0.39	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	vfa
4-Chlorotoluene	ND	2.0	0.26	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	vfa
4-Isopropyltoluene	**5.4**	2.0	0.12	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	vfa
Acetone	**53**	40	3.1	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	vfa
Allyl Chloride	ND	2.0	0.52	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	vfa
Benzene	**53**	2.0	0.090	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	vfa
Bromobenzene	ND	2.0	0.30	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	vfa
Bromochloromethane	ND	2.0	0.42	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	vfa

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-10M-PO

0506423-02 (Water)

12/7/05 8:00

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Bromodichloromethane	ND	2.0	0.21	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	vfa
Bromoform	ND	10	0.26	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	vfa
Bromomethane	ND	2.0	0.27	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	vfa
Carbon Tetrachloride	ND	2.0	0.11	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	vfa
Chlorobenzene	**370**	50	2.1	ug/L	B5L0223	12/13/05	12/15/05	EPA 8260B	vfa
Chlorodibromomethane	ND	2.0	0.056	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	vfa
Chloroethane	ND	2.0	0.22	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	vfa
Chloroform	ND	2.0	0.23	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	vfa
Chloromethane	ND	2.0	0.40	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	vfa
cis-1,2-Dichloroethene	ND	2.0	0.21	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	vfa
cis-1,3-Dichloropropene	ND	2.0	0.082	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	vfa
Dibromomethane	ND	2.0	0.40	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	vfa
Dichlorodifluoromethane	ND	2.0	0.25	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	vfa
Dichlorofluoromethane	ND	2.0	0.21	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	vfa
Ethyl Ether	ND	2.0	0.61	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	vfa
Ethylbenzene	**16**	2.0	0.21	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	vfa
Hexachlorobutadiene	ND	4.0	0.49	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	vfa
Isopropylbenzene	ND	2.0	0.13	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	vfa
m,p-Xylenes	**130**	2.0	0.25	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	vfa
Methyl Isobutyl Ketone	ND	10	0.83	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	vfa
Methylene chloride	ND	10	1.3	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	vfa
Methyl-t-butyl ether	ND	2.0	0.24	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	vfa
Naphthalene	**1100**	50	5.0	ug/L	B5L0223	12/13/05	12/15/05	EPA 8260B	vfa
n-Butylbenzene	ND	2.0	0.24	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	vfa
n-Propylbenzene	ND	2.0	0.21	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	vfa
o-Xylene	**62**	2.0	0.28	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	vfa
sec-Butylbenzene	ND	2.0	0.084	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	vfa
Styrene	ND	2.0	0.094	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	vfa
tert-Butylbenzene	**3.2**	2.0	0.20	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	vfa

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Service Engineering Group	Client Ref:05500	Work Order #: 0506423
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-10M-PO

0506423-02 (Water)

12/7/05 8:00

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Tetrachloroethene	ND	4.0	0.38	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	vfa
Tetrahydrofuran	ND	10	2.3	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	vfa
Toluene	**100**	2.0	0.34	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	vfa
trans-1,2-Dichloroethene	ND	2.0	0.27	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	vfa
trans-1,3-Dichloropropene	ND	2.0	0.24	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	vfa
Trichloroethene	ND	2.0	0.15	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	vfa
Trichlorofluoromethane	ND	2.0	0.38	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	vfa
Vinyl chloride	ND	2.0	0.50	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	vfa
Surrogate: 1,2-Dichloroethane-d4	*102 %*	*Limits: 82-128%*			*B5L0223*	*12/13/05*	*12/13/05*	*EPA 8260B*	*vfa*
Surrogate: 4-Bromofluorobenzene	*105 %*	*Limits: 76-119%*			*B5L0223*	*12/13/05*	*12/13/05*	*EPA 8260B*	*vfa*
Surrogate: Dibromofluoromethane	*94.4 %*	*Limits: 79-127%*			*B5L0223*	*12/13/05*	*12/13/05*	*EPA 8260B*	*vfa*
Surrogate: Toluene-d8	*96.4 %*	*Limits: 82-116%*			*B5L0223*	*12/13/05*	*12/13/05*	*EPA 8260B*	*vfa*

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Service Engineering Group	Client Ref:05500	Work Order #: 0506423
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

7015-10M-PO

0506423-03 (Water)

12/7/05 8:00

Classical Chemistry Parameters

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Total Suspended Solids	**21000**	5.0	3.6	mg/L	B5L0163	12/9/05	12/9/05	EPA 160.2	
Total Organic Carbon	**36**	8.0	3.0	mg/L	B5L0235	12/11/05	12/12/05	EPA 9060	ts

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,2,4-Trichlorobenzene	**18**	5.9	0.39	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
1,2-Dichlorobenzene	**110**	5.9	0.31	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
1,2-Diphenylhydrazine	ND	5.9	0.44	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
1,3-Dichlorobenzene	**32**	5.9	0.35	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
1,4-Dichlorobenzene	**270**	59	3.4	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
2,4,5-Trichlorophenol	ND	5.9	0.18	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
2,4,6-Trichlorophenol	ND	5.9	0.27	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
2,4-Dichlorophenol	7.9 J	12	0.33	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
2,4-Dimethylphenol	**7.3**	5.9	0.47	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
2,4-Dinitrophenol	ND	5.9	1.1	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
2,4-Dinitrotoluene	ND	5.9	0.24	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
2,6-Dinitrotoluene	ND	5.9	0.69	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
2-Chloronaphthalene	ND	5.9	0.35	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
2-Chlorophenol	4.0 J	12	0.74	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
2-Methylnaphthalene	**66**	5.9	0.46	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
2-Methylphenol	ND	12	2.9	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
2-Nitroaniline	ND	5.9	0.55	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
2-Nitrophenol	ND	12	0.63	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
3,3-Dichlorobenzidine	ND	5.9	0.64	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
3-/4-Methylphenol	ND	12	0.32	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
3-Nitroaniline	ND	5.9	0.78	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
4,6-Dinitro-2-methylphenol	ND	5.9	0.83	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
4-Bromophenyl phenyl ether	ND	5.9	0.28	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
4-Chloro-3-methylphenol	ND	5.9	0.28	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
4-Chloroaniline	ND	5.9	0.70	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506423
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

7015-10M-PO

0506423-03 (Water)

12/7/05 8:00

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
4-Chlorophenyl phenyl ether	ND	2.4	0.29	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
4-Nitroaniline	ND	5.9	0.40	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
4-Nitrophenol	ND	5.9	0.96	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	gp
Acenaphthene	**35**	2.4	0.31	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Acenaphthylene	**3.1**	2.4	0.22	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Aniline	ND	5.9	1.0	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Anthracene	**11**	2.4	0.24	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Benz(a)anthracene	**2.7**	2.4	0.83	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Benzo(a)pyrene	1.7 J	2.4	0.91	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Benzo(b)fluoranthene	1.5 J	2.4	0.50	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Benzo(g,h,i)perylene	0.94 J	2.4	0.79	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Benzo(k)fluoranthene	1.4 J	2.4	0.88	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Benzyl alcohol	ND	12	0.38	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
bis(2-Chloroethoxy)methane	ND	5.9	0.40	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Bis(2-Chloroethyl)ether	ND	5.9	0.49	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Bis(2-chloroisopropyl)ether	ND	5.9	0.38	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Bis(2-Ethylhexyl)phthalate	ND	5.9	1.8	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Butyl benzyl phthalate	ND	5.9	0.36	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Carbazole	**33**	5.9	0.40	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Chrysene	**2.8**	2.4	0.83	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Dibenz(a,h)anthracene	ND	2.4	0.92	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Dibenzofuran	**16**	5.9	0.32	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Diethylphthalate	ND	5.9	0.36	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Dimethyl phthalate	ND	5.9	0.25	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Di-n-butyl phthalate	ND	5.9	0.55	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Di-n-octyl phthalate	ND	5.9	0.94	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Fluoranthene	**12**	2.4	0.30	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Fluorene	**59**	2.4	0.54	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Hexachlorobenzene	ND	5.9	0.29	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Hexachlorobutadiene	ND	5.9	0.37	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506423
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

7015-10M-PO

0506423-03 (Water)

12/7/05 8:00

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Hexachlorocyclopentadiene	ND	5.9	0.33	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Hexachloroethane	ND	5.9	0.41	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Indeno(1,2,3-cd)pyrene	ND	2.4	0.92	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Isophorone	ND	5.9	0.24	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Naphthalene	**880**	59	3.7	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Nitrobenzene	ND	5.9	0.31	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
N-Nitrosodimethylamine	ND	5.9	0.30	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
N-Nitrosodi-n-propylamine	ND	5.9	0.37	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
N-Nitrosodiphenylamine	ND	5.9	0.36	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Pentachlorophenol	ND	5.9	0.64	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	go, gp
Phenanthrene	**37**	2.4	0.24	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Phenol	ND	12	2.5	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Pyrene	**8.8**	2.4	0.59	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Pyridine	ND	12	2.9	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Surrogate: 2,4,6-Tribromophenol	*85.9 %*	*Limits: 65-100%*			*B5L0140*	*12/8/05*	*12/12/05*	*EPA 8270C*	
Surrogate: 2-Fluorobiphenyl	*62.6 %*	*Limits: 59-101%*			*B5L0140*	*12/8/05*	*12/12/05*	*EPA 8270C*	
Surrogate: 2-Fluorophenol	*49.7 %*	*Limits: 30-75%*			*B5L0140*	*12/8/05*	*12/12/05*	*EPA 8270C*	
Surrogate: Nitrobenzene-d5	*60.9 %*	*Limits: 57-101%*			*B5L0140*	*12/8/05*	*12/12/05*	*EPA 8270C*	
Surrogate: Phenol-d6	*45.7 %*	*Limits: 30-75%*			*B5L0140*	*12/8/05*	*12/12/05*	*EPA 8270C*	
Surrogate: Terphenyl-d14	*78.6 %*	*Limits: 65-100%*			*B5L0140*	*12/8/05*	*12/12/05*	*EPA 8270C*	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-10M-DCN

0506423-04 (Water)

12/7/05 9:40

Metals

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Mercury	ND	0.20	0.011	ug/L	B5L0144	12/8/05	12/9/05	EPA 7470A	

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,2,4-Trichlorobenzene	ND	5.0	0.33	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
1,2-Dichlorobenzene	0.70 J	5.0	0.27	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
1,2-Diphenylhydrazine	ND	5.0	0.37	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
1,3-Dichlorobenzene	ND	5.0	0.30	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
1,4-Dichlorobenzene	2.1 J	5.0	0.29	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
2,4,5-Trichlorophenol	ND	5.0	0.15	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
2,4,6-Trichlorophenol	ND	5.0	0.23	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
2,4-Dichlorophenol	ND	10	0.28	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
2,4-Dimethylphenol	ND	5.0	0.40	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
2,4-Dinitrophenol	ND	5.0	0.96	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
2,4-Dinitrotoluene	ND	5.0	0.20	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
2,6-Dinitrotoluene	ND	5.0	0.58	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
2-Chloronaphthalene	ND	5.0	0.30	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
2-Chlorophenol	ND	10	0.63	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
2-Methylnaphthalene	0.53 J	5.0	0.39	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
2-Methylphenol	ND	10	2.5	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
2-Nitroaniline	ND	5.0	0.46	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
2-Nitrophenol	ND	10	0.54	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
3,3-Dichlorobenzidine	ND	5.0	0.54	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
3-/4-Methylphenol	ND	10	0.28	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
3-Nitroaniline	ND	5.0	0.66	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
4,6-Dinitro-2-methylphenol	ND	5.0	0.70	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
4-Bromophenyl phenyl ether	ND	5.0	0.24	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
4-Chloro-3-methylphenol	ND	5.0	0.23	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
4-Chloroaniline	ND	5.0	0.59	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506423
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-10M-DCN

0506423-04 (Water)

12/7/05 9:40

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
4-Chlorophenyl phenyl ether	ND	2.0	0.25	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
4-Nitroaniline	ND	5.0	0.34	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
4-Nitrophenol	ND	5.0	0.82	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	gp
Acenaphthene	ND	2.0	0.26	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Acenaphthylene	ND	2.0	0.19	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Aniline	ND	5.0	0.88	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Anthracene	ND	2.0	0.21	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Benz(a)anthracene	ND	2.0	0.71	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Benzo(a)pyrene	ND	2.0	0.77	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Benzo(b)fluoranthene	ND	2.0	0.42	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Benzo(g,h,i)perylene	ND	2.0	0.67	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Benzo(k)fluoranthene	ND	2.0	0.75	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Benzyl alcohol	ND	10	0.32	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
bis(2-Chloroethoxy)methane	ND	5.0	0.34	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Bis(2-Chloroethyl)ether	ND	5.0	0.42	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Bis(2-chloroisopropyl)ether	ND	5.0	0.32	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Bis(2-Ethylhexyl)phthalate	ND	5.0	1.5	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Butyl benzyl phthalate	ND	5.0	0.31	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Carbazole	ND	5.0	0.34	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Chrysene	ND	2.0	0.70	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Dibenz(a,h)anthracene	ND	2.0	0.78	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Dibenzofuran	ND	5.0	0.27	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Diethylphthalate	ND	5.0	0.30	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Dimethyl phthalate	ND	5.0	0.21	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Di-n-butyl phthalate	ND	5.0	0.47	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Di-n-octyl phthalate	ND	5.0	0.80	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Fluoranthene	ND	2.0	0.26	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Fluorene	ND	2.0	0.46	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	

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BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
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Service Engineering Group	Client Ref:05500	Work Order #: 0506423
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-10M-DCN

0506423-04 (Water)

12/7/05 9:40

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Hexachlorobenzene	ND	5.0	0.24	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Hexachlorobutadiene	ND	5.0	0.31	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Hexachlorocyclopentadiene	ND	5.0	0.28	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Hexachloroethane	ND	5.0	0.35	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Indeno(1,2,3-cd)pyrene	ND	2.0	0.78	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Isophorone	ND	5.0	0.21	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Naphthalene	**5.7**	5.0	0.32	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Nitrobenzene	ND	5.0	0.27	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
N-Nitrosodimethylamine	ND	5.0	0.26	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
N-Nitrosodi-n-propylamine	ND	5.0	0.31	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
N-Nitrosodiphenylamine	ND	5.0	0.31	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Pentachlorophenol	ND	5.0	0.54	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	go, gp
Phenanthrene	0.50 J	2.0	0.21	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Phenol	ND	10	2.1	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Pyrene	ND	2.0	0.50	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Pyridine	ND	10	2.4	ug/L	B5L0140	12/8/05	12/12/05	EPA 8270C	
Surrogate: 2,4,6-Tribromophenol	*94.0 %*	*Limits: 65-100%*			*B5L0140*	*12/8/05*	*12/12/05*	*EPA 8270C*	
Surrogate: 2-Fluorobiphenyl	*78.1 %*	*Limits: 59-101%*			*B5L0140*	*12/8/05*	*12/12/05*	*EPA 8270C*	
Surrogate: 2-Fluorophenol	*48.5 %*	*Limits: 30-75%*			*B5L0140*	*12/8/05*	*12/12/05*	*EPA 8270C*	
Surrogate: Nitrobenzene-d5	*62.5 %*	*Limits: 57-101%*			*B5L0140*	*12/8/05*	*12/12/05*	*EPA 8270C*	
Surrogate: Phenol-d6	*38.6 %*	*Limits: 30-75%*			*B5L0140*	*12/8/05*	*12/12/05*	*EPA 8270C*	
Surrogate: Terphenyl-d14	*85.7 %*	*Limits: 65-100%*			*B5L0140*	*12/8/05*	*12/12/05*	*EPA 8270C*	

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,1,1-Trichloroethane	ND	1.0	0.050	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	

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11001 Hampshire Ave. S.
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952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:05500	Work Order #: 0506423
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-10M-DCN

0506423-04 (Water)

12/7/05 9:40

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,1,2-Trichlorotrifluoroethane	ND	1.0	0.12	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,1-Dichloroethane	ND	1.0	0.053	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,1-Dichloroethene	ND	1.0	0.085	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,1-Dichloropropene	ND	1.0	0.073	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,2,3-Trichlorobenzene	ND	1.0	0.11	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,2,3-Trichloropropane	ND	1.0	0.30	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,2,4-Trichlorobenzene	ND	1.0	0.14	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,2,4-Trimethylbenzene	ND	1.0	0.071	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,2-Dibromo-3-chloropropane	ND	1.0	0.41	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,2-Dibromoethane	ND	1.0	0.064	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,2-Dichlorobenzene	ND	1.0	0.12	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,2-Dichloroethane	ND	1.0	0.053	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,2-Dichloropropane	ND	1.0	0.050	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,3,5-Trimethylbenzene	ND	1.0	0.097	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,3-Dichlorobenzene	ND	1.0	0.083	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,3-Dichloropropane	ND	1.0	0.13	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,4-Dichlorobenzene	**2.5**	1.0	0.12	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
2,2-Dichloropropane	ND	1.0	0.10	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
2-Butanone (MEK)	ND	10	1.3	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
2-Chlorotoluene	ND	1.0	0.20	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
4-Chlorotoluene	ND	1.0	0.13	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
4-Isopropyltoluene	ND	1.0	0.058	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Acetone	ND	20	1.5	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Allyl Chloride	ND	1.0	0.26	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Benzene	ND	1.0	0.045	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Bromobenzene	ND	1.0	0.15	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506423
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-10M-DCN

0506423-04 (Water)

12/7/05 9:40

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Bromochloromethane	ND	1.0	0.21	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Bromodichloromethane	**4.9**	1.0	0.11	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Bromoform	ND	5.0	0.13	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Bromomethane	ND	1.0	0.14	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Carbon Tetrachloride	ND	1.0	0.057	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Chlorobenzene	**1.4**	1.0	0.042	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Chlorodibromomethane	ND	1.0	0.028	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Chloroethane	ND	1.0	0.11	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Chloroform	**14**	1.0	0.12	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Chloromethane	**1.0**	1.0	0.20	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.0	0.10	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.0	0.041	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Dibromomethane	ND	1.0	0.20	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Dichlorodifluoromethane	ND	1.0	0.13	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Dichlorofluoromethane	ND	1.0	0.10	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Ethyl Ether	ND	1.0	0.31	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Ethylbenzene	ND	1.0	0.10	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Hexachlorobutadiene	ND	2.0	0.24	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Isopropylbenzene	ND	1.0	0.064	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
m,p-Xylenes	ND	1.0	0.13	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Methyl Isobutyl Ketone	ND	5.0	0.42	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Methylene chloride	ND	5.0	0.63	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Methyl-t-butyl ether	ND	1.0	0.12	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Naphthalene	ND	1.0	0.10	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
n-Butylbenzene	ND	1.0	0.12	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
n-Propylbenzene	ND	1.0	0.10	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
o-Xylene	ND	1.0	0.14	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
sec-Butylbenzene	ND	1.0	0.042	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Styrene	ND	1.0	0.047	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506423
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-10M-DCN

0506423-04 (Water)

12/7/05 9:40

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
tert-Butylbenzene	ND	1.0	0.10	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Tetrachloroethene	ND	2.0	0.19	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Tetrahydrofuran	ND	5.0	1.2	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Toluene	ND	1.0	0.17	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
trans-1,2-Dichloroethene	ND	1.0	0.14	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.0	0.12	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Trichloroethene	ND	1.0	0.073	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Trichlorofluoromethane	ND	1.0	0.19	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Vinyl chloride	ND	1.0	0.25	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4	*102 %*	*Limits: 82-128%*			*B5L0223*	*12/13/05*	*12/13/05*	*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene	*101 %*	*Limits: 76-119%*			*B5L0223*	*12/13/05*	*12/13/05*	*EPA 8260B*	
Surrogate: Dibromofluoromethane	*96.8 %*	*Limits: 79-127%*			*B5L0223*	*12/13/05*	*12/13/05*	*EPA 8260B*	
Surrogate: Toluene-d8	*98.0 %*	*Limits: 82-116%*			*B5L0223*	*12/13/05*	*12/13/05*	*EPA 8260B*	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506423
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-10Q-PR

0506423-05 (Water)

12/7/05 9:50

Classical Chemistry Parameters

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Total Suspended Solids	**36000**	5.0	3.6	mg/L	B5L0163	12/9/05	12/9/05	EPA 160.2	
Total Organic Carbon	**34**	8.0	3.0	mg/L	B5L0235	12/11/05	12/12/05	EPA 9060	ts

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Service Engineering Group	Client Ref:05500	Work Order #: 0506423
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Trip Blank

0506423-06 (Water)

12/7/05 9:50

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,1,1-Trichloroethane	ND	1.0	0.050	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,1,2-Trichlorotrifluoroethane	ND	1.0	0.12	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,1-Dichloroethane	ND	1.0	0.053	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,1-Dichloroethene	ND	1.0	0.085	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,1-Dichloropropene	ND	1.0	0.073	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,2,3-Trichlorobenzene	ND	1.0	0.11	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,2,3-Trichloropropane	ND	1.0	0.30	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,2,4-Trichlorobenzene	ND	1.0	0.14	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,2,4-Trimethylbenzene	ND	1.0	0.071	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,2-Dibromo-3-chloropropane	ND	1.0	0.41	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,2-Dibromoethane	ND	1.0	0.064	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,2-Dichlorobenzene	ND	1.0	0.12	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,2-Dichloroethane	ND	1.0	0.053	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,2-Dichloropropane	ND	1.0	0.050	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,3,5-Trimethylbenzene	ND	1.0	0.097	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,3-Dichlorobenzene	ND	1.0	0.083	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,3-Dichloropropane	ND	1.0	0.13	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
1,4-Dichlorobenzene	ND	1.0	0.12	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
2,2-Dichloropropane	ND	1.0	0.10	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
2-Butanone (MEK)	ND	10	1.3	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
2-Chlorotoluene	ND	1.0	0.20	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
4-Chlorotoluene	ND	1.0	0.13	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
4-Isopropyltoluene	ND	1.0	0.058	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Acetone	ND	20	1.5	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Allyl Chloride	ND	1.0	0.26	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506423
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Trip Blank

0506423-06 (Water)

12/7/05 9:50

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	0.045	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Bromobenzene	ND	1.0	0.15	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Bromochloromethane	ND	1.0	0.21	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Bromodichloromethane	ND	1.0	0.11	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Bromoform	ND	5.0	0.13	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Bromomethane	ND	1.0	0.14	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Carbon Tetrachloride	ND	1.0	0.057	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Chlorobenzene	ND	1.0	0.042	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Chlorodibromomethane	ND	1.0	0.028	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Chloroethane	ND	1.0	0.11	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Chloroform	ND	1.0	0.12	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Chloromethane	ND	1.0	0.20	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.0	0.10	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.0	0.041	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Dibromomethane	ND	1.0	0.20	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Dichlorodifluoromethane	ND	1.0	0.13	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Dichlorofluoromethane	ND	1.0	0.10	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Ethyl Ether	ND	1.0	0.31	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Ethylbenzene	ND	1.0	0.10	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Hexachlorobutadiene	ND	2.0	0.24	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Isopropylbenzene	ND	1.0	0.064	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
m,p-Xylenes	ND	1.0	0.13	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Methyl Isobutyl Ketone	ND	5.0	0.42	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Methylene chloride	ND	5.0	0.63	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Methyl-t-butyl ether	ND	1.0	0.12	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Naphthalene	ND	1.0	0.10	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
n-Butylbenzene	ND	1.0	0.12	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
n-Propylbenzene	ND	1.0	0.10	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506423
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Trip Blank

0506423-06 (Water)

12/7/05 9:50

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
o-Xylene	ND	1.0	0.14	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
sec-Butylbenzene	ND	1.0	0.042	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Styrene	ND	1.0	0.047	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
tert-Butylbenzene	ND	1.0	0.10	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Tetrachloroethene	ND	2.0	0.19	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Tetrahydrofuran	ND	5.0	1.2	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Toluene	ND	1.0	0.17	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
trans-1,2-Dichloroethene	ND	1.0	0.14	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.0	0.12	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Trichloroethene	ND	1.0	0.073	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Trichlorofluoromethane	ND	1.0	0.19	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Vinyl chloride	ND	1.0	0.25	ug/L	B5L0223	12/13/05	12/13/05	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4	*101 %*	*Limits: 82-128%*			*B5L0223*	*12/13/05*	*12/13/05*	*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene	*101 %*	*Limits: 76-119%*			*B5L0223*	*12/13/05*	*12/13/05*	*EPA 8260B*	
Surrogate: Dibromofluoromethane	*95.2 %*	*Limits: 79-127%*			*B5L0223*	*12/13/05*	*12/13/05*	*EPA 8260B*	
Surrogate: Toluene-d8	*99.2 %*	*Limits: 82-116%*			*B5L0223*	*12/13/05*	*12/13/05*	*EPA 8260B*	

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675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Classical Chemistry Parameters - Quality Control

Batch B5L0163 - Default Prep GenChem

Method Blank (B5L0163-BLK1) Prepared & Analyzed: 12/09/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Suspended Solids	ND	5.0	3.6	mg/L	NA	NA	NA	NA	NA	NA	

Laboratory Control Sample (B5L0163-BS1) Prepared & Analyzed: 12/09/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Suspended Solids	289			mg/L	250	NA	116	80-120	NA	NA	

Batch B5L0219 - % Solids

Method Blank (B5L0219-BLK1) Prepared & Analyzed: 12/13/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
% Solids	ND			% Wt	NA	NA	NA	NA	NA	NA	

Standard Reference Material (B5L0219-SRM1) Prepared & Analyzed: 12/13/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
% Solids	90.3			% Wt	88.8	NA	102	90-110	NA	NA	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Metals - Quality Control

Batch B5L0144 - EPA 7470A

Method Blank (B5L0144-BLK1) Prepared: 12/08/05 Analyzed: 12/09/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury, Dissolved	ND	0.20	0.011	ug/L	NA	NA	NA	NA	NA	NA	
Mercury	ND	0.20	0.011	ug/L	NA	NA	NA	NA	NA	NA	

Laboratory Control Sample (B5L0144-BS1) Prepared: 12/08/05 Analyzed: 12/09/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury, Dissolved	2.58	0.20	0.011	ug/L	2.50	NA	103	85-115	NA	NA	
Mercury	2.58	0.20	0.011	ug/L	2.50	NA	103	85-115	NA	NA	

Laboratory Control Sample Duplicate (B5L0144-BSD1) Prepared: 12/08/05 Analyzed: 12/09/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury, Dissolved	2.66	0.20	0.011	ug/L	2.50	NA	106	85-115	3.05	20	
Mercury	2.66	0.20	0.011	ug/L	2.50	NA	106	85-115	3.05	20	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5L0140 - EPA 3510C

Method Blank (B5L0140-BLK1) Prepared: 12/08/05 Analyzed: 12/12/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	ND	5.0	0.33	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	ND	5.0	0.27	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Diphenylhydrazine	ND	5.0	0.37	ug/L	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	ND	5.0	0.30	ug/L	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	ND	5.0	0.29	ug/L	NA	NA	NA	NA	NA	NA	
2,4,5-Trichlorophenol	ND	5.0	0.15	ug/L	NA	NA	NA	NA	NA	NA	
2,4,6-Trichlorophenol	ND	5.0	0.23	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dichlorophenol	ND	10	0.28	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dimethylphenol	ND	5.0	0.40	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dinitrophenol	ND	5.0	0.96	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dinitrotoluene	ND	5.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
2,6-Dinitrotoluene	ND	5.0	0.58	ug/L	NA	NA	NA	NA	NA	NA	
2-Chloronaphthalene	ND	5.0	0.30	ug/L	NA	NA	NA	NA	NA	NA	
2-Chlorophenol	ND	10	0.63	ug/L	NA	NA	NA	NA	NA	NA	
2-Methylnaphthalene	ND	5.0	0.39	ug/L	NA	NA	NA	NA	NA	NA	
2-Methylphenol	ND	10	2.5	ug/L	NA	NA	NA	NA	NA	NA	
2-Nitroaniline	ND	5.0	0.46	ug/L	NA	NA	NA	NA	NA	NA	
2-Nitrophenol	ND	10	0.54	ug/L	NA	NA	NA	NA	NA	NA	
3,3-Dichlorobenzidine	ND	5.0	0.54	ug/L	NA	NA	NA	NA	NA	NA	
3-/4-Methylphenol	ND	10	0.28	ug/L	NA	NA	NA	NA	NA	NA	
3-Nitroaniline	ND	5.0	0.66	ug/L	NA	NA	NA	NA	NA	NA	
4,6-Dinitro-2-methylphenol	ND	5.0	0.70	ug/L	NA	NA	NA	NA	NA	NA	
4-Bromophenyl phenyl ether	ND	5.0	0.24	ug/L	NA	NA	NA	NA	NA	NA	
4-Chloro-3-methylphenol	ND	5.0	0.23	ug/L	NA	NA	NA	NA	NA	NA	
4-Chloroaniline	ND	5.0	0.59	ug/L	NA	NA	NA	NA	NA	NA	
4-Chlorophenyl phenyl ether	ND	2.0	0.25	ug/L	NA	NA	NA	NA	NA	NA	
4-Nitroaniline	ND	5.0	0.34	ug/L	NA	NA	NA	NA	NA	NA	
4-Nitrophenol	ND	5.0	0.82	ug/L	NA	NA	NA	NA	NA	NA	
Acenaphthene	ND	2.0	0.26	ug/L	NA	NA	NA	NA	NA	NA	
Acenaphthylene	ND	2.0	0.19	ug/L	NA	NA	NA	NA	NA	NA	
Aniline	ND	5.0	0.88	ug/L	NA	NA	NA	NA	NA	NA	
Anthracene	ND	2.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Benz(a)anthracene	ND	2.0	0.71	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(a)pyrene	ND	2.0	0.77	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(b)fluoranthene	ND	2.0	0.42	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(g,h,i)perylene	ND	2.0	0.67	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(k)fluoranthene	ND	2.0	0.75	ug/L	NA	NA	NA	NA	NA	NA	
Benzyl alcohol	ND	10	0.32	ug/L	NA	NA	NA	NA	NA	NA	
bis(2-Chloroethoxy)methane	ND	5.0	0.34	ug/L	NA	NA	NA	NA	NA	NA	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506423
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5L0140 - EPA 3510C

Method Blank (B5L0140-BLK1) Prepared: 12/08/05 Analyzed: 12/12/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Bis(2-Chloroethyl)ether	ND	5.0	0.42	ug/L	NA	NA	NA	NA	NA	NA	
Bis(2-chloroisopropyl)ether	ND	5.0	0.32	ug/L	NA	NA	NA	NA	NA	NA	
Bis(2-Ethylhexyl)phthalate	ND	5.0	1.5	ug/L	NA	NA	NA	NA	NA	NA	
Butyl benzyl phthalate	ND	5.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
Carbazole	ND	5.0	0.34	ug/L	NA	NA	NA	NA	NA	NA	
Chrysene	ND	2.0	0.70	ug/L	NA	NA	NA	NA	NA	NA	
Dibenz(a,h)anthracene	ND	2.0	0.78	ug/L	NA	NA	NA	NA	NA	NA	
Dibenzofuran	ND	5.0	0.27	ug/L	NA	NA	NA	NA	NA	NA	
Diethylphthalate	ND	5.0	0.30	ug/L	NA	NA	NA	NA	NA	NA	
Dimethyl phthalate	ND	5.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Di-n-butyl phthalate	ND	5.0	0.47	ug/L	NA	NA	NA	NA	NA	NA	
Di-n-octyl phthalate	ND	5.0	0.80	ug/L	NA	NA	NA	NA	NA	NA	
Fluoranthene	ND	2.0	0.26	ug/L	NA	NA	NA	NA	NA	NA	
Fluorene	ND	2.0	0.46	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorobenzene	ND	5.0	0.24	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorobutadiene	ND	5.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorocyclopentadiene	ND	5.0	0.28	ug/L	NA	NA	NA	NA	NA	NA	
Hexachloroethane	ND	5.0	0.35	ug/L	NA	NA	NA	NA	NA	NA	
Indeno(1,2,3-cd)pyrene	ND	2.0	0.78	ug/L	NA	NA	NA	NA	NA	NA	
Isophorone	ND	5.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Naphthalene	ND	5.0	0.32	ug/L	NA	NA	NA	NA	NA	NA	
Nitrobenzene	ND	5.0	0.27	ug/L	NA	NA	NA	NA	NA	NA	
N-Nitrosodimethylamine	ND	5.0	0.26	ug/L	NA	NA	NA	NA	NA	NA	
N-Nitrosodi-n-propylamine	ND	5.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
N-Nitrosodiphenylamine	ND	5.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
Pentachlorophenol	ND	5.0	0.54	ug/L	NA	NA	NA	NA	NA	NA	
Phenanthrene	ND	2.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Phenol	ND	10	2.1	ug/L	NA	NA	NA	NA	NA	NA	
Pyrene	ND	2.0	0.50	ug/L	NA	NA	NA	NA	NA	NA	
Pyridine	ND	10	2.4	ug/L	NA	NA	NA	NA	NA	NA	
Surrogate: 2,4,6-Tribromophenol	*40.8*			ug/L	*50.0*	*NA*	*81.6*	*65-100*			
Surrogate: 2-Fluorobiphenyl	*16.2*			ug/L	*25.0*	*NA*	*64.8*	*59-101*			
Surrogate: 2-Fluorophenol	*18.9*			ug/L	*50.0*	*NA*	*37.8*	*30-75*			
Surrogate: Nitrobenzene-d5	*14.4*			ug/L	*25.0*	*NA*	*57.6*	*57-101*			
Surrogate: Phenol-d6	*16.3*			ug/L	*50.0*	*NA*	*32.6*	*30-75*			
Surrogate: Terphenyl-d14	*22.4*			ug/L	*25.0*	*NA*	*89.6*	*65-100*			

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5L0140 - EPA 3510C

Laboratory Control Sample (B5L0140-BS1) Prepared: 12/08/05 Analyzed: 12/12/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	32.3	5.0	0.33	ug/L	50.0	NA	64.6	30-120	NA	NA	
1,4-Dichlorobenzene	31.9	5.0	0.29	ug/L	50.0	NA	63.8	40-110	NA	NA	
2-Chlorophenol	29.7	10	0.63	ug/L	50.0	NA	59.4	40-100	NA	NA	
4-Chloro-3-methylphenol	36.6	5.0	0.23	ug/L	50.0	NA	73.2	50-110	NA	NA	
4-Nitrophenol	15.4	5.0	0.82	ug/L	50.0	NA	30.8	30-80	NA	NA	
Acenaphthene	39.3	2.0	0.26	ug/L	50.0	NA	78.6	50-110	NA	NA	
N-Nitrosodi-n-propylamine	37.2	5.0	0.31	ug/L	50.0	NA	74.4	45-120	NA	NA	
Pentachlorophenol	21.3	5.0	0.54	ug/L	50.0	NA	42.6	45-115	NA	NA	
Phenol	20.6	10	2.1	ug/L	50.0	NA	41.2	30-80	NA	NA	
Pyrene	43.0	2.0	0.50	ug/L	50.0	NA	86.0	55-120	NA	NA	
Surrogate: 2,4,6-Tribromophenol	*39.4*			ug/L	*50.0*	*NA*	*78.8*	*65-100*			
Surrogate: 2-Fluorobiphenyl	*20.1*			ug/L	*25.0*	*NA*	*80.4*	*59-101*			
Surrogate: 2-Fluorophenol	*18.8*			ug/L	*50.0*	*NA*	*37.6*	*30-75*			
Surrogate: Nitrobenzene-d5	*17.1*			ug/L	*25.0*	*NA*	*68.4*	*57-101*			
Surrogate: Phenol-d6	*19.7*			ug/L	*50.0*	*NA*	*39.4*	*30-75*			
Surrogate: Terphenyl-d14	*22.8*			ug/L	*25.0*	*NA*	*91.2*	*65-100*			

Laboratory Control Sample Duplicate (B5L0140-BSD1) Prepared: 12/08/05 Analyzed: 12/12/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	30.3	5.0	0.33	ug/L	50.0	NA	60.6	30-120	6.39	20	
1,4-Dichlorobenzene	29.7	5.0	0.29	ug/L	50.0	NA	59.4	40-110	7.14	20	
2-Chlorophenol	30.6	10	0.63	ug/L	50.0	NA	61.2	40-100	2.99	20	
4-Chloro-3-methylphenol	37.2	5.0	0.23	ug/L	50.0	NA	74.4	50-110	1.63	20	
4-Nitrophenol	25.1	5.0	0.82	ug/L	50.0	NA	50.2	30-80	47.9	20	
Acenaphthene	38.3	2.0	0.26	ug/L	50.0	NA	76.6	50-110	2.58	20	
N-Nitrosodi-n-propylamine	35.4	5.0	0.31	ug/L	50.0	NA	70.8	45-120	4.96	20	
Pentachlorophenol	34.3	5.0	0.54	ug/L	50.0	NA	68.6	45-115	46.8	20	
Phenol	21.1	10	2.1	ug/L	50.0	NA	42.2	30-80	2.40	20	
Pyrene	44.0	2.0	0.50	ug/L	50.0	NA	88.0	55-120	2.30	20	
Surrogate: 2,4,6-Tribromophenol	*50.5*			ug/L	*50.0*	*NA*	*101*	*65-100*			
Surrogate: 2-Fluorobiphenyl	*18.8*			ug/L	*25.0*	*NA*	*75.2*	*59-101*			
Surrogate: 2-Fluorophenol	*20.6*			ug/L	*50.0*	*NA*	*41.2*	*30-75*			
Surrogate: Nitrobenzene-d5	*16.1*			ug/L	*25.0*	*NA*	*64.4*	*57-101*			
Surrogate: Phenol-d6	*19.6*			ug/L	*50.0*	*NA*	*39.2*	*30-75*			
Surrogate: Terphenyl-d14	*22.8*			ug/L	*25.0*	*NA*	*91.2*	*65-100*			

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11001 Hampshire Ave. S.
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Service Engineering Group	Client Ref:05500	Work Order #: 0506423
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5L0140 - EPA 3510C

Matrix Spike (B5L0140-MS1) **Source: 0506423-04** Prepared: 12/08/05 Analyzed: 12/12/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	62.1	10	0.68	ug/L	102	ND	60.9	30-130	NA	NA	
1,4-Dichlorobenzene	62.6	10	0.60	ug/L	102	2.1	59.3	30-130	NA	NA	
2-Chlorophenol	66.3	20	1.3	ug/L	102	ND	65.0	30-130	NA	NA	
4-Chloro-3-methylphenol	73.9	10	0.48	ug/L	102	ND	72.5	30-130	NA	NA	
4-Nitrophenol	81.7	10	1.7	ug/L	102	ND	80.1	30-130	NA	NA	
Acenaphthene	77.4	4.1	0.53	ug/L	102	ND	75.9	30-130	NA	NA	
N-Nitrosodi-n-propylamine	70.4	10	0.64	ug/L	102	ND	69.0	30-130	NA	NA	
Pentachlorophenol	76.0	10	1.1	ug/L	102	ND	74.5	30-130	NA	NA	
Phenol	62.5	20	4.3	ug/L	102	ND	61.3	30-130	NA	NA	
Pyrene	87.9	4.1	1.0	ug/L	102	ND	86.2	30-130	NA	NA	
Surrogate: 2,4,6-Tribromophenol	*106*			ug/L	*102*	*NA*	*104*	*65-100*			
Surrogate: 2-Fluorobiphenyl	*39.4*			ug/L	*51.0*	*NA*	*77.3*	*59-101*			
Surrogate: 2-Fluorophenol	*55.5*			ug/L	*102*	*NA*	*54.4*	*30-75*			
Surrogate: Nitrobenzene-d5	*32.2*			ug/L	*51.0*	*NA*	*63.1*	*57-101*			
Surrogate: Phenol-d6	*60.0*			ug/L	*102*	*NA*	*58.8*	*30-75*			
Surrogate: Terphenyl-d14	*45.1*			ug/L	*51.0*	*NA*	*88.4*	*65-100*			

Matrix Spike Duplicate (B5L0140-MSD1) **Source: 0506423-04** Prepared: 12/08/05 Analyzed: 12/12/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	63.0	9.9	0.66	ug/L	99.0	ND	63.6	30-130	1.44	30	
1,4-Dichlorobenzene	62.1	9.9	0.58	ug/L	99.0	2.1	60.6	30-130	0.802	30	
2-Chlorophenol	64.2	20	1.3	ug/L	99.0	ND	64.8	30-130	3.22	30	
4-Chloro-3-methylphenol	74.6	9.9	0.46	ug/L	99.0	ND	75.4	30-130	0.943	30	
4-Nitrophenol	80.7	9.9	1.6	ug/L	99.0	ND	81.5	30-130	1.23	30	
Acenaphthene	76.6	4.0	0.52	ug/L	99.0	ND	77.4	30-130	1.04	30	
N-Nitrosodi-n-propylamine	68.8	9.9	0.62	ug/L	99.0	ND	69.5	30-130	2.30	30	
Pentachlorophenol	71.9	9.9	1.1	ug/L	99.0	ND	72.6	30-130	5.54	30	
Phenol	59.7	20	4.2	ug/L	99.0	ND	60.3	30-130	4.58	30	
Pyrene	83.8	4.0	0.99	ug/L	99.0	ND	84.6	30-130	4.78	30	
Surrogate: 2,4,6-Tribromophenol	*101*			ug/L	*99.0*	*NA*	*102*	*65-100*			
Surrogate: 2-Fluorobiphenyl	*39.2*			ug/L	*49.5*	*NA*	*79.2*	*59-101*			
Surrogate: 2-Fluorophenol	*56.0*			ug/L	*99.0*	*NA*	*56.6*	*30-75*			
Surrogate: Nitrobenzene-d5	*33.0*			ug/L	*49.5*	*NA*	*66.7*	*57-101*			
Surrogate: Phenol-d6	*57.4*			ug/L	*99.0*	*NA*	*58.0*	*30-75*			
Surrogate: Terphenyl-d14	*43.4*			ug/L	*49.5*	*NA*	*87.7*	*65-100*			

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5L0176 - EPA 3545

Method Blank (B5L0176-BLK1) Prepared: 12/12/05 Analyzed: 12/13/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
2-Methylnaphthalene	ND	0.067	0.023	mg/kg	NA	NA	NA	NA	NA	NA	
Acenaphthene	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Acenaphthylene	ND	0.067	0.0070	mg/kg	NA	NA	NA	NA	NA	NA	
Anthracene	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Benz(a)anthracene	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Benzo(a)pyrene	ND	0.067	0.0080	mg/kg	NA	NA	NA	NA	NA	NA	
Benzo(b)fluoranthene	ND	0.067	0.017	mg/kg	NA	NA	NA	NA	NA	NA	
Benzo(g,h,i)perylene	ND	0.067	0.0060	mg/kg	NA	NA	NA	NA	NA	NA	
Benzo(k)fluoranthene	ND	0.067	0.014	mg/kg	NA	NA	NA	NA	NA	NA	
Carbazole	ND	0.067	0.015	mg/kg	NA	NA	NA	NA	NA	NA	
Chrysene	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Dibenz(a,h)anthracene	ND	0.067	0.021	mg/kg	NA	NA	NA	NA	NA	NA	
Dibenzofuran	ND	0.067	0.013	mg/kg	NA	NA	NA	NA	NA	NA	
Fluoranthene	ND	0.067	0.0070	mg/kg	NA	NA	NA	NA	NA	NA	
Fluorene	ND	0.067	0.0040	mg/kg	NA	NA	NA	NA	NA	NA	
Indeno(1,2,3-cd)pyrene	ND	0.067	0.0090	mg/kg	NA	NA	NA	NA	NA	NA	
Naphthalene	0.0207 J	0.067	0.0050	mg/kg	NA	NA	NA	NA	NA	NA	
Phenanthrene	ND	0.067	0.0080	mg/kg	NA	NA	NA	NA	NA	NA	
Pyrene	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Surrogate: 2-Fluorobiphenyl	*0.709*			mg/kg	*0.833*	*NA*	*85.1*	*30-104*			
Surrogate: Nitrobenzene-d5	*0.561*			mg/kg	*0.833*	*NA*	*67.3*	*30-90*			
Surrogate: Terphenyl-d14	*0.706*			mg/kg	*0.833*	*NA*	*84.8*	*30-115*			

Laboratory Control Sample (B5L0176-BS1) Prepared: 12/12/05 Analyzed: 12/13/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Acenaphthene	1.30	0.067	0.010	mg/kg	1.67	NA	77.8	50-115	NA	NA	
Pyrene	1.35	0.067	0.010	mg/kg	1.67	NA	80.8	50-130	NA	NA	
Surrogate: 2-Fluorobiphenyl	*0.655*			mg/kg	*0.833*	*NA*	*78.6*	*30-104*			
Surrogate: Nitrobenzene-d5	*0.581*			mg/kg	*0.833*	*NA*	*69.7*	*30-90*			
Surrogate: Terphenyl-d14	*0.704*			mg/kg	*0.833*	*NA*	*84.5*	*30-115*			

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Service Engineering Group	Client Ref:05500	Work Order #: 0506423
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5L0176 - EPA 3545

Laboratory Control Sample Duplicate (B5L0176-BSD1) Prepared: 12/12/05 Analyzed: 12/13/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Acenaphthene	1.39	0.067	0.010	mg/kg	1.67	NA	83.2	50-115	6.69	25	
Pyrene	1.43	0.067	0.010	mg/kg	1.67	NA	85.6	50-130	5.76	25	
Surrogate: 2-Fluorobiphenyl	*0.696*			mg/kg	*0.833*	*NA*	*83.6*	*30-104*			
Surrogate: Nitrobenzene-d5	*0.600*			mg/kg	*0.833*	*NA*	*72.0*	*30-90*			
Surrogate: Terphenyl-d14	*0.743*			mg/kg	*0.833*	*NA*	*89.2*	*30-115*			

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675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0223 - EPA 5030B

Method Blank (B5L0223-BLK1) Prepared & Analyzed: 12/13/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
1,1,1-Trichloroethane	ND	1.0	0.050	ug/L	NA	NA	NA	NA	NA	NA	
1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/L	NA	NA	NA	NA	NA	NA	
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
1,1,2-Trichlorotrifluoroethane	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
1,1-Dichloroethane	ND	1.0	0.053	ug/L	NA	NA	NA	NA	NA	NA	
1,1-Dichloroethene	ND	1.0	0.085	ug/L	NA	NA	NA	NA	NA	NA	
1,1-Dichloropropene	ND	1.0	0.073	ug/L	NA	NA	NA	NA	NA	NA	
1,2,3-Trichlorobenzene	ND	1.0	0.11	ug/L	NA	NA	NA	NA	NA	NA	
1,2,3-Trichloropropane	ND	1.0	0.30	ug/L	NA	NA	NA	NA	NA	NA	
1,2,4-Trichlorobenzene	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
1,2,4-Trimethylbenzene	ND	1.0	0.071	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dibromo-3-chloropropane	ND	1.0	0.41	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dibromoethane	ND	1.0	0.064	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichloroethane	ND	1.0	0.053	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichloropropane	ND	1.0	0.050	ug/L	NA	NA	NA	NA	NA	NA	
1,3,5-Trimethylbenzene	ND	1.0	0.097	ug/L	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	ND	1.0	0.083	ug/L	NA	NA	NA	NA	NA	NA	
1,3-Dichloropropane	ND	1.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
2,2-Dichloropropane	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
2-Butanone (MEK)	ND	10	1.3	ug/L	NA	NA	NA	NA	NA	NA	
2-Chlorotoluene	ND	1.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
4-Chlorotoluene	ND	1.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
4-Isopropyltoluene	ND	1.0	0.058	ug/L	NA	NA	NA	NA	NA	NA	
Acetone	ND	20	1.5	ug/L	NA	NA	NA	NA	NA	NA	
Allyl Chloride	ND	1.0	0.26	ug/L	NA	NA	NA	NA	NA	NA	
Benzene	ND	1.0	0.045	ug/L	NA	NA	NA	NA	NA	NA	
Bromobenzene	ND	1.0	0.15	ug/L	NA	NA	NA	NA	NA	NA	
Bromochloromethane	ND	1.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Bromodichloromethane	ND	1.0	0.11	ug/L	NA	NA	NA	NA	NA	NA	
Bromoform	ND	5.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
Bromomethane	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
Carbon Tetrachloride	ND	1.0	0.057	ug/L	NA	NA	NA	NA	NA	NA	
Chlorobenzene	ND	1.0	0.042	ug/L	NA	NA	NA	NA	NA	NA	
Chlorodibromomethane	ND	1.0	0.028	ug/L	NA	NA	NA	NA	NA	NA	
Chloroethane	ND	1.0	0.11	ug/L	NA	NA	NA	NA	NA	NA	
Chloroform	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	

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675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0223 - EPA 5030B

Method Blank (B5L0223-BLK1) Prepared & Analyzed: 12/13/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	ND	1.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
cis-1,2-Dichloroethene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
cis-1,3-Dichloropropene	ND	1.0	0.041	ug/L	NA	NA	NA	NA	NA	NA	
Dibromomethane	ND	1.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
Dichlorodifluoromethane	ND	1.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
Dichlorofluoromethane	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
Ethyl Ether	ND	1.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
Ethylbenzene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorobutadiene	ND	2.0	0.24	ug/L	NA	NA	NA	NA	NA	NA	
Isopropylbenzene	ND	1.0	0.064	ug/L	NA	NA	NA	NA	NA	NA	
m,p-Xylenes	ND	1.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
Methyl Isobutyl Ketone	ND	5.0	0.42	ug/L	NA	NA	NA	NA	NA	NA	
Methylene chloride	ND	5.0	0.63	ug/L	NA	NA	NA	NA	NA	NA	
Methyl-t-butyl ether	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
Naphthalene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
n-Butylbenzene	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
n-Propylbenzene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
o-Xylene	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
sec-Butylbenzene	ND	1.0	0.042	ug/L	NA	NA	NA	NA	NA	NA	
Styrene	ND	1.0	0.047	ug/L	NA	NA	NA	NA	NA	NA	
tert-Butylbenzene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
Tetrachloroethene	ND	2.0	0.19	ug/L	NA	NA	NA	NA	NA	NA	
Tetrahydrofuran	ND	5.0	1.2	ug/L	NA	NA	NA	NA	NA	NA	
Toluene	ND	1.0	0.17	ug/L	NA	NA	NA	NA	NA	NA	
trans-1,2-Dichloroethene	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
trans-1,3-Dichloropropene	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
Trichloroethene	ND	1.0	0.073	ug/L	NA	NA	NA	NA	NA	NA	
Trichlorofluoromethane	ND	1.0	0.19	ug/L	NA	NA	NA	NA	NA	NA	
Vinyl chloride	ND	1.0	0.25	ug/L	NA	NA	NA	NA	NA	NA	
Surrogate: 1,2-Dichloroethane-d4	*25.3*			ug/L	*25.0*	*NA*	*101*	*82-128*			
Surrogate: 4-Bromofluorobenzene	*24.9*			ug/L	*25.0*	*NA*	*99.6*	*76-119*			
Surrogate: Dibromofluoromethane	*24.0*			ug/L	*25.0*	*NA*	*96.0*	*79-127*			
Surrogate: Toluene-d8	*24.7*			ug/L	*25.0*	*NA*	*98.8*	*82-116*			

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0223 - EPA 5030B

Laboratory Control Sample (B5L0223-BS1) Prepared & Analyzed: 12/13/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	24.8	1.0	0.14	ug/L	25.0	NA	99.2	80-120	NA	NA	
1,1,1-Trichloroethane	24.4	1.0	0.050	ug/L	25.0	NA	97.6	80-120	NA	NA	
1,1,2,2-Tetrachloroethane	24.6	1.0	0.23	ug/L	25.0	NA	98.4	80-120	NA	NA	
1,1,2-Trichloroethane	23.2	1.0	0.20	ug/L	25.0	NA	92.8	80-120	NA	NA	
1,1,2-Trichlorotrifluoroethane	23.6	1.0	0.12	ug/L	25.0	NA	94.4	80-120	NA	NA	
1,1-Dichloroethane	22.6	1.0	0.053	ug/L	25.0	NA	90.4	80-120	NA	NA	
1,1-Dichloroethene	22.8	1.0	0.085	ug/L	25.0	NA	91.2	80-120	NA	NA	
1,1-Dichloropropene	23.6	1.0	0.073	ug/L	25.0	NA	94.4	80-120	NA	NA	
1,2,3-Trichlorobenzene	22.5	1.0	0.11	ug/L	25.0	NA	90.0	80-120	NA	NA	
1,2,3-Trichloropropane	24.5	1.0	0.30	ug/L	25.0	NA	98.0	80-120	NA	NA	
1,2,4-Trichlorobenzene	22.0	1.0	0.14	ug/L	25.0	NA	88.0	80-120	NA	NA	
1,2,4-Trimethylbenzene	22.7	1.0	0.071	ug/L	25.0	NA	90.8	80-120	NA	NA	
1,2-Dibromo-3-chloropropane	23.3	1.0	0.41	ug/L	25.0	NA	93.2	80-120	NA	NA	
1,2-Dibromoethane	24.5	1.0	0.064	ug/L	25.0	NA	98.0	80-120	NA	NA	
1,2-Dichlorobenzene	22.4	1.0	0.12	ug/L	25.0	NA	89.6	80-120	NA	NA	
1,2-Dichloroethane	23.9	1.0	0.053	ug/L	25.0	NA	95.6	80-120	NA	NA	
1,2-Dichloropropane	23.6	1.0	0.050	ug/L	25.0	NA	94.4	80-120	NA	NA	
1,3,5-Trimethylbenzene	22.6	1.0	0.097	ug/L	25.0	NA	90.4	80-120	NA	NA	
1,3-Dichlorobenzene	22.0	1.0	0.083	ug/L	25.0	NA	88.0	80-120	NA	NA	
1,3-Dichloropropane	23.9	1.0	0.13	ug/L	25.0	NA	95.6	80-120	NA	NA	
1,4-Dichlorobenzene	21.8	1.0	0.12	ug/L	25.0	NA	87.2	80-120	NA	NA	
2,2-Dichloropropane	24.4	1.0	0.10	ug/L	25.0	NA	97.6	80-120	NA	NA	
2-Butanone (MEK)	24.4	10	1.3	ug/L	25.0	NA	97.6	80-120	NA	NA	
2-Chlorotoluene	22.4	1.0	0.20	ug/L	25.0	NA	89.6	80-120	NA	NA	
4-Chlorotoluene	22.5	1.0	0.13	ug/L	25.0	NA	90.0	80-120	NA	NA	
4-Isopropyltoluene	22.5	1.0	0.058	ug/L	25.0	NA	90.0	80-120	NA	NA	
Acetone	28.6	20	1.5	ug/L	25.0	NA	114	80-120	NA	NA	
Allyl Chloride	22.9	1.0	0.26	ug/L	25.0	NA	91.6	80-120	NA	NA	
Benzene	23.5	1.0	0.045	ug/L	25.0	NA	94.0	80-120	NA	NA	
Bromobenzene	22.3	1.0	0.15	ug/L	25.0	NA	89.2	80-120	NA	NA	
Bromochloromethane	23.3	1.0	0.21	ug/L	25.0	NA	93.2	80-120	NA	NA	
Bromodichloromethane	25.4	1.0	0.11	ug/L	25.0	NA	102	80-120	NA	NA	
Bromoform	26.2	5.0	0.13	ug/L	25.0	NA	105	80-120	NA	NA	
Bromomethane	27.0	1.0	0.14	ug/L	25.0	NA	108	80-120	NA	NA	
Carbon Tetrachloride	26.4	1.0	0.057	ug/L	25.0	NA	106	80-120	NA	NA	
Chlorobenzene	23.5	1.0	0.042	ug/L	25.0	NA	94.0	80-120	NA	NA	
Chlorodibromomethane	26.0	1.0	0.028	ug/L	25.0	NA	104	80-120	NA	NA	
Chloroethane	24.2	1.0	0.11	ug/L	25.0	NA	96.8	80-120	NA	NA	
Chloroform	23.2	1.0	0.12	ug/L	25.0	NA	92.8	80-120	NA	NA	

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:05500	Work Order #: 0506423
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0223 - EPA 5030B

Laboratory Control Sample (B5L0223-BS1) Prepared & Analyzed: 12/13/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	23.2	1.0	0.20	ug/L	25.0	NA	92.8	80-120	NA	NA	
cis-1,2-Dichloroethene	22.9	1.0	0.10	ug/L	25.0	NA	91.6	80-120	NA	NA	
cis-1,3-Dichloropropene	25.2	1.0	0.041	ug/L	25.0	NA	101	80-120	NA	NA	
Dibromomethane	24.4	1.0	0.20	ug/L	25.0	NA	97.6	80-120	NA	NA	
Dichlorodifluoromethane	23.4	1.0	0.13	ug/L	25.0	NA	93.6	80-120	NA	NA	
Dichlorofluoromethane	24.2	1.0	0.10	ug/L	25.0	NA	96.8	80-120	NA	NA	
Ethyl Ether	24.2	1.0	0.31	ug/L	25.0	NA	96.8	80-120	NA	NA	
Ethylbenzene	24.7	1.0	0.10	ug/L	25.0	NA	98.8	80-120	NA	NA	
Hexachlorobutadiene	21.1	2.0	0.24	ug/L	25.0	NA	84.4	80-120	NA	NA	
Isopropylbenzene	24.8	1.0	0.064	ug/L	25.0	NA	99.2	80-120	NA	NA	
m,p-Xylenes	48.7	1.0	0.13	ug/L	50.0	NA	97.4	80-120	NA	NA	
Methyl Isobutyl Ketone	23.5	5.0	0.42	ug/L	25.0	NA	94.0	80-120	NA	NA	
Methylene chloride	21.1	5.0	0.63	ug/L	25.0	NA	84.4	80-120	NA	NA	
Methyl-t-butyl ether	24.2	1.0	0.12	ug/L	25.0	NA	96.8	80-120	NA	NA	
Naphthalene	22.5	1.0	0.10	ug/L	25.0	NA	90.0	80-120	NA	NA	
n-Butylbenzene	22.4	1.0	0.12	ug/L	25.0	NA	89.6	80-120	NA	NA	
n-Propylbenzene	22.5	1.0	0.10	ug/L	25.0	NA	90.0	80-120	NA	NA	
o-Xylene	24.5	1.0	0.14	ug/L	25.0	NA	98.0	80-120	NA	NA	
sec-Butylbenzene	22.4	1.0	0.042	ug/L	25.0	NA	89.6	80-120	NA	NA	
Styrene	25.9	1.0	0.047	ug/L	25.0	NA	104	80-120	NA	NA	
tert-Butylbenzene	22.9	1.0	0.10	ug/L	25.0	NA	91.6	80-120	NA	NA	
Tetrachloroethene	22.5	2.0	0.19	ug/L	25.0	NA	90.0	80-120	NA	NA	
Tetrahydrofuran	24.1	5.0	1.2	ug/L	25.0	NA	96.4	80-120	NA	NA	
Toluene	22.6	1.0	0.17	ug/L	25.0	NA	90.4	80-120	NA	NA	
trans-1,2-Dichloroethene	22.5	1.0	0.14	ug/L	25.0	NA	90.0	80-120	NA	NA	
trans-1,3-Dichloropropene	25.7	1.0	0.12	ug/L	25.0	NA	103	80-120	NA	NA	
Trichloroethene	24.1	1.0	0.073	ug/L	25.0	NA	96.4	80-120	NA	NA	
Trichlorofluoromethane	25.6	1.0	0.19	ug/L	25.0	NA	102	80-120	NA	NA	
Vinyl chloride	25.3	1.0	0.25	ug/L	25.0	NA	101	80-120	NA	NA	
Surrogate: 1,2-Dichloroethane-d4	*24.8*			ug/L	*25.0*	*NA*	*99.2*	*82-128*			
Surrogate: 4-Bromofluorobenzene	*26.0*			ug/L	*25.0*	*NA*	*104*	*76-119*			
Surrogate: Dibromofluoromethane	*24.9*			ug/L	*25.0*	*NA*	*99.6*	*79-127*			
Surrogate: Toluene-d8	*24.6*			ug/L	*25.0*	*NA*	*98.4*	*82-116*			

The results in this report apply only to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
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Service Engineering Group	Client Ref:05500	Work Order #: 0506423
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0223 - EPA 5030B

Laboratory Control Sample Duplicate (B5L0223-BSD1) Prepared & Analyzed: 12/13/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	25.6	1.0	0.14	ug/L	25.0	NA	102	80-120	3.17	20	
1,1,1-Trichloroethane	24.7	1.0	0.050	ug/L	25.0	NA	98.8	80-120	1.22	20	
1,1,2,2-Tetrachloroethane	24.5	1.0	0.23	ug/L	25.0	NA	98.0	80-120	0.407	20	
1,1,2-Trichloroethane	22.9	1.0	0.20	ug/L	25.0	NA	91.6	80-120	1.30	20	
1,1,2-Trichlorotrifluoroethane	23.8	1.0	0.12	ug/L	25.0	NA	95.2	80-120	0.844	20	
1,1-Dichloroethane	22.2	1.0	0.053	ug/L	25.0	NA	88.8	80-120	1.79	20	
1,1-Dichloroethene	22.5	1.0	0.085	ug/L	25.0	NA	90.0	80-120	1.32	20	
1,1-Dichloropropene	23.7	1.0	0.073	ug/L	25.0	NA	94.8	80-120	0.423	20	
1,2,3-Trichlorobenzene	20.6	1.0	0.11	ug/L	25.0	NA	82.4	80-120	8.82	20	
1,2,3-Trichloropropane	24.1	1.0	0.30	ug/L	25.0	NA	96.4	80-120	1.65	20	
1,2,4-Trichlorobenzene	21.7	1.0	0.14	ug/L	25.0	NA	86.8	80-120	1.37	20	
1,2,4-Trimethylbenzene	24.5	1.0	0.071	ug/L	25.0	NA	98.0	80-120	7.63	20	
1,2-Dibromo-3-chloropropane	24.0	1.0	0.41	ug/L	25.0	NA	96.0	80-120	2.96	20	
1,2-Dibromoethane	24.6	1.0	0.064	ug/L	25.0	NA	98.4	80-120	0.407	20	
1,2-Dichlorobenzene	23.7	1.0	0.12	ug/L	25.0	NA	94.8	80-120	5.64	20	
1,2-Dichloroethane	23.4	1.0	0.053	ug/L	25.0	NA	93.6	80-120	2.11	20	
1,2-Dichloropropane	23.2	1.0	0.050	ug/L	25.0	NA	92.8	80-120	1.71	20	
1,3,5-Trimethylbenzene	24.2	1.0	0.097	ug/L	25.0	NA	96.8	80-120	6.84	20	
1,3-Dichlorobenzene	23.4	1.0	0.083	ug/L	25.0	NA	93.6	80-120	6.17	20	
1,3-Dichloropropane	23.8	1.0	0.13	ug/L	25.0	NA	95.2	80-120	0.419	20	
1,4-Dichlorobenzene	23.0	1.0	0.12	ug/L	25.0	NA	92.0	80-120	5.36	20	
2,2-Dichloropropane	24.6	1.0	0.10	ug/L	25.0	NA	98.4	80-120	0.816	20	
2-Butanone (MEK)	22.0	10	1.3	ug/L	25.0	NA	88.0	80-120	10.3	20	
2-Chlorotoluene	23.6	1.0	0.20	ug/L	25.0	NA	94.4	80-120	5.22	20	
4-Chlorotoluene	23.8	1.0	0.13	ug/L	25.0	NA	95.2	80-120	5.62	20	
4-Isopropyltoluene	24.1	1.0	0.058	ug/L	25.0	NA	96.4	80-120	6.87	20	
Acetone	28.2	20	1.5	ug/L	25.0	NA	113	80-120	1.41	20	
Allyl Chloride	23.0	1.0	0.26	ug/L	25.0	NA	92.0	80-120	0.436	20	
Benzene	23.5	1.0	0.045	ug/L	25.0	NA	94.0	80-120	0.00	20	
Bromobenzene	23.3	1.0	0.15	ug/L	25.0	NA	93.2	80-120	4.39	20	
Bromochloromethane	23.3	1.0	0.21	ug/L	25.0	NA	93.2	80-120	0.00	20	
Bromodichloromethane	25.3	1.0	0.11	ug/L	25.0	NA	101	80-120	0.394	20	
Bromoform	26.4	5.0	0.13	ug/L	25.0	NA	106	80-120	0.760	20	
Bromomethane	27.9	1.0	0.14	ug/L	25.0	NA	112	80-120	3.28	20	
Carbon Tetrachloride	27.3	1.0	0.057	ug/L	25.0	NA	109	80-120	3.35	20	
Chlorobenzene	24.0	1.0	0.042	ug/L	25.0	NA	96.0	80-120	2.11	20	
Chlorodibromomethane	26.2	1.0	0.028	ug/L	25.0	NA	105	80-120	0.766	20	
Chloroethane	24.1	1.0	0.11	ug/L	25.0	NA	96.4	80-120	0.414	20	
Chloroform	23.2	1.0	0.12	ug/L	25.0	NA	92.8	80-120	0.00	20	

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BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:05500	Work Order #: 0506423
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0223 - EPA 5030B

Laboratory Control Sample Duplicate (B5L0223-BSD1) Prepared & Analyzed: 12/13/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	22.6	1.0	0.20	ug/L	25.0	NA	90.4	80-120	2.62	20	
cis-1,2-Dichloroethene	22.6	1.0	0.10	ug/L	25.0	NA	90.4	80-120	1.32	20	
cis-1,3-Dichloropropene	25.0	1.0	0.041	ug/L	25.0	NA	100	80-120	0.797	20	
Dibromomethane	23.9	1.0	0.20	ug/L	25.0	NA	95.6	80-120	2.07	20	
Dichlorodifluoromethane	23.8	1.0	0.13	ug/L	25.0	NA	95.2	80-120	1.69	20	
Dichlorofluoromethane	24.7	1.0	0.10	ug/L	25.0	NA	98.8	80-120	2.04	20	
Ethyl Ether	24.5	1.0	0.31	ug/L	25.0	NA	98.0	80-120	1.23	20	
Ethylbenzene	25.2	1.0	0.10	ug/L	25.0	NA	101	80-120	2.00	20	
Hexachlorobutadiene	21.8	2.0	0.24	ug/L	25.0	NA	87.2	80-120	3.26	20	
Isopropylbenzene	25.6	1.0	0.064	ug/L	25.0	NA	102	80-120	3.17	20	
m,p-Xylenes	49.6	1.0	0.13	ug/L	50.0	NA	99.2	80-120	1.83	20	
Methyl Isobutyl Ketone	22.5	5.0	0.42	ug/L	25.0	NA	90.0	80-120	4.35	20	
Methylene chloride	20.7	5.0	0.63	ug/L	25.0	NA	82.8	80-120	1.91	20	
Methyl-t-butyl ether	23.7	1.0	0.12	ug/L	25.0	NA	94.8	80-120	2.09	20	
Naphthalene	22.0	1.0	0.10	ug/L	25.0	NA	88.0	80-120	2.25	20	
n-Butylbenzene	23.8	1.0	0.12	ug/L	25.0	NA	95.2	80-120	6.06	20	
n-Propylbenzene	24.4	1.0	0.10	ug/L	25.0	NA	97.6	80-120	8.10	20	
o-Xylene	24.8	1.0	0.14	ug/L	25.0	NA	99.2	80-120	1.22	20	
sec-Butylbenzene	23.9	1.0	0.042	ug/L	25.0	NA	95.6	80-120	6.48	20	
Styrene	26.3	1.0	0.047	ug/L	25.0	NA	105	80-120	1.53	20	
tert-Butylbenzene	24.3	1.0	0.10	ug/L	25.0	NA	97.2	80-120	5.93	20	
Tetrachloroethene	24.1	2.0	0.19	ug/L	25.0	NA	96.4	80-120	6.87	20	
Tetrahydrofuran	22.9	5.0	1.2	ug/L	25.0	NA	91.6	80-120	5.11	20	
Toluene	23.3	1.0	0.17	ug/L	25.0	NA	93.2	80-120	3.05	20	
trans-1,2-Dichloroethene	22.1	1.0	0.14	ug/L	25.0	NA	88.4	80-120	1.79	20	
trans-1,3-Dichloropropene	25.8	1.0	0.12	ug/L	25.0	NA	103	80-120	0.388	20	
Trichloroethene	24.7	1.0	0.073	ug/L	25.0	NA	98.8	80-120	2.46	20	
Trichlorofluoromethane	26.9	1.0	0.19	ug/L	25.0	NA	108	80-120	4.95	20	
Vinyl chloride	26.4	1.0	0.25	ug/L	25.0	NA	106	80-120	4.26	20	
Surrogate: 1,2-Dichloroethane-d4	*24.6*			ug/L	*25.0*	*NA*	*98.4*	*82-128*			
Surrogate: 4-Bromofluorobenzene	*25.8*			ug/L	*25.0*	*NA*	*103*	*76-119*			
Surrogate: Dibromofluoromethane	*24.7*			ug/L	*25.0*	*NA*	*98.8*	*79-127*			
Surrogate: Toluene-d8	*24.8*			ug/L	*25.0*	*NA*	*99.2*	*82-116*			

BRAUN INTERTEC

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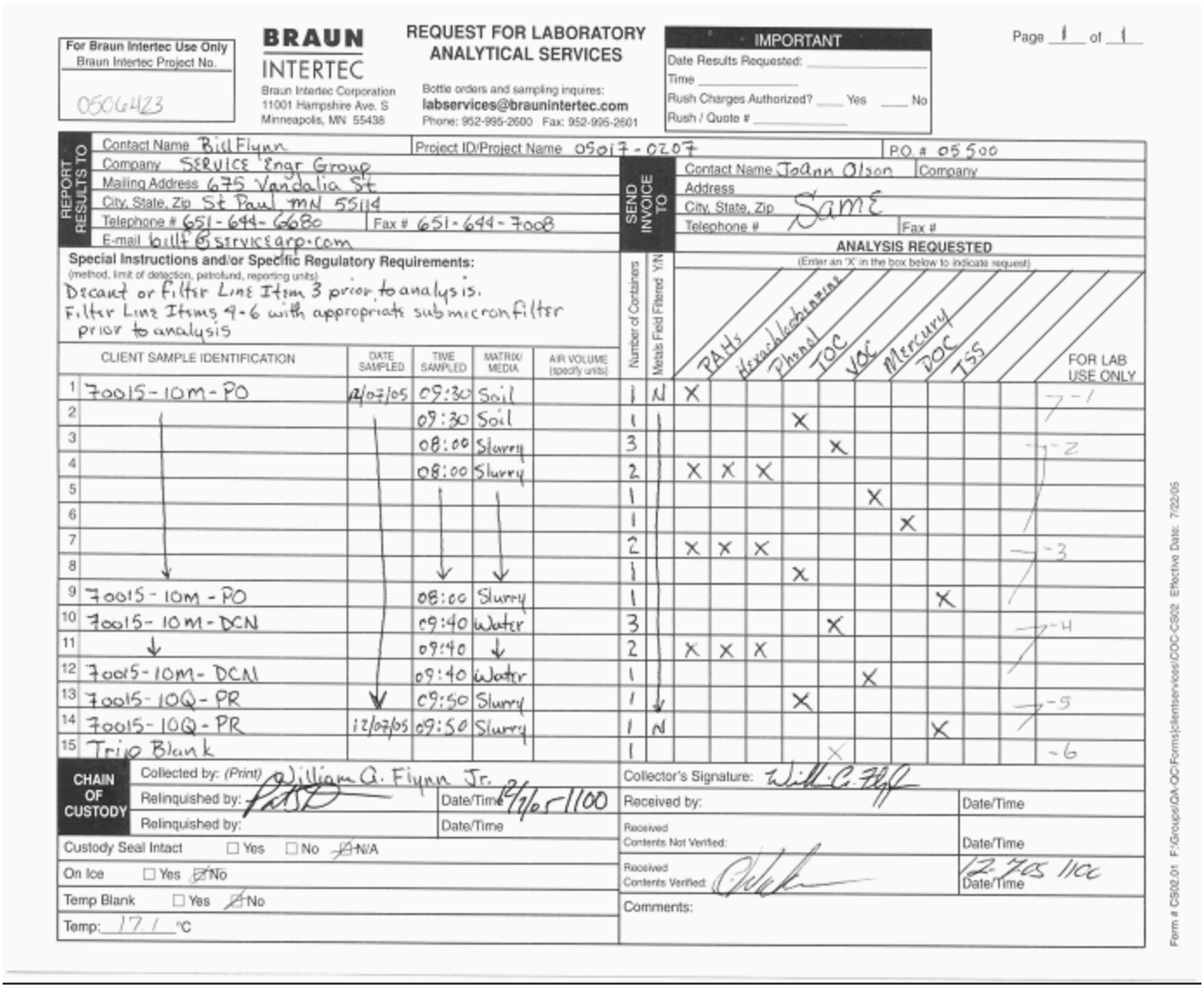
Service Engineering Group	Client Ref:05500	Work Order #: 0506423
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003



BRAUN INTERTEC

REQUEST FOR LABORATORY ANALYTICAL SERVICES

Braun Intertec Corporation, 11001 Hampshire Ave. S, Minneapolis, MN 55438
Bottle orders and sampling inquires: labservices@braunintertec.com
Phone: 952-995-2600 Fax: 952-995-2601

For Braun Intertec Use Only — Braun Intertec Project No.: 0506423

IMPORTANT
Date Results Requested:
Time
Rush Charges Authorized? ___ Yes ___ No
Rush / Quote #

Page 1 of 1

REPORT RESULTS TO
Contact Name: Bill Flynn
Company: Service Engr Group
Mailing Address: 675 Vandalia St
City, State, Zip: St Paul, MN 55114
Telephone #: 651-644-6680 Fax #: 651-644-7008
E-mail: billf@servicegrp.com

Project ID/Project Name: 05017-0207
PO #: 05500

SEND INVOICE TO
Contact Name: Joann Olson Company:
Address:
City, State, Zip: Same
Telephone # Fax #

Special Instructions and/or Specific Regulatory Requirements:
(method, limit of detection, petrofund, reporting units)
Decant or Filter Line Item 3 prior to analysis.
Filter Line Items 9-6 with appropriate submicron filter prior to analysis

ANALYSIS REQUESTED
(Enter an 'X' in the box below to indicate request)

	CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)	Number of Containers	Metals Field Filtered Y/N	PAHs	Hexachlorobenzene	Phenol	TOC	VOC	Mercury	DOC	TSS	FOR LAB USE ONLY
1	70015-10M-PO	12/07/05	09:30	Soil		1	N	X								7-1
2			09:30	Soil		1				X						
3			08:00	Slurry		3					X					7-2
4			08:00	Slurry		2		X	X	X						
5						1						X				
6						1							X			
7						2		X	X	X						7-3
8						1					X					
9	70015-10M-PO		08:00	Slurry		1								X		
10	70015-10M-DCN		09:40	Water		3						X				7-4
11	↓		09:40	↓		2		X	X	X						
12	70015-10M-DCN		09:40	Water		1							X			
13	70015-10Q-PR		09:50	Slurry		1					X					7-5
14	70015-10Q-PR	12/07/05	09:50	Slurry		1	N							X		
15	Trip Blank					1						X				7-6

CHAIN OF CUSTODY
Collected by: (Print) William A. Flynn Jr.
Relinquished by: Date/Time 12/7/05 1100
Relinquished by: Date/Time

Collector's Signature:
Received by: Date/Time
Received Contents Not Verified: Date/Time
Received Contents Verified: 12-7-05 1100 Date/Time

Custody Seal Intact ☐ Yes ☐ No ☑ N/A
On Ice ☐ Yes ☑ No
Temp Blank ☐ Yes ☑ No
Temp: 17.1 °C

Comments:

Form # CS02.01 F:\Groups\QA-QC\Forms\clientservices\COC-CS02 Effective Date: 7/22/05

BRAUN INTERTEC

Braun Intertec Corporation
11001 Hampshire Avenue S
Minneapolis, MN 55438

Phone: 952.995.2000
Fax: 952.995.2020
Web: brauninterteс.com

Mr. Bill Flynn
Service Engineering Group
675 Vandalia Street
St. Paul, MN 55114-1312

January 03, 2006

Work Order #: 0506424

RE: 05500

Dear Mr. Bill Flynn

Braun Intertec Corporation received samples for the project identified above on 12/07/05 11:00. Analytical results are summarized in the following report.

All routine quality assurance procedures were followed, unless otherwise noted.

Where possible, the samples will be retained by the laboratory for 14 days following issuance of the initial final report. The samples will be disposed of or returned at that time.

We appreciate your decision to use Braun Intertec Corporation for this project. We are committed to being your vendor of choice to meet your analytical chemistry needs.

If you have any questions please contact me at the above phone number.

Sincerely,
BRAUN INTERTEC CORPORATION

Steven J. Albrecht
Associate Principal

AIHA Environmental Lead and Industrial Hygiene ACCREDITED LABORATORY
AIHA 101103

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:	05500	Work Order #:	0506424
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

Qualifiers and Abbreviations

sd	See case narrative section for further information.
ir	The recovery study yielded results of <75%. Per the NIOSH Manual of Analytical Methods, the result is considered semi-quantitative.
io	The result was corrected for method blank concentrations.
ia	The back section of the sample tube contained greater than 10 percent of the amount collected on the front section. This indicates possible analyte breakthrough (loss) during field sampling.
A1a	The Laboratory Control Spike Duplicate was outside of laboratory limits. The LCSD recovery was 123%. The results may be biased high.
A1	The Laboratory control sample was within laboratory control limits, the laboratory control sample duplicate was out side laboratory control limits.
COC	Chain of Custody
MRL	Method Reporting Limit
ppm	Parts per million in Air
NA	Not Applicable
NR	Not Reported
%Rec	Percent Recovery
RPD	Relative Percent Difference

BRAUN INTERTEC

11001 Hampshire Ave. S.
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952-995-2020 Fax

Service Engineering Group	Client Ref:	05500	Work Order #:	0506424
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

Case Narrative

The Laboratory Control Sample and Laboratory Control Sample Duplicate recoveries for PCBs are biased slightly high. The PCB calibration check standards (CCVs) are also recovering with similarly high results of 122-136%; the CCV recovery limits are 85-115%. Therefore, samples 0506424-07, -14, and -21 would be expected to yield PCB results with a high bias. Since there were no PCBs present in these samples, the overall results are not affected.

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Service Engineering Group	Client Ref: 05500	Work Order #: 0506424
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

SAMPLE SUMMARY

Sample ID	Laboratory ID	Matrix	Air Volume (L) / Time (Min)	Date Sampled	Date Received
70015-10M-(0-2)	0506424-01	Air Tube	300	12/06/05 11:50	12/07/05 11:00
70015-10M-(0-2)	0506424-02	Air Tube	301.2	12/06/05 11:50	12/07/05 11:00
70015-10M-(0-2)	0506424-03	Air	303.6	12/06/05 11:50	12/07/05 11:00
70015-10M-(0-2)	0506424-04	Air Tube	303.6	12/06/05 11:50	12/07/05 11:00
70015-10M-(0-2)	0506424-05	Air Tube	301.2	12/06/05 11:50	12/07/05 11:00
70015-10M-(0-2)	0506424-06	Air Tube	304.8	12/06/05 11:50	12/07/05 11:00
70015-10M-(0-2)	0506424-07	Air Tube	301.2	12/06/05 11:50	12/07/05 11:00
70015-10M-(2-6)	0506424-08	Air Tube	600	12/06/05 16:00	12/07/05 11:00
70015-10M-(2-6)	0506424-09	Air Tube	602.4	12/06/05 16:00	12/07/05 11:00
70015-10M-(2-6)	0506424-10	Air	607.2	12/06/05 16:00	12/07/05 11:00
70015-10M-(2-6)	0506424-11	Air Tube	607.2	12/06/05 16:00	12/07/05 11:00
70015-10M-(2-6)	0506424-12	Air Tube	602.4	12/06/05 16:00	12/07/05 11:00
70015-10M-(2-6)	0506424-13	Air Tube	609.6	12/06/05 16:00	12/07/05 11:00
70015-10M-(2-6)	0506424-14	Air Tube	602.4	12/06/05 16:00	12/07/05 11:00
70015-10M-(6-22)	0506424-15	Air Tube	2400	12/07/05 07:50	12/07/05 11:00
70015-10M-(6-22)	0506424-16	Air Tube	2410	12/07/05 07:50	12/07/05 11:00
70015-10M-(6-22)	0506424-17	Air	2429	12/07/05 07:50	12/07/05 11:00
70015-10M-(6-22)	0506424-18	Air Tube	2429	12/07/05 07:50	12/07/05 11:00
70015-10M-(6-22)	0506424-19	Air Tube	2410	12/07/05 07:50	12/07/05 11:00
70015-10M-(6-22)	0506424-20	Air Tube	2438	12/07/05 07:50	12/07/05 11:00
70015-10M-(6-22)	0506424-21	Air Tube	2410	12/07/05 07:50	12/07/05 11:00

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Service Engineering Group	Client Ref: 05500	Work Order #: 0506424
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-10M-(0-2)

0506424-01 (Air Tube)

12/6/05 11:50

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
1,2,3-Trichlorobenzene	< 11.7	11.7	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,2,4-Trichlorobenzene	< 11.3	11.3	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,3,5-Trichlorobenzene	**55.2**	11.7	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,4-Dichlorobenzene	< 11.6	11.6	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,1,1-Trichloroethane	< 9.71	9.71	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
2-Ethoxyethyl Acetate	< 12.3	12.3	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Acetone	< 11.0	11.0	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Benzene	**9.76**	4.95	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Chlorobenzene	< 10.2	10.2	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Chloroform	**34.6**	10.2	ug/m³	1	12/13/05	12/16/05	IHVOCS1	ia
Ethanol	< 14.3	14.3	ug/m³	1	12/13/05	12/16/05	IHVOCS1	ir
Ethyl Acetate	< 10.2	10.2	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Ethyl Benzene	< 9.80	9.80	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Isobutanol	< 11.5	11.5	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Isopropanol	< 12.8	12.8	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Methyl Ethyl Ketone	**12.9**	11.2	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Methyl Isobutyl Ketone	< 10.2	10.2	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Methylene Chloride	< 9.80	9.80	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
n-Butyl Acetate	< 10.1	10.1	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
n-Hexane	< 9.71	9.71	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Stoddard Solvent	**148**	49.5	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Styrene	< 13.0	13.0	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Tetrachloroethene	**21.0**	9.90	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Tetrahydrofuran	< 10.2	10.2	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Toluene	**22.6**	10.1	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
TPH as Gasoline	**517**	51.0	ug/m³	1	12/13/05	12/16/05	IHVOCS1	ia
Trichloroethene	< 10.0	10.0	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
VM&P Naphtha	< 48.1	48.1	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Xylenes, Total	**12.6**	10.0	ug/m³	1	12/13/05	12/16/05	IHVOCS1	

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675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

70015-10M-(0-2)

0506424-02 (Air Tube)

12/6/05 11:50

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Acenaphthene	< 3.67	3.67	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Acenaphthylene	< 3.38	3.38	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Anthracene	< 3.66	3.66	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Benz(a)anthracene	< 3.96	3.96	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Benzo(a)pyrene	< 4.19	4.19	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Benzo(b)fluoranthene	< 4.14	4.14	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Benzo(g,h,i)perylene	< 5.12	5.12	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Benzo(k)fluoranthene	< 4.19	4.19	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Chrysene	< 3.98	3.98	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Dibenz(a,h)anthracene	< 4.27	4.27	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Fluoranthene	< 3.79	3.79	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Fluorene	< 3.60	3.60	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Indeno(1,2,3-cd)pyrene	< 4.50	4.50	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Naphthalene	**7.84**	3.68	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Phenanthrene	< 3.68	3.68	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Pyrene	< 3.85	3.85	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	

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70015-10M-(0-2)

0506424-03 (Air)

12/6/05 11:50

Metals

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Mercury	< 0.066	0.066	ug/m³	1	12/15/05	12/15/05	OSHA ID-145	

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St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

70015-10M-(0-2)

0506424-04 (Air Tube)

12/6/05 11:50

Metals

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Mercury Vapor	< 0.033	0.033	ug/m³	1	12/12/05	12/12/05	ID-140	A1, io

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-10M-(0-2)

0506424-05 (Air Tube)

12/6/05 11:50

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Hexachlorobenzene	< 3.65	3.65	ug/m³	1	12/12/05	12/14/05	IHVOCS	A1a

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-10M-(0-2)

0506424-06 (Air Tube)

12/6/05 11:50

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Phenol	< 12.8	12.8	ug/m³	1	12/8/05	12/9/05	NIOSH 2546	

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St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

70015-10M-(0-2)

0506424-07 (Air Tube)

12/6/05 11:50

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
PCB 1016	< 1.39	1.39	ug/m³	1	12/21/05	12/22/05	ASTM 4861	sd
PCB 1221	< 1.39	1.39	ug/m³	1	12/21/05	12/22/05	ASTM 4861	sd
PCB 1232	< 1.39	1.39	ug/m³	1	12/21/05	12/22/05	ASTM 4861	sd
PCB 1242	< 1.39	1.39	ug/m³	1	12/21/05	12/22/05	ASTM 4861	sd
PCB 1248	< 1.39	1.39	ug/m³	1	12/21/05	12/22/05	ASTM 4861	sd
PCB 1254	< 1.29	1.29	ug/m³	1	12/21/05	12/22/05	ASTM 4861	sd
PCB 1260	< 1.29	1.29	ug/m³	1	12/21/05	12/22/05	ASTM 4861	sd
PCB 1268	< 1.29	1.29	ug/m³	1	12/21/05	12/22/05	ASTM 4861	sd

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675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-10M-(2-6)

0506424-08 (Air Tube)

12/6/05 16:00

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
1,2,3-Trichlorobenzene	< 5.87	5.87	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,2,4-Trichlorobenzene	< 5.63	5.63	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,3,5-Trichlorobenzene	< 5.83	5.83	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,4-Dichlorobenzene	< 5.79	5.79	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,1,1-Trichloroethane	< 4.85	4.85	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
2-Ethoxyethyl Acetate	< 6.17	6.17	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Acetone	< 5.49	5.49	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Benzene	**8.72**	2.48	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Chlorobenzene	< 5.10	5.10	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Chloroform	**6.45**	5.10	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Ethanol	< 7.14	7.14	ug/m³	1	12/13/05	12/16/05	IHVOCS1	ir
Ethyl Acetate	< 5.10	5.10	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Ethyl Benzene	< 4.90	4.90	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Isobutanol	< 5.75	5.75	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Isopropanol	**9.50**	6.41	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Methyl Ethyl Ketone	**10.6**	5.62	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Methyl Isobutyl Ketone	< 5.10	5.10	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Methylene Chloride	**11.2**	4.90	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
n-Butyl Acetate	< 5.05	5.05	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
n-Hexane	**9.86**	4.85	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Stoddard Solvent	**149**	24.8	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Styrene	< 6.49	6.49	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Tetrachloroethene	< 4.95	4.95	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Tetrahydrofuran	**6.98**	5.10	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Toluene	**25.2**	5.05	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
TPH as Gasoline	**531**	25.5	ug/m³	1	12/13/05	12/16/05	IHVOCS1	ia
Trichloroethene	< 5.00	5.00	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
VM&P Naphtha	< 24.0	24.0	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Xylenes, Total	**22.3**	5.00	ug/m³	1	12/13/05	12/16/05	IHVOCS1	

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St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

70015-10M-(2-6)

0506424-09 (Air Tube)

12/6/05 16:00

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Acenaphthene	< 1.83	1.83	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Acenaphthylene	< 1.69	1.69	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Anthracene	< 1.83	1.83	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Benz(a)anthracene	< 1.98	1.98	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Benzo(a)pyrene	< 2.09	2.09	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Benzo(b)fluoranthene	< 2.07	2.07	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Benzo(g,h,i)perylene	< 2.56	2.56	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Benzo(k)fluoranthene	< 2.10	2.10	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Chrysene	< 1.99	1.99	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Dibenz(a,h)anthracene	< 2.13	2.13	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Fluoranthene	< 1.89	1.89	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Fluorene	< 1.80	1.80	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Indeno(1,2,3-cd)pyrene	< 2.25	2.25	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Naphthalene	**6.55**	1.84	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Phenanthrene	< 1.84	1.84	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Pyrene	< 1.92	1.92	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	

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70015-10M-(2-6)

0506424-10 (Air)

12/6/05 16:00

Metals

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Mercury	< 0.033	0.033	ug/m³	1	12/15/05	12/15/05	OSHA ID-145	

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St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

70015-10M-(2-6)

0506424-11 (Air Tube)

12/6/05 16:00

Metals

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Mercury Vapor	< 0.016	0.016	ug/m³	1	12/12/05	12/12/05	ID-140	A1, io

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St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

70015-10M-(2-6)

0506424-12 (Air Tube)

12/6/05 16:00

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Hexachlorobenzene	< 1.82	1.82	ug/m³	1	12/12/05	12/14/05	IHVOCS	A1a

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952-995-2020 Fax

Service Engineering Group	Client Ref:	05500	Work Order #:	0506424
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

70015-10M-(2-6)

0506424-13 (Air Tube)

12/6/05 16:00

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Phenol	< 6.41	6.41	ug/m³	1	12/8/05	12/9/05	NIOSH 2546	

The results in this report apply only to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

BRAUN INTERTEC

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Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:	05500	Work Order #:	0506424
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

70015-10M-(2-6)

0506424-14 (Air Tube)

12/6/05 16:00

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
PCB 1016	< 0.693	0.693	ug/m³	1	12/21/05	12/22/05	ASTM 4861	sd
PCB 1221	< 0.693	0.693	ug/m³	1	12/21/05	12/22/05	ASTM 4861	sd
PCB 1232	< 0.693	0.693	ug/m³	1	12/21/05	12/22/05	ASTM 4861	sd
PCB 1242	< 0.693	0.693	ug/m³	1	12/21/05	12/22/05	ASTM 4861	sd
PCB 1248	< 0.693	0.693	ug/m³	1	12/21/05	12/22/05	ASTM 4861	sd
PCB 1254	< 0.645	0.645	ug/m³	1	12/21/05	12/22/05	ASTM 4861	sd
PCB 1260	< 0.645	0.645	ug/m³	1	12/21/05	12/22/05	ASTM 4861	sd
PCB 1268	< 0.645	0.645	ug/m³	1	12/21/05	12/22/05	ASTM 4861	sd

The results in this report apply only to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref: 05500	Work Order #: 0506424
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-10M-(6-22)

0506424-15 (Air Tube)

12/7/05 7:50

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
1,2,3-Trichlorobenzene	< 1.47	1.47	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,2,4-Trichlorobenzene	< 1.41	1.41	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,3,5-Trichlorobenzene	< 1.46	1.46	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,4-Dichlorobenzene	**4.03**	1.45	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,1,1-Trichloroethane	**2.42**	1.21	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
2-Ethoxyethyl Acetate	**1.65**	1.54	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Acetone	**1.80**	1.37	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Benzene	**6.73**	0.619	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Chlorobenzene	**1.86**	1.28	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Chloroform	**12.6**	1.28	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Ethanol	< 1.79	1.79	ug/m³	1	12/13/05	12/16/05	IHVOCS1	ir
Ethyl Acetate	**1.70**	1.28	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Ethyl Benzene	**3.24**	1.23	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Isobutanol	< 1.44	1.44	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Isopropanol	**5.98**	1.60	ug/m³	1	12/13/05	12/16/05	IHVOCS1	ia
Methyl Ethyl Ketone	**8.62**	1.40	ug/m³	1	12/13/05	12/16/05	IHVOCS1	ia
Methyl Isobutyl Ketone	< 1.28	1.28	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Methylene Chloride	**3.83**	1.23	ug/m³	1	12/13/05	12/16/05	IHVOCS1	ia
n-Butyl Acetate	< 1.26	1.26	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
n-Hexane	**7.76**	1.21	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Stoddard Solvent	**117**	6.19	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Styrene	< 1.62	1.62	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Tetrachloroethene	**2.07**	1.24	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Tetrahydrofuran	**5.25**	1.28	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Toluene	**18.6**	1.26	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
TPH as Gasoline	**316**	6.38	ug/m³	1	12/13/05	12/16/05	IHVOCS1	ia
Trichloroethene	**3.88**	1.25	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
VM&P Naphtha	< 6.01	6.01	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Xylenes, Total	**15.7**	1.25	ug/m³	1	12/13/05	12/16/05	IHVOCS1	

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:	05500	Work Order #:	0506424
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

70015-10M-(6-22)

0506424-16 (Air Tube)

12/7/05 7:50

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Acenaphthene	< 0.458	0.458	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Acenaphthylene	< 0.423	0.423	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Anthracene	< 0.457	0.457	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Benz(a)anthracene	< 0.495	0.495	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Benzo(a)pyrene	< 0.523	0.523	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Benzo(b)fluoranthene	< 0.517	0.517	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Benzo(g,h,i)perylene	< 0.639	0.639	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Benzo(k)fluoranthene	< 0.524	0.524	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Chrysene	< 0.497	0.497	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Dibenz(a,h)anthracene	< 0.533	0.533	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Fluoranthene	< 0.473	0.473	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Fluorene	< 0.450	0.450	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Indeno(1,2,3-cd)pyrene	< 0.562	0.562	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Naphthalene	**3.84**	0.460	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	ia
Phenanthrene	< 0.460	0.460	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Pyrene	< 0.481	0.481	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:	05500	Work Order #:	0506424
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

70015-10M-(6-22)

0506424-17 (Air)

12/7/05 7:50

Metals

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Mercury	< 0.0082	0.0082	ug/m³	1	12/15/05	12/15/05	OSHA ID-145	

The results in this report apply only to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:	05500	Work Order #:	0506424
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

70015-10M-(6-22)

0506424-18 (Air Tube)

12/7/05 7:50

Metals

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Mercury Vapor	< 0.0041	0.0041	ug/m³	1	12/12/05	12/12/05	ID-140	A1, io

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11001 Hampshire Ave. S.
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952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref: 05500	Work Order #: 0506424
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-10M-(6-22)

0506424-19 (Air Tube)

12/7/05 7:50

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Hexachlorobenzene	< 0.456	0.456	ug/m³	1	12/12/05	12/14/05	IHVOCS	A1a

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BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:	05500	Work Order #:	0506424
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

70015-10M-(6-22)

0506424-20 (Air Tube)

12/7/05 7:50

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Phenol	< 1.60	1.60	ug/m³	1	12/8/05	12/9/05	NIOSH 2546	

The results in this report apply only to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:	05500	Work Order #:	0506424
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

70015-10M-(6-22)

0506424-21 (Air Tube)

12/7/05 7:50

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
PCB 1016	< 0.173	0.173	ug/m³	1	12/21/05	12/22/05	ASTM 4861	sd
PCB 1221	< 0.173	0.173	ug/m³	1	12/21/05	12/22/05	ASTM 4861	sd
PCB 1232	< 0.173	0.173	ug/m³	1	12/21/05	12/22/05	ASTM 4861	sd
PCB 1242	< 0.173	0.173	ug/m³	1	12/21/05	12/22/05	ASTM 4861	sd
PCB 1248	< 0.173	0.173	ug/m³	1	12/21/05	12/22/05	ASTM 4861	sd
PCB 1254	< 0.161	0.161	ug/m³	1	12/21/05	12/22/05	ASTM 4861	sd
PCB 1260	< 0.161	0.161	ug/m³	1	12/21/05	12/22/05	ASTM 4861	sd
PCB 1268	< 0.161	0.161	ug/m³	1	12/21/05	12/22/05	ASTM 4861	sd

The results in this report apply only to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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11001 Hampshire Ave. S.
Bloomington, MN 55438
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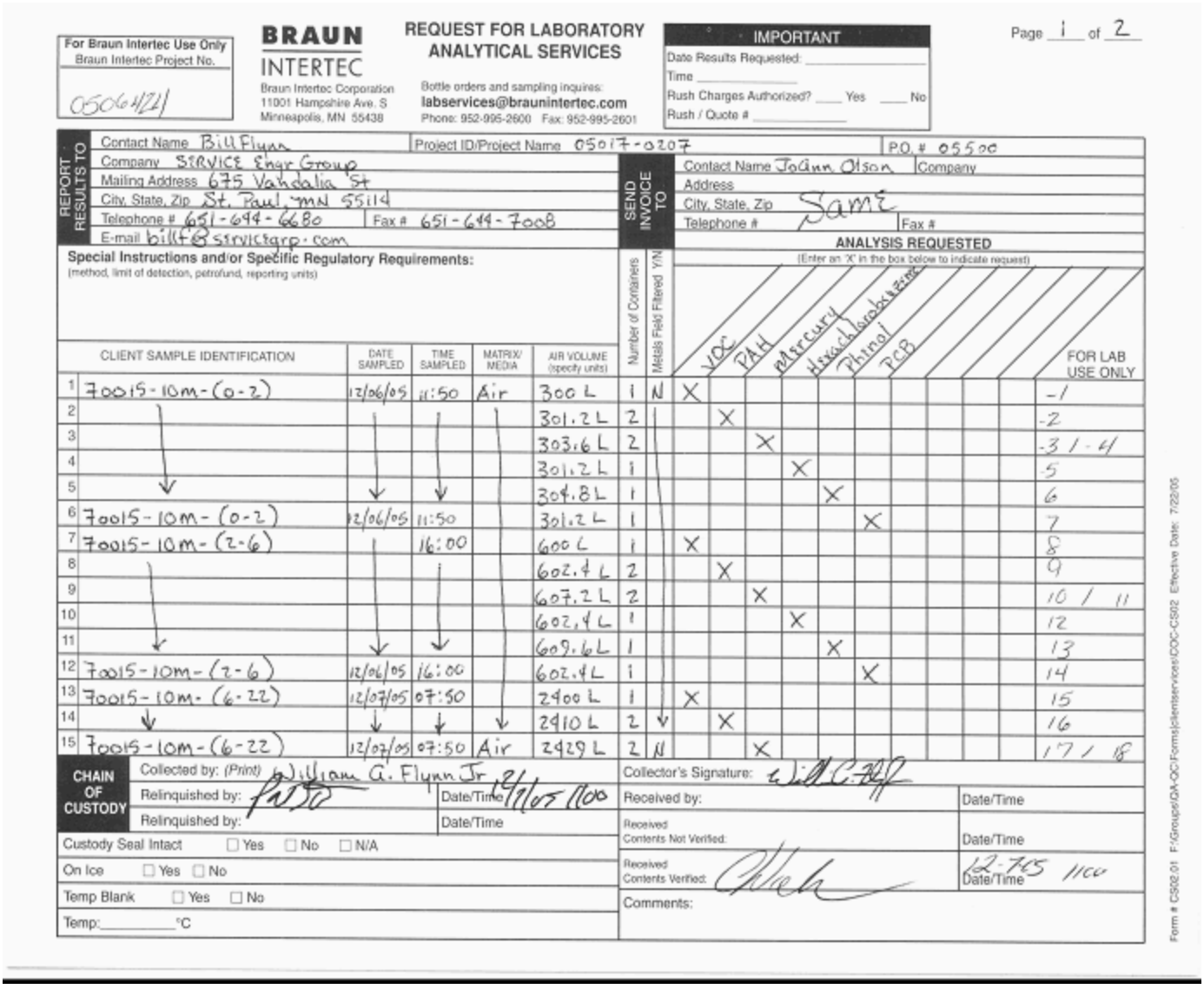
952-995-2020 Fax

Service Engineering Group		Client Ref:	05500	Work Order #:	0506424
675 Vandalia Street		Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312		PO Number:		Account ID:	CVXX-96-003



For Braun Intertec Use Only
Braun Intertec Project No.
050641Z1

BRAUN INTERTEC
Braun Intertec Corporation
11001 Hampshire Ave. S
Minneapolis, MN 55438

REQUEST FOR LABORATORY ANALYTICAL SERVICES

Bottle orders and sampling inquires:
labservices@braunintertec.com
Phone: 952-995-2600 Fax: 952-995-2601

IMPORTANT
Date Results Requested:
Time
Rush Charges Authorized? ___ Yes ___ No
Rush / Quote #

Page 1 of 2

REPORT RESULTS TO
Contact Name Bill Flynn
Company SERVICE Engr Group
Mailing Address 675 Vandalia St
City, State, Zip St. Paul, MN 55114
Telephone # 651-644-6680 Fax # 651-644-7008
E-mail billf@servicegrp.com

Project ID/Project Name 05017-0207
P.O. # 05500

SEND INVOICE TO
Contact Name JoAnn Olson
Company
Address
City, State, Zip Same
Telephone # Fax #

Special Instructions and/or Specific Regulatory Requirements:
(method, limit of detection, petrofund, reporting units)

ANALYSIS REQUESTED
(Enter an 'X' in the box below to indicate request)

	CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)	Number of Containers	Metals Field Filtered Y/N	VOC	PAH	Mercury	Hexachlorobenzene	Phenol	PCB	FOR LAB USE ONLY
1	70015-10m-(0-2)	12/06/05	11:50	Air	300 L	1	N	X						-1
2					301.2 L	2			X					-2
3					303.6 L	2				X				-3 / -4
4					301.2 L	1					X			5
5					304.8 L	1						X		6
6	70015-10m-(0-2)	12/06/05	11:50		301.2 L	1							X	7
7	70015-10m-(2-6)		16:00		600 L	1		X						8
8					602.4 L	2			X					9
9					607.2 L	2				X				10 / 11
10					602.4 L	1					X			12
11					609.6 L	1						X		13
12	70015-10m-(2-6)	12/06/05	16:00		602.4 L	1							X	14
13	70015-10m-(6-22)	12/07/05	07:50		2400 L	1		X						15
14					2910 L	2			X					16
15	70015-10m-(6-22)	12/07/05	07:50	Air	2429 L	2	N			X				17 / 18

CHAIN OF CUSTODY
Collected by: (Print) William A. Flynn Jr
Relinquished by: Date/Time 12/7/05 1100
Relinquished by: Date/Time

Collector's Signature:
Received by: Date/Time
Received Contents Not Verified: Date/Time
Received Contents Verified: Date/Time 12-7-05 1100
Comments:

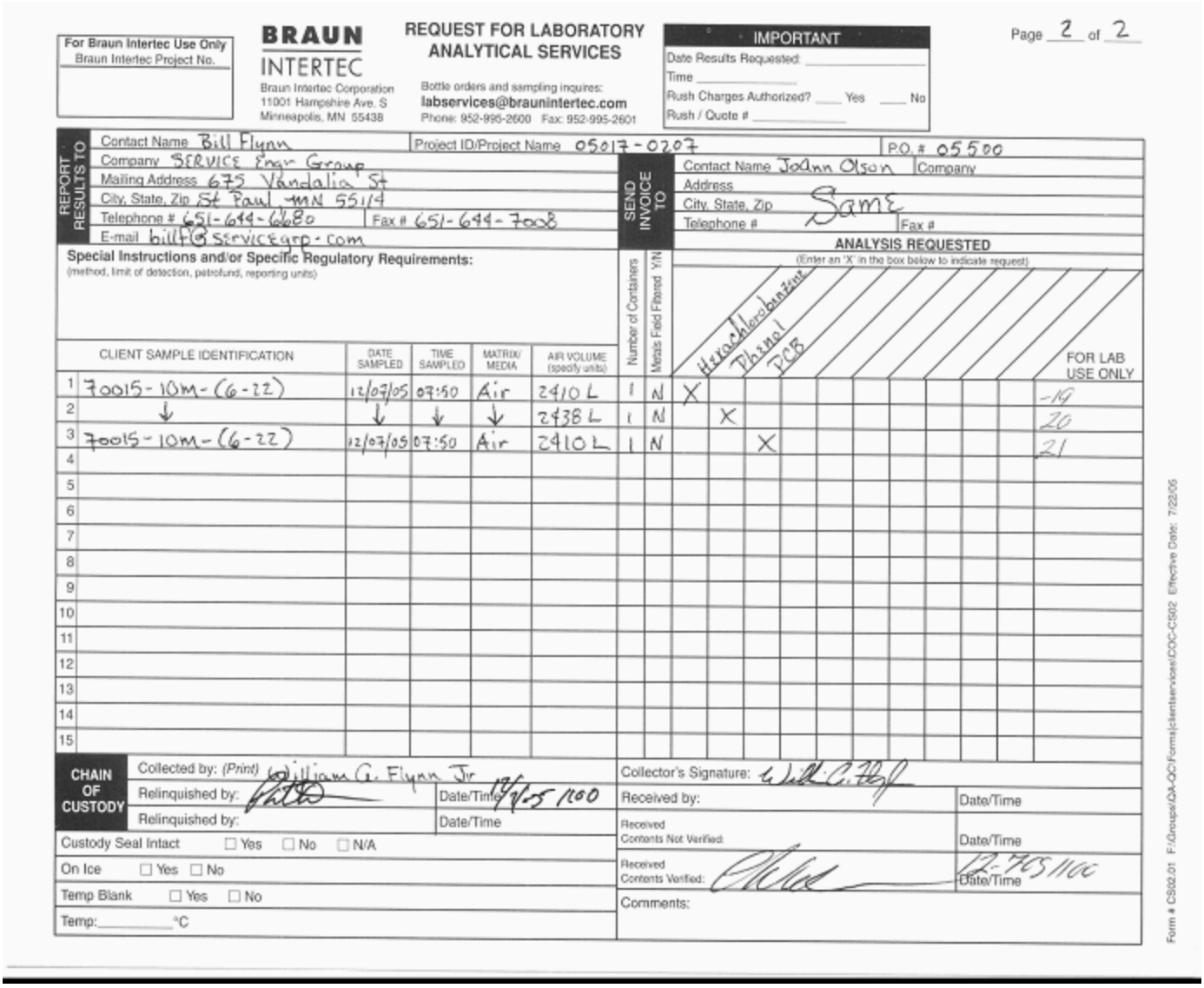
Custody Seal Intact ☐ Yes ☐ No ☐ N/A
On Ice ☐ Yes ☐ No
Temp Blank ☐ Yes ☐ No
Temp:_____°C

Form # CS02.01 F:\Groups\QA-QC\Forms\clientservices\COC-CS02 Effective Date: 7/22/05

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref: 05500	Work Order #: 0506424
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003



BRAUN INTERTEC

Braun Intertec Corporation
11001 Hampshire Ave. S
Minneapolis, MN 55438

Bottle orders and sampling inquires:
labservices@braunintertec.com
Phone: 952-995-2600 Fax: 952-995-2601

For Braun Intertec Use Only
Braun Intertec Project No.

REQUEST FOR LABORATORY ANALYTICAL SERVICES

IMPORTANT
Date Results Requested:
Time
Rush Charges Authorized? ___ Yes ___ No
Rush / Quote #

Page 2 of 2

REPORT RESULTS TO
Contact Name: Bill Flynn
Company: SERVICE Engr Group
Mailing Address: 675 Vandalia St
City, State, Zip: St Paul MN 55114
Telephone #: 651-644-6680 Fax #: 651-644-7008
E-mail: billf@servicegrp.com

Project ID/Project Name: 05017-0207
P.O. # 05500

SEND INVOICE TO
Contact Name: JoAnn Olson Company:
Address:
City, State, Zip: Same
Telephone # Fax #

Special Instructions and/or Specific Regulatory Requirements:
(method, limit of detection, petrofund, reporting units)

ANALYSIS REQUESTED
(Enter an 'X' in the box below to indicate request)

	CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)	Number of Containers	Metals Field Filtered Y/N	Hexachlorobenzene	Phenol	PCB	FOR LAB USE ONLY
1	70015-10M-(6-22)	12/07/05	07:50	Air	2410 L	1	N	X			-19
2	↓	↓	↓	↓	2438 L	1	N		X		20
3	70015-10M-(6-22)	12/07/05	07:50	Air	2410 L	1	N			X	21
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											

CHAIN OF CUSTODY
Collected by: (Print) William C. Flynn Jr
Relinquished by: Date/Time 12/8/05 1100
Relinquished by: Date/Time

Collector's Signature:
Received by: Date/Time
Received Contents Not Verified: Date/Time
Received Contents Verified: Date/Time 12-7-05 1100

Custody Seal Intact ☐ Yes ☐ No ☐ N/A
On Ice ☐ Yes ☐ No
Temp Blank ☐ Yes ☐ No
Temp: _____ °C

Comments:

Form # CS02-01 F:\Groups\QA-QC\Forms\clientservices\COC-CS02 Effective Date: 7/22/05

BRAUN INTERTEC

Braun Intertec Corporation
11001 Hampshire Avenue S
Minneapolis, MN 55438

Phone: 952.995.2000
Fax: 952.995.2020
Web: brauntintertec.com

Mr. Bill Flynn
Service Engineering Group
675 Vandalia Street
St. Paul, MN 55114-1312

December 21, 2005

Work Order #: 0506445

RE: 05500

Dear Mr. Bill Flynn

Braun Intertec Corporation received samples for the project identified above on 12/08/05 11:30. Analytical results are summarized in the following report.

All routine quality assurance procedures were followed, unless otherwise noted.

Analytical results are reported on an "as received" basis unless otherwise noted. Where possible, the samples will be retained by the laboratory for 14 days following issuance of the initial final report. The samples will be disposed of or returned at that time. Arrangements can be made for extended storage by contacting me at this time.

We appreciate your decision to use Braun Intertec Corporation for this project. We are committed to being your vendor of choice to meet your analytical chemistry needs.

If you have any questions please contact me at the above phone number.

Sincerely,

Steven J. Albrecht

Steven J. Albrecht
Associate Principal

Certification/Accreditation Numbers

Minnesota Department of Health: 027-053-117 Wisconsin DNR: 999462640 NVLAP: 1021234-0 AIHA: 101103

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:05500	Work Order #: 0506445
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

How to Use this Report

In order to get the most out of the information presented in this report please refer to the following explanations as to how the data in this report is tied together and how some of the terms are defined.

Qualifiers and Abbreviations are defined in the following section. You will find these codes used throughout the report in headers and in note sections to designate a unique fact about the data to which they are associated.

The Case Narrative gives a "story" about the analysis and results. Here you will find greater elaboration on relevant qualifiers as well as an explanation of anything of particular note in the data. This is a discussion of the data in terms of quality control and chemistry. It is a summary of any deviations that could affect the usefulness of the data. This is not an interpretation as to how this information relates to regulatory compliance, toxicity, or hazardous characterization. These items are beyond the scope of this report.

The Sample Summary provides detail on sample receipt. The association between Client sample ID and the Laboratory sample ID are defined here; this information is valuable to have when discussing results with your project manager. Sample collection and receipt dates and times are provided here as well. General notes regarding the work order are also documented here. This is a mini "case narrative" that describes any anomalies regarding the condition of the samples upon arrival to the laboratory or special circumstances regarding the work order.

The Conditions Upon Receipt summarizes the results of specific checks that have been performed at sample receipt. This includes items like custody documentation, sample condition, and temperature at receipt. Each "cooler" is identified and the conditions associated with that cooler are documented. A "cooler" is defined as the larger container used to transport the individual samples. In most cases this is a standard recreational cooler but it can be a box, plastic bag, or other container.

The laboratory results are summarized in the following sections. Data is broken down into major categories for convenience. An example of such a category would be "Total Petroleum Hydrocarbons." Here you would find data that references the testing of such parameters as diesel range organics and gasoline range organics. Other categories are similarly mapped. The batch number is associated with each sample. This is important to evaluate Quality Control (QC) data. Surrogate results samples are provided with each sample. Laboratory control limits are provided for comparison (see below). The reference method is also identified. If a method is denoted with an "M" (e.g. EPA 1234(M)) this means that it has been modified. An explanation of the modification will be found in the Case Narrative. A result is given with appropriate units. If a soil sample is dry-weight corrected then the word "dry" will appear next to the units. If the word "dry" does not appear then the result is "as received."

The Method Reporting Limit (MRL) and Method Detection Limit (MDL) are provided. It is important to understand these terms. The MRL is a level that has been empirically verified to provide reliable quantitation of results. Results that are equal to or greater than this value will show up as bolded. They are considered "hits." The MDL is a statistically derived number that indicates, with high confidence, that an analyte can be detected above noise level. If a result is less than this value it is marked as "ND" for "Non-Detect." If a result is less than the MRL but greater than the MDL then it is considered an estimate. Such a result is reported with a "J" flag denoting that it has been detected but that the result is an estimate. This is consistent with the *CLP Statement of Work* and the *National Functional Guidelines.*

The Quality Control (QC) samples are documented in the following section. Here you will find the preparation batches associated with each sample from the results section. The sample preparation method is also defined here. Accuracy is represented here in terms of a percent recovery as compared to a known value. Precision is represented as a relative percent difference between two duplicate sample aliquots. The laboratory control limits are provided as a means to evaluate the quality control data. If the result falls outside the laboratory control limits this simply means that it is outside what is typical for the laboratory and is noted accordingly. This does not mean that the data is invalid. Laboratory control limits are generally tighter than most program limits. This is a very important distinction. How the data is ultimately used determines its validity. Program requirements are defined in the Quality Assurance Project Plan (QAPP) governing the project. If your project manager is aware of your specific program requirements then a note will be made in the case narrative if the data fails to meet any of these requirements.

The last section contains copies of important documents and/or instrument printouts relavent to the report. This includes the chain of custody. It also may include items like chromatograms or spectra.

Please note that this report is paginated and must be reproduced in its entirety.

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11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:05500	Work Order #: 0506445
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Qualifiers and Abbreviations

vfa	The method reporting limit (MRL) was raised for one or more analytes; a dilution of the sample was necessary due to high analyte levels and/or matrix interferences.
ts	This analysis was performed by a subcontract laboratory.
J	Detected but below the Method Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
go	The laboratory control sample recovery is outside of laboratory control limits.
COC	Chain of Custody
dry	Sample results reported on a dry weight basis
MDL	Method Detection Limit
MRL	Method Reporting Limit
NA	Not Applicable
ND	Analyte NOT DETECTED
NR	Not Reported
%Rec	Percent Recovery
RPD	Relative Percent Difference
VOC	Volatile Organic Compound

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

SAMPLE SUMMARY

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
70015-10Q-PO	0506445-01	Water	12/08/05 08:00	12/08/05 11:30
70015-1M-PR	0506445-02	Soil	12/08/05 09:00	12/08/05 11:30
70015-10Q-DCN	0506445-03	Water	12/08/05 09:40	12/08/05 11:30
70015-1M-PR	0506445-04	Water	12/08/05 09:52	12/08/05 11:30
Trip Blank	0506445-05	Water	12/08/05 00:00	12/08/05 11:30

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Conditions Upon Receipt

Cooler: Cooler #1

Temperature:	13.2 °C	**Received on Ice:**	No	**Preservation Confirmed:**	Yes
COC Included:	Yes	**Hand Delivered by Sampler:**	Yes	**Temperature Blank:**	No
Custody Seals Used:	No	**Sufficient Sample Provided:**	Yes	**COC Complete:**	Yes
Custody Seals Intact:	No	**Headspace Present (VOC):**	No	**COC & Labels Agree:**	Yes

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-10Q-PO

0506445-01 (Water)

12/8/05 8:00

Classical Chemistry Parameters

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Total Suspended Solids	**8500**	5.0	3.6	mg/L	B5L0163	12/9/05	12/9/05	EPA 160.2	
Dissolved Organic Carbon	**28**	1.5	0.50	mg/L	B5L0235	12/11/05	12/12/05	ASTM D5373	ts
Total Organic Carbon	**36**	8.0	3.0	mg/L	B5L0235	12/11/05	12/12/05	EPA 9060	ts

Metals

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Mercury, Dissolved	ND	0.20	0.011	ug/L	B5L0207	12/13/05	12/14/05	EPA 7470A	

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,2,4-Trichlorobenzene	**10**	6.2	0.41	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
1,2-Dichlorobenzene	**63**	6.2	0.33	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
1,2-Diphenylhydrazine	ND	6.2	0.46	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
1,3-Dichlorobenzene	**20**	6.2	0.37	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
1,4-Dichlorobenzene	**180**	62	3.6	ug/L	B5L0225	12/14/05	12/16/05	EPA 8270C	
2,4,5-Trichlorophenol	ND	6.2	0.19	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
2,4,6-Trichlorophenol	ND	6.2	0.28	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
2,4-Dichlorophenol	3.2 J	12	0.34	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
2,4-Dimethylphenol	3.2 J	6.2	0.49	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
2,4-Dinitrophenol	ND	6.2	1.2	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
2,4-Dinitrotoluene	ND	6.2	0.25	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
2,6-Dinitrotoluene	ND	6.2	0.72	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
2-Chloronaphthalene	ND	6.2	0.36	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
2-Chlorophenol	1.7 J	12	0.78	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
2-Methylnaphthalene	ND	6.2	0.49	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
2-Methylphenol	5.1 J	12	3.1	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
2-Nitroaniline	ND	6.2	0.57	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
2-Nitrophenol	ND	12	0.67	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
3,3-Dichlorobenzidine	ND	6.2	0.67	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
3-/4-Methylphenol	0.52 J	12	0.34	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
3-Nitroaniline	ND	6.2	0.82	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-10Q-PO

0506445-01 (Water)

12/8/05 8:00

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
4,6-Dinitro-2-methylphenol	ND	6.2	0.87	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
4-Bromophenyl phenyl ether	ND	6.2	0.30	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
4-Chloro-3-methylphenol	ND	6.2	0.29	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
4-Chloroaniline	ND	6.2	0.73	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	2.5	0.31	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
4-Nitroaniline	ND	6.2	0.42	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
4-Nitrophenol	ND	6.2	1.0	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Acenaphthene	**21**	2.5	0.32	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Acenaphthylene	2.0 J	2.5	0.23	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Aniline	ND	6.2	1.1	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Anthracene	**2.7**	2.5	0.26	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Benz(a)anthracene	ND	2.5	0.87	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Benzo(a)pyrene	ND	2.5	0.96	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Benzo(b)fluoranthene	ND	2.5	0.52	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Benzo(g,h,i)perylene	ND	2.5	0.83	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Benzo(k)fluoranthene	ND	2.5	0.92	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Benzyl alcohol	0.80 J	12	0.40	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
bis(2-Chloroethoxy)methane	ND	6.2	0.42	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Bis(2-Chloroethyl)ether	ND	6.2	0.51	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Bis(2-chloroisopropyl)ether	ND	6.2	0.40	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Bis(2-Ethylhexyl)phthalate	ND	6.2	1.9	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Butyl benzyl phthalate	ND	6.2	0.38	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Carbazole	**24**	6.2	0.42	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Chrysene	ND	2.5	0.87	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Dibenz(a,h)anthracene	ND	2.5	0.97	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Dibenzofuran	**9.1**	6.2	0.33	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Diethylphthalate	ND	6.2	0.37	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Dimethyl phthalate	ND	6.2	0.26	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Di-n-butyl phthalate	ND	6.2	0.58	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-10Q-PO

0506445-01 (Water)

12/8/05 8:00

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Di-n-octyl phthalate	ND	6.2	0.98	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Fluoranthene	2.3 J	2.5	0.32	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Fluorene	**11**	2.5	0.56	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Hexachlorobenzene	ND	6.2	0.30	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Hexachlorobutadiene	ND	6.2	0.39	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Hexachlorocyclopentadiene	ND	6.2	0.34	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Hexachloroethane	ND	6.2	0.43	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Indeno(1,2,3-cd)pyrene	ND	2.5	0.96	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Isophorone	ND	6.2	0.26	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Naphthalene	**6.3**	6.2	0.39	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Nitrobenzene	ND	6.2	0.33	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
N-Nitrosodimethylamine	ND	6.2	0.32	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
N-Nitrosodi-n-propylamine	ND	6.2	0.39	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
N-Nitrosodiphenylamine	ND	6.2	0.38	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Pentachlorophenol	ND	6.2	0.67	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Phenanthrene	**13**	2.5	0.25	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Phenol	ND	12	2.6	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Pyrene	1.6 J	2.5	0.62	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Pyridine	ND	12	3.0	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Surrogate: 2,4,6-Tribromophenol	*86.5 %*	*Limits: 65-100%*			*B5L0225*	*12/14/05*	*12/15/05*	*EPA 8270C*	
Surrogate: 2-Fluorobiphenyl	*64.7 %*	*Limits: 59-101%*			*B5L0225*	*12/14/05*	*12/15/05*	*EPA 8270C*	
Surrogate: 2-Fluorophenol	*45.7 %*	*Limits: 30-75%*			*B5L0225*	*12/14/05*	*12/15/05*	*EPA 8270C*	
Surrogate: Nitrobenzene-d5	*62.8 %*	*Limits: 57-101%*			*B5L0225*	*12/14/05*	*12/15/05*	*EPA 8270C*	
Surrogate: Phenol-d6	*44.2 %*	*Limits: 30-75%*			*B5L0225*	*12/14/05*	*12/15/05*	*EPA 8270C*	
Surrogate: Terphenyl-d14	*74.4 %*	*Limits: 65-100%*			*B5L0225*	*12/14/05*	*12/15/05*	*EPA 8270C*	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-10Q-PO

0506445-01 (Water)

12/8/05 8:00

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	0.71	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
1,1,2,2-Tetrachloroethane	ND	5.0	1.2	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
1,1,2-Trichloroethane	ND	5.0	1.0	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
1,1,2-Trichlorotrifluoroethane	ND	5.0	0.58	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
1,1-Dichloroethane	ND	5.0	0.26	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
1,1-Dichloroethene	ND	5.0	0.42	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
1,1-Dichloropropene	ND	5.0	0.36	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
1,2,3-Trichlorobenzene	ND	5.0	0.55	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
1,2,3-Trichloropropane	ND	5.0	1.5	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
1,2,4-Trichlorobenzene	**21**	5.0	0.72	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
1,2,4-Trimethylbenzene	ND	5.0	0.36	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
1,2-Dibromo-3-chloropropane	ND	5.0	2.0	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
1,2-Dibromoethane	ND	5.0	0.32	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
1,2-Dichlorobenzene	**150**	5.0	0.60	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
1,2-Dichloroethane	ND	5.0	0.26	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
1,2-Dichloropropane	ND	5.0	0.25	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
1,3,5-Trimethylbenzene	**36**	5.0	0.48	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
1,3-Dichlorobenzene	**42**	5.0	0.42	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
1,3-Dichloropropane	ND	5.0	0.64	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
1,4-Dichlorobenzene	**380**	5.0	0.60	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
2,2-Dichloropropane	ND	5.0	0.52	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
2-Butanone (MEK)	ND	50	6.6	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
2-Chlorotoluene	ND	5.0	0.98	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
4-Chlorotoluene	ND	5.0	0.66	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
4-Isopropyltoluene	ND	5.0	0.29	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
Acetone	ND	100	7.7	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
Allyl Chloride	ND	5.0	1.3	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
Benzene	**70**	5.0	0.22	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa

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70015-10Q-PO

0506445-01 (Water)

12/8/05 8:00

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Bromobenzene	ND	5.0	0.74	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
Bromochloromethane	ND	5.0	1.1	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
Bromodichloromethane	ND	5.0	0.53	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
Bromoform	ND	25	0.64	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
Bromomethane	ND	5.0	0.68	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
Carbon Tetrachloride	ND	5.0	0.28	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
Chlorobenzene	**410**	5.0	0.21	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
Chlorodibromomethane	ND	5.0	0.14	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
Chloroethane	ND	5.0	0.56	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
Chloroform	ND	5.0	0.58	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
Chloromethane	ND	5.0	1.0	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
cis-1,2-Dichloroethene	ND	5.0	0.52	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
cis-1,3-Dichloropropene	ND	5.0	0.20	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
Dibromomethane	ND	5.0	1.0	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
Dichlorodifluoromethane	ND	5.0	0.63	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
Dichlorofluoromethane	ND	5.0	0.52	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
Ethyl Ether	ND	5.0	1.5	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
Ethylbenzene	**14**	5.0	0.52	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
Hexachlorobutadiene	ND	10	1.2	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
Isopropylbenzene	ND	5.0	0.32	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
m,p-Xylenes	**26**	5.0	0.64	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
Methyl Isobutyl Ketone	ND	25	2.1	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
Methylene chloride	ND	25	3.2	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
Methyl-t-butyl ether	ND	5.0	0.60	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
Naphthalene	**1000**	100	10	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
n-Butylbenzene	ND	5.0	0.61	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
n-Propylbenzene	ND	5.0	0.52	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
o-Xylene	**53**	5.0	0.70	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
sec-Butylbenzene	ND	5.0	0.21	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:05500	Work Order #: 0506445
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-10Q-PO

0506445-01 (Water)

12/8/05 8:00

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Styrene	ND	5.0	0.24	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
tert-Butylbenzene	ND	5.0	0.50	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
Tetrachloroethene	ND	10	0.95	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
Tetrahydrofuran	ND	25	5.8	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
Toluene	**72**	5.0	0.86	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
trans-1,2-Dichloroethene	ND	5.0	0.68	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
trans-1,3-Dichloropropene	ND	5.0	0.60	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
Trichloroethene	ND	5.0	0.36	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
Trichlorofluoromethane	ND	5.0	0.95	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
Vinyl chloride	ND	5.0	1.2	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
Surrogate: 1,2-Dichloroethane-d4	*100 %*	*Limits: 82-128%*			*B5L0310*	*12/14/05*	*12/16/05*	*EPA 8260B*	*vfa*
Surrogate: 4-Bromofluorobenzene	*104 %*	*Limits: 76-119%*			*B5L0310*	*12/14/05*	*12/16/05*	*EPA 8260B*	*vfa*
Surrogate: Dibromofluoromethane	*95.2 %*	*Limits: 79-127%*			*B5L0310*	*12/14/05*	*12/16/05*	*EPA 8260B*	*vfa*
Surrogate: Toluene-d8	*96.0 %*	*Limits: 82-116%*			*B5L0310*	*12/14/05*	*12/16/05*	*EPA 8260B*	*vfa*

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Service Engineering Group	Client Ref:05500	Work Order #: 0506445
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-1M-PR

0506445-02 (Soil)

12/8/05 9:00

Classical Chemistry Parameters

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
% Solids	**55**			% Wt	B5L0219	12/13/05	12/13/05	ASTM D2216	

Metals

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Mercury	**38**	3.0	0.13	mg/kg dry	B5L0188	12/12/05	12/13/05	EPA 7471A	

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,2,4-Trichlorobenzene	**7.1**	0.24	0.036	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
1,2-Dichlorobenzene	**15**	2.4	0.18	mg/kg dry	B5L0176	12/12/05	12/15/05	EPA 8270C	
1,2-Diphenylhydrazine	ND	0.24	0.022	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
1,3-Dichlorobenzene	**4.8**	0.24	0.029	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
1,4-Dichlorobenzene	**55**	2.4	0.36	mg/kg dry	B5L0176	12/12/05	12/15/05	EPA 8270C	
2,4,5-Trichlorophenol	ND	0.24	0.068	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
2,4,6-Trichlorophenol	ND	0.24	0.061	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
2,4-Dichlorophenol	ND	0.24	0.068	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
2,4-Dimethylphenol	ND	0.61	0.21	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
2,4-Dinitrophenol	ND	0.61	0.065	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
2,4-Dinitrotoluene	0.23 J	0.24	0.025	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
2,6-Dinitrotoluene	ND	0.24	0.022	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
2-Chloronaphthalene	ND	0.24	0.025	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
2-Chlorophenol	ND	0.24	0.065	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
2-Methylnaphthalene	**27**	2.4	0.83	mg/kg dry	B5L0176	12/12/05	12/15/05	EPA 8270C	
2-Methylphenol	ND	0.61	0.061	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
2-Nitroaniline	ND	0.24	0.065	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
2-Nitrophenol	ND	0.24	0.068	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
3,3-Dichlorobenzidine	ND	1.2	0.061	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
3-/4-Methylphenol	ND	0.61	0.075	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
3-Nitroaniline	ND	0.61	0.065	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
4,6-Dinitro-2-methylphenol	ND	0.61	0.036	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
4-Bromophenyl phenyl ether	ND	0.24	0.036	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506445
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-1M-PR

0506445-02 (Soil)

12/8/05 9:00

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
4-Chloro-3-methylphenol	ND	0.24	0.079	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
4-Chloroaniline	ND	0.61	0.065	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	0.24	0.040	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
4-Nitroaniline	ND	0.24	0.054	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
4-Nitrophenol	ND	0.24	0.075	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
Acenaphthene	**17**	2.4	0.36	mg/kg dry	B5L0176	12/12/05	12/15/05	EPA 8270C	
Acenaphthylene	**1.9**	0.24	0.025	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
Aniline	ND	0.61	0.15	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
Anthracene	**7.8**	0.24	0.036	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
Benz(a)anthracene	**3.3**	0.24	0.036	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
Benzo(a)pyrene	**1.9**	0.24	0.029	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
Benzo(b)fluoranthene	**2.1**	0.24	0.061	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
Benzo(g,h,i)perylene	**0.33**	0.24	0.022	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
Benzo(k)fluoranthene	**2.0**	0.24	0.050	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
Benzyl alcohol	ND	0.24	0.097	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
bis(2-Chloroethoxy)methane	ND	0.24	0.040	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
Bis(2-Chloroethyl)ether	ND	0.24	0.043	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
Bis(2-chloroisopropyl)ether	ND	0.24	0.050	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
Bis(2-Ethylhexyl)phthalate	ND	1.2	0.032	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
Butyl benzyl phthalate	ND	0.24	0.029	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
Carbazole	**2.7**	0.24	0.054	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
Chrysene	**3.7**	0.24	0.036	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
Dibenz(a,h)anthracene	ND	0.24	0.075	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
Dibenzofuran	**9.2**	2.4	0.47	mg/kg dry	B5L0176	12/12/05	12/15/05	EPA 8270C	
Diethylphthalate	ND	0.24	0.040	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
Dimethyl phthalate	ND	0.24	0.040	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
Di-n-butyl phthalate	ND	1.2	0.050	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
Di-n-octyl phthalate	ND	0.24	0.036	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
Fluoranthene	**18**	2.4	0.25	mg/kg dry	B5L0176	12/12/05	12/15/05	EPA 8270C	
Fluorene	**89**	2.4	0.14	mg/kg dry	B5L0176	12/12/05	12/15/05	EPA 8270C	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506445
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-1M-PR

0506445-02 (Soil)

12/8/05 9:00

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Hexachlorobenzene	ND	0.24	0.032	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
Hexachlorobutadiene	ND	0.24	0.022	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
Hexachlorocyclopentadiene	ND	0.24	0.032	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
Hexachloroethane	ND	0.24	0.032	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
Indeno(1,2,3-cd)pyrene	**0.35**	0.24	0.032	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
Isophorone	ND	0.24	0.036	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
Naphthalene	**130**	24	1.8	mg/kg dry	B5L0176	12/12/05	12/16/05	EPA 8270C	
Nitrobenzene	ND	0.24	0.043	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
N-Nitrosodimethylamine	ND	0.24	0.075	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
N-Nitrosodi-n-propylamine	ND	0.24	0.043	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
N-Nitrosodiphenylamine	ND	0.24	0.025	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
Pentachlorophenol	ND	0.61	0.068	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	go
Phenanthrene	**41**	2.4	0.29	mg/kg dry	B5L0176	12/12/05	12/15/05	EPA 8270C	
Phenol	ND	0.24	0.065	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
Pyrene	**9.3**	0.24	0.036	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
Pyridine	ND	0.24	0.14	mg/kg dry	B5L0176	12/12/05	12/13/05	EPA 8270C	
Surrogate: 2,4,6-Tribromophenol	*62.9 %*	*Limits: 30-150%*			*B5L0176*	*12/12/05*	*12/13/05*	*EPA 8270C*	
Surrogate: 2-Fluorobiphenyl	*54.8 %*	*Limits: 30-104%*			*B5L0176*	*12/12/05*	*12/13/05*	*EPA 8270C*	
Surrogate: 2-Fluorophenol	*32.7 %*	*Limits: 30-106%*			*B5L0176*	*12/12/05*	*12/13/05*	*EPA 8270C*	
Surrogate: Nitrobenzene-d5	*35.1 %*	*Limits: 30-90%*			*B5L0176*	*12/12/05*	*12/13/05*	*EPA 8270C*	
Surrogate: Phenol-d6	*34.4 %*	*Limits: 30-102%*			*B5L0176*	*12/12/05*	*12/13/05*	*EPA 8270C*	
Surrogate: Terphenyl-d14	*44.1 %*	*Limits: 30-115%*			*B5L0176*	*12/12/05*	*12/13/05*	*EPA 8270C*	

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,1,2-Tetrachloroethane	ND	0.18	0.026	mg/kg dry	B5L0300	12/14/05	12/15/05	EPA 8260B	vfa
1,1,1-Trichloroethane	ND	0.18	0.011	mg/kg dry	B5L0300	12/14/05	12/15/05	EPA 8260B	vfa
1,1,2,2-Tetrachloroethane	ND	0.18	0.043	mg/kg dry	B5L0300	12/14/05	12/15/05	EPA 8260B	vfa

BRAUN INTERTEC

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-1M-PR

0506445-02 (Soil)

12/8/05 9:00

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,2-Trichloroethane	ND	0.18	0.036	mg/kg dry	B5L0300	12/14/05	12/15/05	EPA 8260B	vfa
1,1,2-Trichlorotrifluoroethane	ND	0.18	0.021	mg/kg dry	B5L0300	12/14/05	12/15/05	EPA 8260B	vfa
1,1-Dichloroethane	ND	0.18	0.0098	mg/kg dry	B5L0300	12/14/05	12/15/05	EPA 8260B	vfa
1,1-Dichloroethene	ND	0.18	0.016	mg/kg dry	B5L0300	12/14/05	12/15/05	EPA 8260B	vfa
1,1-Dichloropropene	ND	0.18	0.013	mg/kg dry	B5L0300	12/14/05	12/15/05	EPA 8260B	vfa
1,2,3-Trichlorobenzene	ND	0.18	0.020	mg/kg dry	B5L0300	12/14/05	12/15/05	EPA 8260B	vfa
1,2,3-Trichloropropane	ND	0.18	0.054	mg/kg dry	B5L0300	12/14/05	12/15/05	EPA 8260B	vfa
1,2,4-Trichlorobenzene	**2.6**	0.18	0.026	mg/kg dry	B5L0300	12/14/05	12/15/05	EPA 8260B	vfa
1,2,4-Trimethylbenzene	**3.1**	0.18	0.013	mg/kg dry	B5L0300	12/14/05	12/15/05	EPA 8260B	vfa
1,2-Dibromo-3-chloropropane	ND	0.18	0.072	mg/kg dry	B5L0300	12/14/05	12/15/05	EPA 8260B	vfa
1,2-Dibromoethane	ND	0.18	0.012	mg/kg dry	B5L0300	12/14/05	12/15/05	EPA 8260B	vfa
1,2-Dichlorobenzene	**7.0**	0.18	0.021	mg/kg dry	B5L0300	12/14/05	12/15/05	EPA 8260B	vfa
1,2-Dichloroethane	ND	0.18	0.0098	mg/kg dry	B5L0300	12/14/05	12/15/05	EPA 8260B	vfa
1,2-Dichloropropane	ND	0.18	0.0090	mg/kg dry	B5L0300	12/14/05	12/15/05	EPA 8260B	vfa
1,3,5-Trimethylbenzene	**2.1**	0.18	0.018	mg/kg dry	B5L0300	12/14/05	12/15/05	EPA 8260B	vfa
1,3-Dichlorobenzene	**2.2**	0.18	0.015	mg/kg dry	B5L0300	12/14/05	12/15/05	EPA 8260B	vfa
1,3-Dichloropropane	ND	0.18	0.023	mg/kg dry	B5L0300	12/14/05	12/15/05	EPA 8260B	vfa
1,4-Dichlorobenzene	**20**	4.5	0.54	mg/kg dry	B5L0300	12/14/05	12/15/05	EPA 8260B	vfa
2,2-Dichloropropane	ND	0.18	0.019	mg/kg dry	B5L0300	12/14/05	12/15/05	EPA 8260B	vfa
2-Butanone (MEK)	ND	1.8	0.24	mg/kg dry	B5L0300	12/14/05	12/15/05	EPA 8260B	vfa
2-Chlorotoluene	ND	0.18	0.035	mg/kg dry	B5L0300	12/14/05	12/15/05	EPA 8260B	vfa
4-Chlorotoluene	ND	0.18	0.024	mg/kg dry	B5L0300	12/14/05	12/15/05	EPA 8260B	vfa
4-Isopropyltoluene	**0.57**	0.18	0.010	mg/kg dry	B5L0300	12/14/05	12/15/05	EPA 8260B	vfa
Acetone	ND	3.6	0.28	mg/kg dry	B5L0300	12/14/05	12/15/05	EPA 8260B	vfa
Allyl Chloride	ND	0.18	0.047	mg/kg dry	B5L0300	12/14/05	12/15/05	EPA 8260B	vfa
Benzene	**1.1**	0.18	0.0080	mg/kg dry	B5L0300	12/14/05	12/15/05	EPA 8260B	vfa
Bromobenzene	ND	0.18	0.027	mg/kg dry	B5L0300	12/14/05	12/15/05	EPA 8260B	vfa
Bromochloromethane	ND	0.18	0.040	mg/kg dry	B5L0300	12/14/05	12/15/05	EPA 8260B	vfa
Bromodichloromethane	ND	0.18	0.019	mg/kg dry	B5L0300	12/14/05	12/15/05	EPA 8260B	vfa

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BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:05500	Work Order #: 0506445
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-1M-PR

0506445-02 (Soil)

12/8/05 9:00

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Bromoform	ND	0.90	0.023	mg/kg dry	B5L0300	12/14/05	12/15/05	EPA 8260B	vfa
Bromomethane	ND	0.18	0.025	mg/kg dry	B5L0300	12/14/05	12/15/05	EPA 8260B	vfa
Carbon Tetrachloride	ND	0.18	0.010	mg/kg dry	B5L0300	12/14/05	12/15/05	EPA 8260B	vfa
Chlorobenzene	**10**	0.18	0.0076	mg/kg dry	B5L0300	12/14/05	12/15/05	EPA 8260B	vfa
Chlorodibromomethane	ND	0.18	0.0054	mg/kg dry	B5L0300	12/14/05	12/15/05	EPA 8260B	vfa
Chloroethane	ND	0.18	0.020	mg/kg dry	B5L0300	12/14/05	12/15/05	EPA 8260B	vfa
Chloroform	ND	0.18	0.021	mg/kg dry	B5L0300	12/14/05	12/15/05	EPA 8260B	vfa
Chloromethane	ND	0.18	0.036	mg/kg dry	B5L0300	12/14/05	12/15/05	EPA 8260B	vfa
cis-1,2-Dichloroethene	ND	0.18	0.019	mg/kg dry	B5L0300	12/14/05	12/15/05	EPA 8260B	vfa
cis-1,3-Dichloropropene	ND	0.18	0.0072	mg/kg dry	B5L0300	12/14/05	12/15/05	EPA 8260B	vfa
Dibromomethane	ND	0.18	0.036	mg/kg dry	B5L0300	12/14/05	12/15/05	EPA 8260B	vfa
Dichlorodifluoromethane	ND	0.18	0.023	mg/kg dry	B5L0300	12/14/05	12/15/05	EPA 8260B	vfa
Dichlorofluoromethane	ND	0.18	0.019	mg/kg dry	B5L0300	12/14/05	12/15/05	EPA 8260B	vfa
Ethyl Ether	ND	0.18	0.054	mg/kg dry	B5L0300	12/14/05	12/15/05	EPA 8260B	vfa
Ethylbenzene	**0.92**	0.18	0.019	mg/kg dry	B5L0300	12/14/05	12/15/05	EPA 8260B	vfa
Hexachlorobutadiene	ND	0.36	0.043	mg/kg dry	B5L0300	12/14/05	12/15/05	EPA 8260B	vfa
Isopropylbenzene	**1.2**	0.18	0.012	mg/kg dry	B5L0300	12/14/05	12/15/05	EPA 8260B	vfa
m,p-Xylenes	**4.8**	0.18	0.023	mg/kg dry	B5L0300	12/14/05	12/15/05	EPA 8260B	vfa
Methyl Isobutyl Ketone	ND	0.90	0.076	mg/kg dry	B5L0300	12/14/05	12/15/05	EPA 8260B	vfa
Methylene chloride	ND	0.90	0.12	mg/kg dry	B5L0300	12/14/05	12/15/05	EPA 8260B	vfa
Methyl-t-butyl ether	ND	0.18	0.022	mg/kg dry	B5L0300	12/14/05	12/15/05	EPA 8260B	vfa
Naphthalene	**60**	4.5	0.45	mg/kg dry	B5L0300	12/14/05	12/15/05	EPA 8260B	vfa
n-Butylbenzene	ND	0.18	0.022	mg/kg dry	B5L0300	12/14/05	12/15/05	EPA 8260B	vfa
n-Propylbenzene	ND	0.18	0.019	mg/kg dry	B5L0300	12/14/05	12/15/05	EPA 8260B	vfa
o-Xylene	**1.5**	0.18	0.025	mg/kg dry	B5L0300	12/14/05	12/15/05	EPA 8260B	vfa
sec-Butylbenzene	**4.8**	0.18	0.0076	mg/kg dry	B5L0300	12/14/05	12/15/05	EPA 8260B	vfa
Styrene	ND	0.18	0.0083	mg/kg dry	B5L0300	12/14/05	12/15/05	EPA 8260B	vfa
tert-Butylbenzene	**0.28**	0.18	0.018	mg/kg dry	B5L0300	12/14/05	12/15/05	EPA 8260B	vfa
Tetrachloroethene	ND	0.36	0.034	mg/kg dry	B5L0300	12/14/05	12/15/05	EPA 8260B	vfa

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Service Engineering Group	Client Ref:05500	Work Order #: 0506445
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-1M-PR

0506445-02 (Soil)

12/8/05 9:00

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Tetrahydrofuran	ND	0.90	0.21	mg/kg dry	B5L0300	12/14/05	12/15/05	EPA 8260B	vfa
Toluene	**2.0**	0.18	0.031	mg/kg dry	B5L0300	12/14/05	12/15/05	EPA 8260B	vfa
trans-1,2-Dichloroethene	ND	0.18	0.025	mg/kg dry	B5L0300	12/14/05	12/15/05	EPA 8260B	vfa
trans-1,3-Dichloropropene	ND	0.18	0.021	mg/kg dry	B5L0300	12/14/05	12/15/05	EPA 8260B	vfa
Trichloroethene	ND	0.18	0.013	mg/kg dry	B5L0300	12/14/05	12/15/05	EPA 8260B	vfa
Trichlorofluoromethane	ND	0.18	0.034	mg/kg dry	B5L0300	12/14/05	12/15/05	EPA 8260B	vfa
Vinyl chloride	ND	0.18	0.043	mg/kg dry	B5L0300	12/14/05	12/15/05	EPA 8260B	vfa
Surrogate: 1,2-Dichloroethane-d4	*99.2 %*	*Limits: 81-127%*			*B5L0300*	*12/14/05*	*12/15/05*	*EPA 8260B*	*vfa*
Surrogate: 4-Bromofluorobenzene	*108 %*	*Limits: 74-117%*			*B5L0300*	*12/14/05*	*12/15/05*	*EPA 8260B*	*vfa*
Surrogate: Dibromofluoromethane	*91.2 %*	*Limits: 79-127%*			*B5L0300*	*12/14/05*	*12/15/05*	*EPA 8260B*	*vfa*
Surrogate: Toluene-d8	*94.0 %*	*Limits: 82-115%*			*B5L0300*	*12/14/05*	*12/15/05*	*EPA 8260B*	*vfa*

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-10Q-DCN

0506445-03 (Water)

12/8/05 9:40

Metals

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Mercury	ND	0.20	0.011	ug/L	B5L0207	12/13/05	12/14/05	EPA 7470A	

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,2,4-Trichlorobenzene	ND	5.2	0.34	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
1,2-Dichlorobenzene	ND	5.2	0.28	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
1,2-Diphenylhydrazine	ND	5.2	0.39	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
1,3-Dichlorobenzene	ND	5.2	0.31	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
1,4-Dichlorobenzene	ND	5.2	0.30	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
2,4,5-Trichlorophenol	ND	5.2	0.16	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
2,4,6-Trichlorophenol	ND	5.2	0.24	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
2,4-Dichlorophenol	ND	10	0.29	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
2,4-Dimethylphenol	ND	5.2	0.41	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
2,4-Dinitrophenol	ND	5.2	1.0	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
2,4-Dinitrotoluene	ND	5.2	0.21	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
2,6-Dinitrotoluene	ND	5.2	0.61	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
2-Chloronaphthalene	ND	5.2	0.31	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
2-Chlorophenol	ND	10	0.65	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
2-Methylnaphthalene	ND	5.2	0.41	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
2-Methylphenol	ND	10	2.6	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
2-Nitroaniline	ND	5.2	0.48	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
2-Nitrophenol	ND	10	0.56	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
3,3-Dichlorobenzidine	ND	5.2	0.56	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
3-/4-Methylphenol	ND	10	0.28	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
3-Nitroaniline	ND	5.2	0.69	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
4,6-Dinitro-2-methylphenol	ND	5.2	0.73	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
4-Bromophenyl phenyl ether	ND	5.2	0.25	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
4-Chloro-3-methylphenol	ND	5.2	0.24	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
4-Chloroaniline	ND	5.2	0.61	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	

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11001 Hampshire Ave. S.
Bloomington, MN 55438
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Service Engineering Group	Client Ref:05500	Work Order #: 0506445
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-10Q-DCN

0506445-03 (Water)

12/8/05 9:40

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
4-Chlorophenyl phenyl ether	ND	2.1	0.26	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
4-Nitroaniline	ND	5.2	0.35	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
4-Nitrophenol	ND	5.2	0.85	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Acenaphthene	ND	2.1	0.27	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Acenaphthylene	ND	2.1	0.19	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Aniline	ND	5.2	0.91	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Anthracene	ND	2.1	0.22	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Benz(a)anthracene	ND	2.1	0.73	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Benzo(a)pyrene	ND	2.1	0.80	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Benzo(b)fluoranthene	ND	2.1	0.44	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Benzo(g,h,i)perylene	ND	2.1	0.70	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Benzo(k)fluoranthene	ND	2.1	0.78	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Benzyl alcohol	ND	10	0.33	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
bis(2-Chloroethoxy)methane	ND	5.2	0.35	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Bis(2-Chloroethyl)ether	ND	5.2	0.43	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Bis(2-chloroisopropyl)ether	ND	5.2	0.33	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Bis(2-Ethylhexyl)phthalate	ND	5.2	1.6	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Butyl benzyl phthalate	ND	5.2	0.32	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Carbazole	ND	5.2	0.35	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Chrysene	ND	2.1	0.73	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Dibenz(a,h)anthracene	ND	2.1	0.81	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Dibenzofuran	ND	5.2	0.28	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Diethylphthalate	ND	5.2	0.31	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Dimethyl phthalate	ND	5.2	0.22	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Di-n-butyl phthalate	ND	5.2	0.49	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Di-n-octyl phthalate	ND	5.2	0.82	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Fluoranthene	ND	2.1	0.27	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Fluorene	ND	2.1	0.47	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506445
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-10Q-DCN

0506445-03 (Water)

12/8/05 9:40

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Hexachlorobenzene	ND	5.2	0.25	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Hexachlorobutadiene	ND	5.2	0.32	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Hexachlorocyclopentadiene	ND	5.2	0.29	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Hexachloroethane	ND	5.2	0.36	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Indeno(1,2,3-cd)pyrene	ND	2.1	0.81	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Isophorone	ND	5.2	0.21	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Naphthalene	0.65 J	5.2	0.33	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Nitrobenzene	ND	5.2	0.28	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
N-Nitrosodimethylamine	ND	5.2	0.27	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
N-Nitrosodi-n-propylamine	ND	5.2	0.32	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
N-Nitrosodiphenylamine	ND	5.2	0.32	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Pentachlorophenol	ND	5.2	0.56	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Phenanthrene	ND	2.1	0.21	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Phenol	ND	10	2.2	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Pyrene	ND	2.1	0.52	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Pyridine	ND	10	2.5	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Surrogate: 2,4,6-Tribromophenol	*79.9 %*	*Limits: 65-100%*			*B5L0225*	*12/14/05*	*12/15/05*	*EPA 8270C*	
Surrogate: 2-Fluorobiphenyl	*72.2 %*	*Limits: 59-101%*			*B5L0225*	*12/14/05*	*12/15/05*	*EPA 8270C*	
Surrogate: 2-Fluorophenol	*42.1 %*	*Limits: 30-75%*			*B5L0225*	*12/14/05*	*12/15/05*	*EPA 8270C*	
Surrogate: Nitrobenzene-d5	*68.3 %*	*Limits: 57-101%*			*B5L0225*	*12/14/05*	*12/15/05*	*EPA 8270C*	
Surrogate: Phenol-d6	*39.8 %*	*Limits: 30-75%*			*B5L0225*	*12/14/05*	*12/15/05*	*EPA 8270C*	
Surrogate: Terphenyl-d14	*79.9 %*	*Limits: 65-100%*			*B5L0225*	*12/14/05*	*12/15/05*	*EPA 8270C*	

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,1,1-Trichloroethane	ND	1.0	0.050	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-10Q-DCN

0506445-03 (Water)

12/8/05 9:40

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,1,2-Trichlorotrifluoroethane	ND	1.0	0.12	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,1-Dichloroethane	ND	1.0	0.053	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,1-Dichloroethene	ND	1.0	0.085	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,1-Dichloropropene	ND	1.0	0.073	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,2,3-Trichlorobenzene	ND	1.0	0.11	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,2,3-Trichloropropane	ND	1.0	0.30	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,2,4-Trichlorobenzene	ND	1.0	0.14	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,2,4-Trimethylbenzene	ND	1.0	0.071	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,2-Dibromo-3-chloropropane	ND	1.0	0.41	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,2-Dibromoethane	ND	1.0	0.064	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,2-Dichlorobenzene	ND	1.0	0.12	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,2-Dichloroethane	ND	1.0	0.053	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,2-Dichloropropane	ND	1.0	0.050	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,3,5-Trimethylbenzene	ND	1.0	0.097	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,3-Dichlorobenzene	ND	1.0	0.083	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,3-Dichloropropane	ND	1.0	0.13	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,4-Dichlorobenzene	ND	1.0	0.12	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
2,2-Dichloropropane	ND	1.0	0.10	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
2-Butanone (MEK)	ND	10	1.3	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
2-Chlorotoluene	ND	1.0	0.20	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
4-Chlorotoluene	ND	1.0	0.13	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
4-Isopropyltoluene	ND	1.0	0.058	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Acetone	ND	20	1.5	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Allyl Chloride	ND	1.0	0.26	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Benzene	ND	1.0	0.045	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Bromobenzene	ND	1.0	0.15	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	

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BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:05500	Work Order #: 0506445
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-10Q-DCN

0506445-03 (Water)

12/8/05 9:40

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Bromochloromethane	ND	1.0	0.21	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Bromodichloromethane	**4.6**	1.0	0.11	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Bromoform	ND	5.0	0.13	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Bromomethane	ND	1.0	0.14	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Carbon Tetrachloride	ND	1.0	0.057	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Chlorobenzene	ND	1.0	0.042	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Chlorodibromomethane	ND	1.0	0.028	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Chloroethane	ND	1.0	0.11	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Chloroform	**14**	1.0	0.12	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Chloromethane	**1.1**	1.0	0.20	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.0	0.10	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.0	0.041	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Dibromomethane	ND	1.0	0.20	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Dichlorodifluoromethane	ND	1.0	0.13	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Dichlorofluoromethane	ND	1.0	0.10	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Ethyl Ether	ND	1.0	0.31	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Ethylbenzene	ND	1.0	0.10	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Hexachlorobutadiene	ND	2.0	0.24	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Isopropylbenzene	ND	1.0	0.064	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
m,p-Xylenes	ND	1.0	0.13	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Methyl Isobutyl Ketone	ND	5.0	0.42	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Methylene chloride	ND	5.0	0.63	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Methyl-t-butyl ether	ND	1.0	0.12	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Naphthalene	ND	1.0	0.10	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
n-Butylbenzene	ND	1.0	0.12	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
n-Propylbenzene	ND	1.0	0.10	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
o-Xylene	ND	1.0	0.14	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
sec-Butylbenzene	ND	1.0	0.042	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Styrene	ND	1.0	0.047	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	

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11001 Hampshire Ave. S.
Bloomington, MN 55438
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Service Engineering Group	Client Ref:05500	Work Order #: 0506445
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-10Q-DCN

0506445-03 (Water)

12/8/05 9:40

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
tert-Butylbenzene	ND	1.0	0.10	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Tetrachloroethene	ND	2.0	0.19	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Tetrahydrofuran	ND	5.0	1.2	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Toluene	ND	1.0	0.17	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
trans-1,2-Dichloroethene	ND	1.0	0.14	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.0	0.12	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Trichloroethene	ND	1.0	0.073	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Trichlorofluoromethane	ND	1.0	0.19	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Vinyl chloride	ND	1.0	0.25	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4	*100 %*	*Limits: 82-128%*			*B5L0310*	*12/14/05*	*12/15/05*	*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene	*102 %*	*Limits: 76-119%*			*B5L0310*	*12/14/05*	*12/15/05*	*EPA 8260B*	
Surrogate: Dibromofluoromethane	*95.6 %*	*Limits: 79-127%*			*B5L0310*	*12/14/05*	*12/15/05*	*EPA 8260B*	
Surrogate: Toluene-d8	*97.6 %*	*Limits: 82-116%*			*B5L0310*	*12/14/05*	*12/15/05*	*EPA 8260B*	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506445
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-1M-PR

0506445-04 (Water)

12/8/05 9:52

Classical Chemistry Parameters

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Total Suspended Solids	**6800**	5.0	3.6	mg/L	B5L0163	12/9/05	12/9/05	EPA 160.2	
Total Organic Carbon	**10**	8.0	3.0	mg/L	B5L0235	12/11/05	12/12/05	EPA 9060	ts

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11001 Hampshire Ave. S.
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952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:05500	Work Order #: 0506445
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Trip Blank

0506445-05 (Water)

12/8/05 0:00

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,1,1-Trichloroethane	ND	1.0	0.050	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,1,2-Trichlorotrifluoroethane	ND	1.0	0.12	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,1-Dichloroethane	ND	1.0	0.053	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,1-Dichloroethene	ND	1.0	0.085	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,1-Dichloropropene	ND	1.0	0.073	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,2,3-Trichlorobenzene	ND	1.0	0.11	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,2,3-Trichloropropane	ND	1.0	0.30	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,2,4-Trichlorobenzene	ND	1.0	0.14	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,2,4-Trimethylbenzene	ND	1.0	0.071	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,2-Dibromo-3-chloropropane	ND	1.0	0.41	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,2-Dibromoethane	ND	1.0	0.064	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,2-Dichlorobenzene	ND	1.0	0.12	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,2-Dichloroethane	ND	1.0	0.053	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,2-Dichloropropane	ND	1.0	0.050	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,3,5-Trimethylbenzene	ND	1.0	0.097	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,3-Dichlorobenzene	ND	1.0	0.083	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,3-Dichloropropane	ND	1.0	0.13	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,4-Dichlorobenzene	ND	1.0	0.12	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
2,2-Dichloropropane	ND	1.0	0.10	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
2-Butanone (MEK)	ND	10	1.3	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
2-Chlorotoluene	ND	1.0	0.20	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
4-Chlorotoluene	ND	1.0	0.13	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
4-Isopropyltoluene	ND	1.0	0.058	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Acetone	ND	20	1.5	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Allyl Chloride	ND	1.0	0.26	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
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Service Engineering Group	Client Ref:05500	Work Order #: 0506445
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Trip Blank

0506445-05 (Water)

12/8/05 0:00

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	0.045	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Bromobenzene	ND	1.0	0.15	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Bromochloromethane	ND	1.0	0.21	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Bromodichloromethane	ND	1.0	0.11	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Bromoform	ND	5.0	0.13	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Bromomethane	ND	1.0	0.14	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Carbon Tetrachloride	ND	1.0	0.057	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Chlorobenzene	ND	1.0	0.042	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Chlorodibromomethane	ND	1.0	0.028	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Chloroethane	ND	1.0	0.11	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Chloroform	ND	1.0	0.12	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Chloromethane	ND	1.0	0.20	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.0	0.10	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.0	0.041	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Dibromomethane	ND	1.0	0.20	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Dichlorodifluoromethane	ND	1.0	0.13	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Dichlorofluoromethane	ND	1.0	0.10	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Ethyl Ether	ND	1.0	0.31	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Ethylbenzene	ND	1.0	0.10	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Hexachlorobutadiene	ND	2.0	0.24	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Isopropylbenzene	ND	1.0	0.064	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
m,p-Xylenes	ND	1.0	0.13	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Methyl Isobutyl Ketone	ND	5.0	0.42	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Methylene chloride	ND	5.0	0.63	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Methyl-t-butyl ether	ND	1.0	0.12	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Naphthalene	ND	1.0	0.10	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
n-Butylbenzene	ND	1.0	0.12	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
n-Propylbenzene	ND	1.0	0.10	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	

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11001 Hampshire Ave. S.
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Service Engineering Group	Client Ref:05500	Work Order #: 0506445
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Trip Blank

0506445-05 (Water)

12/8/05 0:00

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
o-Xylene	ND	1.0	0.14	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
sec-Butylbenzene	ND	1.0	0.042	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Styrene	ND	1.0	0.047	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
tert-Butylbenzene	ND	1.0	0.10	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Tetrachloroethene	ND	2.0	0.19	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Tetrahydrofuran	ND	5.0	1.2	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Toluene	ND	1.0	0.17	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
trans-1,2-Dichloroethene	ND	1.0	0.14	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.0	0.12	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Trichloroethene	ND	1.0	0.073	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Trichlorofluoromethane	ND	1.0	0.19	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Vinyl chloride	ND	1.0	0.25	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4	*101 %*	*Limits: 82-128%*			*B5L0310*	*12/14/05*	*12/15/05*	*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene	*101 %*	*Limits: 76-119%*			*B5L0310*	*12/14/05*	*12/15/05*	*EPA 8260B*	
Surrogate: Dibromofluoromethane	*94.4 %*	*Limits: 79-127%*			*B5L0310*	*12/14/05*	*12/15/05*	*EPA 8260B*	
Surrogate: Toluene-d8	*97.2 %*	*Limits: 82-116%*			*B5L0310*	*12/14/05*	*12/15/05*	*EPA 8260B*	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506445
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Classical Chemistry Parameters - Quality Control

Batch B5L0163 - Default Prep GenChem

Method Blank (B5L0163-BLK1) Prepared & Analyzed: 12/09/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Suspended Solids	ND	5.0	3.6	mg/L	NA	NA	NA	NA	NA	NA	

Laboratory Control Sample (B5L0163-BS1) Prepared & Analyzed: 12/09/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Suspended Solids	289			mg/L	250	NA	116	80-120	NA	NA	

Batch B5L0219 - % Solids

Method Blank (B5L0219-BLK1) Prepared & Analyzed: 12/13/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
% Solids	ND			% Wt	NA	NA	NA	NA	NA	NA	

Standard Reference Material (B5L0219-SRM1) Prepared & Analyzed: 12/13/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
% Solids	90.3			% Wt	88.8	NA	102	90-110	NA	NA	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Metals - Quality Control

Batch B5L0188 - EPA 7471A

Method Blank (B5L0188-BLK1) Prepared: 12/12/05 Analyzed: 12/13/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	ND	0.020	0.00090	mg/kg	NA	NA	NA	NA	NA	NA	

Laboratory Control Sample (B5L0188-BS1) Prepared: 12/12/05 Analyzed: 12/13/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.257	0.020	0.00090	mg/kg	0.250	NA	103	85-115	NA	NA	

Laboratory Control Sample Duplicate (B5L0188-BSD1) Prepared: 12/12/05 Analyzed: 12/13/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.260	0.020	0.00090	mg/kg	0.250	NA	104	85-115	1.16	20	

Standard Reference Material (B5L0188-SRM1) Prepared: 12/12/05 Analyzed: 12/13/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.71	0.19	0.0088	mg/kg	5.82	NA	98.1	68-132	NA	NA	

Batch B5L0207 - EPA 7470A

Method Blank (B5L0207-BLK1) Prepared: 12/13/05 Analyzed: 12/14/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury, Dissolved	ND	0.20	0.011	ug/L	NA	NA	NA	NA	NA	NA	
Mercury	ND	0.20	0.011	ug/L	NA	NA	NA	NA	NA	NA	

Method Blank (B5L0207-BLK2) Prepared: 12/13/05 Analyzed: 12/14/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury, Dissolved	ND	0.20	0.011	ug/L	NA	NA	NA	NA	NA	NA	
Mercury	ND	0.20	0.011	ug/L	NA	NA	NA	NA	NA	NA	

Laboratory Control Sample (B5L0207-BS1) Prepared: 12/13/05 Analyzed: 12/14/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury, Dissolved	2.65	0.20	0.011	ug/L	2.50	NA	106	85-115	NA	NA	
Mercury	2.65	0.20	0.011	ug/L	2.50	NA	106	85-115	NA	NA	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Metals - Quality Control

Batch B5L0207 - EPA 7470A

Laboratory Control Sample Duplicate (B5L0207-BSD1) Prepared: 12/13/05 Analyzed: 12/14/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury, Dissolved	2.63	0.20	0.011	ug/L	2.50	NA	105	85-115	0.758	20	
Mercury	2.63	0.20	0.011	ug/L	2.50	NA	105	85-115	0.758	20	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5L0176 - EPA 3545

Method Blank (B5L0176-BLK1) Prepared: 12/12/05 Analyzed: 12/13/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	ND	0.067	0.0050	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Diphenylhydrazine	ND	0.067	0.0060	mg/kg	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	ND	0.067	0.0080	mg/kg	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
2,4,5-Trichlorophenol	ND	0.067	0.019	mg/kg	NA	NA	NA	NA	NA	NA	
2,4,6-Trichlorophenol	ND	0.067	0.017	mg/kg	NA	NA	NA	NA	NA	NA	
2,4-Dichlorophenol	ND	0.067	0.019	mg/kg	NA	NA	NA	NA	NA	NA	
2,4-Dimethylphenol	ND	0.17	0.059	mg/kg	NA	NA	NA	NA	NA	NA	
2,4-Dinitrophenol	ND	0.17	0.018	mg/kg	NA	NA	NA	NA	NA	NA	
2,4-Dinitrotoluene	ND	0.067	0.0070	mg/kg	NA	NA	NA	NA	NA	NA	
2,6-Dinitrotoluene	ND	0.067	0.0060	mg/kg	NA	NA	NA	NA	NA	NA	
2-Chloronaphthalene	ND	0.067	0.0070	mg/kg	NA	NA	NA	NA	NA	NA	
2-Chlorophenol	ND	0.067	0.018	mg/kg	NA	NA	NA	NA	NA	NA	
2-Methylnaphthalene	ND	0.067	0.023	mg/kg	NA	NA	NA	NA	NA	NA	
2-Methylphenol	ND	0.17	0.017	mg/kg	NA	NA	NA	NA	NA	NA	
2-Nitroaniline	ND	0.067	0.018	mg/kg	NA	NA	NA	NA	NA	NA	
2-Nitrophenol	ND	0.067	0.019	mg/kg	NA	NA	NA	NA	NA	NA	
3,3-Dichlorobenzidine	ND	0.33	0.017	mg/kg	NA	NA	NA	NA	NA	NA	
3-/4-Methylphenol	ND	0.17	0.021	mg/kg	NA	NA	NA	NA	NA	NA	
3-Nitroaniline	ND	0.17	0.018	mg/kg	NA	NA	NA	NA	NA	NA	
4,6-Dinitro-2-methylphenol	ND	0.17	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
4-Bromophenyl phenyl ether	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
4-Chloro-3-methylphenol	ND	0.067	0.022	mg/kg	NA	NA	NA	NA	NA	NA	
4-Chloroaniline	ND	0.17	0.018	mg/kg	NA	NA	NA	NA	NA	NA	
4-Chlorophenyl phenyl ether	ND	0.067	0.011	mg/kg	NA	NA	NA	NA	NA	NA	
4-Nitroaniline	ND	0.067	0.015	mg/kg	NA	NA	NA	NA	NA	NA	
4-Nitrophenol	ND	0.067	0.021	mg/kg	NA	NA	NA	NA	NA	NA	
Acenaphthene	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Acenaphthylene	ND	0.067	0.0070	mg/kg	NA	NA	NA	NA	NA	NA	
Aniline	ND	0.17	0.042	mg/kg	NA	NA	NA	NA	NA	NA	
Anthracene	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Benz(a)anthracene	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Benzo(a)pyrene	ND	0.067	0.0080	mg/kg	NA	NA	NA	NA	NA	NA	
Benzo(b)fluoranthene	ND	0.067	0.017	mg/kg	NA	NA	NA	NA	NA	NA	
Benzo(g,h,i)perylene	ND	0.067	0.0060	mg/kg	NA	NA	NA	NA	NA	NA	
Benzo(k)fluoranthene	ND	0.067	0.014	mg/kg	NA	NA	NA	NA	NA	NA	
Benzyl alcohol	ND	0.067	0.027	mg/kg	NA	NA	NA	NA	NA	NA	
bis(2-Chloroethoxy)methane	ND	0.067	0.011	mg/kg	NA	NA	NA	NA	NA	NA	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506445
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5L0176 - EPA 3545

Method Blank (B5L0176-BLK1) Prepared: 12/12/05 Analyzed: 12/13/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Bis(2-Chloroethyl)ether	ND	0.067	0.012	mg/kg	NA	NA	NA	NA	NA	NA	
Bis(2-chloroisopropyl)ether	ND	0.067	0.014	mg/kg	NA	NA	NA	NA	NA	NA	
Bis(2-Ethylhexyl)phthalate	ND	0.33	0.0090	mg/kg	NA	NA	NA	NA	NA	NA	
Butyl benzyl phthalate	ND	0.067	0.0080	mg/kg	NA	NA	NA	NA	NA	NA	
Carbazole	ND	0.067	0.015	mg/kg	NA	NA	NA	NA	NA	NA	
Chrysene	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Dibenz(a,h)anthracene	ND	0.067	0.021	mg/kg	NA	NA	NA	NA	NA	NA	
Dibenzofuran	ND	0.067	0.013	mg/kg	NA	NA	NA	NA	NA	NA	
Diethylphthalate	ND	0.067	0.011	mg/kg	NA	NA	NA	NA	NA	NA	
Dimethyl phthalate	ND	0.067	0.011	mg/kg	NA	NA	NA	NA	NA	NA	
Di-n-butyl phthalate	ND	0.33	0.014	mg/kg	NA	NA	NA	NA	NA	NA	
Di-n-octyl phthalate	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Fluoranthene	ND	0.067	0.0070	mg/kg	NA	NA	NA	NA	NA	NA	
Fluorene	ND	0.067	0.0040	mg/kg	NA	NA	NA	NA	NA	NA	
Hexachlorobenzene	ND	0.067	0.0090	mg/kg	NA	NA	NA	NA	NA	NA	
Hexachlorobutadiene	ND	0.067	0.0060	mg/kg	NA	NA	NA	NA	NA	NA	
Hexachlorocyclopentadiene	ND	0.067	0.0090	mg/kg	NA	NA	NA	NA	NA	NA	
Hexachloroethane	ND	0.067	0.0090	mg/kg	NA	NA	NA	NA	NA	NA	
Indeno(1,2,3-cd)pyrene	ND	0.067	0.0090	mg/kg	NA	NA	NA	NA	NA	NA	
Isophorone	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Naphthalene	0.0207 J	0.067	0.0050	mg/kg	NA	NA	NA	NA	NA	NA	
Nitrobenzene	ND	0.067	0.012	mg/kg	NA	NA	NA	NA	NA	NA	
N-Nitrosodimethylamine	ND	0.067	0.021	mg/kg	NA	NA	NA	NA	NA	NA	
N-Nitrosodi-n-propylamine	ND	0.067	0.012	mg/kg	NA	NA	NA	NA	NA	NA	
N-Nitrosodiphenylamine	ND	0.067	0.0070	mg/kg	NA	NA	NA	NA	NA	NA	
Pentachlorophenol	ND	0.17	0.019	mg/kg	NA	NA	NA	NA	NA	NA	
Phenanthrene	ND	0.067	0.0080	mg/kg	NA	NA	NA	NA	NA	NA	
Phenol	ND	0.067	0.018	mg/kg	NA	NA	NA	NA	NA	NA	
Pyrene	ND	0.067	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Pyridine	ND	0.067	0.039	mg/kg	NA	NA	NA	NA	NA	NA	
Surrogate: 2,4,6-Tribromophenol	*0.873*			mg/kg	*1.67*	*NA*	*52.3*	*30-150*			
Surrogate: 2-Fluorobiphenyl	*0.709*			mg/kg	*0.833*	*NA*	*85.1*	*30-104*			
Surrogate: 2-Fluorophenol	*1.12*			mg/kg	*1.67*	*NA*	*67.1*	*30-106*			
Surrogate: Nitrobenzene-d5	*0.561*			mg/kg	*0.833*	*NA*	*67.3*	*30-90*			
Surrogate: Phenol-d6	*1.01*			mg/kg	*1.67*	*NA*	*60.5*	*30-102*			
Surrogate: Terphenyl-d14	*0.706*			mg/kg	*0.833*	*NA*	*84.8*	*30-115*			

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5L0176 - EPA 3545

Laboratory Control Sample (B5L0176-BS1) Prepared: 12/12/05 Analyzed: 12/13/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	1.10	0.067	0.010	mg/kg	1.67	NA	65.9	55-115	NA	NA	
1,4-Dichlorobenzene	1.14	0.067	0.010	mg/kg	1.67	NA	68.3	55-115	NA	NA	
2,4-Dinitrotoluene	1.35	0.067	0.0070	mg/kg	1.67	NA	80.8	60-130	NA	NA	
2-Chlorophenol	1.24	0.067	0.018	mg/kg	1.67	NA	74.3	55-115	NA	NA	
4-Chloro-3-methylphenol	1.25	0.067	0.022	mg/kg	1.67	NA	74.9	55-115	NA	NA	
4-Nitrophenol	1.08	0.067	0.021	mg/kg	1.67	NA	64.7	45-130	NA	NA	
Acenaphthene	1.30	0.067	0.010	mg/kg	1.67	NA	77.8	50-115	NA	NA	
N-Nitrosodi-n-propylamine	1.16	0.067	0.012	mg/kg	1.67	NA	69.5	65-115	NA	NA	
Pentachlorophenol	0.388	0.17	0.019	mg/kg	1.67	NA	23.2	30-130	NA	NA	
Phenol	1.16	0.067	0.018	mg/kg	1.67	NA	69.5	55-115	NA	NA	
Pyrene	1.35	0.067	0.010	mg/kg	1.67	NA	80.8	50-130	NA	NA	
Surrogate: 2,4,6-Tribromophenol	*1.47*			mg/kg	*1.67*	*NA*	*88.0*	*30-150*			
Surrogate: 2-Fluorobiphenyl	*0.655*			mg/kg	*0.833*	*NA*	*78.6*	*30-104*			
Surrogate: 2-Fluorophenol	*1.08*			mg/kg	*1.67*	*NA*	*64.7*	*30-106*			
Surrogate: Nitrobenzene-d5	*0.581*			mg/kg	*0.833*	*NA*	*69.7*	*30-90*			
Surrogate: Phenol-d6	*1.17*			mg/kg	*1.67*	*NA*	*70.1*	*30-102*			
Surrogate: Terphenyl-d14	*0.704*			mg/kg	*0.833*	*NA*	*84.5*	*30-115*			

Laboratory Control Sample Duplicate (B5L0176-BSD1) Prepared: 12/12/05 Analyzed: 12/13/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	1.11	0.067	0.010	mg/kg	1.67	NA	66.5	55-115	0.905	25	
1,4-Dichlorobenzene	1.12	0.067	0.010	mg/kg	1.67	NA	67.1	55-115	1.77	25	
2,4-Dinitrotoluene	1.43	0.067	0.0070	mg/kg	1.67	NA	85.6	60-130	5.76	25	
2-Chlorophenol	1.21	0.067	0.018	mg/kg	1.67	NA	72.5	55-115	2.45	25	
4-Chloro-3-methylphenol	1.25	0.067	0.022	mg/kg	1.67	NA	74.9	55-115	0.00	25	
4-Nitrophenol	1.24	0.067	0.021	mg/kg	1.67	NA	74.3	45-130	13.8	30	
Acenaphthene	1.39	0.067	0.010	mg/kg	1.67	NA	83.2	50-115	6.69	25	
N-Nitrosodi-n-propylamine	1.15	0.067	0.012	mg/kg	1.67	NA	68.9	65-115	0.866	25	
Pentachlorophenol	0.470	0.17	0.019	mg/kg	1.67	NA	28.1	30-130	19.1	30	
Phenol	1.19	0.067	0.018	mg/kg	1.67	NA	71.3	55-115	2.55	25	
Pyrene	1.43	0.067	0.010	mg/kg	1.67	NA	85.6	50-130	5.76	25	
Surrogate: 2,4,6-Tribromophenol	*1.54*			mg/kg	*1.67*	*NA*	*92.2*	*30-150*			
Surrogate: 2-Fluorobiphenyl	*0.696*			mg/kg	*0.833*	*NA*	*83.6*	*30-104*			
Surrogate: 2-Fluorophenol	*1.11*			mg/kg	*1.67*	*NA*	*66.5*	*30-106*			
Surrogate: Nitrobenzene-d5	*0.600*			mg/kg	*0.833*	*NA*	*72.0*	*30-90*			
Surrogate: Phenol-d6	*1.22*			mg/kg	*1.67*	*NA*	*73.1*	*30-102*			
Surrogate: Terphenyl-d14	*0.743*			mg/kg	*0.833*	*NA*	*89.2*	*30-115*			

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5L0225 - EPA 3510C

Method Blank (B5L0225-BLK1) Prepared: 12/14/05 Analyzed: 12/15/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	ND	5.0	0.33	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	ND	5.0	0.27	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Diphenylhydrazine	ND	5.0	0.37	ug/L	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	ND	5.0	0.30	ug/L	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	ND	5.0	0.29	ug/L	NA	NA	NA	NA	NA	NA	
2,4,5-Trichlorophenol	ND	5.0	0.15	ug/L	NA	NA	NA	NA	NA	NA	
2,4,6-Trichlorophenol	ND	5.0	0.23	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dichlorophenol	ND	10	0.28	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dimethylphenol	ND	5.0	0.40	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dinitrophenol	ND	5.0	0.96	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dinitrotoluene	ND	5.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
2,6-Dinitrotoluene	ND	5.0	0.58	ug/L	NA	NA	NA	NA	NA	NA	
2-Chloronaphthalene	ND	5.0	0.30	ug/L	NA	NA	NA	NA	NA	NA	
2-Chlorophenol	ND	10	0.63	ug/L	NA	NA	NA	NA	NA	NA	
2-Methylnaphthalene	ND	5.0	0.39	ug/L	NA	NA	NA	NA	NA	NA	
2-Methylphenol	ND	10	2.5	ug/L	NA	NA	NA	NA	NA	NA	
2-Nitroaniline	ND	5.0	0.46	ug/L	NA	NA	NA	NA	NA	NA	
2-Nitrophenol	ND	10	0.54	ug/L	NA	NA	NA	NA	NA	NA	
3,3-Dichlorobenzidine	ND	5.0	0.54	ug/L	NA	NA	NA	NA	NA	NA	
3-/4-Methylphenol	ND	10	0.28	ug/L	NA	NA	NA	NA	NA	NA	
3-Nitroaniline	ND	5.0	0.66	ug/L	NA	NA	NA	NA	NA	NA	
4,6-Dinitro-2-methylphenol	ND	5.0	0.70	ug/L	NA	NA	NA	NA	NA	NA	
4-Bromophenyl phenyl ether	ND	5.0	0.24	ug/L	NA	NA	NA	NA	NA	NA	
4-Chloro-3-methylphenol	ND	5.0	0.23	ug/L	NA	NA	NA	NA	NA	NA	
4-Chloroaniline	ND	5.0	0.59	ug/L	NA	NA	NA	NA	NA	NA	
4-Chlorophenyl phenyl ether	ND	2.0	0.25	ug/L	NA	NA	NA	NA	NA	NA	
4-Nitroaniline	ND	5.0	0.34	ug/L	NA	NA	NA	NA	NA	NA	
4-Nitrophenol	ND	5.0	0.82	ug/L	NA	NA	NA	NA	NA	NA	
Acenaphthene	ND	2.0	0.26	ug/L	NA	NA	NA	NA	NA	NA	
Acenaphthylene	ND	2.0	0.19	ug/L	NA	NA	NA	NA	NA	NA	
Aniline	ND	5.0	0.88	ug/L	NA	NA	NA	NA	NA	NA	
Anthracene	ND	2.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Benz(a)anthracene	ND	2.0	0.71	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(a)pyrene	ND	2.0	0.77	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(b)fluoranthene	ND	2.0	0.42	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(g,h,i)perylene	ND	2.0	0.67	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(k)fluoranthene	ND	2.0	0.75	ug/L	NA	NA	NA	NA	NA	NA	
Benzyl alcohol	ND	10	0.32	ug/L	NA	NA	NA	NA	NA	NA	
bis(2-Chloroethoxy)methane	ND	5.0	0.34	ug/L	NA	NA	NA	NA	NA	NA	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506445
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5L0225 - EPA 3510C

Method Blank (B5L0225-BLK1) Prepared: 12/14/05 Analyzed: 12/15/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Bis(2-Chloroethyl)ether	ND	5.0	0.42	ug/L	NA	NA	NA	NA	NA	NA	
Bis(2-chloroisopropyl)ether	ND	5.0	0.32	ug/L	NA	NA	NA	NA	NA	NA	
Bis(2-Ethylhexyl)phthalate	ND	5.0	1.5	ug/L	NA	NA	NA	NA	NA	NA	
Butyl benzyl phthalate	ND	5.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
Carbazole	ND	5.0	0.34	ug/L	NA	NA	NA	NA	NA	NA	
Chrysene	ND	2.0	0.70	ug/L	NA	NA	NA	NA	NA	NA	
Dibenz(a,h)anthracene	ND	2.0	0.78	ug/L	NA	NA	NA	NA	NA	NA	
Dibenzofuran	ND	5.0	0.27	ug/L	NA	NA	NA	NA	NA	NA	
Diethylphthalate	ND	5.0	0.30	ug/L	NA	NA	NA	NA	NA	NA	
Dimethyl phthalate	ND	5.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Di-n-butyl phthalate	ND	5.0	0.47	ug/L	NA	NA	NA	NA	NA	NA	
Di-n-octyl phthalate	ND	5.0	0.80	ug/L	NA	NA	NA	NA	NA	NA	
Fluoranthene	ND	2.0	0.26	ug/L	NA	NA	NA	NA	NA	NA	
Fluorene	ND	2.0	0.46	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorobenzene	ND	5.0	0.24	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorobutadiene	ND	5.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorocyclopentadiene	ND	5.0	0.28	ug/L	NA	NA	NA	NA	NA	NA	
Hexachloroethane	ND	5.0	0.35	ug/L	NA	NA	NA	NA	NA	NA	
Indeno(1,2,3-cd)pyrene	ND	2.0	0.78	ug/L	NA	NA	NA	NA	NA	NA	
Isophorone	ND	5.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Naphthalene	ND	5.0	0.32	ug/L	NA	NA	NA	NA	NA	NA	
Nitrobenzene	ND	5.0	0.27	ug/L	NA	NA	NA	NA	NA	NA	
N-Nitrosodimethylamine	ND	5.0	0.26	ug/L	NA	NA	NA	NA	NA	NA	
N-Nitrosodi-n-propylamine	ND	5.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
N-Nitrosodiphenylamine	ND	5.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
Pentachlorophenol	ND	5.0	0.54	ug/L	NA	NA	NA	NA	NA	NA	
Phenanthrene	ND	2.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Phenol	ND	10	2.1	ug/L	NA	NA	NA	NA	NA	NA	
Pyrene	ND	2.0	0.50	ug/L	NA	NA	NA	NA	NA	NA	
Pyridine	ND	10	2.4	ug/L	NA	NA	NA	NA	NA	NA	
Surrogate: 2,4,6-Tribromophenol	*41.5*			ug/L	*50.0*	*NA*	*83.0*	*65-100*			
Surrogate: 2-Fluorobiphenyl	*20.3*			ug/L	*25.0*	*NA*	*81.2*	*59-101*			
Surrogate: 2-Fluorophenol	*24.0*			ug/L	*50.0*	*NA*	*48.0*	*30-75*			
Surrogate: Nitrobenzene-d5	*19.6*			ug/L	*25.0*	*NA*	*78.4*	*57-101*			
Surrogate: Phenol-d6	*22.1*			ug/L	*50.0*	*NA*	*44.2*	*30-75*			
Surrogate: Terphenyl-d14	*21.0*			ug/L	*25.0*	*NA*	*84.0*	*65-100*			

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Service Engineering Group	Client Ref:05500	Work Order #: 0506445
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5L0225 - EPA 3510C

Laboratory Control Sample (B5L0225-BS1) Prepared: 12/14/05 Analyzed: 12/15/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	26.7	5.0	0.33	ug/L	50.0	NA	53.4	30-120	NA	NA	
1,4-Dichlorobenzene	26.6	5.0	0.29	ug/L	50.0	NA	53.2	40-110	NA	NA	
2-Chlorophenol	27.0	10	0.63	ug/L	50.0	NA	54.0	40-100	NA	NA	
4-Chloro-3-methylphenol	32.5	5.0	0.23	ug/L	50.0	NA	65.0	50-110	NA	NA	
4-Nitrophenol	24.2	5.0	0.82	ug/L	50.0	NA	48.4	30-80	NA	NA	
Acenaphthene	33.4	2.0	0.26	ug/L	50.0	NA	66.8	50-110	NA	NA	
N-Nitrosodi-n-propylamine	34.9	5.0	0.31	ug/L	50.0	NA	69.8	45-120	NA	NA	
Pentachlorophenol	38.5	5.0	0.54	ug/L	50.0	NA	77.0	45-115	NA	NA	
Phenol	17.5	10	2.1	ug/L	50.0	NA	35.0	30-80	NA	NA	
Pyrene	41.0	2.0	0.50	ug/L	50.0	NA	82.0	55-120	NA	NA	
Surrogate: 2,4,6-Tribromophenol	*41.0*			ug/L	*50.0*	*NA*	*82.0*	*65-100*			
Surrogate: 2-Fluorobiphenyl	*16.9*			ug/L	*25.0*	*NA*	*67.6*	*59-101*			
Surrogate: 2-Fluorophenol	*19.3*			ug/L	*50.0*	*NA*	*38.6*	*30-75*			
Surrogate: Nitrobenzene-d5	*15.3*			ug/L	*25.0*	*NA*	*61.2*	*57-101*			
Surrogate: Phenol-d6	*17.2*			ug/L	*50.0*	*NA*	*34.4*	*30-75*			
Surrogate: Terphenyl-d14	*20.2*			ug/L	*25.0*	*NA*	*80.8*	*65-100*			

Laboratory Control Sample Duplicate (B5L0225-BSD1) Prepared: 12/14/05 Analyzed: 12/15/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	28.8	5.0	0.33	ug/L	50.0	NA	57.6	30-120	7.57	20	
1,4-Dichlorobenzene	28.3	5.0	0.29	ug/L	50.0	NA	56.6	40-110	6.19	20	
2-Chlorophenol	28.1	10	0.63	ug/L	50.0	NA	56.2	40-100	3.99	20	
4-Chloro-3-methylphenol	33.7	5.0	0.23	ug/L	50.0	NA	67.4	50-110	3.63	20	
4-Nitrophenol	23.4	5.0	0.82	ug/L	50.0	NA	46.8	30-80	3.36	20	
Acenaphthene	34.7	2.0	0.26	ug/L	50.0	NA	69.4	50-110	3.82	20	
N-Nitrosodi-n-propylamine	38.3	5.0	0.31	ug/L	50.0	NA	76.6	45-120	9.29	20	
Pentachlorophenol	39.8	5.0	0.54	ug/L	50.0	NA	79.6	45-115	3.32	20	
Phenol	18.1	10	2.1	ug/L	50.0	NA	36.2	30-80	3.37	20	
Pyrene	42.2	2.0	0.50	ug/L	50.0	NA	84.4	55-120	2.88	20	
Surrogate: 2,4,6-Tribromophenol	*43.7*			ug/L	*50.0*	*NA*	*87.4*	*65-100*			
Surrogate: 2-Fluorobiphenyl	*17.4*			ug/L	*25.0*	*NA*	*69.6*	*59-101*			
Surrogate: 2-Fluorophenol	*19.0*			ug/L	*50.0*	*NA*	*38.0*	*30-75*			
Surrogate: Nitrobenzene-d5	*16.8*			ug/L	*25.0*	*NA*	*67.2*	*57-101*			
Surrogate: Phenol-d6	*17.3*			ug/L	*50.0*	*NA*	*34.6*	*30-75*			
Surrogate: Terphenyl-d14	*20.7*			ug/L	*25.0*	*NA*	*82.8*	*65-100*			

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5L0225 - EPA 3510C

Matrix Spike (B5L0225-MS1) **Source: 0506445-03** Prepared: 12/14/05 Analyzed: 12/16/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	66.6	11	0.70	ug/L	106	ND	62.8	30-130	NA	NA	
1,4-Dichlorobenzene	67.9	11	0.62	ug/L	106	ND	64.1	30-130	NA	NA	
2-Chlorophenol	71.4	21	1.3	ug/L	106	ND	67.4	30-130	NA	NA	
4-Chloro-3-methylphenol	81.5	11	0.50	ug/L	106	ND	76.9	30-130	NA	NA	
4-Nitrophenol	82.7	11	1.7	ug/L	106	ND	78.0	30-130	NA	NA	
Acenaphthene	79.4	4.3	0.56	ug/L	106	ND	74.9	30-130	NA	NA	
N-Nitrosodi-n-propylamine	85.4	11	0.66	ug/L	106	ND	80.6	30-130	NA	NA	
Pentachlorophenol	85.6	11	1.2	ug/L	106	ND	80.8	30-130	NA	NA	
Phenol	68.7	21	4.5	ug/L	106	ND	64.8	30-130	NA	NA	
Pyrene	93.1	4.3	1.1	ug/L	106	ND	87.8	30-130	NA	NA	
Surrogate: 2,4,6-Tribromophenol	*88.9*			ug/L	*106*	*NA*	*83.9*	*65-100*			
Surrogate: 2-Fluorobiphenyl	*41.9*			ug/L	*53.2*	*NA*	*78.8*	*59-101*			
Surrogate: 2-Fluorophenol	*65.4*			ug/L	*106*	*NA*	*61.7*	*30-75*			
Surrogate: Nitrobenzene-d5	*37.7*			ug/L	*53.2*	*NA*	*70.9*	*57-101*			
Surrogate: Phenol-d6	*70.7*			ug/L	*106*	*NA*	*66.7*	*30-75*			
Surrogate: Terphenyl-d14	*45.6*			ug/L	*53.2*	*NA*	*85.7*	*65-100*			

Matrix Spike Duplicate (B5L0225-MSD1) **Source: 0506445-03** Prepared: 12/14/05 Analyzed: 12/16/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	70.9	12	0.77	ug/L	116	ND	61.1	30-130	6.25	30	
1,4-Dichlorobenzene	69.3	12	0.68	ug/L	116	ND	59.7	30-130	2.04	30	
2-Chlorophenol	74.3	23	1.5	ug/L	116	ND	64.1	30-130	3.98	30	
4-Chloro-3-methylphenol	89.0	12	0.54	ug/L	116	ND	76.7	30-130	8.80	30	
4-Nitrophenol	87.5	12	1.9	ug/L	116	ND	75.4	30-130	5.64	30	
Acenaphthene	82.5	4.7	0.61	ug/L	116	ND	71.1	30-130	3.83	30	
N-Nitrosodi-n-propylamine	88.5	12	0.73	ug/L	116	ND	76.3	30-130	3.57	30	
Pentachlorophenol	94.0	12	1.3	ug/L	116	ND	81.0	30-130	9.35	30	
Phenol	75.0	23	4.9	ug/L	116	ND	64.7	30-130	8.77	30	
Pyrene	96.4	4.7	1.2	ug/L	116	ND	83.1	30-130	3.48	30	
Surrogate: 2,4,6-Tribromophenol	*96.2*			ug/L	*116*	*NA*	*82.9*	*65-100*			
Surrogate: 2-Fluorobiphenyl	*43.6*			ug/L	*58.1*	*NA*	*75.0*	*59-101*			
Surrogate: 2-Fluorophenol	*66.0*			ug/L	*116*	*NA*	*56.9*	*30-75*			
Surrogate: Nitrobenzene-d5	*39.2*			ug/L	*58.1*	*NA*	*67.5*	*57-101*			
Surrogate: Phenol-d6	*75.1*			ug/L	*116*	*NA*	*64.7*	*30-75*			
Surrogate: Terphenyl-d14	*47.8*			ug/L	*58.1*	*NA*	*82.3*	*65-100*			

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0300 - EPA 5035

Method Blank (B5L0300-BLK1) Prepared & Analyzed: 12/14/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	ND	0.050	0.0071	mg/kg	NA	NA	NA	NA	NA	NA	
1,1,1-Trichloroethane	ND	0.050	0.0030	mg/kg	NA	NA	NA	NA	NA	NA	
1,1,2,2-Tetrachloroethane	ND	0.050	0.012	mg/kg	NA	NA	NA	NA	NA	NA	
1,1,2-Trichloroethane	ND	0.050	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
1,1,2-Trichlorotrifluoroethane	ND	0.050	0.0058	mg/kg	NA	NA	NA	NA	NA	NA	
1,1-Dichloroethane	ND	0.050	0.0027	mg/kg	NA	NA	NA	NA	NA	NA	
1,1-Dichloroethene	ND	0.050	0.0043	mg/kg	NA	NA	NA	NA	NA	NA	
1,1-Dichloropropene	ND	0.050	0.0037	mg/kg	NA	NA	NA	NA	NA	NA	
1,2,3-Trichlorobenzene	ND	0.050	0.0055	mg/kg	NA	NA	NA	NA	NA	NA	
1,2,3-Trichloropropane	ND	0.050	0.015	mg/kg	NA	NA	NA	NA	NA	NA	
1,2,4-Trichlorobenzene	ND	0.050	0.0072	mg/kg	NA	NA	NA	NA	NA	NA	
1,2,4-Trimethylbenzene	ND	0.050	0.0035	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Dibromo-3-chloropropane	ND	0.050	0.020	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Dibromoethane	ND	0.050	0.0032	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	ND	0.050	0.0059	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Dichloroethane	ND	0.050	0.0027	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Dichloropropane	ND	0.050	0.0025	mg/kg	NA	NA	NA	NA	NA	NA	
1,3,5-Trimethylbenzene	ND	0.050	0.0049	mg/kg	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	ND	0.050	0.0042	mg/kg	NA	NA	NA	NA	NA	NA	
1,3-Dichloropropane	ND	0.050	0.0063	mg/kg	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	ND	0.050	0.0060	mg/kg	NA	NA	NA	NA	NA	NA	
2,2-Dichloropropane	ND	0.050	0.0052	mg/kg	NA	NA	NA	NA	NA	NA	
2-Butanone (MEK)	ND	0.50	0.066	mg/kg	NA	NA	NA	NA	NA	NA	
2-Chlorotoluene	ND	0.050	0.0097	mg/kg	NA	NA	NA	NA	NA	NA	
4-Chlorotoluene	ND	0.050	0.0066	mg/kg	NA	NA	NA	NA	NA	NA	
4-Isopropyltoluene	ND	0.050	0.0029	mg/kg	NA	NA	NA	NA	NA	NA	
Acetone	ND	1.0	0.077	mg/kg	NA	NA	NA	NA	NA	NA	
Allyl Chloride	ND	0.050	0.013	mg/kg	NA	NA	NA	NA	NA	NA	
Benzene	ND	0.050	0.0022	mg/kg	NA	NA	NA	NA	NA	NA	
Bromobenzene	ND	0.050	0.0074	mg/kg	NA	NA	NA	NA	NA	NA	
Bromochloromethane	ND	0.050	0.011	mg/kg	NA	NA	NA	NA	NA	NA	
Bromodichloromethane	ND	0.050	0.0053	mg/kg	NA	NA	NA	NA	NA	NA	
Bromoform	ND	0.25	0.0064	mg/kg	NA	NA	NA	NA	NA	NA	
Bromomethane	ND	0.050	0.0068	mg/kg	NA	NA	NA	NA	NA	NA	
Carbon Tetrachloride	ND	0.050	0.0028	mg/kg	NA	NA	NA	NA	NA	NA	
Chlorobenzene	ND	0.050	0.0021	mg/kg	NA	NA	NA	NA	NA	NA	
Chlorodibromomethane	ND	0.050	0.0015	mg/kg	NA	NA	NA	NA	NA	NA	
Chloroethane	ND	0.050	0.0056	mg/kg	NA	NA	NA	NA	NA	NA	
Chloroform	ND	0.050	0.0058	mg/kg	NA	NA	NA	NA	NA	NA	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0300 - EPA 5035

Method Blank (B5L0300-BLK1) Prepared & Analyzed: 12/14/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	ND	0.050	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
cis-1,2-Dichloroethene	ND	0.050	0.0052	mg/kg	NA	NA	NA	NA	NA	NA	
cis-1,3-Dichloropropene	ND	0.050	0.0020	mg/kg	NA	NA	NA	NA	NA	NA	
Dibromomethane	ND	0.050	0.010	mg/kg	NA	NA	NA	NA	NA	NA	
Dichlorodifluoromethane	ND	0.050	0.0063	mg/kg	NA	NA	NA	NA	NA	NA	
Dichlorofluoromethane	ND	0.050	0.0052	mg/kg	NA	NA	NA	NA	NA	NA	
Ethyl Ether	ND	0.050	0.015	mg/kg	NA	NA	NA	NA	NA	NA	
Ethylbenzene	ND	0.050	0.0053	mg/kg	NA	NA	NA	NA	NA	NA	
Hexachlorobutadiene	ND	0.10	0.012	mg/kg	NA	NA	NA	NA	NA	NA	
Isopropylbenzene	ND	0.050	0.0032	mg/kg	NA	NA	NA	NA	NA	NA	
m,p-Xylenes	ND	0.050	0.0063	mg/kg	NA	NA	NA	NA	NA	NA	
Methyl Isobutyl Ketone	ND	0.25	0.021	mg/kg	NA	NA	NA	NA	NA	NA	
Methylene chloride	ND	0.25	0.032	mg/kg	NA	NA	NA	NA	NA	NA	
Methyl-t-butyl ether	ND	0.050	0.0060	mg/kg	NA	NA	NA	NA	NA	NA	
Naphthalene	ND	0.050	0.0050	mg/kg	NA	NA	NA	NA	NA	NA	
n-Butylbenzene	ND	0.050	0.0061	mg/kg	NA	NA	NA	NA	NA	NA	
n-Propylbenzene	ND	0.050	0.0052	mg/kg	NA	NA	NA	NA	NA	NA	
o-Xylene	ND	0.050	0.0070	mg/kg	NA	NA	NA	NA	NA	NA	
sec-Butylbenzene	ND	0.050	0.0021	mg/kg	NA	NA	NA	NA	NA	NA	
Styrene	ND	0.050	0.0023	mg/kg	NA	NA	NA	NA	NA	NA	
tert-Butylbenzene	ND	0.050	0.0051	mg/kg	NA	NA	NA	NA	NA	NA	
Tetrachloroethene	ND	0.10	0.0095	mg/kg	NA	NA	NA	NA	NA	NA	
Tetrahydrofuran	ND	0.25	0.058	mg/kg	NA	NA	NA	NA	NA	NA	
Toluene	ND	0.050	0.0086	mg/kg	NA	NA	NA	NA	NA	NA	
trans-1,2-Dichloroethene	ND	0.050	0.0068	mg/kg	NA	NA	NA	NA	NA	NA	
trans-1,3-Dichloropropene	ND	0.050	0.0059	mg/kg	NA	NA	NA	NA	NA	NA	
Trichloroethene	ND	0.050	0.0037	mg/kg	NA	NA	NA	NA	NA	NA	
Trichlorofluoromethane	ND	0.050	0.0095	mg/kg	NA	NA	NA	NA	NA	NA	
Vinyl chloride	ND	0.050	0.012	mg/kg	NA	NA	NA	NA	NA	NA	
Surrogate: 1,2-Dichloroethane-d4	*26.2*			ug/L	*25.0*	*NA*	*105*	*81-127*			
Surrogate: 4-Bromofluorobenzene	*25.0*			ug/L	*25.0*	*NA*	*100*	*74-117*			
Surrogate: Dibromofluoromethane	*23.9*			ug/L	*25.0*	*NA*	*95.6*	*79-127*			
Surrogate: Toluene-d8	*24.3*			ug/L	*25.0*	*NA*	*97.2*	*82-115*			

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Service Engineering Group	Client Ref:05500	Work Order #: 0506445
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0300 - EPA 5035

Laboratory Control Sample (B5L0300-BS1) Prepared & Analyzed: 12/14/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	1.24	0.050	0.0071	mg/kg	1.25	NA	99.2	80-120	NA	NA	
1,1,1-Trichloroethane	1.20	0.050	0.0030	mg/kg	1.25	NA	96.0	80-120	NA	NA	
1,1,2,2-Tetrachloroethane	1.27	0.050	0.012	mg/kg	1.25	NA	102	80-120	NA	NA	
1,1,2-Trichloroethane	1.20	0.050	0.010	mg/kg	1.25	NA	96.0	80-120	NA	NA	
1,1,2-Trichlorotrifluoroethane	1.18	0.050	0.0058	mg/kg	1.25	NA	94.4	80-120	NA	NA	
1,1-Dichloroethane	1.14	0.050	0.0027	mg/kg	1.25	NA	91.2	80-120	NA	NA	
1,1-Dichloroethene	1.11	0.050	0.0043	mg/kg	1.25	NA	88.8	80-120	NA	NA	
1,1-Dichloropropene	1.18	0.050	0.0037	mg/kg	1.25	NA	94.4	80-120	NA	NA	
1,2,3-Trichlorobenzene	1.25	0.050	0.0055	mg/kg	1.25	NA	100	80-120	NA	NA	
1,2,3-Trichloropropane	1.29	0.050	0.015	mg/kg	1.25	NA	103	80-120	NA	NA	
1,2,4-Trichlorobenzene	1.22	0.050	0.0072	mg/kg	1.25	NA	97.6	80-120	NA	NA	
1,2,4-Trimethylbenzene	1.19	0.050	0.0035	mg/kg	1.25	NA	95.2	80-120	NA	NA	
1,2-Dibromo-3-chloropropane	1.33	0.050	0.020	mg/kg	1.25	NA	106	80-120	NA	NA	
1,2-Dibromoethane	1.25	0.050	0.0032	mg/kg	1.25	NA	100	80-120	NA	NA	
1,2-Dichlorobenzene	1.17	0.050	0.0059	mg/kg	1.25	NA	93.6	80-120	NA	NA	
1,2-Dichloroethane	1.21	0.050	0.0027	mg/kg	1.25	NA	96.8	80-120	NA	NA	
1,2-Dichloropropane	1.21	0.050	0.0025	mg/kg	1.25	NA	96.8	80-120	NA	NA	
1,3,5-Trimethylbenzene	1.18	0.050	0.0049	mg/kg	1.25	NA	94.4	80-120	NA	NA	
1,3-Dichlorobenzene	1.13	0.050	0.0042	mg/kg	1.25	NA	90.4	80-120	NA	NA	
1,3-Dichloropropane	1.23	0.050	0.0063	mg/kg	1.25	NA	98.4	80-120	NA	NA	
1,4-Dichlorobenzene	1.14	0.050	0.0060	mg/kg	1.25	NA	91.2	80-120	NA	NA	
2,2-Dichloropropane	1.21	0.050	0.0052	mg/kg	1.25	NA	96.8	80-120	NA	NA	
2-Butanone (MEK)	1.27	0.50	0.066	mg/kg	1.25	NA	102	80-120	NA	NA	
2-Chlorotoluene	1.13	0.050	0.0097	mg/kg	1.25	NA	90.4	80-120	NA	NA	
4-Chlorotoluene	1.14	0.050	0.0066	mg/kg	1.25	NA	91.2	80-120	NA	NA	
4-Isopropyltoluene	1.15	0.050	0.0029	mg/kg	1.25	NA	92.0	80-120	NA	NA	
Acetone	1.44	1.0	0.077	mg/kg	1.25	NA	115	80-120	NA	NA	
Allyl Chloride	1.18	0.050	0.013	mg/kg	1.25	NA	94.4	80-120	NA	NA	
Benzene	1.22	0.050	0.0022	mg/kg	1.25	NA	97.6	80-120	NA	NA	
Bromobenzene	1.15	0.050	0.0074	mg/kg	1.25	NA	92.0	80-120	NA	NA	
Bromochloromethane	1.13	0.050	0.011	mg/kg	1.25	NA	90.4	80-120	NA	NA	
Bromodichloromethane	1.30	0.050	0.0053	mg/kg	1.25	NA	104	80-120	NA	NA	
Bromoform	1.36	0.25	0.0064	mg/kg	1.25	NA	109	80-120	NA	NA	
Bromomethane	1.28	0.050	0.0068	mg/kg	1.25	NA	102	80-120	NA	NA	
Carbon Tetrachloride	1.28	0.050	0.0028	mg/kg	1.25	NA	102	80-120	NA	NA	
Chlorobenzene	1.17	0.050	0.0021	mg/kg	1.25	NA	93.6	80-120	NA	NA	
Chlorodibromomethane	1.28	0.050	0.0015	mg/kg	1.25	NA	102	80-120	NA	NA	
Chloroethane	1.21	0.050	0.0056	mg/kg	1.25	NA	96.8	80-120	NA	NA	
Chloroform	1.16	0.050	0.0058	mg/kg	1.25	NA	92.8	80-120	NA	NA	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0300 - EPA 5035

Laboratory Control Sample (B5L0300-BS1) Prepared & Analyzed: 12/14/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	1.17	0.050	0.010	mg/kg	1.25	NA	93.6	80-120	NA	NA	
cis-1,2-Dichloroethene	1.12	0.050	0.0052	mg/kg	1.25	NA	89.6	80-120	NA	NA	
cis-1,3-Dichloropropene	1.30	0.050	0.0020	mg/kg	1.25	NA	104	80-120	NA	NA	
Dibromomethane	1.25	0.050	0.010	mg/kg	1.25	NA	100	80-120	NA	NA	
Dichlorodifluoromethane	1.16	0.050	0.0063	mg/kg	1.25	NA	92.8	80-120	NA	NA	
Dichlorofluoromethane	1.23	0.050	0.0052	mg/kg	1.25	NA	98.4	80-120	NA	NA	
Ethyl Ether	1.22	0.050	0.015	mg/kg	1.25	NA	97.6	80-120	NA	NA	
Ethylbenzene	1.27	0.050	0.0053	mg/kg	1.25	NA	102	80-120	NA	NA	
Hexachlorobutadiene	1.16	0.10	0.012	mg/kg	1.25	NA	92.8	80-120	NA	NA	
Isopropylbenzene	1.25	0.050	0.0032	mg/kg	1.25	NA	100	80-120	NA	NA	
m,p-Xylenes	2.44	0.050	0.0063	mg/kg	2.50	NA	97.6	80-120	NA	NA	
Methyl Isobutyl Ketone	1.28	0.25	0.021	mg/kg	1.25	NA	102	80-120	NA	NA	
Methylene chloride	1.07	0.25	0.032	mg/kg	1.25	NA	85.6	80-120	NA	NA	
Methyl-t-butyl ether	1.27	0.050	0.0060	mg/kg	1.25	NA	102	80-120	NA	NA	
Naphthalene	1.25	0.050	0.0050	mg/kg	1.25	NA	100	80-120	NA	NA	
n-Butylbenzene	1.16	0.050	0.0061	mg/kg	1.25	NA	92.8	80-120	NA	NA	
n-Propylbenzene	1.13	0.050	0.0052	mg/kg	1.25	NA	90.4	80-120	NA	NA	
o-Xylene	1.22	0.050	0.0070	mg/kg	1.25	NA	97.6	80-120	NA	NA	
sec-Butylbenzene	1.15	0.050	0.0021	mg/kg	1.25	NA	92.0	80-120	NA	NA	
Styrene	1.32	0.050	0.0023	mg/kg	1.25	NA	106	80-120	NA	NA	
tert-Butylbenzene	1.15	0.050	0.0051	mg/kg	1.25	NA	92.0	80-120	NA	NA	
Tetrachloroethene	1.20	0.10	0.0095	mg/kg	1.25	NA	96.0	80-120	NA	NA	
Tetrahydrofuran	1.30	0.25	0.058	mg/kg	1.25	NA	104	80-120	NA	NA	
Toluene	1.16	0.050	0.0086	mg/kg	1.25	NA	92.8	80-120	NA	NA	
trans-1,2-Dichloroethene	1.12	0.050	0.0068	mg/kg	1.25	NA	89.6	80-120	NA	NA	
trans-1,3-Dichloropropene	1.37	0.050	0.0059	mg/kg	1.25	NA	110	80-120	NA	NA	
Trichloroethene	1.20	0.050	0.0037	mg/kg	1.25	NA	96.0	80-120	NA	NA	
Trichlorofluoromethane	1.24	0.050	0.0095	mg/kg	1.25	NA	99.2	80-120	NA	NA	
Vinyl chloride	1.27	0.050	0.012	mg/kg	1.25	NA	102	80-120	NA	NA	
Surrogate: 1,2-Dichloroethane-d4	*25.1*			ug/L	*25.0*	*NA*	*100*	*81-127*			
Surrogate: 4-Bromofluorobenzene	*26.2*			ug/L	*25.0*	*NA*	*105*	*74-117*			
Surrogate: Dibromofluoromethane	*23.8*			ug/L	*25.0*	*NA*	*95.2*	*79-127*			
Surrogate: Toluene-d8	*24.4*			ug/L	*25.0*	*NA*	*97.6*	*82-115*			

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Service Engineering Group	Client Ref:05500	Work Order #: 0506445
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0300 - EPA 5035

Laboratory Control Sample Duplicate (B5L0300-BSD1) Prepared & Analyzed: 12/14/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	1.24	0.050	0.0071	mg/kg	1.25	NA	99.2	80-120	0.00	20	
1,1,1-Trichloroethane	1.18	0.050	0.0030	mg/kg	1.25	NA	94.4	80-120	1.68	20	
1,1,2,2-Tetrachloroethane	1.30	0.050	0.012	mg/kg	1.25	NA	104	80-120	2.33	20	
1,1,2-Trichloroethane	1.21	0.050	0.010	mg/kg	1.25	NA	96.8	80-120	0.830	20	
1,1,2-Trichlorotrifluoroethane	1.16	0.050	0.0058	mg/kg	1.25	NA	92.8	80-120	1.71	20	
1,1-Dichloroethane	1.14	0.050	0.0027	mg/kg	1.25	NA	91.2	80-120	0.00	20	
1,1-Dichloroethene	1.12	0.050	0.0043	mg/kg	1.25	NA	89.6	80-120	0.897	20	
1,1-Dichloropropene	1.16	0.050	0.0037	mg/kg	1.25	NA	92.8	80-120	1.71	20	
1,2,3-Trichlorobenzene	1.30	0.050	0.0055	mg/kg	1.25	NA	104	80-120	3.92	20	
1,2,3-Trichloropropane	1.30	0.050	0.015	mg/kg	1.25	NA	104	80-120	0.772	20	
1,2,4-Trichlorobenzene	1.23	0.050	0.0072	mg/kg	1.25	NA	98.4	80-120	0.816	20	
1,2,4-Trimethylbenzene	1.19	0.050	0.0035	mg/kg	1.25	NA	95.2	80-120	0.00	20	
1,2-Dibromo-3-chloropropane	1.36	0.050	0.020	mg/kg	1.25	NA	109	80-120	2.23	20	
1,2-Dibromoethane	1.25	0.050	0.0032	mg/kg	1.25	NA	100	80-120	0.00	20	
1,2-Dichlorobenzene	1.17	0.050	0.0059	mg/kg	1.25	NA	93.6	80-120	0.00	20	
1,2-Dichloroethane	1.22	0.050	0.0027	mg/kg	1.25	NA	97.6	80-120	0.823	20	
1,2-Dichloropropane	1.21	0.050	0.0025	mg/kg	1.25	NA	96.8	80-120	0.00	20	
1,3,5-Trimethylbenzene	1.18	0.050	0.0049	mg/kg	1.25	NA	94.4	80-120	0.00	20	
1,3-Dichlorobenzene	1.13	0.050	0.0042	mg/kg	1.25	NA	90.4	80-120	0.00	20	
1,3-Dichloropropane	1.24	0.050	0.0063	mg/kg	1.25	NA	99.2	80-120	0.810	20	
1,4-Dichlorobenzene	1.14	0.050	0.0060	mg/kg	1.25	NA	91.2	80-120	0.00	20	
2,2-Dichloropropane	1.19	0.050	0.0052	mg/kg	1.25	NA	95.2	80-120	1.67	20	
2-Butanone (MEK)	1.32	0.50	0.066	mg/kg	1.25	NA	106	80-120	3.86	20	
2-Chlorotoluene	1.13	0.050	0.0097	mg/kg	1.25	NA	90.4	80-120	0.00	20	
4-Chlorotoluene	1.15	0.050	0.0066	mg/kg	1.25	NA	92.0	80-120	0.873	20	
4-Isopropyltoluene	1.15	0.050	0.0029	mg/kg	1.25	NA	92.0	80-120	0.00	20	
Acetone	1.39	1.0	0.077	mg/kg	1.25	NA	111	80-120	3.53	20	
Allyl Chloride	1.18	0.050	0.013	mg/kg	1.25	NA	94.4	80-120	0.00	20	
Benzene	1.21	0.050	0.0022	mg/kg	1.25	NA	96.8	80-120	0.823	20	
Bromobenzene	1.16	0.050	0.0074	mg/kg	1.25	NA	92.8	80-120	0.866	20	
Bromochloromethane	1.14	0.050	0.011	mg/kg	1.25	NA	91.2	80-120	0.881	20	
Bromodichloromethane	1.28	0.050	0.0053	mg/kg	1.25	NA	102	80-120	1.55	20	
Bromoform	1.37	0.25	0.0064	mg/kg	1.25	NA	110	80-120	0.733	20	
Bromomethane	1.23	0.050	0.0068	mg/kg	1.25	NA	98.4	80-120	3.98	20	
Carbon Tetrachloride	1.27	0.050	0.0028	mg/kg	1.25	NA	102	80-120	0.784	20	
Chlorobenzene	1.18	0.050	0.0021	mg/kg	1.25	NA	94.4	80-120	0.851	20	
Chlorodibromomethane	1.28	0.050	0.0015	mg/kg	1.25	NA	102	80-120	0.00	20	
Chloroethane	1.17	0.050	0.0056	mg/kg	1.25	NA	93.6	80-120	3.36	20	
Chloroform	1.15	0.050	0.0058	mg/kg	1.25	NA	92.0	80-120	0.866	20	

The results in this report apply only to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Service Engineering Group	Client Ref:05500	Work Order #: 0506445
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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0300 - EPA 5035

Laboratory Control Sample Duplicate (B5L0300-BSD1) Prepared & Analyzed: 12/14/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	1.16	0.050	0.010	mg/kg	1.25	NA	92.8	80-120	0.858	20	
cis-1,2-Dichloroethene	1.14	0.050	0.0052	mg/kg	1.25	NA	91.2	80-120	1.77	20	
cis-1,3-Dichloropropene	1.29	0.050	0.0020	mg/kg	1.25	NA	103	80-120	0.772	20	
Dibromomethane	1.25	0.050	0.010	mg/kg	1.25	NA	100	80-120	0.00	20	
Dichlorodifluoromethane	1.13	0.050	0.0063	mg/kg	1.25	NA	90.4	80-120	2.62	20	
Dichlorofluoromethane	1.18	0.050	0.0052	mg/kg	1.25	NA	94.4	80-120	4.15	20	
Ethyl Ether	1.21	0.050	0.015	mg/kg	1.25	NA	96.8	80-120	0.823	20	
Ethylbenzene	1.26	0.050	0.0053	mg/kg	1.25	NA	101	80-120	0.791	20	
Hexachlorobutadiene	1.18	0.10	0.012	mg/kg	1.25	NA	94.4	80-120	1.71	20	
Isopropylbenzene	1.25	0.050	0.0032	mg/kg	1.25	NA	100	80-120	0.00	20	
m,p-Xylenes	2.43	0.050	0.0063	mg/kg	2.50	NA	97.2	80-120	0.411	20	
Methyl Isobutyl Ketone	1.32	0.25	0.021	mg/kg	1.25	NA	106	80-120	3.08	20	
Methylene chloride	1.08	0.25	0.032	mg/kg	1.25	NA	86.4	80-120	0.930	20	
Methyl-t-butyl ether	1.29	0.050	0.0060	mg/kg	1.25	NA	103	80-120	1.56	20	
Naphthalene	1.29	0.050	0.0050	mg/kg	1.25	NA	103	80-120	3.15	20	
n-Butylbenzene	1.17	0.050	0.0061	mg/kg	1.25	NA	93.6	80-120	0.858	20	
n-Propylbenzene	1.15	0.050	0.0052	mg/kg	1.25	NA	92.0	80-120	1.75	20	
o-Xylene	1.22	0.050	0.0070	mg/kg	1.25	NA	97.6	80-120	0.00	20	
sec-Butylbenzene	1.16	0.050	0.0021	mg/kg	1.25	NA	92.8	80-120	0.866	20	
Styrene	1.32	0.050	0.0023	mg/kg	1.25	NA	106	80-120	0.00	20	
tert-Butylbenzene	1.17	0.050	0.0051	mg/kg	1.25	NA	93.6	80-120	1.72	20	
Tetrachloroethene	1.18	0.10	0.0095	mg/kg	1.25	NA	94.4	80-120	1.68	20	
Tetrahydrofuran	1.32	0.25	0.058	mg/kg	1.25	NA	106	80-120	1.53	20	
Toluene	1.15	0.050	0.0086	mg/kg	1.25	NA	92.0	80-120	0.866	20	
trans-1,2-Dichloroethene	1.14	0.050	0.0068	mg/kg	1.25	NA	91.2	80-120	1.77	20	
trans-1,3-Dichloropropene	1.36	0.050	0.0059	mg/kg	1.25	NA	109	80-120	0.733	20	
Trichloroethene	1.19	0.050	0.0037	mg/kg	1.25	NA	95.2	80-120	0.837	20	
Trichlorofluoromethane	1.20	0.050	0.0095	mg/kg	1.25	NA	96.0	80-120	3.28	20	
Vinyl chloride	1.22	0.050	0.012	mg/kg	1.25	NA	97.6	80-120	4.02	20	
Surrogate: 1,2-Dichloroethane-d4	*25.0*			ug/L	*25.0*	*NA*	*100*	*81-127*			
Surrogate: 4-Bromofluorobenzene	*26.3*			ug/L	*25.0*	*NA*	*105*	*74-117*			
Surrogate: Dibromofluoromethane	*23.8*			ug/L	*25.0*	*NA*	*95.2*	*79-127*			
Surrogate: Toluene-d8	*24.6*			ug/L	*25.0*	*NA*	*98.4*	*82-115*			

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Service Engineering Group	Client Ref:05500	Work Order #: 0506445
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0310 - EPA 5030B

Method Blank (B5L0310-BLK1) Prepared: 12/14/05 Analyzed: 12/15/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
1,1,1-Trichloroethane	ND	1.0	0.050	ug/L	NA	NA	NA	NA	NA	NA	
1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/L	NA	NA	NA	NA	NA	NA	
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
1,1,2-Trichlorotrifluoroethane	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
1,1-Dichloroethane	ND	1.0	0.053	ug/L	NA	NA	NA	NA	NA	NA	
1,1-Dichloroethene	ND	1.0	0.085	ug/L	NA	NA	NA	NA	NA	NA	
1,1-Dichloropropene	ND	1.0	0.073	ug/L	NA	NA	NA	NA	NA	NA	
1,2,3-Trichlorobenzene	ND	1.0	0.11	ug/L	NA	NA	NA	NA	NA	NA	
1,2,3-Trichloropropane	ND	1.0	0.30	ug/L	NA	NA	NA	NA	NA	NA	
1,2,4-Trichlorobenzene	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
1,2,4-Trimethylbenzene	ND	1.0	0.071	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dibromo-3-chloropropane	ND	1.0	0.41	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dibromoethane	ND	1.0	0.064	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichloroethane	ND	1.0	0.053	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichloropropane	ND	1.0	0.050	ug/L	NA	NA	NA	NA	NA	NA	
1,3,5-Trimethylbenzene	ND	1.0	0.097	ug/L	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	ND	1.0	0.083	ug/L	NA	NA	NA	NA	NA	NA	
1,3-Dichloropropane	ND	1.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
2,2-Dichloropropane	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
2-Butanone (MEK)	ND	10	1.3	ug/L	NA	NA	NA	NA	NA	NA	
2-Chlorotoluene	ND	1.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
4-Chlorotoluene	ND	1.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
4-Isopropyltoluene	ND	1.0	0.058	ug/L	NA	NA	NA	NA	NA	NA	
Acetone	ND	20	1.5	ug/L	NA	NA	NA	NA	NA	NA	
Allyl Chloride	ND	1.0	0.26	ug/L	NA	NA	NA	NA	NA	NA	
Benzene	ND	1.0	0.045	ug/L	NA	NA	NA	NA	NA	NA	
Bromobenzene	ND	1.0	0.15	ug/L	NA	NA	NA	NA	NA	NA	
Bromochloromethane	ND	1.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Bromodichloromethane	ND	1.0	0.11	ug/L	NA	NA	NA	NA	NA	NA	
Bromoform	ND	5.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
Bromomethane	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
Carbon Tetrachloride	ND	1.0	0.057	ug/L	NA	NA	NA	NA	NA	NA	
Chlorobenzene	ND	1.0	0.042	ug/L	NA	NA	NA	NA	NA	NA	
Chlorodibromomethane	ND	1.0	0.028	ug/L	NA	NA	NA	NA	NA	NA	
Chloroethane	ND	1.0	0.11	ug/L	NA	NA	NA	NA	NA	NA	
Chloroform	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506445
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0310 - EPA 5030B

Method Blank (B5L0310-BLK1) Prepared: 12/14/05 Analyzed: 12/15/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	ND	1.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
cis-1,2-Dichloroethene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
cis-1,3-Dichloropropene	ND	1.0	0.041	ug/L	NA	NA	NA	NA	NA	NA	
Dibromomethane	ND	1.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
Dichlorodifluoromethane	ND	1.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
Dichlorofluoromethane	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
Ethyl Ether	ND	1.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
Ethylbenzene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorobutadiene	ND	2.0	0.24	ug/L	NA	NA	NA	NA	NA	NA	
Isopropylbenzene	ND	1.0	0.064	ug/L	NA	NA	NA	NA	NA	NA	
m,p-Xylenes	ND	1.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
Methyl Isobutyl Ketone	ND	5.0	0.42	ug/L	NA	NA	NA	NA	NA	NA	
Methylene chloride	ND	5.0	0.63	ug/L	NA	NA	NA	NA	NA	NA	
Methyl-t-butyl ether	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
Naphthalene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
n-Butylbenzene	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
n-Propylbenzene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
o-Xylene	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
sec-Butylbenzene	ND	1.0	0.042	ug/L	NA	NA	NA	NA	NA	NA	
Styrene	ND	1.0	0.047	ug/L	NA	NA	NA	NA	NA	NA	
tert-Butylbenzene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
Tetrachloroethene	ND	2.0	0.19	ug/L	NA	NA	NA	NA	NA	NA	
Tetrahydrofuran	ND	5.0	1.2	ug/L	NA	NA	NA	NA	NA	NA	
Toluene	ND	1.0	0.17	ug/L	NA	NA	NA	NA	NA	NA	
trans-1,2-Dichloroethene	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
trans-1,3-Dichloropropene	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
Trichloroethene	ND	1.0	0.073	ug/L	NA	NA	NA	NA	NA	NA	
Trichlorofluoromethane	ND	1.0	0.19	ug/L	NA	NA	NA	NA	NA	NA	
Vinyl chloride	ND	1.0	0.25	ug/L	NA	NA	NA	NA	NA	NA	
Surrogate: 1,2-Dichloroethane-d4	*25.1*			ug/L	*25.0*	*NA*	*100*	*82-128*			
Surrogate: 4-Bromofluorobenzene	*24.9*			ug/L	*25.0*	*NA*	*99.6*	*76-119*			
Surrogate: Dibromofluoromethane	*23.5*			ug/L	*25.0*	*NA*	*94.0*	*79-127*			
Surrogate: Toluene-d8	*24.5*			ug/L	*25.0*	*NA*	*98.0*	*82-116*			

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Service Engineering Group	Client Ref:05500	Work Order #: 0506445
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0310 - EPA 5030B

Laboratory Control Sample (B5L0310-BS1) Prepared: 12/14/05 Analyzed: 12/15/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	25.1	1.0	0.14	ug/L	25.0	NA	100	80-120	NA	NA	
1,1,1-Trichloroethane	25.0	1.0	0.050	ug/L	25.0	NA	100	80-120	NA	NA	
1,1,2,2-Tetrachloroethane	25.9	1.0	0.23	ug/L	25.0	NA	104	80-120	NA	NA	
1,1,2-Trichloroethane	24.1	1.0	0.20	ug/L	25.0	NA	96.4	80-120	NA	NA	
1,1,2-Trichlorotrifluoroethane	24.8	1.0	0.12	ug/L	25.0	NA	99.2	80-120	NA	NA	
1,1-Dichloroethane	23.7	1.0	0.053	ug/L	25.0	NA	94.8	80-120	NA	NA	
1,1-Dichloroethene	23.9	1.0	0.085	ug/L	25.0	NA	95.6	80-120	NA	NA	
1,1-Dichloropropene	25.2	1.0	0.073	ug/L	25.0	NA	101	80-120	NA	NA	
1,2,3-Trichlorobenzene	26.1	1.0	0.11	ug/L	25.0	NA	104	80-120	NA	NA	
1,2,3-Trichloropropane	26.0	1.0	0.30	ug/L	25.0	NA	104	80-120	NA	NA	
1,2,4-Trichlorobenzene	25.0	1.0	0.14	ug/L	25.0	NA	100	80-120	NA	NA	
1,2,4-Trimethylbenzene	24.9	1.0	0.071	ug/L	25.0	NA	99.6	80-120	NA	NA	
1,2-Dibromo-3-chloropropane	28.3	1.0	0.41	ug/L	25.0	NA	113	80-120	NA	NA	
1,2-Dibromoethane	25.0	1.0	0.064	ug/L	25.0	NA	100	80-120	NA	NA	
1,2-Dichlorobenzene	24.3	1.0	0.12	ug/L	25.0	NA	97.2	80-120	NA	NA	
1,2-Dichloroethane	23.8	1.0	0.053	ug/L	25.0	NA	95.2	80-120	NA	NA	
1,2-Dichloropropane	24.7	1.0	0.050	ug/L	25.0	NA	98.8	80-120	NA	NA	
1,3,5-Trimethylbenzene	24.5	1.0	0.097	ug/L	25.0	NA	98.0	80-120	NA	NA	
1,3-Dichlorobenzene	23.6	1.0	0.083	ug/L	25.0	NA	94.4	80-120	NA	NA	
1,3-Dichloropropane	24.5	1.0	0.13	ug/L	25.0	NA	98.0	80-120	NA	NA	
1,4-Dichlorobenzene	23.8	1.0	0.12	ug/L	25.0	NA	95.2	80-120	NA	NA	
2,2-Dichloropropane	25.2	1.0	0.10	ug/L	25.0	NA	101	80-120	NA	NA	
2-Butanone (MEK)	21.4	10	1.3	ug/L	25.0	NA	85.6	80-120	NA	NA	
2-Chlorotoluene	23.9	1.0	0.20	ug/L	25.0	NA	95.6	80-120	NA	NA	
4-Chlorotoluene	24.2	1.0	0.13	ug/L	25.0	NA	96.8	80-120	NA	NA	
4-Isopropyltoluene	24.0	1.0	0.058	ug/L	25.0	NA	96.0	80-120	NA	NA	
Acetone	25.4	20	1.5	ug/L	25.0	NA	102	80-120	NA	NA	
Allyl Chloride	24.6	1.0	0.26	ug/L	25.0	NA	98.4	80-120	NA	NA	
Benzene	24.9	1.0	0.045	ug/L	25.0	NA	99.6	80-120	NA	NA	
Bromobenzene	24.4	1.0	0.15	ug/L	25.0	NA	97.6	80-120	NA	NA	
Bromochloromethane	23.4	1.0	0.21	ug/L	25.0	NA	93.6	80-120	NA	NA	
Bromodichloromethane	25.2	1.0	0.11	ug/L	25.0	NA	101	80-120	NA	NA	
Bromoform	28.8	5.0	0.13	ug/L	25.0	NA	115	80-120	NA	NA	
Bromomethane	28.5	1.0	0.14	ug/L	25.0	NA	114	80-120	NA	NA	
Carbon Tetrachloride	27.2	1.0	0.057	ug/L	25.0	NA	109	80-120	NA	NA	
Chlorobenzene	24.0	1.0	0.042	ug/L	25.0	NA	96.0	80-120	NA	NA	
Chlorodibromomethane	25.8	1.0	0.028	ug/L	25.0	NA	103	80-120	NA	NA	
Chloroethane	23.0	1.0	0.11	ug/L	25.0	NA	92.0	80-120	NA	NA	
Chloroform	23.4	1.0	0.12	ug/L	25.0	NA	93.6	80-120	NA	NA	

The results in this report apply only to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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11001 Hampshire Ave. S.
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Service Engineering Group	Client Ref:05500	Work Order #: 0506445
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0310 - EPA 5030B

Laboratory Control Sample (B5L0310-BS1) Prepared: 12/14/05 Analyzed: 12/15/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	22.4	1.0	0.20	ug/L	25.0	NA	89.6	80-120	NA	NA	
cis-1,2-Dichloroethene	23.4	1.0	0.10	ug/L	25.0	NA	93.6	80-120	NA	NA	
cis-1,3-Dichloropropene	25.8	1.0	0.041	ug/L	25.0	NA	103	80-120	NA	NA	
Dibromomethane	24.5	1.0	0.20	ug/L	25.0	NA	98.0	80-120	NA	NA	
Dichlorodifluoromethane	21.6	1.0	0.13	ug/L	25.0	NA	86.4	80-120	NA	NA	
Dichlorofluoromethane	22.7	1.0	0.10	ug/L	25.0	NA	90.8	80-120	NA	NA	
Ethyl Ether	23.5	1.0	0.31	ug/L	25.0	NA	94.0	80-120	NA	NA	
Ethylbenzene	25.8	1.0	0.10	ug/L	25.0	NA	103	80-120	NA	NA	
Hexachlorobutadiene	24.0	2.0	0.24	ug/L	25.0	NA	96.0	80-120	NA	NA	
Isopropylbenzene	25.6	1.0	0.064	ug/L	25.0	NA	102	80-120	NA	NA	
m,p-Xylenes	49.4	1.0	0.13	ug/L	50.0	NA	98.8	80-120	NA	NA	
Methyl Isobutyl Ketone	25.7	5.0	0.42	ug/L	25.0	NA	103	80-120	NA	NA	
Methylene chloride	21.1	5.0	0.63	ug/L	25.0	NA	84.4	80-120	NA	NA	
Methyl-t-butyl ether	26.0	1.0	0.12	ug/L	25.0	NA	104	80-120	NA	NA	
Naphthalene	25.6	1.0	0.10	ug/L	25.0	NA	102	80-120	NA	NA	
n-Butylbenzene	24.5	1.0	0.12	ug/L	25.0	NA	98.0	80-120	NA	NA	
n-Propylbenzene	24.0	1.0	0.10	ug/L	25.0	NA	96.0	80-120	NA	NA	
o-Xylene	25.0	1.0	0.14	ug/L	25.0	NA	100	80-120	NA	NA	
sec-Butylbenzene	24.3	1.0	0.042	ug/L	25.0	NA	97.2	80-120	NA	NA	
Styrene	26.9	1.0	0.047	ug/L	25.0	NA	108	80-120	NA	NA	
tert-Butylbenzene	24.6	1.0	0.10	ug/L	25.0	NA	98.4	80-120	NA	NA	
Tetrachloroethene	24.4	2.0	0.19	ug/L	25.0	NA	97.6	80-120	NA	NA	
Tetrahydrofuran	25.6	5.0	1.2	ug/L	25.0	NA	102	80-120	NA	NA	
Toluene	23.8	1.0	0.17	ug/L	25.0	NA	95.2	80-120	NA	NA	
trans-1,2-Dichloroethene	23.4	1.0	0.14	ug/L	25.0	NA	93.6	80-120	NA	NA	
trans-1,3-Dichloropropene	26.7	1.0	0.12	ug/L	25.0	NA	107	80-120	NA	NA	
Trichloroethene	24.8	1.0	0.073	ug/L	25.0	NA	99.2	80-120	NA	NA	
Trichlorofluoromethane	24.6	1.0	0.19	ug/L	25.0	NA	98.4	80-120	NA	NA	
Vinyl chloride	25.8	1.0	0.25	ug/L	25.0	NA	103	80-120	NA	NA	
Surrogate: 1,2-Dichloroethane-d4	*24.0*			ug/L	*25.0*	*NA*	*96.0*	*82-128*			
Surrogate: 4-Bromofluorobenzene	*26.4*			ug/L	*25.0*	*NA*	*106*	*76-119*			
Surrogate: Dibromofluoromethane	*23.6*			ug/L	*25.0*	*NA*	*94.4*	*79-127*			
Surrogate: Toluene-d8	*24.6*			ug/L	*25.0*	*NA*	*98.4*	*82-116*			

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Service Engineering Group	Client Ref:05500	Work Order #: 0506445
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0310 - EPA 5030B

Laboratory Control Sample Duplicate (B5L0310-BSD1) Prepared: 12/14/05 Analyzed: 12/15/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	24.9	1.0	0.14	ug/L	25.0	NA	99.6	80-120	0.800	20	
1,1,1-Trichloroethane	24.9	1.0	0.050	ug/L	25.0	NA	99.6	80-120	0.401	20	
1,1,2,2-Tetrachloroethane	26.0	1.0	0.23	ug/L	25.0	NA	104	80-120	0.385	20	
1,1,2-Trichloroethane	23.8	1.0	0.20	ug/L	25.0	NA	95.2	80-120	1.25	20	
1,1,2-Trichlorotrifluoroethane	24.3	1.0	0.12	ug/L	25.0	NA	97.2	80-120	2.04	20	
1,1-Dichloroethane	23.3	1.0	0.053	ug/L	25.0	NA	93.2	80-120	1.70	20	
1,1-Dichloroethene	23.3	1.0	0.085	ug/L	25.0	NA	93.2	80-120	2.54	20	
1,1-Dichloropropene	25.2	1.0	0.073	ug/L	25.0	NA	101	80-120	0.00	20	
1,2,3-Trichlorobenzene	24.6	1.0	0.11	ug/L	25.0	NA	98.4	80-120	5.92	20	
1,2,3-Trichloropropane	26.6	1.0	0.30	ug/L	25.0	NA	106	80-120	2.28	20	
1,2,4-Trichlorobenzene	23.8	1.0	0.14	ug/L	25.0	NA	95.2	80-120	4.92	20	
1,2,4-Trimethylbenzene	23.4	1.0	0.071	ug/L	25.0	NA	93.6	80-120	6.21	20	
1,2-Dibromo-3-chloropropane	26.7	1.0	0.41	ug/L	25.0	NA	107	80-120	5.82	20	
1,2-Dibromoethane	25.4	1.0	0.064	ug/L	25.0	NA	102	80-120	1.59	20	
1,2-Dichlorobenzene	23.3	1.0	0.12	ug/L	25.0	NA	93.2	80-120	4.20	20	
1,2-Dichloroethane	23.8	1.0	0.053	ug/L	25.0	NA	95.2	80-120	0.00	20	
1,2-Dichloropropane	24.4	1.0	0.050	ug/L	25.0	NA	97.6	80-120	1.22	20	
1,3,5-Trimethylbenzene	23.1	1.0	0.097	ug/L	25.0	NA	92.4	80-120	5.88	20	
1,3-Dichlorobenzene	22.6	1.0	0.083	ug/L	25.0	NA	90.4	80-120	4.33	20	
1,3-Dichloropropane	24.3	1.0	0.13	ug/L	25.0	NA	97.2	80-120	0.820	20	
1,4-Dichlorobenzene	22.6	1.0	0.12	ug/L	25.0	NA	90.4	80-120	5.17	20	
2,2-Dichloropropane	24.9	1.0	0.10	ug/L	25.0	NA	99.6	80-120	1.20	20	
2-Butanone (MEK)	23.4	10	1.3	ug/L	25.0	NA	93.6	80-120	8.93	20	
2-Chlorotoluene	22.6	1.0	0.20	ug/L	25.0	NA	90.4	80-120	5.59	20	
4-Chlorotoluene	23.0	1.0	0.13	ug/L	25.0	NA	92.0	80-120	5.08	20	
4-Isopropyltoluene	23.0	1.0	0.058	ug/L	25.0	NA	92.0	80-120	4.26	20	
Acetone	25.5	20	1.5	ug/L	25.0	NA	102	80-120	0.393	20	
Allyl Chloride	24.1	1.0	0.26	ug/L	25.0	NA	96.4	80-120	2.05	20	
Benzene	24.9	1.0	0.045	ug/L	25.0	NA	99.6	80-120	0.00	20	
Bromobenzene	23.4	1.0	0.15	ug/L	25.0	NA	93.6	80-120	4.18	20	
Bromochloromethane	23.4	1.0	0.21	ug/L	25.0	NA	93.6	80-120	0.00	20	
Bromodichloromethane	25.3	1.0	0.11	ug/L	25.0	NA	101	80-120	0.396	20	
Bromoform	29.0	5.0	0.13	ug/L	25.0	NA	116	80-120	0.692	20	
Bromomethane	28.6	1.0	0.14	ug/L	25.0	NA	114	80-120	0.350	20	
Carbon Tetrachloride	27.6	1.0	0.057	ug/L	25.0	NA	110	80-120	1.46	20	
Chlorobenzene	24.0	1.0	0.042	ug/L	25.0	NA	96.0	80-120	0.00	20	
Chlorodibromomethane	26.0	1.0	0.028	ug/L	25.0	NA	104	80-120	0.772	20	
Chloroethane	23.2	1.0	0.11	ug/L	25.0	NA	92.8	80-120	0.866	20	
Chloroform	23.3	1.0	0.12	ug/L	25.0	NA	93.2	80-120	0.428	20	

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BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:05500	Work Order #: 0506445
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0310 - EPA 5030B

Laboratory Control Sample Duplicate (B5L0310-BSD1) Prepared: 12/14/05 Analyzed: 12/15/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	22.5	1.0	0.20	ug/L	25.0	NA	90.0	80-120	0.445	20	
cis-1,2-Dichloroethene	23.0	1.0	0.10	ug/L	25.0	NA	92.0	80-120	1.72	20	
cis-1,3-Dichloropropene	25.7	1.0	0.041	ug/L	25.0	NA	103	80-120	0.388	20	
Dibromomethane	25.0	1.0	0.20	ug/L	25.0	NA	100	80-120	2.02	20	
Dichlorodifluoromethane	21.9	1.0	0.13	ug/L	25.0	NA	87.6	80-120	1.38	20	
Dichlorofluoromethane	23.2	1.0	0.10	ug/L	25.0	NA	92.8	80-120	2.18	20	
Ethyl Ether	24.2	1.0	0.31	ug/L	25.0	NA	96.8	80-120	2.94	20	
Ethylbenzene	25.4	1.0	0.10	ug/L	25.0	NA	102	80-120	1.56	20	
Hexachlorobutadiene	22.1	2.0	0.24	ug/L	25.0	NA	88.4	80-120	8.24	20	
Isopropylbenzene	25.4	1.0	0.064	ug/L	25.0	NA	102	80-120	0.784	20	
m,p-Xylenes	49.5	1.0	0.13	ug/L	50.0	NA	99.0	80-120	0.202	20	
Methyl Isobutyl Ketone	25.3	5.0	0.42	ug/L	25.0	NA	101	80-120	1.57	20	
Methylene chloride	21.0	5.0	0.63	ug/L	25.0	NA	84.0	80-120	0.475	20	
Methyl-t-butyl ether	25.8	1.0	0.12	ug/L	25.0	NA	103	80-120	0.772	20	
Naphthalene	24.5	1.0	0.10	ug/L	25.0	NA	98.0	80-120	4.39	20	
n-Butylbenzene	22.9	1.0	0.12	ug/L	25.0	NA	91.6	80-120	6.75	20	
n-Propylbenzene	22.8	1.0	0.10	ug/L	25.0	NA	91.2	80-120	5.13	20	
o-Xylene	24.9	1.0	0.14	ug/L	25.0	NA	99.6	80-120	0.401	20	
sec-Butylbenzene	23.1	1.0	0.042	ug/L	25.0	NA	92.4	80-120	5.06	20	
Styrene	26.8	1.0	0.047	ug/L	25.0	NA	107	80-120	0.372	20	
tert-Butylbenzene	23.3	1.0	0.10	ug/L	25.0	NA	93.2	80-120	5.43	20	
Tetrachloroethene	23.9	2.0	0.19	ug/L	25.0	NA	95.6	80-120	2.07	20	
Tetrahydrofuran	24.8	5.0	1.2	ug/L	25.0	NA	99.2	80-120	3.17	20	
Toluene	23.5	1.0	0.17	ug/L	25.0	NA	94.0	80-120	1.27	20	
trans-1,2-Dichloroethene	23.3	1.0	0.14	ug/L	25.0	NA	93.2	80-120	0.428	20	
trans-1,3-Dichloropropene	26.8	1.0	0.12	ug/L	25.0	NA	107	80-120	0.374	20	
Trichloroethene	24.9	1.0	0.073	ug/L	25.0	NA	99.6	80-120	0.402	20	
Trichlorofluoromethane	24.9	1.0	0.19	ug/L	25.0	NA	99.6	80-120	1.21	20	
Vinyl chloride	26.5	1.0	0.25	ug/L	25.0	NA	106	80-120	2.68	20	
Surrogate: 1,2-Dichloroethane-d4	*24.2*			ug/L	*25.0*	*NA*	*96.8*	*82-128*			
Surrogate: 4-Bromofluorobenzene	*26.8*			ug/L	*25.0*	*NA*	*107*	*76-119*			
Surrogate: Dibromofluoromethane	*23.5*			ug/L	*25.0*	*NA*	*94.0*	*79-127*			
Surrogate: Toluene-d8	*24.4*			ug/L	*25.0*	*NA*	*97.6*	*82-116*			

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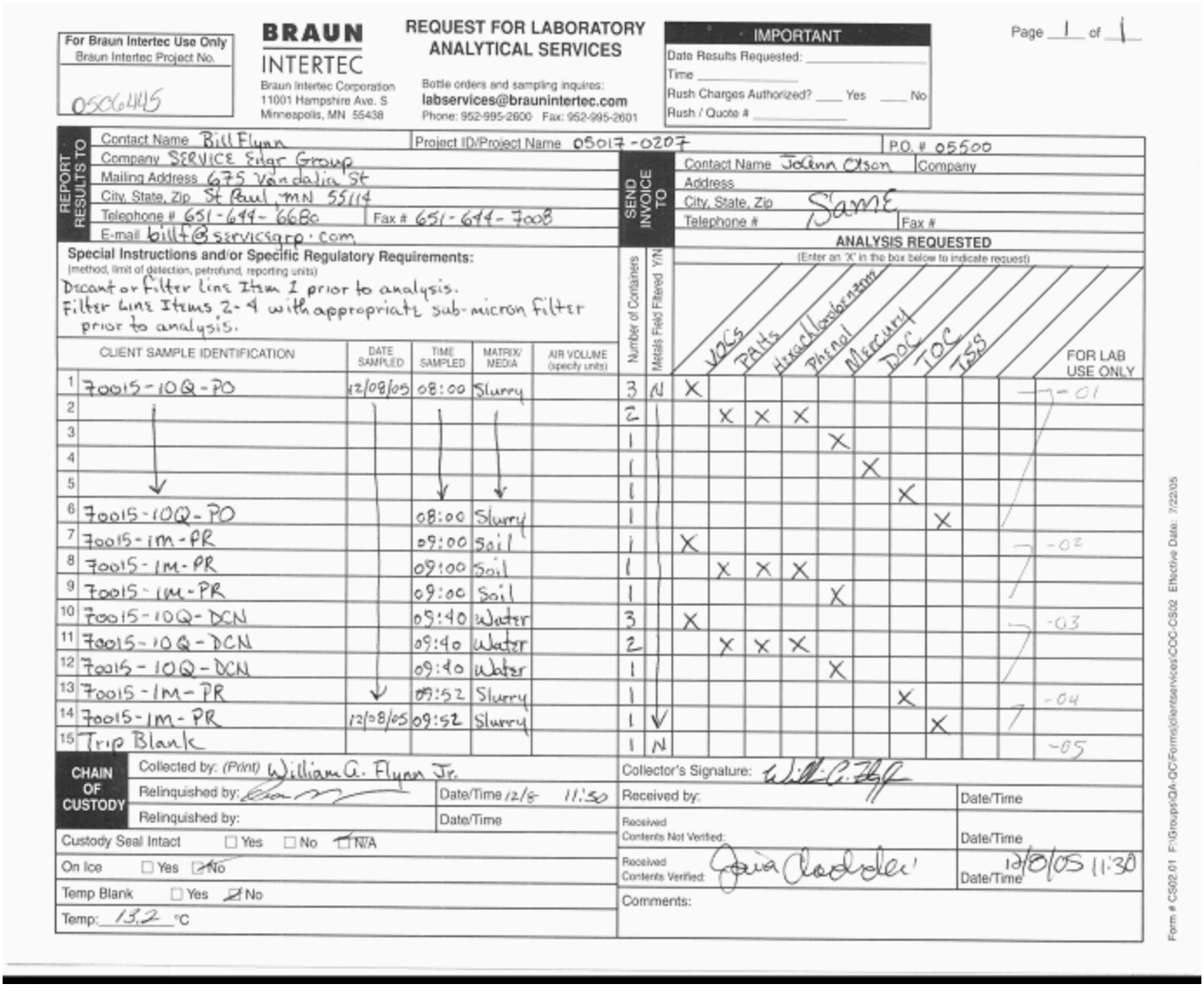
BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref: 05500	Work Order #: 0506445
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

For Braun Intertec Use Only
Braun Intertec Project No.
0506445



BRAUN INTERTEC
Braun Intertec Corporation
11001 Hampshire Ave. S
Minneapolis, MN 55438

REQUEST FOR LABORATORY ANALYTICAL SERVICES

Bottle orders and sampling inquires:
labservices@braunintertec.com
Phone: 952-995-2600 Fax: 952-995-2601

IMPORTANT
Date Results Requested: _____
Time _____
Rush Charges Authorized? ____ Yes ____ No
Rush / Quote # _____

Page 1 of 1

REPORT RESULTS TO
Contact Name Bill Flynn
Company SERVICE Engr Group
Mailing Address 675 Vandalia St
City, State, Zip St Paul, MN 55114
Telephone # 651-644-6680 Fax # 651-644-7008
E-mail billf@servicegrp.com

Project ID/Project Name 05017-0207
P.O. # 05500

SEND INVOICE TO
Contact Name JoAnn Olson
Company
Address
City, State, Zip Same
Telephone #
Fax #

Special Instructions and/or Specific Regulatory Requirements:
(method, limit of detection, petrofund, reporting units)
Decant or filter line Item 1 prior to analysis.
Filter line Items 2-4 with appropriate sub-micron filter prior to analysis.

ANALYSIS REQUESTED
(Enter an 'X' in the box below to indicate request)

	CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)	Number of Containers	Metals Field Filtered Y/N	VOCs	PAHs	Hexachlorobenzene	Phenol	Mercury	DOC	TOC	TSS		FOR LAB USE ONLY
1	70015-10Q-PO	12/08/05	08:00	Slurry		3	N	X									-01
2						2			X	X	X						
3						1						X					
4						1							X				
5						1								X			
6	70015-10Q-PO		08:00	Slurry		1									X		
7	70015-1M-PR		09:00	Soil		1		X									-02
8	70015-1M-PR		09:00	Soil		1			X	X	X						
9	70015-1M-PR		09:00	Soil		1						X					
10	70015-10Q-DCN		09:40	Water		3		X									-03
11	70015-10Q-DCN		09:40	Water		2			X	X	X						
12	70015-10Q-DCN		09:40	Water		1						X					
13	70015-1M-PR		09:52	Slurry		1								X			-04
14	70015-1M-PR	12/08/05	09:52	Slurry		1									X		
15	Trip Blank					1	N										-05

CHAIN OF CUSTODY
Collected by: (Print) William A. Flynn Jr.
Relinquished by: [signature] Date/Time 12/8 11:50
Relinquished by: Date/Time
Collector's Signature: [signature]
Received by: Date/Time
Received Contents Not Verified: Date/Time
Received Contents Verified: [signature] Date/Time 12/8/05 11:30
Comments:

Custody Seal Intact ☐ Yes ☐ No ☑ N/A
On Ice ☐ Yes ☑ No
Temp Blank ☐ Yes ☑ No
Temp: 13.2 °C

Form # CS02.01 F:\Groups\QA-QC\Forms\clientservices\COC-CS02 Effective Date: 7/22/05

BRAUN INTERTEC

Braun Intertec Corporation
11001 Hampshire Avenue S
Minneapolis, MN 55438

Phone: 952.995.2000
Fax: 952.995.2020
Web: brauninterteс.com

Mr. Bill Flynn
Service Engineering Group
675 Vandalia Street
St. Paul, MN 55114-1312

January 04, 2006

Work Order #: 0506454

RE: 05500

Dear Mr. Bill Flynn

Braun Intertec Corporation received samples for the project identified above on 12/08/05 11:30. Analytical results are summarized in the following report.

All routine quality assurance procedures were followed, unless otherwise noted.

Where possible, the samples will be retained by the laboratory for 14 days following issuance of the initial final report. The samples will be disposed of or returned at that time.

We appreciate your decision to use Braun Intertec Corporation for this project. We are committed to being your vendor of choice to meet your analytical chemistry needs.

If you have any questions please contact me at the above phone number.

Sincerely,
BRAUN INTERTEC CORPORATION

Steven J. Albrecht
Associate Principal

AIHA Environmental Lead and Industrial Hygiene ACCREDITED LABORATORY
AIHA 101103

Providing engineering and environmental solutions since 1957

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:	05500	Work Order #:	0506454
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

Qualifiers and Abbreviations

ir	The recovery study yielded results of <75%. Per the NIOSH Manual of Analytical Methods, the result is considered semi-quantitative.
ia	The back section of the sample tube contained greater than 10 percent of the amount collected on the front section. This indicates possible analyte breakthrough (loss) during field sampling.
A1	The Laboratory Control Spike Duplicate was outside of laboratory limits. The LCSD recovery was 123%. The results may be biased high.
COC	Chain of Custody
MRL	Method Reporting Limit
ppm	Parts per million in Air
NA	Not Applicable
NR	Not Reported
%Rec	Percent Recovery
RPD	Relative Percent Difference

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11001 Hampshire Ave. S.
Bloomington, MN 55438
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952-995-2020 Fax

Service Engineering Group	Client Ref: 05500	Work Order #: 0506454
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

SAMPLE SUMMARY

Sample ID	Laboratory ID	Matrix	Air Volume (L) / Time (Min)	Date Sampled	Date Received
70015-10Q-(0-2)	0506454-01	Air Tube	300	12/07/05 11:54	12/08/05 11:30
70015-10Q-(0-2)	0506454-02	Air Tube	301.2	12/07/05 11:54	12/08/05 11:30
70015-10Q-(0-2)	0506454-03	Air	303.6	12/07/05 11:54	12/08/05 11:30
70015-10Q-(0-2)	0506454-04	Air Tube	301.2	12/07/05 11:54	12/08/05 11:30
70015-10Q-(0-2)	0506454-05	Air Tube	304.8	12/07/05 11:54	12/08/05 11:30
70015-10Q-(2-6)	0506454-06	Air Tube	600	12/07/05 16:00	12/08/05 11:30
70015-10Q-(2-6)	0506454-07	Air Tube	602.4	12/07/05 16:00	12/08/05 11:30
70015-10Q-(2-6)	0506454-08	Air	607.2	12/07/05 16:00	12/08/05 11:30
70015-10Q-(2-6)	0506454-09	Air Tube	602.4	12/07/05 16:00	12/08/05 11:30
70015-10Q-(2-6)	0506454-10	Air Tube	609.6	12/07/05 16:00	12/08/05 11:30
70015-10Q-(6-22)	0506454-11	Air Tube	2400	12/08/05 07:54	12/08/05 11:30
70015-10Q-(6-22)	0506454-12	Air Tube	2410	12/08/05 07:54	12/08/05 11:30
70015-10Q-(6-22)	0506454-13	Air	2429	12/08/05 07:54	12/08/05 11:30
70015-10Q-(6-22)	0506454-14	Air Tube	2410	12/08/05 07:54	12/08/05 11:30
70015-10Q-(6-22)	0506454-15	Air Tube	2438	12/08/05 07:54	12/08/05 11:30

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952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref: 05500	Work Order #: 0506454
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-10Q-(0-2)

0506454-01 (Air Tube)

12/7/05 11:54

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
1,2,3-Trichlorobenzene	**20.2**	11.7	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,2,4-Trichlorobenzene	< 11.3	11.3	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,3,5-Trichlorobenzene	< 11.7	11.7	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,4-Dichlorobenzene	< 11.6	11.6	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,1,1-Trichloroethane	< 9.71	9.71	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
2-Ethoxyethyl Acetate	< 12.3	12.3	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Acetone	< 11.0	11.0	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Benzene	**14.6**	4.95	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Chlorobenzene	< 10.2	10.2	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Chloroform	**13.8**	10.2	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Ethanol	< 14.3	14.3	ug/m³	1	12/13/05	12/16/05	IHVOCS1	ir
Ethyl Acetate	< 10.2	10.2	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Ethyl Benzene	< 9.80	9.80	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Isobutanol	< 11.5	11.5	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Isopropanol	**13.5**	12.8	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Methyl Ethyl Ketone	< 11.2	11.2	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Methyl Isobutyl Ketone	< 10.2	10.2	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Methylene Chloride	< 9.80	9.80	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
n-Butyl Acetate	< 10.1	10.1	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
n-Hexane	**11.2**	9.71	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Stoddard Solvent	**210**	49.5	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Styrene	< 13.0	13.0	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Tetrachloroethene	< 9.90	9.90	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Tetrahydrofuran	**12.2**	10.2	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Toluene	**36.8**	10.1	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
TPH as Gasoline	**650**	51.0	ug/m³	1	12/13/05	12/16/05	IHVOCS1	ia
Trichloroethene	**32.6**	10.0	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
VM&P Naphtha	< 48.1	48.1	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Xylenes, Total	**15.5**	10.0	ug/m³	1	12/13/05	12/16/05	IHVOCS1	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506454
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

70015-10Q-(0-2)

0506454-02 (Air Tube)

12/7/05 11:54

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Acenaphthene	< 3.67	3.67	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Acenaphthylene	< 3.38	3.38	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Anthracene	< 3.66	3.66	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Benz(a)anthracene	< 3.96	3.96	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Benzo(a)pyrene	< 4.19	4.19	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Benzo(b)fluoranthene	< 4.14	4.14	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Benzo(g,h,i)perylene	< 5.12	5.12	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Benzo(k)fluoranthene	< 4.19	4.19	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Chrysene	< 3.98	3.98	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Dibenz(a,h)anthracene	< 4.27	4.27	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Fluoranthene	< 3.79	3.79	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Fluorene	< 3.60	3.60	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Indeno(1,2,3-cd)pyrene	< 4.50	4.50	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Naphthalene	**5.70**	3.68	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	ia
Phenanthrene	< 3.68	3.68	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Pyrene	< 3.85	3.85	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506454
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

70015-10Q-(0-2)

0506454-03 (Air)

12/7/05 11:54

Metals

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Mercury	< 0.066	0.066	ug/m³	1	12/15/05	12/15/05	OSHA ID-145	

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Service Engineering Group	Client Ref: 05500	Work Order #: 0506454
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-10Q-(0-2)

0506454-04 (Air Tube)

12/7/05 11:54

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Hexachlorobenzene	< 3.65	3.65	ug/m³	1	12/12/05	12/14/05	IHVOCS	A1

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952-995-2020 Fax

Service Engineering Group	Client Ref:	05500	Work Order #:	0506454
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

70015-10Q-(0-2)

0506454-05 (Air Tube)

12/7/05 11:54

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Phenol	< 8.54	8.54	ug/m³	1	12/28/05	12/29/05	NIOSH 2546	

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11001 Hampshire Ave. S.
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952-995-2020 Fax

Service Engineering Group	Client Ref: 05500	Work Order #: 0506454
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-10Q-(2-6)

0506454-06 (Air Tube)

12/7/05 16:00

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
1,2,3-Trichlorobenzene	< 5.87	5.87	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,2,4-Trichlorobenzene	< 5.63	5.63	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,3,5-Trichlorobenzene	< 5.83	5.83	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,4-Dichlorobenzene	< 5.79	5.79	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,1,1-Trichloroethane	< 4.85	4.85	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
2-Ethoxyethyl Acetate	< 6.17	6.17	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Acetone	**6.16**	5.49	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Benzene	**11.0**	2.48	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Chlorobenzene	< 5.10	5.10	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Chloroform	**10.1**	5.10	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Ethanol	< 7.14	7.14	ug/m³	1	12/13/05	12/16/05	IHVOCS1	ir
Ethyl Acetate	< 5.10	5.10	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Ethyl Benzene	**5.65**	4.90	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Isobutanol	< 5.75	5.75	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Isopropanol	**9.72**	6.41	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Methyl Ethyl Ketone	**12.0**	5.62	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Methyl Isobutyl Ketone	< 5.10	5.10	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Methylene Chloride	< 4.90	4.90	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
n-Butyl Acetate	< 5.05	5.05	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
n-Hexane	**10.3**	4.85	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Stoddard Solvent	**173**	24.8	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Styrene	< 6.49	6.49	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Tetrachloroethene	< 4.95	4.95	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Tetrahydrofuran	**12.3**	5.10	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Toluene	**32.3**	5.05	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
TPH as Gasoline	**565**	25.5	ug/m³	1	12/13/05	12/16/05	IHVOCS1	ia
Trichloroethene	**18.0**	5.00	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
VM&P Naphtha	< 24.0	24.0	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Xylenes, Total	**27.9**	5.00	ug/m³	1	12/13/05	12/16/05	IHVOCS1	

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:	05500	Work Order #:	0506454
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

70015-10Q-(2-6)

0506454-07 (Air Tube)

12/7/05 16:00

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Acenaphthene	< 1.83	1.83	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Acenaphthylene	< 1.69	1.69	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Anthracene	< 1.83	1.83	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Benz(a)anthracene	< 1.98	1.98	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Benzo(a)pyrene	< 2.09	2.09	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Benzo(b)fluoranthene	< 2.07	2.07	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Benzo(g,h,i)perylene	< 2.56	2.56	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Benzo(k)fluoranthene	< 2.10	2.10	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Chrysene	< 1.99	1.99	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Dibenz(a,h)anthracene	< 2.13	2.13	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Fluoranthene	< 1.89	1.89	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Fluorene	< 1.80	1.80	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Indeno(1,2,3-cd)pyrene	< 2.25	2.25	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Naphthalene	**4.63**	1.84	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	ia
Phenanthrene	< 1.84	1.84	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Pyrene	< 1.92	1.92	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506454
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

70015-10Q-(2-6)

0506454-08 (Air)

12/7/05 16:00

Metals

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Mercury	< 0.033	0.033	ug/m³	1	12/15/05	12/15/05	OSHA ID-145	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506454
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

70015-10Q-(2-6)

0506454-09 (Air Tube)

12/7/05 16:00

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Hexachlorobenzene	< 1.82	1.82	ug/m³	1	12/12/05	12/14/05	IHVOCS	A1

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506454
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

70015-10Q-(2-6)

0506454-10 (Air Tube)

12/7/05 16:00

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Phenol	< 4.27	4.27	ug/m³	1	12/28/05	12/29/05	NIOSH 2546	

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Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref: 05500	Work Order #: 0506454
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-10Q-(6-22)

0506454-11 (Air Tube)

12/8/05 7:54

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
1,2,3-Trichlorobenzene	< 1.47	1.47	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,2,4-Trichlorobenzene	< 1.41	1.41	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,3,5-Trichlorobenzene	**2.02**	1.46	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,4-Dichlorobenzene	**2.40**	1.45	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,1,1-Trichloroethane	**1.68**	1.21	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
2-Ethoxyethyl Acetate	< 1.54	1.54	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Acetone	**4.22**	1.37	ug/m³	1	12/13/05	12/16/05	IHVOCS1	ia
Benzene	**7.70**	0.619	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Chlorobenzene	< 1.28	1.28	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Chloroform	**14.2**	1.28	ug/m³	1	12/13/05	12/16/05	IHVOCS1	ia
Ethanol	< 1.79	1.79	ug/m³	1	12/13/05	12/16/05	IHVOCS1	ir
Ethyl Acetate	**1.93**	1.28	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Ethyl Benzene	**4.03**	1.23	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Isobutanol	< 1.44	1.44	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Isopropanol	**4.39**	1.60	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Methyl Ethyl Ketone	**8.92**	1.40	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Methyl Isobutyl Ketone	< 1.28	1.28	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Methylene Chloride	**2.65**	1.23	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
n-Butyl Acetate	< 1.26	1.26	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
n-Hexane	**8.35**	1.21	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Stoddard Solvent	**153**	6.19	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Styrene	< 1.62	1.62	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Tetrachloroethene	**6.66**	1.24	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Tetrahydrofuran	**6.73**	1.28	ug/m³	1	12/13/05	12/16/05	IHVOCS1	ia
Toluene	**23.4**	1.26	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
TPH as Gasoline	**361**	6.38	ug/m³	1	12/13/05	12/16/05	IHVOCS1	ia
Trichloroethene	**8.99**	1.25	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
VM&P Naphtha	< 6.01	6.01	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Xylenes, Total	**19.8**	1.25	ug/m³	1	12/13/05	12/16/05	IHVOCS1	

BRAUN INTERTEC

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Bloomington, MN 55438
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Service Engineering Group	Client Ref:	05500	Work Order #:	0506454
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

70015-10Q-(6-22)

0506454-12 (Air Tube)

12/8/05 7:54

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Acenaphthene	< 0.458	0.458	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Acenaphthylene	< 0.423	0.423	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Anthracene	< 0.457	0.457	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Benz(a)anthracene	< 0.495	0.495	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Benzo(a)pyrene	< 0.523	0.523	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Benzo(b)fluoranthene	< 0.517	0.517	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Benzo(g,h,i)perylene	< 0.639	0.639	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Benzo(k)fluoranthene	< 0.524	0.524	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Chrysene	< 0.497	0.497	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Dibenz(a,h)anthracene	< 0.533	0.533	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Fluoranthene	< 0.473	0.473	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Fluorene	< 0.450	0.450	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Indeno(1,2,3-cd)pyrene	< 0.562	0.562	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Naphthalene	**2.18**	0.460	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	ia
Phenanthrene	< 0.460	0.460	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	
Pyrene	< 0.481	0.481	ug/m³	1	12/15/05	12/16/05	NIOSH 5506	

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:	05500	Work Order #:	0506454
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

70015-10Q-(6-22)

0506454-13 (Air)

12/8/05 7:54

Metals

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Mercury	< 0.0082	0.0082	ug/m³	1	12/15/05	12/15/05	OSHA ID-145	

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Bloomington, MN 55438
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Service Engineering Group	Client Ref:	05500	Work Order #:	0506454
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

70015-10Q-(6-22)

0506454-14 (Air Tube)

12/8/05 7:54

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Hexachlorobenzene	< 0.456	0.456	ug/m³	1	12/12/05	12/14/05	IHVOCS	A1

The results in this report apply only to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:	05500	Work Order #:	0506454
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

70015-10Q-(6-22)

0506454-15 (Air Tube)

12/8/05 7:54

Organic Compounds

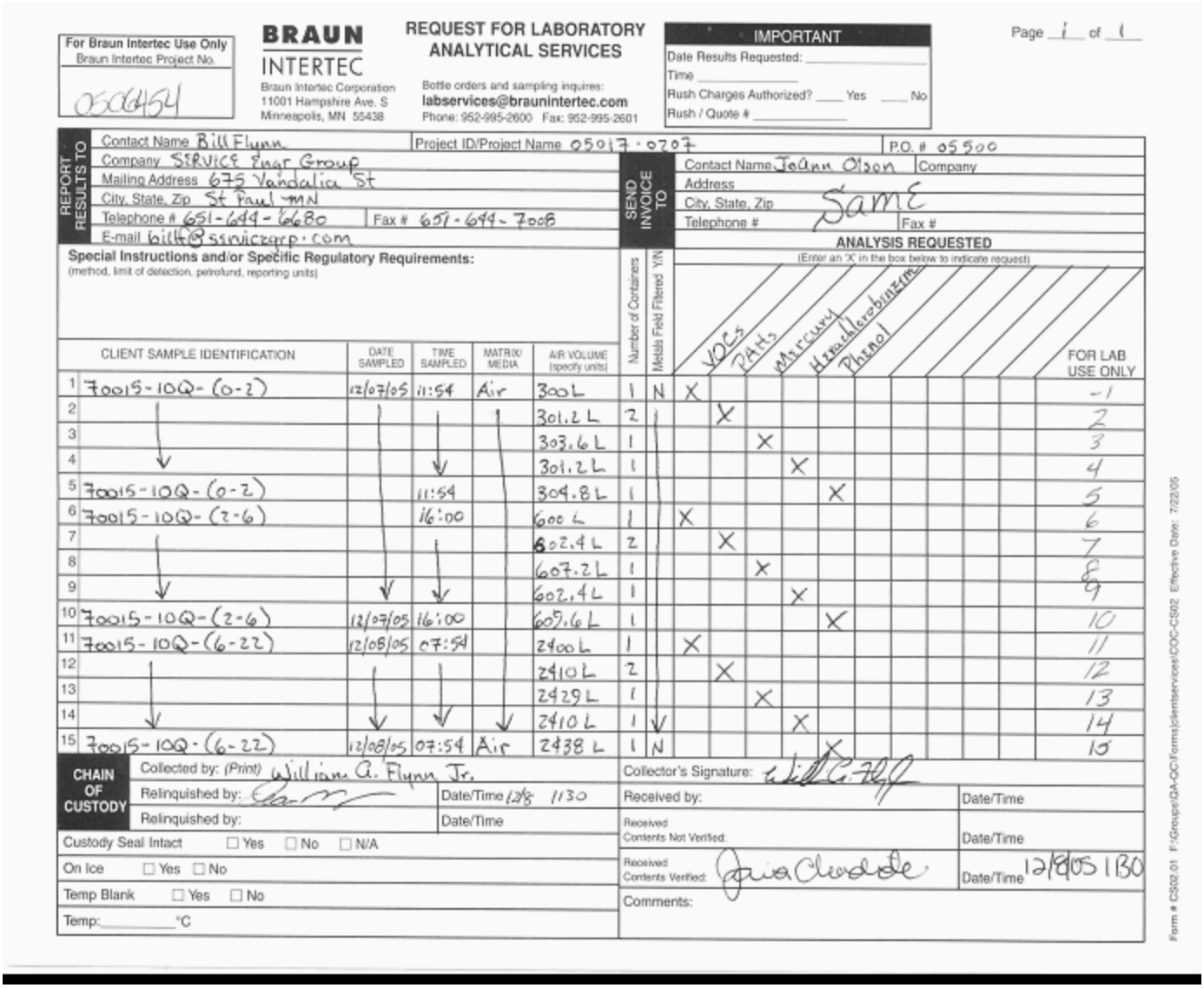
Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Phenol	**1.22**	1.07	ug/m³	1	12/28/05	12/29/05	NIOSH 2546	

The results in this report apply only to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref: 05500	Work Order #: 0506454
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003



BRAUN INTERTEC

REQUEST FOR LABORATORY ANALYTICAL SERVICES

Page 1 of 1

For Braun Intertec Use Only
Braun Intertec Project No.
0506454

Braun Intertec Corporation
11001 Hampshire Ave. S
Minneapolis, MN 55438

Bottle orders and sampling inquires:
labservices@braunintertec.com
Phone: 952-995-2600 Fax: 952-995-2601

IMPORTANT
Date Results Requested:
Time
Rush Charges Authorized? ___ Yes ___ No
Rush / Quote #

REPORT RESULTS TO
Contact Name Bill Flynn
Company Service Engr Group
Mailing Address 675 Vandalia St
City, State, Zip St Paul MN
Telephone # 651-699-6680 Fax # 651-699-7008
E-mail billf@serviceeng.com

Project ID/Project Name 05017-0707
P.O. # 05500

SEND INVOICE TO
Contact Name JoAnn Olson Company
Address
City, State, Zip Same
Telephone # Fax #

Special Instructions and/or Specific Regulatory Requirements:
(method, limit of detection, petrofund, reporting units)

ANALYSIS REQUESTED
(Enter an 'X' in the box below to indicate request)

	CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)	Number of Containers	Metals Field Filtered Y/N	VOCs	PAHs	Mercury	Hexachlorobenzene	Phenol	FOR LAB USE ONLY
1	70015-10Q-(0-2)	12/07/05	11:54	Air	300L	1	N	X					-1
2					301.2L	2			X				2
3					303.6L	1				X			3
4					301.2L	1					X		4
5	70015-10Q-(0-2)		11:54		309.8L	1						X	5
6	70015-10Q-(2-6)		16:00		600L	1		X					6
7					602.4L	2			X				7
8					607.2L	1				X			8
9					602.4L	1					X		9
10	70015-10Q-(2-6)	12/07/05	16:00		607.6L	1						X	10
11	70015-10Q-(6-22)	12/08/05	07:54		2400L	1		X					11
12					2410L	2			X				12
13					2429L	1				X			13
14					2410L	1					X		14
15	70015-10Q-(6-22)	12/08/05	07:54	Air	2438L	1	N					X	15

CHAIN OF CUSTODY
Collected by: (Print) William A. Flynn Jr.
Relinquished by: Date/Time 12/8 1130
Relinquished by: Date/Time

Collector's Signature:
Received by: Date/Time
Received Contents Not Verified: Date/Time
Received Contents Verified: Date/Time 12/8/05 1130

Custody Seal Intact ☐ Yes ☐ No ☐ N/A
On Ice ☐ Yes ☐ No
Temp Blank ☐ Yes ☐ No
Temp: °C

Comments:

Form # CS02.01 F:\Groups\QA-QC\Forms\clientservices\COC-CS02 Effective Date: 7/22/05

BRAUN INTERTEC

Braun Intertec Corporation
11001 Hampshire Avenue S
Minneapolis, MN 55438

Phone: 952.995.2000
Fax: 952.995.2020
Web: brauntintertec.com

Mr. Bill Flynn
Service Engineering Group
675 Vandalia Street
St. Paul, MN 55114-1312

December 27, 2005

Work Order #: 0506487

RE: 05500

Dear Mr. Bill Flynn

Braun Intertec Corporation received samples for the project identified above on 12/09/05 11:50. Analytical results are summarized in the following report.

All routine quality assurance procedures were followed, unless otherwise noted.

Analytical results are reported on an "as received" basis unless otherwise noted. Where possible, the samples will be retained by the laboratory for 14 days following issuance of the initial final report. The samples will be disposed of or returned at that time. Arrangements can be made for extended storage by contacting me at this time.

We appreciate your decision to use Braun Intertec Corporation for this project. We are committed to being your vendor of choice to meet your analytical chemistry needs.

If you have any questions please contact me at the above phone number.

Sincerely,

Steven J. Albrecht

Steven J. Albrecht
Associate Principal

Certification/Accreditation Numbers

Minnesota Department of Health: 027-053-117 Wisconsin DNR: 999462640 NVLAP: 1021234-0 AIHA: 101103

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:05500	Work Order #: 0506487
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

How to Use this Report

In order to get the most out of the information presented in this report please refer to the following explanations as to how the data in this report is tied together and how some of the terms are defined.

Qualifiers and Abbreviations are defined in the following section. You will find these codes used throughout the report in headers and in note sections to designate a unique fact about the data to which they are associated.

The Case Narrative gives a "story" about the analysis and results. Here you will find greater elaboration on relevant qualifiers as well as an explanation of anything of particular note in the data. This is a discussion of the data in terms of quality control and chemistry. It is a summary of any deviations that could affect the usefulness of the data. This is not an interpretation as to how this information relates to regulatory compliance, toxicity, or hazardous characterization. These items are beyond the scope of this report.

The Sample Summary provides detail on sample receipt. The association between Client sample ID and the Laboratory sample ID are defined here; this information is valuable to have when discussing results with your project manager. Sample collection and receipt dates and times are provided here as well. General notes regarding the work order are also documented here. This is a mini "case narrative" that describes any anomalies regarding the condition of the samples upon arrival to the laboratory or special circumstances regarding the work order.

The Conditions Upon Receipt summarizes the results of specific checks that have been performed at sample receipt. This includes items like custody documentation, sample condition, and temperature at receipt. Each "cooler" is identified and the conditions associated with that cooler are documented. A "cooler" is defined as the larger container used to transport the individual samples. In most cases this is a standard recreational cooler but it can be a box, plastic bag, or other container.

The laboratory results are summarized in the following sections. Data is broken down into major categories for convenience. An example of such a category would be "Total Petroleum Hydrocarbons." Here you would find data that references the testing of such parameters as diesel range organics and gasoline range organics. Other categories are similarly mapped. The batch number is associated with each sample. This is important to evaluate Quality Control (QC) data. Surrogate results samples are provided with each sample. Laboratory control limits are provided for comparison (see below). The reference method is also identified. If a method is denoted with an "M" (e.g. EPA 1234(M)) this means that it has been modified. An explanation of the modification will be found in the Case Narrative. A result is given with appropriate units. If a soil sample is dry-weight corrected then the word "dry" will appear next to the units. If the word "dry" does not appear then the result is "as received."

The Method Reporting Limit (MRL) and Method Detection Limit (MDL) are provided. It is important to understand these terms. The MRL is a level that has been empirically verified to provide reliable quantitation of results. Results that are equal to or greater than this value will show up as bolded. They are considered "hits." The MDL is a statistically derived number that indicates, with high confidence, that an analyte can be detected above noise level. If a result is less than this value it is marked as "ND" for "Non-Detect." If a result is less than the MRL but greater than the MDL then it is considered an estimate. Such a result is reported with a "J" flag denoting that it has been detected but that the result is an estimate. This is consistent with the *CLP Statement of Work* and the *National Functional Guidelines.*

The Quality Control (QC) samples are documented in the following section. Here you will find the preparation batches associated with each sample from the results section. The sample preparation method is also defined here. Accuracy is represented here in terms of a percent recovery as compared to a known value. Precision is represented as a relative percent difference between two duplicate sample aliquots. The laboratory control limits are provided as a means to evaluate the quality control data. If the result falls outside the laboratory control limits this simply means that it is outside what is typical for the laboratory and is noted accordingly. This does not mean that the data is invalid. Laboratory control limits are generally tighter than most program limits. This is a very important distinction. How the data is ultimately used determines its validity. Program requirements are defined in the Quality Assurance Project Plan (QAPP) governing the project. If your project manager is aware of your specific program requirements then a note will be made in the case narrative if the data fails to meet any of these requirements.

The last section contains copies of important documents and/or instrument printouts relavent to the report. This includes the chain of custody. It also may include items like chromatograms or spectra.

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11001 Hampshire Ave. S.
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952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:05500	Work Order #: 0506487
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Qualifiers and Abbreviations

vfa	The method reporting limit (MRL) was raised for one or more analytes; a dilution of the sample was necessary due to high analyte levels and/or matrix interferences.
ts	This analysis was performed by a subcontract laboratory.
J	Detected but below the Method Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
COC	Chain of Custody
dry	Sample results reported on a dry weight basis
MDL	Method Detection Limit
MRL	Method Reporting Limit
NA	Not Applicable
ND	Analyte NOT DETECTED
NR	Not Reported
%Rec	Percent Recovery
RPD	Relative Percent Difference
VOC	Volatile Organic Compound

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

SAMPLE SUMMARY

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
70015-1M-PO	0506487-01	Water	12/09/05 08:00	12/09/05 11:50
70015-1Q-PR	0506487-02	Water	12/09/05 09:47	12/09/05 11:50
70015-1M-DCN	0506487-03	Water	12/09/05 09:30	12/09/05 11:50
Trip Blank	0506487-04	Water	12/09/05 00:00	12/09/05 11:50

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Conditions Upon Receipt

Cooler: Cooler #1

Temperature:	13.7 °C	**Received on Ice:**	No	**Preservation Confirmed:**	Yes
COC Included:	Yes	**Hand Delivered by Sampler:**	Yes	**Temperature Blank:**	No
Custody Seals Used:	No	**Sufficient Sample Provided:**	Yes	**COC Complete:**	Yes
Custody Seals Intact:	No	**Headspace Present (VOC):**	No	**COC & Labels Agree:**	Yes

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70015-1M-PO

0506487-01 (Water)

12/9/05 8:00

Classical Chemistry Parameters

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Total Suspended Solids	**2400**	5.0	3.6	mg/L	B5L0264	12/15/05	12/16/05	EPA 160.2	
Dissolved Organic Carbon	**6.7**	1.5	0.50	mg/L	B5L0342	12/16/05	12/16/05	ASTM D5373	ts
Total Organic Carbon	**12**	1.5	0.50	mg/L	B5L0342	12/16/05	12/16/05	EPA 9060	ts

Metals

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Mercury, Dissolved	ND	0.20	0.011	ug/L	B5L0207	12/13/05	12/14/05	EPA 7470A	

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,2,4-Trichlorobenzene	4.1 J	5.7	0.38	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
1,2-Dichlorobenzene	**8.7**	5.7	0.30	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
1,2-Diphenylhydrazine	ND	5.7	0.42	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
1,3-Dichlorobenzene	3.4 J	5.7	0.34	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
1,4-Dichlorobenzene	**32**	5.7	0.33	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
2,4,5-Trichlorophenol	ND	5.7	0.17	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
2,4,6-Trichlorophenol	ND	5.7	0.26	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
2,4-Dichlorophenol	0.99 J	11	0.32	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
2,4-Dimethylphenol	ND	5.7	0.45	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
2,4-Dinitrophenol	ND	5.7	1.1	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
2,4-Dinitrotoluene	ND	5.7	0.23	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
2,6-Dinitrotoluene	ND	5.7	0.66	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
2-Chloronaphthalene	ND	5.7	0.34	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
2-Chlorophenol	ND	11	0.72	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
2-Methylnaphthalene	ND	5.7	0.45	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
2-Methylphenol	ND	11	2.8	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
2-Nitroaniline	ND	5.7	0.53	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
2-Nitrophenol	ND	11	0.61	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
3,3-Dichlorobenzidine	ND	5.7	0.61	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
3-/4-Methylphenol	ND	11	0.31	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
3-Nitroaniline	ND	5.7	0.75	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-1M-PO

0506487-01 (Water)

12/9/05 8:00

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
4,6-Dinitro-2-methylphenol	ND	5.7	0.80	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
4-Bromophenyl phenyl ether	ND	5.7	0.27	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
4-Chloro-3-methylphenol	ND	5.7	0.27	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
4-Chloroaniline	ND	5.7	0.67	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	2.3	0.28	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
4-Nitroaniline	ND	5.7	0.38	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
4-Nitrophenol	ND	5.7	0.93	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Acenaphthene	**13**	2.3	0.30	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Acenaphthylene	0.84 J	2.3	0.21	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Aniline	ND	5.7	1.0	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Anthracene	1.8 J	2.3	0.24	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Benz(a)anthracene	ND	2.3	0.80	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Benzo(a)pyrene	ND	2.3	0.88	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Benzo(b)fluoranthene	ND	2.3	0.48	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Benzo(g,h,i)perylene	ND	2.3	0.76	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Benzo(k)fluoranthene	ND	2.3	0.85	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Benzyl alcohol	ND	11	0.36	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
bis(2-Chloroethoxy)methane	ND	5.7	0.38	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Bis(2-Chloroethyl)ether	ND	5.7	0.47	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Bis(2-chloroisopropyl)ether	ND	5.7	0.36	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Bis(2-Ethylhexyl)phthalate	ND	5.7	1.7	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Butyl benzyl phthalate	ND	5.7	0.35	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Carbazole	**15**	5.7	0.39	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Chrysene	ND	2.3	0.80	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Dibenz(a,h)anthracene	ND	2.3	0.89	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Dibenzofuran	**6.1**	5.7	0.31	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Diethylphthalate	ND	5.7	0.34	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Dimethyl phthalate	ND	5.7	0.24	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Di-n-butyl phthalate	ND	5.7	0.54	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506487
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-1M-PO

0506487-01 (Water)

12/9/05 8:00

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Di-n-octyl phthalate	ND	5.7	0.90	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Fluoranthene	1.2 J	2.3	0.29	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Fluorene	**7.1**	2.3	0.52	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Hexachlorobenzene	ND	5.7	0.28	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Hexachlorobutadiene	ND	5.7	0.35	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Hexachlorocyclopentadiene	ND	5.7	0.31	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Hexachloroethane	ND	5.7	0.40	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Indeno(1,2,3-cd)pyrene	ND	2.3	0.88	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Isophorone	ND	5.7	0.24	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Naphthalene	ND	5.7	0.36	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Nitrobenzene	ND	5.7	0.30	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
N-Nitrosodimethylamine	ND	5.7	0.29	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
N-Nitrosodi-n-propylamine	ND	5.7	0.35	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
N-Nitrosodiphenylamine	ND	5.7	0.35	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Pentachlorophenol	ND	5.7	0.62	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Phenanthrene	**7.3**	2.3	0.23	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Phenol	ND	11	2.4	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Pyrene	0.66 J	2.3	0.57	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Pyridine	ND	11	2.8	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Surrogate: 2,4,6-Tribromophenol	*74.8 %*	*Limits: 65-100%*			*B5L0225*	*12/14/05*	*12/15/05*	*EPA 8270C*	
Surrogate: 2-Fluorobiphenyl	*63.0 %*	*Limits: 59-101%*			*B5L0225*	*12/14/05*	*12/15/05*	*EPA 8270C*	
Surrogate: 2-Fluorophenol	*38.7 %*	*Limits: 30-75%*			*B5L0225*	*12/14/05*	*12/15/05*	*EPA 8270C*	
Surrogate: Nitrobenzene-d5	*57.4 %*	*Limits: 57-101%*			*B5L0225*	*12/14/05*	*12/15/05*	*EPA 8270C*	
Surrogate: Phenol-d6	*37.7 %*	*Limits: 30-75%*			*B5L0225*	*12/14/05*	*12/15/05*	*EPA 8270C*	
Surrogate: Terphenyl-d14	*70.1 %*	*Limits: 65-100%*			*B5L0225*	*12/14/05*	*12/15/05*	*EPA 8270C*	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-1M-PO

0506487-01 (Water)

12/9/05 8:00

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,1,2-Tetrachloroethane	ND	2.0	0.28	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
1,1,1-Trichloroethane	ND	2.0	0.10	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
1,1,2,2-Tetrachloroethane	ND	2.0	0.47	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
1,1,2-Trichloroethane	ND	2.0	0.40	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
1,1,2-Trichlorotrifluoroethane	ND	2.0	0.23	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
1,1-Dichloroethane	ND	2.0	0.11	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
1,1-Dichloroethene	ND	2.0	0.17	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
1,1-Dichloropropene	ND	2.0	0.15	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
1,2,3-Trichlorobenzene	ND	2.0	0.22	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
1,2,3-Trichloropropane	ND	2.0	0.60	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
1,2,4-Trichlorobenzene	**17**	2.0	0.29	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
1,2,4-Trimethylbenzene	ND	2.0	0.14	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
1,2-Dibromo-3-chloropropane	ND	2.0	0.81	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
1,2-Dibromoethane	ND	2.0	0.13	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
1,2-Dichlorobenzene	**27**	2.0	0.24	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
1,2-Dichloroethane	ND	2.0	0.11	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
1,2-Dichloropropane	ND	2.0	0.10	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
1,3,5-Trimethylbenzene	**11**	2.0	0.19	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
1,3-Dichlorobenzene	**10**	2.0	0.17	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
1,3-Dichloropropane	ND	2.0	0.25	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
1,4-Dichlorobenzene	**90**	2.0	0.24	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
2,2-Dichloropropane	ND	2.0	0.21	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
2-Butanone (MEK)	ND	20	2.7	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
2-Chlorotoluene	ND	2.0	0.39	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
4-Chlorotoluene	ND	2.0	0.26	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
4-Isopropyltoluene	**3.0**	2.0	0.12	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
Acetone	ND	40	3.1	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
Allyl Chloride	ND	2.0	0.52	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
Benzene	ND	2.0	0.090	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa

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952-995-2000 Phone
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Service Engineering Group	Client Ref:05500	Work Order #: 0506487
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-1M-PO

0506487-01 (Water)

12/9/05 8:00

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Bromobenzene	ND	2.0	0.30	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
Bromochloromethane	ND	2.0	0.42	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
Bromodichloromethane	ND	2.0	0.21	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
Bromoform	ND	10	0.26	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
Bromomethane	ND	2.0	0.27	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
Carbon Tetrachloride	ND	2.0	0.11	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
Chlorobenzene	**27**	2.0	0.084	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
Chlorodibromomethane	ND	2.0	0.056	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
Chloroethane	ND	2.0	0.22	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
Chloroform	ND	2.0	0.23	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
Chloromethane	**5.3**	2.0	0.40	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
cis-1,2-Dichloroethene	ND	2.0	0.21	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
cis-1,3-Dichloropropene	ND	2.0	0.082	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
Dibromomethane	ND	2.0	0.40	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
Dichlorodifluoromethane	ND	2.0	0.25	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
Dichlorofluoromethane	ND	2.0	0.21	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
Ethyl Ether	ND	2.0	0.61	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
Ethylbenzene	**2.8**	2.0	0.21	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
Hexachlorobutadiene	ND	4.0	0.49	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
Isopropylbenzene	**4.1**	2.0	0.13	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
m,p-Xylenes	ND	2.0	0.25	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
Methyl Isobutyl Ketone	ND	10	0.83	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
Methylene chloride	ND	10	1.3	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
Methyl-t-butyl ether	ND	2.0	0.24	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
Naphthalene	**9.9**	2.0	0.20	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
n-Butylbenzene	ND	2.0	0.24	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
n-Propylbenzene	ND	2.0	0.21	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
o-Xylene	**4.4**	2.0	0.28	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
sec-Butylbenzene	**21**	2.0	0.084	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa

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Service Engineering Group	Client Ref:05500	Work Order #: 0506487
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-1M-PO

0506487-01 (Water)

12/9/05 8:00

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Styrene	ND	2.0	0.094	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
tert-Butylbenzene	ND	2.0	0.20	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
Tetrachloroethene	ND	4.0	0.38	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
Tetrahydrofuran	ND	10	2.3	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
Toluene	**3.4**	2.0	0.34	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
trans-1,2-Dichloroethene	ND	2.0	0.27	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
trans-1,3-Dichloropropene	ND	2.0	0.24	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
Trichloroethene	ND	2.0	0.15	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
Trichlorofluoromethane	ND	2.0	0.38	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
Vinyl chloride	ND	2.0	0.50	ug/L	B5L0310	12/14/05	12/16/05	EPA 8260B	vfa
Surrogate: 1,2-Dichloroethane-d4	*101 %*	*Limits: 82-128%*			*B5L0310*	*12/14/05*	*12/16/05*	*EPA 8260B*	*vfa*
Surrogate: 4-Bromofluorobenzene	*104 %*	*Limits: 76-119%*			*B5L0310*	*12/14/05*	*12/16/05*	*EPA 8260B*	*vfa*
Surrogate: Dibromofluoromethane	*96.8 %*	*Limits: 79-127%*			*B5L0310*	*12/14/05*	*12/16/05*	*EPA 8260B*	*vfa*
Surrogate: Toluene-d8	*96.8 %*	*Limits: 82-116%*			*B5L0310*	*12/14/05*	*12/16/05*	*EPA 8260B*	*vfa*

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Service Engineering Group	Client Ref:05500	Work Order #: 0506487
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-1Q-PR

0506487-02 (Water)

12/9/05 9:47

Classical Chemistry Parameters

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Total Suspended Solids	**5600**	5.0	3.6	mg/L	B5L0264	12/15/05	12/16/05	EPA 160.2	
Total Organic Carbon	**11**	1.5	0.50	mg/L	B5L0342	12/16/05	12/16/05	EPA 9060	ts

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Service Engineering Group	Client Ref:05500	Work Order #: 0506487
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-1M-DCN

0506487-03 (Water)

12/9/05 9:30

Metals

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Mercury	ND	0.20	0.011	ug/L	B5L0207	12/13/05	12/14/05	EPA 7470A	

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,2,4-Trichlorobenzene	ND	5.1	0.34	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
1,2-Dichlorobenzene	ND	5.1	0.27	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
1,2-Diphenylhydrazine	ND	5.1	0.38	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
1,3-Dichlorobenzene	ND	5.1	0.30	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
1,4-Dichlorobenzene	ND	5.1	0.30	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
2,4,5-Trichlorophenol	ND	5.1	0.16	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
2,4,6-Trichlorophenol	ND	5.1	0.23	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
2,4-Dichlorophenol	ND	10	0.29	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
2,4-Dimethylphenol	ND	5.1	0.41	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
2,4-Dinitrophenol	ND	5.1	0.99	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
2,4-Dinitrotoluene	ND	5.1	0.21	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
2,6-Dinitrotoluene	ND	5.1	0.60	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
2-Chloronaphthalene	ND	5.1	0.30	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
2-Chlorophenol	ND	10	0.65	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
2-Methylnaphthalene	ND	5.1	0.40	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
2-Methylphenol	ND	10	2.6	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
2-Nitroaniline	ND	5.1	0.48	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
2-Nitrophenol	ND	10	0.55	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
3,3-Dichlorobenzidine	ND	5.1	0.55	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
3-/4-Methylphenol	ND	10	0.28	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
3-Nitroaniline	ND	5.1	0.68	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
4,6-Dinitro-2-methylphenol	ND	5.1	0.72	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
4-Bromophenyl phenyl ether	ND	5.1	0.25	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
4-Chloro-3-methylphenol	ND	5.1	0.24	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
4-Chloroaniline	ND	5.1	0.61	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506487
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-1M-DCN

0506487-03 (Water)

12/9/05 9:30

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
4-Chlorophenyl phenyl ether	ND	2.1	0.25	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
4-Nitroaniline	ND	5.1	0.35	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
4-Nitrophenol	ND	5.1	0.84	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Acenaphthene	ND	2.1	0.27	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Acenaphthylene	ND	2.1	0.19	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Aniline	ND	5.1	0.90	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Anthracene	ND	2.1	0.21	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Benz(a)anthracene	ND	2.1	0.73	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Benzo(a)pyrene	ND	2.1	0.79	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Benzo(b)fluoranthene	ND	2.1	0.43	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Benzo(g,h,i)perylene	ND	2.1	0.69	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Benzo(k)fluoranthene	ND	2.1	0.77	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Benzyl alcohol	ND	10	0.33	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
bis(2-Chloroethoxy)methane	ND	5.1	0.35	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Bis(2-Chloroethyl)ether	ND	5.1	0.43	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Bis(2-chloroisopropyl)ether	ND	5.1	0.33	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Bis(2-Ethylhexyl)phthalate	ND	5.1	1.6	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Butyl benzyl phthalate	ND	5.1	0.32	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Carbazole	ND	5.1	0.35	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Chrysene	ND	2.1	0.72	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Dibenz(a,h)anthracene	ND	2.1	0.80	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Dibenzofuran	ND	5.1	0.28	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Diethylphthalate	ND	5.1	0.31	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Dimethyl phthalate	ND	5.1	0.22	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Di-n-butyl phthalate	ND	5.1	0.48	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Di-n-octyl phthalate	ND	5.1	0.82	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Fluoranthene	ND	2.1	0.26	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Fluorene	ND	2.1	0.47	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-1M-DCN

0506487-03 (Water)

12/9/05 9:30

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Hexachlorobenzene	ND	5.1	0.25	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Hexachlorobutadiene	ND	5.1	0.32	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Hexachlorocyclopentadiene	ND	5.1	0.28	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Hexachloroethane	ND	5.1	0.36	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Indeno(1,2,3-cd)pyrene	ND	2.1	0.80	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Isophorone	ND	5.1	0.21	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Naphthalene	ND	5.1	0.32	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Nitrobenzene	ND	5.1	0.27	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
N-Nitrosodimethylamine	ND	5.1	0.27	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
N-Nitrosodi-n-propylamine	ND	5.1	0.32	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
N-Nitrosodiphenylamine	ND	5.1	0.32	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Pentachlorophenol	ND	5.1	0.56	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Phenanthrene	ND	2.1	0.21	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Phenol	ND	10	2.2	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Pyrene	ND	2.1	0.51	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Pyridine	ND	10	2.5	ug/L	B5L0225	12/14/05	12/15/05	EPA 8270C	
Surrogate: 2,4,6-Tribromophenol	*76.4 %*	*Limits: 65-100%*			*B5L0225*	*12/14/05*	*12/15/05*	*EPA 8270C*	
Surrogate: 2-Fluorobiphenyl	*77.0 %*	*Limits: 59-101%*			*B5L0225*	*12/14/05*	*12/15/05*	*EPA 8270C*	
Surrogate: 2-Fluorophenol	*41.7 %*	*Limits: 30-75%*			*B5L0225*	*12/14/05*	*12/15/05*	*EPA 8270C*	
Surrogate: Nitrobenzene-d5	*71.1 %*	*Limits: 57-101%*			*B5L0225*	*12/14/05*	*12/15/05*	*EPA 8270C*	
Surrogate: Phenol-d6	*40.9 %*	*Limits: 30-75%*			*B5L0225*	*12/14/05*	*12/15/05*	*EPA 8270C*	
Surrogate: Terphenyl-d14	*74.6 %*	*Limits: 65-100%*			*B5L0225*	*12/14/05*	*12/15/05*	*EPA 8270C*	

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,1,1-Trichloroethane	ND	1.0	0.050	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-1M-DCN

0506487-03 (Water)

12/9/05 9:30

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,1,2-Trichlorotrifluoroethane	ND	1.0	0.12	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,1-Dichloroethane	ND	1.0	0.053	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,1-Dichloroethene	ND	1.0	0.085	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,1-Dichloropropene	ND	1.0	0.073	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,2,3-Trichlorobenzene	ND	1.0	0.11	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,2,3-Trichloropropane	ND	1.0	0.30	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,2,4-Trichlorobenzene	ND	1.0	0.14	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,2,4-Trimethylbenzene	ND	1.0	0.071	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,2-Dibromo-3-chloropropane	ND	1.0	0.41	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,2-Dibromoethane	ND	1.0	0.064	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,2-Dichlorobenzene	ND	1.0	0.12	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,2-Dichloroethane	ND	1.0	0.053	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,2-Dichloropropane	ND	1.0	0.050	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,3,5-Trimethylbenzene	ND	1.0	0.097	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,3-Dichlorobenzene	ND	1.0	0.083	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,3-Dichloropropane	ND	1.0	0.13	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,4-Dichlorobenzene	ND	1.0	0.12	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
2,2-Dichloropropane	ND	1.0	0.10	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
2-Butanone (MEK)	ND	10	1.3	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
2-Chlorotoluene	ND	1.0	0.20	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
4-Chlorotoluene	ND	1.0	0.13	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
4-Isopropyltoluene	ND	1.0	0.058	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Acetone	ND	20	1.5	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Allyl Chloride	ND	1.0	0.26	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Benzene	ND	1.0	0.045	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Bromobenzene	ND	1.0	0.15	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	

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11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
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Service Engineering Group	Client Ref:05500	Work Order #: 0506487
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-1M-DCN

0506487-03 (Water)

12/9/05 9:30

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Bromochloromethane	ND	1.0	0.21	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Bromodichloromethane	**5.1**	1.0	0.11	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Bromoform	ND	5.0	0.13	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Bromomethane	ND	1.0	0.14	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Carbon Tetrachloride	ND	1.0	0.057	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Chlorobenzene	ND	1.0	0.042	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Chlorodibromomethane	ND	1.0	0.028	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Chloroethane	ND	1.0	0.11	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Chloroform	**15**	1.0	0.12	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Chloromethane	**2.9**	1.0	0.20	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.0	0.10	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.0	0.041	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Dibromomethane	ND	1.0	0.20	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Dichlorodifluoromethane	ND	1.0	0.13	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Dichlorofluoromethane	ND	1.0	0.10	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Ethyl Ether	ND	1.0	0.31	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Ethylbenzene	ND	1.0	0.10	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Hexachlorobutadiene	ND	2.0	0.24	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Isopropylbenzene	ND	1.0	0.064	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
m,p-Xylenes	ND	1.0	0.13	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Methyl Isobutyl Ketone	ND	5.0	0.42	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Methylene chloride	ND	5.0	0.63	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Methyl-t-butyl ether	ND	1.0	0.12	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Naphthalene	ND	1.0	0.10	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
n-Butylbenzene	ND	1.0	0.12	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
n-Propylbenzene	ND	1.0	0.10	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
o-Xylene	ND	1.0	0.14	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
sec-Butylbenzene	ND	1.0	0.042	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Styrene	ND	1.0	0.047	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506487
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-1M-DCN

0506487-03 (Water)

12/9/05 9:30

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
tert-Butylbenzene	ND	1.0	0.10	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Tetrachloroethene	ND	2.0	0.19	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Tetrahydrofuran	ND	5.0	1.2	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Toluene	ND	1.0	0.17	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
trans-1,2-Dichloroethene	ND	1.0	0.14	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.0	0.12	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Trichloroethene	ND	1.0	0.073	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Trichlorofluoromethane	ND	1.0	0.19	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Vinyl chloride	ND	1.0	0.25	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4	*102 %*	*Limits: 82-128%*			*B5L0310*	*12/14/05*	*12/15/05*	*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene	*101 %*	*Limits: 76-119%*			*B5L0310*	*12/14/05*	*12/15/05*	*EPA 8260B*	
Surrogate: Dibromofluoromethane	*96.4 %*	*Limits: 79-127%*			*B5L0310*	*12/14/05*	*12/15/05*	*EPA 8260B*	
Surrogate: Toluene-d8	*99.2 %*	*Limits: 82-116%*			*B5L0310*	*12/14/05*	*12/15/05*	*EPA 8260B*	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506487
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Trip Blank

0506487-04 (Water)

12/9/05 0:00

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,1,1-Trichloroethane	ND	1.0	0.050	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,1,2-Trichlorotrifluoroethane	ND	1.0	0.12	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,1-Dichloroethane	ND	1.0	0.053	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,1-Dichloroethene	ND	1.0	0.085	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,1-Dichloropropene	ND	1.0	0.073	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,2,3-Trichlorobenzene	ND	1.0	0.11	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,2,3-Trichloropropane	ND	1.0	0.30	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,2,4-Trichlorobenzene	ND	1.0	0.14	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,2,4-Trimethylbenzene	ND	1.0	0.071	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,2-Dibromo-3-chloropropane	ND	1.0	0.41	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,2-Dibromoethane	ND	1.0	0.064	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,2-Dichlorobenzene	ND	1.0	0.12	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,2-Dichloroethane	ND	1.0	0.053	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,2-Dichloropropane	ND	1.0	0.050	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,3,5-Trimethylbenzene	ND	1.0	0.097	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,3-Dichlorobenzene	ND	1.0	0.083	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,3-Dichloropropane	ND	1.0	0.13	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
1,4-Dichlorobenzene	ND	1.0	0.12	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
2,2-Dichloropropane	ND	1.0	0.10	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
2-Butanone (MEK)	ND	10	1.3	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
2-Chlorotoluene	ND	1.0	0.20	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
4-Chlorotoluene	ND	1.0	0.13	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
4-Isopropyltoluene	ND	1.0	0.058	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Acetone	ND	20	1.5	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Allyl Chloride	ND	1.0	0.26	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506487
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Trip Blank

0506487-04 (Water)

12/9/05 0:00

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	0.045	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Bromobenzene	ND	1.0	0.15	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Bromochloromethane	ND	1.0	0.21	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Bromodichloromethane	ND	1.0	0.11	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Bromoform	ND	5.0	0.13	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Bromomethane	ND	1.0	0.14	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Carbon Tetrachloride	ND	1.0	0.057	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Chlorobenzene	ND	1.0	0.042	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Chlorodibromomethane	ND	1.0	0.028	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Chloroethane	ND	1.0	0.11	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Chloroform	ND	1.0	0.12	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Chloromethane	ND	1.0	0.20	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.0	0.10	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.0	0.041	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Dibromomethane	ND	1.0	0.20	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Dichlorodifluoromethane	ND	1.0	0.13	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Dichlorofluoromethane	ND	1.0	0.10	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Ethyl Ether	ND	1.0	0.31	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Ethylbenzene	ND	1.0	0.10	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Hexachlorobutadiene	ND	2.0	0.24	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Isopropylbenzene	ND	1.0	0.064	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
m,p-Xylenes	ND	1.0	0.13	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Methyl Isobutyl Ketone	ND	5.0	0.42	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Methylene chloride	ND	5.0	0.63	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Methyl-t-butyl ether	ND	1.0	0.12	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Naphthalene	ND	1.0	0.10	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
n-Butylbenzene	ND	1.0	0.12	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
n-Propylbenzene	ND	1.0	0.10	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506487
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Trip Blank

0506487-04 (Water)

12/9/05 0:00

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
o-Xylene	ND	1.0	0.14	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
sec-Butylbenzene	ND	1.0	0.042	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Styrene	ND	1.0	0.047	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
tert-Butylbenzene	ND	1.0	0.10	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Tetrachloroethene	ND	2.0	0.19	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Tetrahydrofuran	ND	5.0	1.2	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Toluene	ND	1.0	0.17	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
trans-1,2-Dichloroethene	ND	1.0	0.14	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.0	0.12	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Trichloroethene	ND	1.0	0.073	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Trichlorofluoromethane	ND	1.0	0.19	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Vinyl chloride	ND	1.0	0.25	ug/L	B5L0310	12/14/05	12/15/05	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4	*101 %*	*Limits: 82-128%*			*B5L0310*	*12/14/05*	*12/15/05*	*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene	*102 %*	*Limits: 76-119%*			*B5L0310*	*12/14/05*	*12/15/05*	*EPA 8260B*	
Surrogate: Dibromofluoromethane	*94.8 %*	*Limits: 79-127%*			*B5L0310*	*12/14/05*	*12/15/05*	*EPA 8260B*	
Surrogate: Toluene-d8	*99.2 %*	*Limits: 82-116%*			*B5L0310*	*12/14/05*	*12/15/05*	*EPA 8260B*	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Classical Chemistry Parameters - Quality Control

Batch B5L0264 - Default Prep GenChem

Method Blank (B5L0264-BLK1) Prepared: 12/15/05 Analyzed: 12/16/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Suspended Solids	ND	5.0	3.6	mg/L	NA	NA	NA	NA	NA	NA	

Laboratory Control Sample (B5L0264-BS1) Prepared: 12/15/05 Analyzed: 12/16/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Suspended Solids	220			mg/L	250	NA	88.0	80-120	NA	NA	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Metals - Quality Control

Batch B5L0207 - EPA 7470A

Method Blank (B5L0207-BLK1) Prepared: 12/13/05 Analyzed: 12/14/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury, Dissolved	ND	0.20	0.011	ug/L	NA	NA	NA	NA	NA	NA	
Mercury	ND	0.20	0.011	ug/L	NA	NA	NA	NA	NA	NA	

Method Blank (B5L0207-BLK2) Prepared: 12/13/05 Analyzed: 12/14/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury, Dissolved	ND	0.20	0.011	ug/L	NA	NA	NA	NA	NA	NA	
Mercury	ND	0.20	0.011	ug/L	NA	NA	NA	NA	NA	NA	

Laboratory Control Sample (B5L0207-BS1) Prepared: 12/13/05 Analyzed: 12/14/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury, Dissolved	2.65	0.20	0.011	ug/L	2.50	NA	106	85-115	NA	NA	
Mercury	2.65	0.20	0.011	ug/L	2.50	NA	106	85-115	NA	NA	

Laboratory Control Sample Duplicate (B5L0207-BSD1) Prepared: 12/13/05 Analyzed: 12/14/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury, Dissolved	2.63	0.20	0.011	ug/L	2.50	NA	105	85-115	0.758	20	
Mercury	2.63	0.20	0.011	ug/L	2.50	NA	105	85-115	0.758	20	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506487
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5L0225 - EPA 3510C

Method Blank (B5L0225-BLK1) Prepared: 12/14/05 Analyzed: 12/15/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	ND	5.0	0.33	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	ND	5.0	0.27	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Diphenylhydrazine	ND	5.0	0.37	ug/L	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	ND	5.0	0.30	ug/L	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	ND	5.0	0.29	ug/L	NA	NA	NA	NA	NA	NA	
2,4,5-Trichlorophenol	ND	5.0	0.15	ug/L	NA	NA	NA	NA	NA	NA	
2,4,6-Trichlorophenol	ND	5.0	0.23	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dichlorophenol	ND	10	0.28	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dimethylphenol	ND	5.0	0.40	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dinitrophenol	ND	5.0	0.96	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dinitrotoluene	ND	5.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
2,6-Dinitrotoluene	ND	5.0	0.58	ug/L	NA	NA	NA	NA	NA	NA	
2-Chloronaphthalene	ND	5.0	0.30	ug/L	NA	NA	NA	NA	NA	NA	
2-Chlorophenol	ND	10	0.63	ug/L	NA	NA	NA	NA	NA	NA	
2-Methylnaphthalene	ND	5.0	0.39	ug/L	NA	NA	NA	NA	NA	NA	
2-Methylphenol	ND	10	2.5	ug/L	NA	NA	NA	NA	NA	NA	
2-Nitroaniline	ND	5.0	0.46	ug/L	NA	NA	NA	NA	NA	NA	
2-Nitrophenol	ND	10	0.54	ug/L	NA	NA	NA	NA	NA	NA	
3,3-Dichlorobenzidine	ND	5.0	0.54	ug/L	NA	NA	NA	NA	NA	NA	
3-/4-Methylphenol	ND	10	0.28	ug/L	NA	NA	NA	NA	NA	NA	
3-Nitroaniline	ND	5.0	0.66	ug/L	NA	NA	NA	NA	NA	NA	
4,6-Dinitro-2-methylphenol	ND	5.0	0.70	ug/L	NA	NA	NA	NA	NA	NA	
4-Bromophenyl phenyl ether	ND	5.0	0.24	ug/L	NA	NA	NA	NA	NA	NA	
4-Chloro-3-methylphenol	ND	5.0	0.23	ug/L	NA	NA	NA	NA	NA	NA	
4-Chloroaniline	ND	5.0	0.59	ug/L	NA	NA	NA	NA	NA	NA	
4-Chlorophenyl phenyl ether	ND	2.0	0.25	ug/L	NA	NA	NA	NA	NA	NA	
4-Nitroaniline	ND	5.0	0.34	ug/L	NA	NA	NA	NA	NA	NA	
4-Nitrophenol	ND	5.0	0.82	ug/L	NA	NA	NA	NA	NA	NA	
Acenaphthene	ND	2.0	0.26	ug/L	NA	NA	NA	NA	NA	NA	
Acenaphthylene	ND	2.0	0.19	ug/L	NA	NA	NA	NA	NA	NA	
Aniline	ND	5.0	0.88	ug/L	NA	NA	NA	NA	NA	NA	
Anthracene	ND	2.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Benz(a)anthracene	ND	2.0	0.71	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(a)pyrene	ND	2.0	0.77	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(b)fluoranthene	ND	2.0	0.42	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(g,h,i)perylene	ND	2.0	0.67	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(k)fluoranthene	ND	2.0	0.75	ug/L	NA	NA	NA	NA	NA	NA	
Benzyl alcohol	ND	10	0.32	ug/L	NA	NA	NA	NA	NA	NA	
bis(2-Chloroethoxy)methane	ND	5.0	0.34	ug/L	NA	NA	NA	NA	NA	NA	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5L0225 - EPA 3510C

Method Blank (B5L0225-BLK1) Prepared: 12/14/05 Analyzed: 12/15/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Bis(2-Chloroethyl)ether	ND	5.0	0.42	ug/L	NA	NA	NA	NA	NA	NA	
Bis(2-chloroisopropyl)ether	ND	5.0	0.32	ug/L	NA	NA	NA	NA	NA	NA	
Bis(2-Ethylhexyl)phthalate	ND	5.0	1.5	ug/L	NA	NA	NA	NA	NA	NA	
Butyl benzyl phthalate	ND	5.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
Carbazole	ND	5.0	0.34	ug/L	NA	NA	NA	NA	NA	NA	
Chrysene	ND	2.0	0.70	ug/L	NA	NA	NA	NA	NA	NA	
Dibenz(a,h)anthracene	ND	2.0	0.78	ug/L	NA	NA	NA	NA	NA	NA	
Dibenzofuran	ND	5.0	0.27	ug/L	NA	NA	NA	NA	NA	NA	
Diethylphthalate	ND	5.0	0.30	ug/L	NA	NA	NA	NA	NA	NA	
Dimethyl phthalate	ND	5.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Di-n-butyl phthalate	ND	5.0	0.47	ug/L	NA	NA	NA	NA	NA	NA	
Di-n-octyl phthalate	ND	5.0	0.80	ug/L	NA	NA	NA	NA	NA	NA	
Fluoranthene	ND	2.0	0.26	ug/L	NA	NA	NA	NA	NA	NA	
Fluorene	ND	2.0	0.46	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorobenzene	ND	5.0	0.24	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorobutadiene	ND	5.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorocyclopentadiene	ND	5.0	0.28	ug/L	NA	NA	NA	NA	NA	NA	
Hexachloroethane	ND	5.0	0.35	ug/L	NA	NA	NA	NA	NA	NA	
Indeno(1,2,3-cd)pyrene	ND	2.0	0.78	ug/L	NA	NA	NA	NA	NA	NA	
Isophorone	ND	5.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Naphthalene	ND	5.0	0.32	ug/L	NA	NA	NA	NA	NA	NA	
Nitrobenzene	ND	5.0	0.27	ug/L	NA	NA	NA	NA	NA	NA	
N-Nitrosodimethylamine	ND	5.0	0.26	ug/L	NA	NA	NA	NA	NA	NA	
N-Nitrosodi-n-propylamine	ND	5.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
N-Nitrosodiphenylamine	ND	5.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
Pentachlorophenol	ND	5.0	0.54	ug/L	NA	NA	NA	NA	NA	NA	
Phenanthrene	ND	2.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Phenol	ND	10	2.1	ug/L	NA	NA	NA	NA	NA	NA	
Pyrene	ND	2.0	0.50	ug/L	NA	NA	NA	NA	NA	NA	
Pyridine	ND	10	2.4	ug/L	NA	NA	NA	NA	NA	NA	
Surrogate: 2,4,6-Tribromophenol	*41.5*			ug/L	*50.0*	*NA*	*83.0*	*65-100*			
Surrogate: 2-Fluorobiphenyl	*20.3*			ug/L	*25.0*	*NA*	*81.2*	*59-101*			
Surrogate: 2-Fluorophenol	*24.0*			ug/L	*50.0*	*NA*	*48.0*	*30-75*			
Surrogate: Nitrobenzene-d5	*19.6*			ug/L	*25.0*	*NA*	*78.4*	*57-101*			
Surrogate: Phenol-d6	*22.1*			ug/L	*50.0*	*NA*	*44.2*	*30-75*			
Surrogate: Terphenyl-d14	*21.0*			ug/L	*25.0*	*NA*	*84.0*	*65-100*			

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5L0225 - EPA 3510C

Laboratory Control Sample (B5L0225-BS1) Prepared: 12/14/05 Analyzed: 12/15/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	26.7	5.0	0.33	ug/L	50.0	NA	53.4	30-120	NA	NA	
1,4-Dichlorobenzene	26.6	5.0	0.29	ug/L	50.0	NA	53.2	40-110	NA	NA	
2-Chlorophenol	27.0	10	0.63	ug/L	50.0	NA	54.0	40-100	NA	NA	
4-Chloro-3-methylphenol	32.5	5.0	0.23	ug/L	50.0	NA	65.0	50-110	NA	NA	
4-Nitrophenol	24.2	5.0	0.82	ug/L	50.0	NA	48.4	30-80	NA	NA	
Acenaphthene	33.4	2.0	0.26	ug/L	50.0	NA	66.8	50-110	NA	NA	
N-Nitrosodi-n-propylamine	34.9	5.0	0.31	ug/L	50.0	NA	69.8	45-120	NA	NA	
Pentachlorophenol	38.5	5.0	0.54	ug/L	50.0	NA	77.0	45-115	NA	NA	
Phenol	17.5	10	2.1	ug/L	50.0	NA	35.0	30-80	NA	NA	
Pyrene	41.0	2.0	0.50	ug/L	50.0	NA	82.0	55-120	NA	NA	
Surrogate: 2,4,6-Tribromophenol	*41.0*			ug/L	*50.0*	*NA*	*82.0*	*65-100*			
Surrogate: 2-Fluorobiphenyl	*16.9*			ug/L	*25.0*	*NA*	*67.6*	*59-101*			
Surrogate: 2-Fluorophenol	*19.3*			ug/L	*50.0*	*NA*	*38.6*	*30-75*			
Surrogate: Nitrobenzene-d5	*15.3*			ug/L	*25.0*	*NA*	*61.2*	*57-101*			
Surrogate: Phenol-d6	*17.2*			ug/L	*50.0*	*NA*	*34.4*	*30-75*			
Surrogate: Terphenyl-d14	*20.2*			ug/L	*25.0*	*NA*	*80.8*	*65-100*			

Laboratory Control Sample Duplicate (B5L0225-BSD1) Prepared: 12/14/05 Analyzed: 12/15/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	28.8	5.0	0.33	ug/L	50.0	NA	57.6	30-120	7.57	20	
1,4-Dichlorobenzene	28.3	5.0	0.29	ug/L	50.0	NA	56.6	40-110	6.19	20	
2-Chlorophenol	28.1	10	0.63	ug/L	50.0	NA	56.2	40-100	3.99	20	
4-Chloro-3-methylphenol	33.7	5.0	0.23	ug/L	50.0	NA	67.4	50-110	3.63	20	
4-Nitrophenol	23.4	5.0	0.82	ug/L	50.0	NA	46.8	30-80	3.36	20	
Acenaphthene	34.7	2.0	0.26	ug/L	50.0	NA	69.4	50-110	3.82	20	
N-Nitrosodi-n-propylamine	38.3	5.0	0.31	ug/L	50.0	NA	76.6	45-120	9.29	20	
Pentachlorophenol	39.8	5.0	0.54	ug/L	50.0	NA	79.6	45-115	3.32	20	
Phenol	18.1	10	2.1	ug/L	50.0	NA	36.2	30-80	3.37	20	
Pyrene	42.2	2.0	0.50	ug/L	50.0	NA	84.4	55-120	2.88	20	
Surrogate: 2,4,6-Tribromophenol	*43.7*			ug/L	*50.0*	*NA*	*87.4*	*65-100*			
Surrogate: 2-Fluorobiphenyl	*17.4*			ug/L	*25.0*	*NA*	*69.6*	*59-101*			
Surrogate: 2-Fluorophenol	*19.0*			ug/L	*50.0*	*NA*	*38.0*	*30-75*			
Surrogate: Nitrobenzene-d5	*16.8*			ug/L	*25.0*	*NA*	*67.2*	*57-101*			
Surrogate: Phenol-d6	*17.3*			ug/L	*50.0*	*NA*	*34.6*	*30-75*			
Surrogate: Terphenyl-d14	*20.7*			ug/L	*25.0*	*NA*	*82.8*	*65-100*			

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0310 - EPA 5030B

Method Blank (B5L0310-BLK1) Prepared: 12/14/05 Analyzed: 12/15/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
1,1,1-Trichloroethane	ND	1.0	0.050	ug/L	NA	NA	NA	NA	NA	NA	
1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/L	NA	NA	NA	NA	NA	NA	
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
1,1,2-Trichlorotrifluoroethane	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
1,1-Dichloroethane	ND	1.0	0.053	ug/L	NA	NA	NA	NA	NA	NA	
1,1-Dichloroethene	ND	1.0	0.085	ug/L	NA	NA	NA	NA	NA	NA	
1,1-Dichloropropene	ND	1.0	0.073	ug/L	NA	NA	NA	NA	NA	NA	
1,2,3-Trichlorobenzene	ND	1.0	0.11	ug/L	NA	NA	NA	NA	NA	NA	
1,2,3-Trichloropropane	ND	1.0	0.30	ug/L	NA	NA	NA	NA	NA	NA	
1,2,4-Trichlorobenzene	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
1,2,4-Trimethylbenzene	ND	1.0	0.071	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dibromo-3-chloropropane	ND	1.0	0.41	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dibromoethane	ND	1.0	0.064	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichloroethane	ND	1.0	0.053	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichloropropane	ND	1.0	0.050	ug/L	NA	NA	NA	NA	NA	NA	
1,3,5-Trimethylbenzene	ND	1.0	0.097	ug/L	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	ND	1.0	0.083	ug/L	NA	NA	NA	NA	NA	NA	
1,3-Dichloropropane	ND	1.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
2,2-Dichloropropane	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
2-Butanone (MEK)	ND	10	1.3	ug/L	NA	NA	NA	NA	NA	NA	
2-Chlorotoluene	ND	1.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
4-Chlorotoluene	ND	1.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
4-Isopropyltoluene	ND	1.0	0.058	ug/L	NA	NA	NA	NA	NA	NA	
Acetone	ND	20	1.5	ug/L	NA	NA	NA	NA	NA	NA	
Allyl Chloride	ND	1.0	0.26	ug/L	NA	NA	NA	NA	NA	NA	
Benzene	ND	1.0	0.045	ug/L	NA	NA	NA	NA	NA	NA	
Bromobenzene	ND	1.0	0.15	ug/L	NA	NA	NA	NA	NA	NA	
Bromochloromethane	ND	1.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Bromodichloromethane	ND	1.0	0.11	ug/L	NA	NA	NA	NA	NA	NA	
Bromoform	ND	5.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
Bromomethane	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
Carbon Tetrachloride	ND	1.0	0.057	ug/L	NA	NA	NA	NA	NA	NA	
Chlorobenzene	ND	1.0	0.042	ug/L	NA	NA	NA	NA	NA	NA	
Chlorodibromomethane	ND	1.0	0.028	ug/L	NA	NA	NA	NA	NA	NA	
Chloroethane	ND	1.0	0.11	ug/L	NA	NA	NA	NA	NA	NA	
Chloroform	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0310 - EPA 5030B

Method Blank (B5L0310-BLK1) Prepared: 12/14/05 Analyzed: 12/15/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	ND	1.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
cis-1,2-Dichloroethene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
cis-1,3-Dichloropropene	ND	1.0	0.041	ug/L	NA	NA	NA	NA	NA	NA	
Dibromomethane	ND	1.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
Dichlorodifluoromethane	ND	1.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
Dichlorofluoromethane	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
Ethyl Ether	ND	1.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
Ethylbenzene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorobutadiene	ND	2.0	0.24	ug/L	NA	NA	NA	NA	NA	NA	
Isopropylbenzene	ND	1.0	0.064	ug/L	NA	NA	NA	NA	NA	NA	
m,p-Xylenes	ND	1.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
Methyl Isobutyl Ketone	ND	5.0	0.42	ug/L	NA	NA	NA	NA	NA	NA	
Methylene chloride	ND	5.0	0.63	ug/L	NA	NA	NA	NA	NA	NA	
Methyl-t-butyl ether	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
Naphthalene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
n-Butylbenzene	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
n-Propylbenzene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
o-Xylene	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
sec-Butylbenzene	ND	1.0	0.042	ug/L	NA	NA	NA	NA	NA	NA	
Styrene	ND	1.0	0.047	ug/L	NA	NA	NA	NA	NA	NA	
tert-Butylbenzene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
Tetrachloroethene	ND	2.0	0.19	ug/L	NA	NA	NA	NA	NA	NA	
Tetrahydrofuran	ND	5.0	1.2	ug/L	NA	NA	NA	NA	NA	NA	
Toluene	ND	1.0	0.17	ug/L	NA	NA	NA	NA	NA	NA	
trans-1,2-Dichloroethene	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
trans-1,3-Dichloropropene	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
Trichloroethene	ND	1.0	0.073	ug/L	NA	NA	NA	NA	NA	NA	
Trichlorofluoromethane	ND	1.0	0.19	ug/L	NA	NA	NA	NA	NA	NA	
Vinyl chloride	ND	1.0	0.25	ug/L	NA	NA	NA	NA	NA	NA	
Surrogate: 1,2-Dichloroethane-d4	*25.1*			ug/L	*25.0*	*NA*	*100*	*82-128*			
Surrogate: 4-Bromofluorobenzene	*24.9*			ug/L	*25.0*	*NA*	*99.6*	*76-119*			
Surrogate: Dibromofluoromethane	*23.5*			ug/L	*25.0*	*NA*	*94.0*	*79-127*			
Surrogate: Toluene-d8	*24.5*			ug/L	*25.0*	*NA*	*98.0*	*82-116*			

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Service Engineering Group	Client Ref:05500	Work Order #: 0506487
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0310 - EPA 5030B

Laboratory Control Sample (B5L0310-BS1) Prepared: 12/14/05 Analyzed: 12/15/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	25.1	1.0	0.14	ug/L	25.0	NA	100	80-120	NA	NA	
1,1,1-Trichloroethane	25.0	1.0	0.050	ug/L	25.0	NA	100	80-120	NA	NA	
1,1,2,2-Tetrachloroethane	25.9	1.0	0.23	ug/L	25.0	NA	104	80-120	NA	NA	
1,1,2-Trichloroethane	24.1	1.0	0.20	ug/L	25.0	NA	96.4	80-120	NA	NA	
1,1,2-Trichlorotrifluoroethane	24.8	1.0	0.12	ug/L	25.0	NA	99.2	80-120	NA	NA	
1,1-Dichloroethane	23.7	1.0	0.053	ug/L	25.0	NA	94.8	80-120	NA	NA	
1,1-Dichloroethene	23.9	1.0	0.085	ug/L	25.0	NA	95.6	80-120	NA	NA	
1,1-Dichloropropene	25.2	1.0	0.073	ug/L	25.0	NA	101	80-120	NA	NA	
1,2,3-Trichlorobenzene	26.1	1.0	0.11	ug/L	25.0	NA	104	80-120	NA	NA	
1,2,3-Trichloropropane	26.0	1.0	0.30	ug/L	25.0	NA	104	80-120	NA	NA	
1,2,4-Trichlorobenzene	25.0	1.0	0.14	ug/L	25.0	NA	100	80-120	NA	NA	
1,2,4-Trimethylbenzene	24.9	1.0	0.071	ug/L	25.0	NA	99.6	80-120	NA	NA	
1,2-Dibromo-3-chloropropane	28.3	1.0	0.41	ug/L	25.0	NA	113	80-120	NA	NA	
1,2-Dibromoethane	25.0	1.0	0.064	ug/L	25.0	NA	100	80-120	NA	NA	
1,2-Dichlorobenzene	24.3	1.0	0.12	ug/L	25.0	NA	97.2	80-120	NA	NA	
1,2-Dichloroethane	23.8	1.0	0.053	ug/L	25.0	NA	95.2	80-120	NA	NA	
1,2-Dichloropropane	24.7	1.0	0.050	ug/L	25.0	NA	98.8	80-120	NA	NA	
1,3,5-Trimethylbenzene	24.5	1.0	0.097	ug/L	25.0	NA	98.0	80-120	NA	NA	
1,3-Dichlorobenzene	23.6	1.0	0.083	ug/L	25.0	NA	94.4	80-120	NA	NA	
1,3-Dichloropropane	24.5	1.0	0.13	ug/L	25.0	NA	98.0	80-120	NA	NA	
1,4-Dichlorobenzene	23.8	1.0	0.12	ug/L	25.0	NA	95.2	80-120	NA	NA	
2,2-Dichloropropane	25.2	1.0	0.10	ug/L	25.0	NA	101	80-120	NA	NA	
2-Butanone (MEK)	21.4	10	1.3	ug/L	25.0	NA	85.6	80-120	NA	NA	
2-Chlorotoluene	23.9	1.0	0.20	ug/L	25.0	NA	95.6	80-120	NA	NA	
4-Chlorotoluene	24.2	1.0	0.13	ug/L	25.0	NA	96.8	80-120	NA	NA	
4-Isopropyltoluene	24.0	1.0	0.058	ug/L	25.0	NA	96.0	80-120	NA	NA	
Acetone	25.4	20	1.5	ug/L	25.0	NA	102	80-120	NA	NA	
Allyl Chloride	24.6	1.0	0.26	ug/L	25.0	NA	98.4	80-120	NA	NA	
Benzene	24.9	1.0	0.045	ug/L	25.0	NA	99.6	80-120	NA	NA	
Bromobenzene	24.4	1.0	0.15	ug/L	25.0	NA	97.6	80-120	NA	NA	
Bromochloromethane	23.4	1.0	0.21	ug/L	25.0	NA	93.6	80-120	NA	NA	
Bromodichloromethane	25.2	1.0	0.11	ug/L	25.0	NA	101	80-120	NA	NA	
Bromoform	28.8	5.0	0.13	ug/L	25.0	NA	115	80-120	NA	NA	
Bromomethane	28.5	1.0	0.14	ug/L	25.0	NA	114	80-120	NA	NA	
Carbon Tetrachloride	27.2	1.0	0.057	ug/L	25.0	NA	109	80-120	NA	NA	
Chlorobenzene	24.0	1.0	0.042	ug/L	25.0	NA	96.0	80-120	NA	NA	
Chlorodibromomethane	25.8	1.0	0.028	ug/L	25.0	NA	103	80-120	NA	NA	
Chloroethane	23.0	1.0	0.11	ug/L	25.0	NA	92.0	80-120	NA	NA	
Chloroform	23.4	1.0	0.12	ug/L	25.0	NA	93.6	80-120	NA	NA	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506487
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0310 - EPA 5030B

Laboratory Control Sample (B5L0310-BS1) Prepared: 12/14/05 Analyzed: 12/15/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	22.4	1.0	0.20	ug/L	25.0	NA	89.6	80-120	NA	NA	
cis-1,2-Dichloroethene	23.4	1.0	0.10	ug/L	25.0	NA	93.6	80-120	NA	NA	
cis-1,3-Dichloropropene	25.8	1.0	0.041	ug/L	25.0	NA	103	80-120	NA	NA	
Dibromomethane	24.5	1.0	0.20	ug/L	25.0	NA	98.0	80-120	NA	NA	
Dichlorodifluoromethane	21.6	1.0	0.13	ug/L	25.0	NA	86.4	80-120	NA	NA	
Dichlorofluoromethane	22.7	1.0	0.10	ug/L	25.0	NA	90.8	80-120	NA	NA	
Ethyl Ether	23.5	1.0	0.31	ug/L	25.0	NA	94.0	80-120	NA	NA	
Ethylbenzene	25.8	1.0	0.10	ug/L	25.0	NA	103	80-120	NA	NA	
Hexachlorobutadiene	24.0	2.0	0.24	ug/L	25.0	NA	96.0	80-120	NA	NA	
Isopropylbenzene	25.6	1.0	0.064	ug/L	25.0	NA	102	80-120	NA	NA	
m,p-Xylenes	49.4	1.0	0.13	ug/L	50.0	NA	98.8	80-120	NA	NA	
Methyl Isobutyl Ketone	25.7	5.0	0.42	ug/L	25.0	NA	103	80-120	NA	NA	
Methylene chloride	21.1	5.0	0.63	ug/L	25.0	NA	84.4	80-120	NA	NA	
Methyl-t-butyl ether	26.0	1.0	0.12	ug/L	25.0	NA	104	80-120	NA	NA	
Naphthalene	25.6	1.0	0.10	ug/L	25.0	NA	102	80-120	NA	NA	
n-Butylbenzene	24.5	1.0	0.12	ug/L	25.0	NA	98.0	80-120	NA	NA	
n-Propylbenzene	24.0	1.0	0.10	ug/L	25.0	NA	96.0	80-120	NA	NA	
o-Xylene	25.0	1.0	0.14	ug/L	25.0	NA	100	80-120	NA	NA	
sec-Butylbenzene	24.3	1.0	0.042	ug/L	25.0	NA	97.2	80-120	NA	NA	
Styrene	26.9	1.0	0.047	ug/L	25.0	NA	108	80-120	NA	NA	
tert-Butylbenzene	24.6	1.0	0.10	ug/L	25.0	NA	98.4	80-120	NA	NA	
Tetrachloroethene	24.4	2.0	0.19	ug/L	25.0	NA	97.6	80-120	NA	NA	
Tetrahydrofuran	25.6	5.0	1.2	ug/L	25.0	NA	102	80-120	NA	NA	
Toluene	23.8	1.0	0.17	ug/L	25.0	NA	95.2	80-120	NA	NA	
trans-1,2-Dichloroethene	23.4	1.0	0.14	ug/L	25.0	NA	93.6	80-120	NA	NA	
trans-1,3-Dichloropropene	26.7	1.0	0.12	ug/L	25.0	NA	107	80-120	NA	NA	
Trichloroethene	24.8	1.0	0.073	ug/L	25.0	NA	99.2	80-120	NA	NA	
Trichlorofluoromethane	24.6	1.0	0.19	ug/L	25.0	NA	98.4	80-120	NA	NA	
Vinyl chloride	25.8	1.0	0.25	ug/L	25.0	NA	103	80-120	NA	NA	
Surrogate: 1,2-Dichloroethane-d4	*24.0*			ug/L	*25.0*	*NA*	*96.0*	*82-128*			
Surrogate: 4-Bromofluorobenzene	*26.4*			ug/L	*25.0*	*NA*	*106*	*76-119*			
Surrogate: Dibromofluoromethane	*23.6*			ug/L	*25.0*	*NA*	*94.4*	*79-127*			
Surrogate: Toluene-d8	*24.6*			ug/L	*25.0*	*NA*	*98.4*	*82-116*			

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Service Engineering Group	Client Ref:05500	Work Order #: 0506487
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0310 - EPA 5030B

Laboratory Control Sample Duplicate (B5L0310-BSD1) Prepared: 12/14/05 Analyzed: 12/15/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	24.9	1.0	0.14	ug/L	25.0	NA	99.6	80-120	0.800	20	
1,1,1-Trichloroethane	24.9	1.0	0.050	ug/L	25.0	NA	99.6	80-120	0.401	20	
1,1,2,2-Tetrachloroethane	26.0	1.0	0.23	ug/L	25.0	NA	104	80-120	0.385	20	
1,1,2-Trichloroethane	23.8	1.0	0.20	ug/L	25.0	NA	95.2	80-120	1.25	20	
1,1,2-Trichlorotrifluoroethane	24.3	1.0	0.12	ug/L	25.0	NA	97.2	80-120	2.04	20	
1,1-Dichloroethane	23.3	1.0	0.053	ug/L	25.0	NA	93.2	80-120	1.70	20	
1,1-Dichloroethene	23.3	1.0	0.085	ug/L	25.0	NA	93.2	80-120	2.54	20	
1,1-Dichloropropene	25.2	1.0	0.073	ug/L	25.0	NA	101	80-120	0.00	20	
1,2,3-Trichlorobenzene	24.6	1.0	0.11	ug/L	25.0	NA	98.4	80-120	5.92	20	
1,2,3-Trichloropropane	26.6	1.0	0.30	ug/L	25.0	NA	106	80-120	2.28	20	
1,2,4-Trichlorobenzene	23.8	1.0	0.14	ug/L	25.0	NA	95.2	80-120	4.92	20	
1,2,4-Trimethylbenzene	23.4	1.0	0.071	ug/L	25.0	NA	93.6	80-120	6.21	20	
1,2-Dibromo-3-chloropropane	26.7	1.0	0.41	ug/L	25.0	NA	107	80-120	5.82	20	
1,2-Dibromoethane	25.4	1.0	0.064	ug/L	25.0	NA	102	80-120	1.59	20	
1,2-Dichlorobenzene	23.3	1.0	0.12	ug/L	25.0	NA	93.2	80-120	4.20	20	
1,2-Dichloroethane	23.8	1.0	0.053	ug/L	25.0	NA	95.2	80-120	0.00	20	
1,2-Dichloropropane	24.4	1.0	0.050	ug/L	25.0	NA	97.6	80-120	1.22	20	
1,3,5-Trimethylbenzene	23.1	1.0	0.097	ug/L	25.0	NA	92.4	80-120	5.88	20	
1,3-Dichlorobenzene	22.6	1.0	0.083	ug/L	25.0	NA	90.4	80-120	4.33	20	
1,3-Dichloropropane	24.3	1.0	0.13	ug/L	25.0	NA	97.2	80-120	0.820	20	
1,4-Dichlorobenzene	22.6	1.0	0.12	ug/L	25.0	NA	90.4	80-120	5.17	20	
2,2-Dichloropropane	24.9	1.0	0.10	ug/L	25.0	NA	99.6	80-120	1.20	20	
2-Butanone (MEK)	23.4	10	1.3	ug/L	25.0	NA	93.6	80-120	8.93	20	
2-Chlorotoluene	22.6	1.0	0.20	ug/L	25.0	NA	90.4	80-120	5.59	20	
4-Chlorotoluene	23.0	1.0	0.13	ug/L	25.0	NA	92.0	80-120	5.08	20	
4-Isopropyltoluene	23.0	1.0	0.058	ug/L	25.0	NA	92.0	80-120	4.26	20	
Acetone	25.5	20	1.5	ug/L	25.0	NA	102	80-120	0.393	20	
Allyl Chloride	24.1	1.0	0.26	ug/L	25.0	NA	96.4	80-120	2.05	20	
Benzene	24.9	1.0	0.045	ug/L	25.0	NA	99.6	80-120	0.00	20	
Bromobenzene	23.4	1.0	0.15	ug/L	25.0	NA	93.6	80-120	4.18	20	
Bromochloromethane	23.4	1.0	0.21	ug/L	25.0	NA	93.6	80-120	0.00	20	
Bromodichloromethane	25.3	1.0	0.11	ug/L	25.0	NA	101	80-120	0.396	20	
Bromoform	29.0	5.0	0.13	ug/L	25.0	NA	116	80-120	0.692	20	
Bromomethane	28.6	1.0	0.14	ug/L	25.0	NA	114	80-120	0.350	20	
Carbon Tetrachloride	27.6	1.0	0.057	ug/L	25.0	NA	110	80-120	1.46	20	
Chlorobenzene	24.0	1.0	0.042	ug/L	25.0	NA	96.0	80-120	0.00	20	
Chlorodibromomethane	26.0	1.0	0.028	ug/L	25.0	NA	104	80-120	0.772	20	
Chloroethane	23.2	1.0	0.11	ug/L	25.0	NA	92.8	80-120	0.866	20	
Chloroform	23.3	1.0	0.12	ug/L	25.0	NA	93.2	80-120	0.428	20	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0310 - EPA 5030B

Laboratory Control Sample Duplicate (B5L0310-BSD1) Prepared: 12/14/05 Analyzed: 12/15/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	22.5	1.0	0.20	ug/L	25.0	NA	90.0	80-120	0.445	20	
cis-1,2-Dichloroethene	23.0	1.0	0.10	ug/L	25.0	NA	92.0	80-120	1.72	20	
cis-1,3-Dichloropropene	25.7	1.0	0.041	ug/L	25.0	NA	103	80-120	0.388	20	
Dibromomethane	25.0	1.0	0.20	ug/L	25.0	NA	100	80-120	2.02	20	
Dichlorodifluoromethane	21.9	1.0	0.13	ug/L	25.0	NA	87.6	80-120	1.38	20	
Dichlorofluoromethane	23.2	1.0	0.10	ug/L	25.0	NA	92.8	80-120	2.18	20	
Ethyl Ether	24.2	1.0	0.31	ug/L	25.0	NA	96.8	80-120	2.94	20	
Ethylbenzene	25.4	1.0	0.10	ug/L	25.0	NA	102	80-120	1.56	20	
Hexachlorobutadiene	22.1	2.0	0.24	ug/L	25.0	NA	88.4	80-120	8.24	20	
Isopropylbenzene	25.4	1.0	0.064	ug/L	25.0	NA	102	80-120	0.784	20	
m,p-Xylenes	49.5	1.0	0.13	ug/L	50.0	NA	99.0	80-120	0.202	20	
Methyl Isobutyl Ketone	25.3	5.0	0.42	ug/L	25.0	NA	101	80-120	1.57	20	
Methylene chloride	21.0	5.0	0.63	ug/L	25.0	NA	84.0	80-120	0.475	20	
Methyl-t-butyl ether	25.8	1.0	0.12	ug/L	25.0	NA	103	80-120	0.772	20	
Naphthalene	24.5	1.0	0.10	ug/L	25.0	NA	98.0	80-120	4.39	20	
n-Butylbenzene	22.9	1.0	0.12	ug/L	25.0	NA	91.6	80-120	6.75	20	
n-Propylbenzene	22.8	1.0	0.10	ug/L	25.0	NA	91.2	80-120	5.13	20	
o-Xylene	24.9	1.0	0.14	ug/L	25.0	NA	99.6	80-120	0.401	20	
sec-Butylbenzene	23.1	1.0	0.042	ug/L	25.0	NA	92.4	80-120	5.06	20	
Styrene	26.8	1.0	0.047	ug/L	25.0	NA	107	80-120	0.372	20	
tert-Butylbenzene	23.3	1.0	0.10	ug/L	25.0	NA	93.2	80-120	5.43	20	
Tetrachloroethene	23.9	2.0	0.19	ug/L	25.0	NA	95.6	80-120	2.07	20	
Tetrahydrofuran	24.8	5.0	1.2	ug/L	25.0	NA	99.2	80-120	3.17	20	
Toluene	23.5	1.0	0.17	ug/L	25.0	NA	94.0	80-120	1.27	20	
trans-1,2-Dichloroethene	23.3	1.0	0.14	ug/L	25.0	NA	93.2	80-120	0.428	20	
trans-1,3-Dichloropropene	26.8	1.0	0.12	ug/L	25.0	NA	107	80-120	0.374	20	
Trichloroethene	24.9	1.0	0.073	ug/L	25.0	NA	99.6	80-120	0.402	20	
Trichlorofluoromethane	24.9	1.0	0.19	ug/L	25.0	NA	99.6	80-120	1.21	20	
Vinyl chloride	26.5	1.0	0.25	ug/L	25.0	NA	106	80-120	2.68	20	
Surrogate: 1,2-Dichloroethane-d4	*24.2*			ug/L	*25.0*	*NA*	*96.8*	*82-128*			
Surrogate: 4-Bromofluorobenzene	*26.8*			ug/L	*25.0*	*NA*	*107*	*76-119*			
Surrogate: Dibromofluoromethane	*23.5*			ug/L	*25.0*	*NA*	*94.0*	*79-127*			
Surrogate: Toluene-d8	*24.4*			ug/L	*25.0*	*NA*	*97.6*	*82-116*			

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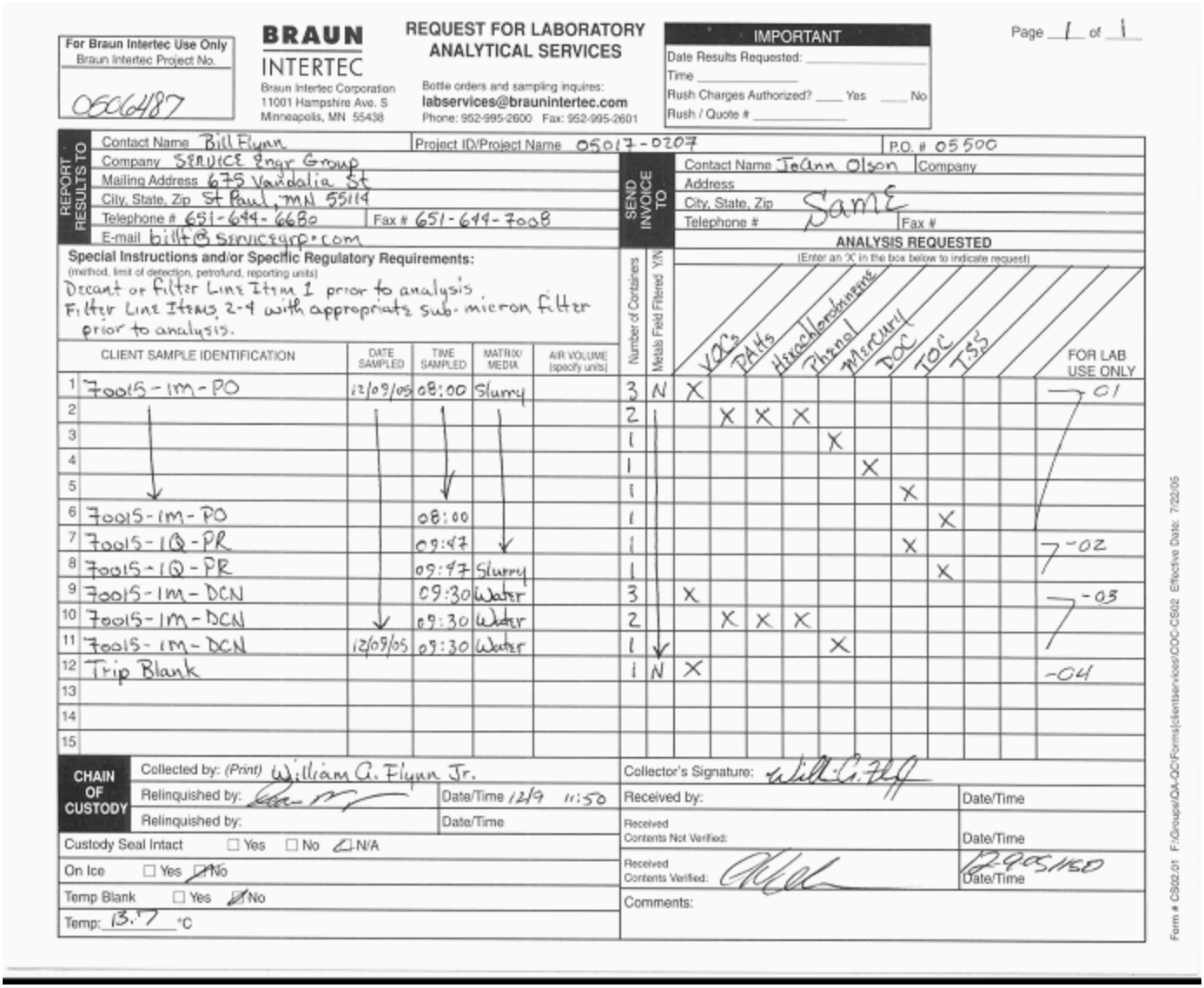
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003



BRAUN INTERTEC

REQUEST FOR LABORATORY ANALYTICAL SERVICES

Braun Intertec Corporation, 11001 Hampshire Ave. S, Minneapolis, MN 55438
Bottle orders and sampling inquires: labservices@braunintertec.com
Phone: 952-995-2600 Fax: 952-995-2601

For Braun Intertec Use Only — Braun Intertec Project No.: 0506487

IMPORTANT
Date Results Requested:
Time
Rush Charges Authorized? ____ Yes ____ No
Rush / Quote #

Page 1 of 1

REPORT RESULTS TO
Contact Name: Bill Flynn — Project ID/Project Name: 05017-0207 — P.O. # 05500
Company: SERVICE Engr Group
Mailing Address: 675 Vandalia St
City, State, Zip: St Paul, MN 55114
Telephone #: 651-644-6680 — Fax #: 651-644-7008
E-mail: billf@servicegrp.com

SEND INVOICE TO
Contact Name: JeAnn Olson — Company:
Address:
City, State, Zip: Same
Telephone # — Fax #

Special Instructions and/or Specific Regulatory Requirements:
(method, limit of detection, petrofund, reporting units)
Decant or filter Line Item 1 prior to analysis.
Filter Line Items 2-4 with appropriate sub-micron filter prior to analysis.

ANALYSIS REQUESTED
(Enter an 'X' in the box below to indicate request)

	CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)	Number of Containers	Metals Field Filtered Y/N	VOCs	PAHs	Hexachlorobenzene	Phenol	Mercury	DOC	TOC	TSS			FOR LAB USE ONLY
1	70015-1M-PO	12/09/05	08:00	Slurry		3	N	X										-01
2						2			X	X	X							
3						1						X						
4						1							X					
5						1								X				
6	70015-1M-PO		08:00			1									X			
7	70015-1Q-PR		09:47			1								X				-02
8	70015-1Q-PR		09:47	Slurry		1									X			
9	70015-1M-DCN		09:30	Water		3		X										-03
10	70015-1M-DCN		09:30	Water		2			X	X	X							
11	70015-1M-DCN	12/09/05	09:30	Water		1						X						
12	Trip Blank					1	N	X										-04
13																		
14																		
15																		

CHAIN OF CUSTODY
Collected by: (Print) William A. Flynn Jr.
Relinquished by: — Date/Time 12/9 11:50
Relinquished by: — Date/Time

Collector's Signature: William A. Flynn
Received by: — Date/Time
Received Contents Not Verified: — Date/Time
Received Contents Verified: — Date/Time 12-9-05 1150

Custody Seal Intact ☐ Yes ☐ No ☑ N/A
On Ice ☐ Yes ☑ No
Temp Blank ☐ Yes ☑ No
Temp: 13.7 °C

Comments:

Form # CS02.01 F:\Groups\QA-QC\Forms\clientservices\COC-CS02 Effective Date: 7/22/05

BRAUN INTERTEC

Braun Intertec Corporation
11001 Hampshire Avenue S
Minneapolis, MN 55438

Phone: 952.995.2000
Fax: 952.995.2020
Web: brauninterteс.com

Mr. Bill Flynn
Service Engineering Group
675 Vandalia Street
St. Paul, MN 55114-1312

January 04, 2006

Work Order #: 0506502

RE: 05500

Dear Mr. Bill Flynn

Braun Intertec Corporation received samples for the project identified above on 12/09/05 11:50. Analytical results are summarized in the following report.

All routine quality assurance procedures were followed, unless otherwise noted.

Where possible, the samples will be retained by the laboratory for 14 days following issuance of the initial final report. The samples will be disposed of or returned at that time.

We appreciate your decision to use Braun Intertec Corporation for this project. We are committed to being your vendor of choice to meet your analytical chemistry needs.

If you have any questions please contact me at the above phone number.

Sincerely,
BRAUN INTERTEC CORPORATION

Steven J. Albrecht
Associate Principal

AIHA Environmental Lead and Industrial Hygiene ACCREDITED LABORATORY
AIHA 101103

Providing engineering and environmental solutions since 1957

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:	05500	Work Order #:	0506502
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

Qualifiers and Abbreviations

ir	The recovery study yielded results of <75%. Per the NIOSH Manual of Analytical Methods, the result is considered semi-quantitative.
ia	The back section of the sample tube contained greater than 10 percent of the amount collected on the front section. This indicates possible analyte breakthrough (loss) during field sampling.
A1	The Laboratory Control Spike Duplicate was outside of laboratory limits. The LCSD recovery was 123%. The results may be biased high.
COC	Chain of Custody
MRL	Method Reporting Limit
ppm	Parts per million in Air
NA	Not Applicable
NR	Not Reported
%Rec	Percent Recovery
RPD	Relative Percent Difference

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref: 05500	Work Order #: 0506502
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

SAMPLE SUMMARY

Sample ID	Laboratory ID	Matrix	Air Volume (L) / Time (Min)	Date Sampled	Date Received
70015-1M-(0-2)	0506502-01	Air Tube	300	12/08/05 11:57	12/09/05 11:50
70015-1M-(0-2)	0506502-02	Air Tube	301.2	12/08/05 11:57	12/09/05 11:50
70015-1M-(0-2)	0506502-03	Air	303.6	12/08/05 11:57	12/09/05 11:50
70015-1M-(0-2)	0506502-04	Air Tube	301.2	12/08/05 11:57	12/09/05 11:50
70015-1M-(0-2)	0506502-05	Air Tube	304.8	12/08/05 11:57	12/09/05 11:50
70015-1M-(2-6)	0506502-06	Air Tube	600	12/08/05 16:03	12/09/05 11:50
70015-1M-(2-6)	0506502-07	Air Tube	602.4	12/08/05 16:03	12/09/05 11:50
70015-1M-(2-6)	0506502-08	Air	607.2	12/08/05 16:03	12/09/05 11:50
70015-1M-(2-6)	0506502-09	Air Tube	604.2	12/08/05 16:03	12/09/05 11:50
70015-1M-(2-6)	0506502-10	Air Tube	609.6	12/08/05 16:03	12/09/05 11:50
70015-1M-(6-22)	0506502-11	Air Tube	2400	12/09/05 07:57	12/09/05 11:50
70015-1M-(6-22)	0506502-12	Air Tube	2410	12/09/05 07:57	12/09/05 11:50
70015-1M-(6-22)	0506502-13	Air	2429	12/09/05 07:57	12/09/05 11:50
70015-1M-(6-22)	0506502-14	Air Tube	2410	12/09/05 07:57	12/09/05 11:50
70015-1M-(6-22)	0506502-15	Air Tube	2438	12/09/05 07:57	12/09/05 11:50

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Service Engineering Group	Client Ref: 05500	Work Order #: 0506502
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-1M-(0-2)

0506502-01 (Air Tube)

12/8/05 11:57

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
1,2,3-Trichlorobenzene	< 11.7	11.7	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,2,4-Trichlorobenzene	< 11.3	11.3	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,3,5-Trichlorobenzene	< 11.7	11.7	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,4-Dichlorobenzene	< 11.6	11.6	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,1,1-Trichloroethane	< 9.71	9.71	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
2-Ethoxyethyl Acetate	< 12.3	12.3	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Acetone	< 11.0	11.0	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Benzene	**13.9**	4.95	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Chlorobenzene	< 10.2	10.2	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Chloroform	**29.6**	10.2	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Ethanol	< 14.3	14.3	ug/m³	1	12/13/05	12/16/05	IHVOCS1	ir
Ethyl Acetate	< 10.2	10.2	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Ethyl Benzene	< 9.80	9.80	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Isobutanol	< 11.5	11.5	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Isopropanol	**14.9**	12.8	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Methyl Ethyl Ketone	**14.6**	11.2	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Methyl Isobutyl Ketone	< 10.2	10.2	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Methylene Chloride	< 9.80	9.80	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
n-Butyl Acetate	< 10.1	10.1	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
n-Hexane	**11.3**	9.71	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Stoddard Solvent	**190**	49.5	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Styrene	< 13.0	13.0	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Tetrachloroethene	< 9.90	9.90	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Tetrahydrofuran	< 10.2	10.2	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Toluene	**31.5**	10.1	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
TPH as Gasoline	**697**	51.0	ug/m³	1	12/13/05	12/16/05	IHVOCS1	ia
Trichloroethene	< 10.0	10.0	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
VM&P Naphtha	< 48.1	48.1	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Xylenes, Total	**15.5**	10.0	ug/m³	1	12/13/05	12/16/05	IHVOCS1	

BRAUN INTERTEC

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Bloomington, MN 55438
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952-995-2020 Fax

Service Engineering Group	Client Ref:	05500	Work Order #:	0506502
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

70015-1M-(0-2)

0506502-02 (Air Tube)

12/8/05 11:57

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Acenaphthene	< 3.67	3.67	ug/m³	1	12/21/05	12/21/05	NIOSH 5506	
Acenaphthylene	< 3.38	3.38	ug/m³	1	12/21/05	12/21/05	NIOSH 5506	
Anthracene	< 3.66	3.66	ug/m³	1	12/21/05	12/21/05	NIOSH 5506	
Benz(a)anthracene	< 3.96	3.96	ug/m³	1	12/21/05	12/21/05	NIOSH 5506	
Benzo(a)pyrene	< 4.19	4.19	ug/m³	1	12/21/05	12/21/05	NIOSH 5506	
Benzo(b)fluoranthene	< 4.14	4.14	ug/m³	1	12/21/05	12/21/05	NIOSH 5506	
Benzo(g,h,i)perylene	< 5.12	5.12	ug/m³	1	12/21/05	12/21/05	NIOSH 5506	
Benzo(k)fluoranthene	< 4.19	4.19	ug/m³	1	12/21/05	12/21/05	NIOSH 5506	
Chrysene	< 3.98	3.98	ug/m³	1	12/21/05	12/21/05	NIOSH 5506	
Dibenz(a,h)anthracene	< 4.27	4.27	ug/m³	1	12/21/05	12/21/05	NIOSH 5506	
Fluoranthene	< 3.79	3.79	ug/m³	1	12/21/05	12/21/05	NIOSH 5506	
Fluorene	< 3.60	3.60	ug/m³	1	12/21/05	12/21/05	NIOSH 5506	
Indeno(1,2,3-cd)pyrene	< 4.50	4.50	ug/m³	1	12/21/05	12/21/05	NIOSH 5506	
Naphthalene	**7.15**	3.68	ug/m³	1	12/21/05	12/21/05	NIOSH 5506	ia
Phenanthrene	< 3.68	3.68	ug/m³	1	12/21/05	12/21/05	NIOSH 5506	
Pyrene	< 3.85	3.85	ug/m³	1	12/21/05	12/21/05	NIOSH 5506	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506502
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

70015-1M-(0-2)

0506502-03 (Air)

12/8/05 11:57

Metals

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Mercury	< 0.066	0.066	ug/m³	1	12/15/05	12/15/05	OSHA ID-145	

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Service Engineering Group	Client Ref: 05500	Work Order #: 0506502
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-1M-(0-2)

0506502-04 (Air Tube)

12/8/05 11:57

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Hexachlorobenzene	< 3.65	3.65	ug/m³	1	12/12/05	12/14/05	IHVOCS	A1

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506502
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

70015-1M-(0-2)

0506502-05 (Air Tube)

12/8/05 11:57

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Phenol	< 8.54	8.54	ug/m³	1	12/28/05	12/29/05	NIOSH 2546	

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952-995-2020 Fax

Service Engineering Group	Client Ref: 05500	Work Order #: 0506502
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-1M-(2-6)

0506502-06 (Air Tube)

12/8/05 16:03

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
1,2,3-Trichlorobenzene	< 5.87	5.87	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,2,4-Trichlorobenzene	< 5.63	5.63	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,3,5-Trichlorobenzene	< 5.83	5.83	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,4-Dichlorobenzene	< 5.79	5.79	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,1,1-Trichloroethane	< 4.85	4.85	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
2-Ethoxyethyl Acetate	< 6.17	6.17	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Acetone	**5.94**	5.49	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Benzene	**13.1**	2.48	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Chlorobenzene	< 5.10	5.10	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Chloroform	**25.7**	5.10	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Ethanol	< 7.14	7.14	ug/m³	1	12/13/05	12/16/05	IHVOCS1	ir
Ethyl Acetate	< 5.10	5.10	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Ethyl Benzene	**7.16**	4.90	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Isobutanol	< 5.75	5.75	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Isopropanol	**12.5**	6.41	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Methyl Ethyl Ketone	**12.2**	5.62	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Methyl Isobutyl Ketone	< 5.10	5.10	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Methylene Chloride	**7.90**	4.90	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
n-Butyl Acetate	< 5.05	5.05	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
n-Hexane	**14.7**	4.85	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Stoddard Solvent	**207**	24.8	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Styrene	< 6.49	6.49	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Tetrachloroethene	**7.79**	4.95	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Tetrahydrofuran	**11.1**	5.10	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Toluene	**37.9**	5.05	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
TPH as Gasoline	**738**	25.5	ug/m³	1	12/13/05	12/16/05	IHVOCS1	ia
Trichloroethene	**17.6**	5.00	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
VM&P Naphtha	< 24.0	24.0	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Xylenes, Total	**32.5**	5.00	ug/m³	1	12/13/05	12/16/05	IHVOCS1	

BRAUN INTERTEC

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506502
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

70015-1M-(2-6)

0506502-07 (Air Tube)

12/8/05 16:03

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Acenaphthene	< 1.83	1.83	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Acenaphthylene	< 1.69	1.69	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Anthracene	< 1.83	1.83	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Benz(a)anthracene	< 1.98	1.98	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Benzo(a)pyrene	< 2.09	2.09	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Benzo(b)fluoranthene	< 2.07	2.07	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Benzo(g,h,i)perylene	< 2.56	2.56	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Benzo(k)fluoranthene	< 2.10	2.10	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Chrysene	< 1.99	1.99	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Dibenz(a,h)anthracene	< 2.13	2.13	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Fluoranthene	< 1.89	1.89	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Fluorene	< 1.80	1.80	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Indeno(1,2,3-cd)pyrene	< 2.25	2.25	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Naphthalene	**7.22**	1.84	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	ia
Phenanthrene	< 1.84	1.84	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Pyrene	< 1.92	1.92	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506502
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

70015-1M-(2-6)

0506502-08 (Air)

12/8/05 16:03

Metals

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Mercury	< 0.033	0.033	ug/m³	1	12/15/05	12/15/05	OSHA ID-145	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506502
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

70015-1M-(2-6)

0506502-09 (Air Tube)

12/8/05 16:03

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Hexachlorobenzene	< 1.82	1.82	ug/m³	1	12/12/05	12/14/05	IHVOCS	A1

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506502
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

70015-1M-(2-6)

0506502-10 (Air Tube)

12/8/05 16:03

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Phenol	< 4.27	4.27	ug/m³	1	12/28/05	12/29/05	NIOSH 2546	

The results in this report apply only to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref: 05500	Work Order #: 0506502
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-1M-(6-22)

0506502-11 (Air Tube)

12/9/05 7:57

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
1,2,3-Trichlorobenzene	**1.57**	1.47	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,2,4-Trichlorobenzene	**3.48**	1.41	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,3,5-Trichlorobenzene	**8.28**	1.46	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,4-Dichlorobenzene	**3.60**	1.45	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,1,1-Trichloroethane	**2.50**	1.21	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
2-Ethoxyethyl Acetate	< 1.54	1.54	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Acetone	**2.87**	1.37	ug/m³	1	12/13/05	12/16/05	IHVOCS1	ia
Benzene	**7.97**	0.619	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Chlorobenzene	< 1.28	1.28	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Chloroform	**15.2**	1.28	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Ethanol	< 1.79	1.79	ug/m³	1	12/13/05	12/16/05	IHVOCS1	ir
Ethyl Acetate	**1.84**	1.28	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Ethyl Benzene	**4.52**	1.23	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Isobutanol	< 1.44	1.44	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Isopropanol	**4.69**	1.60	ug/m³	1	12/13/05	12/16/05	IHVOCS1	ia
Methyl Ethyl Ketone	**7.04**	1.40	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Methyl Isobutyl Ketone	< 1.28	1.28	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Methylene Chloride	**5.00**	1.23	ug/m³	1	12/13/05	12/16/05	IHVOCS1	ia
n-Butyl Acetate	< 1.26	1.26	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
n-Hexane	**9.97**	1.21	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Stoddard Solvent	**153**	6.19	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Styrene	< 1.62	1.62	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Tetrachloroethene	**3.57**	1.24	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Tetrahydrofuran	**6.88**	1.28	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Toluene	**25.8**	1.26	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
TPH as Gasoline	**426**	6.38	ug/m³	1	12/13/05	12/16/05	IHVOCS1	ia
Trichloroethene	**6.35**	1.25	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
VM&P Naphtha	< 6.01	6.01	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Xylenes, Total	**21.5**	1.25	ug/m³	1	12/13/05	12/16/05	IHVOCS1	

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:	05500	Work Order #:	0506502
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

70015-1M-(6-22)

0506502-12 (Air Tube)

12/9/05 7:57

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Acenaphthene	< 0.458	0.458	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Acenaphthylene	< 0.423	0.423	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Anthracene	< 0.457	0.457	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Benz(a)anthracene	< 0.495	0.495	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Benzo(a)pyrene	< 0.523	0.523	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Benzo(b)fluoranthene	< 0.517	0.517	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Benzo(g,h,i)perylene	< 0.639	0.639	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Benzo(k)fluoranthene	< 0.524	0.524	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Chrysene	< 0.497	0.497	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Dibenz(a,h)anthracene	< 0.533	0.533	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Fluoranthene	< 0.473	0.473	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Fluorene	< 0.450	0.450	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Indeno(1,2,3-cd)pyrene	< 0.562	0.562	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Naphthalene	**2.61**	0.460	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	ia
Phenanthrene	< 0.460	0.460	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Pyrene	< 0.481	0.481	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	

BRAUN INTERTEC

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506502
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

70015-1M-(6-22)

0506502-13 (Air)

12/9/05 7:57

Metals

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Mercury	< 0.0082	0.0082	ug/m³	1	12/15/05	12/15/05	OSHA ID-145	

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952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:	05500	Work Order #:	0506502
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

70015-1M-(6-22)

0506502-14 (Air Tube)

12/9/05 7:57

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Hexachlorobenzene	< 0.456	0.456	ug/m³	1	12/12/05	12/14/05	IHVOCS	A1

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952-995-2020 Fax

Service Engineering Group	Client Ref:	05500	Work Order #:	0506502
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

70015-1M-(6-22)

0506502-15 (Air Tube)

12/9/05 7:57

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Phenol	< 1.07	1.07	ug/m³	1	12/28/05	12/29/05	NIOSH 2546	

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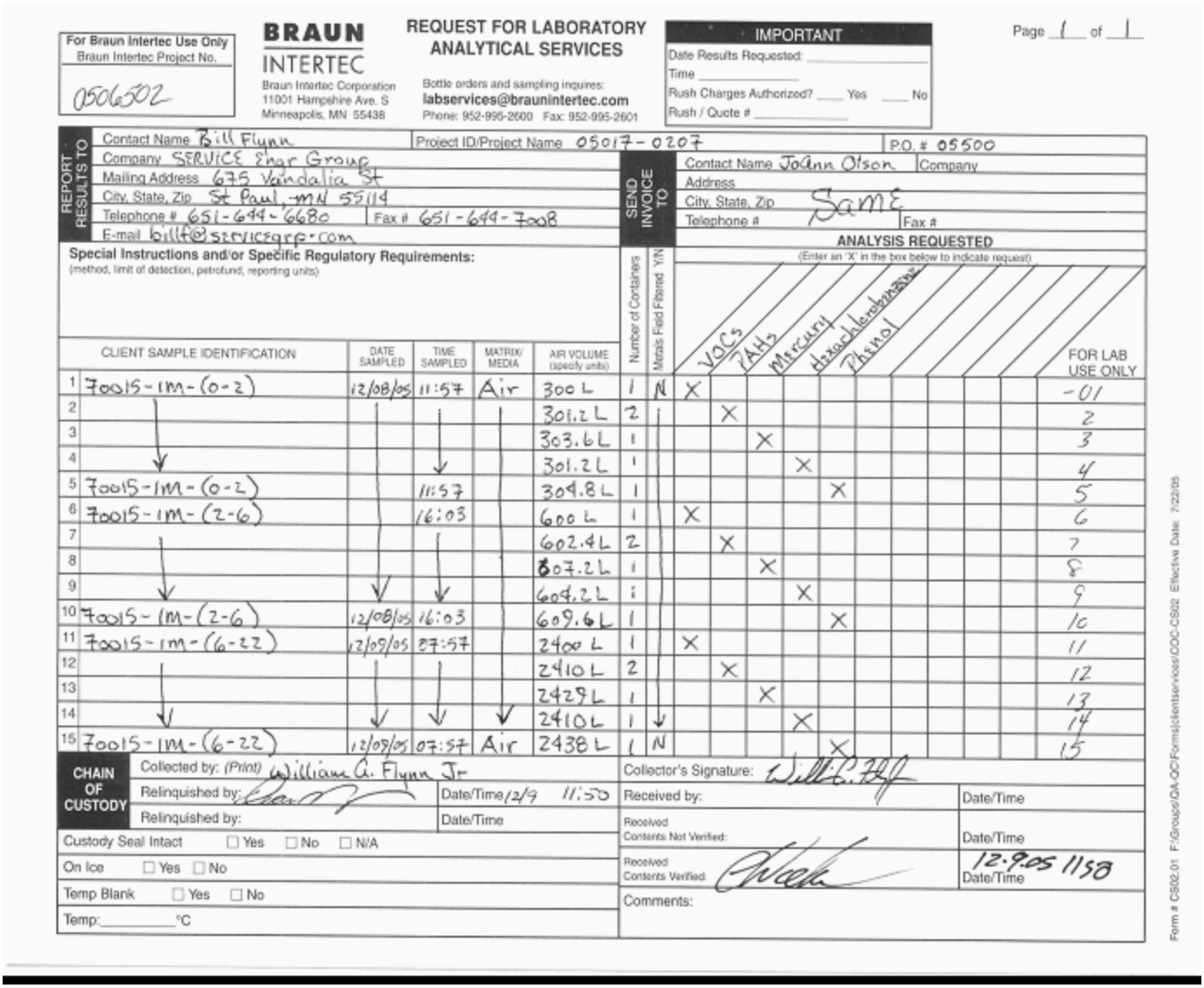
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref: 05500	Work Order #: 0506502
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003



BRAUN INTERTEC

REQUEST FOR LABORATORY ANALYTICAL SERVICES

Braun Intertec Corporation, 11001 Hampshire Ave. S, Minneapolis, MN 55438
Bottle orders and sampling inquires: labservices@brauninTertec.com
Phone: 952-995-2600 Fax: 952-995-2601

For Braun Intertec Use Only — Braun Intertec Project No.: 0506502

IMPORTANT
Date Results Requested:
Time
Rush Charges Authorized? ____ Yes ____ No
Rush / Quote #

Page 1 of 1

REPORT RESULTS TO
Contact Name: Bill Flynn
Company: SERVICE Engr Group
Mailing Address: 675 Vandalia St
City, State, Zip: St Paul, MN 55114
Telephone #: 651-644-6680 Fax #: 651-644-7008
E-mail: billf@servicegrp.com

Project ID/Project Name: 05017-0207
P.O. #: 05500

SEND INVOICE TO
Contact Name: JoAnn Olson
Company:
Address:
City, State, Zip: SAME
Telephone #: Fax #:

Special Instructions and/or Specific Regulatory Requirements:
(method, limit of detection, petrofund, reporting units)

ANALYSIS REQUESTED
(Enter an 'X' in the box below to indicate request)

	CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)	Number of Containers	Metals Field Filtered Y/N	VOCs	PAHs	Mercury	Hexachlorobenzene	Phenol	FOR LAB USE ONLY
1	70015-1M-(0-2)	12/08/05	11:57	Air	300 L	1	N	X					-01
2					301.2 L	2			X				2
3					303.6 L	1				X			3
4					301.2 L	1					X		4
5	70015-1M-(0-2)		11:57		304.8 L	1						X	5
6	70015-1M-(2-6)		16:03		600 L	1		X					6
7					602.4 L	2			X				7
8					607.2 L	1				X			8
9					604.2 L	1					X		9
10	70015-1M-(2-6)	12/08/05	16:03		609.6 L	1						X	10
11	70015-1M-(6-22)	12/09/05	07:57		2400 L	1		X					11
12					2410 L	2			X				12
13					2429 L	1				X			13
14					2410 L	1					X		14
15	70015-1M-(6-22)	12/09/05	07:57	Air	2438 L	1	N					X	15

CHAIN OF CUSTODY
Collected by: (Print) William A. Flynn Jr
Relinquished by: Date/Time 12/9 11:50
Relinquished by: Date/Time

Collector's Signature:
Received by: Date/Time
Received Contents Not Verified: Date/Time
Received Contents Verified: 12.9.05 1158 Date/Time

Custody Seal Intact ☐ Yes ☐ No ☐ N/A
On Ice ☐ Yes ☐ No
Temp Blank ☐ Yes ☐ No
Temp: ____ °C

Comments:

Form # CS02.01 F:\Groups\QA-QC\Forms\clientservices\COC-CS02 Effective Date: 7/22/05

BRAUN INTERTEC

Braun Intertec Corporation
11001 Hampshire Avenue S
Minneapolis, MN 55438

Phone: 952.995.2000
Fax: 952.995.2020
Web: brauninterteC.com

Mr. Bill Flynn
Service Engineering Group
675 Vandalia Street
St. Paul, MN 55114-1312

January 04, 2006

Work Order #: 0506503

RE: 05500

Dear Mr. Bill Flynn

Braun Intertec Corporation received samples for the project identified above on 12/12/05 11:19. Analytical results are summarized in the following report.

All routine quality assurance procedures were followed, unless otherwise noted.

Where possible, the samples will be retained by the laboratory for 14 days following issuance of the initial final report. The samples will be disposed of or returned at that time.

We appreciate your decision to use Braun Intertec Corporation for this project. We are committed to being your vendor of choice to meet your analytical chemistry needs.

If you have any questions please contact me at the above phone number.

Sincerely,
BRAUN INTERTEC CORPORATION

Steven J. Albrecht
Associate Principal

AIHA Environmental Lead and Industrial Hygiene ACCREDITED LABORATORY
AIHA 101103

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:	05500	Work Order #:	0506503
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

Qualifiers and Abbreviations

ir	The recovery study yielded results of <75%. Per the NIOSH Manual of Analytical Methods, the result is considered semi-quantitative.
ia	The back section of the sample tube contained greater than 10 percent of the amount collected on the front section. This indicates possible analyte breakthrough (loss) during field sampling.
A1	The Laboratory Control Spike Duplicate was outside of laboratory limits. The LCSD recovery was 123%. The results may be biased high.
COC	Chain of Custody
MRL	Method Reporting Limit
ppm	Parts per million in Air
NA	Not Applicable
NR	Not Reported
%Rec	Percent Recovery
RPD	Relative Percent Difference

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref: 05500	Work Order #: 0506503
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

SAMPLE SUMMARY

Sample ID	Laboratory ID	Matrix	Air Volume (L) / Time (Min)	Date Sampled	Date Received
70015-1Q-(0-2)	0506503-01	Air Tube	300	12/09/05 12:03	12/12/05 11:19
70015-1Q-(0-2)	0506503-02	Air Tube	301.2	12/09/05 12:03	12/12/05 11:19
70015-1Q-(0-2)	0506503-03	Air	303.6	12/09/05 12:03	12/12/05 11:19
70015-1Q-(0-2)	0506503-04	Air Tube	301.2	12/09/05 12:03	12/12/05 11:19
70015-1Q-(0-2)	0506503-05	Air Tube	304.8	12/09/05 12:03	12/12/05 11:19
70015-1Q-(2-6)	0506503-06	Air Tube	600	12/09/05 16:09	12/12/05 11:19
70015-1Q-(2-6)	0506503-07	Air Tube	602.4	12/09/05 16:09	12/12/05 11:19
70015-1Q-(2-6)	0506503-08	Air	607.2	12/09/05 16:09	12/12/05 11:19
70015-1Q-(2-6)	0506503-09	Air Tube	602.4	12/09/05 16:09	12/12/05 11:19
70015-1Q-(2-6)	0506503-10	Air Tube	609.6	12/09/05 16:09	12/12/05 11:19
70015-1Q-(6-22)	0506503-11	Air Tube	2400	12/10/05 08:03	12/12/05 11:19
70015-1Q-(6-22)	0506503-12	Air Tube	2410	12/10/05 08:03	12/12/05 11:19
70015-1Q-(6-22)	0506503-13	Air	2429	12/10/05 08:03	12/12/05 11:19
70015-1Q-(6-22)	0506503-14	Air Tube	2410	12/10/05 08:03	12/12/05 11:19
70015-1Q-(6-22)	0506503-15	Air Tube	2438	12/10/05 08:03	12/12/05 11:19

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11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
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Service Engineering Group	Client Ref: 05500	Work Order #: 0506503
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-1Q-(0-2)

0506503-01 (Air Tube)

12/9/05 12:03

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
1,2,3-Trichlorobenzene	< 11.7	11.7	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,2,4-Trichlorobenzene	< 11.3	11.3	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,3,5-Trichlorobenzene	< 11.7	11.7	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,4-Dichlorobenzene	< 11.6	11.6	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,1,1-Trichloroethane	**22.2**	9.71	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
2-Ethoxyethyl Acetate	< 12.3	12.3	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Acetone	< 11.0	11.0	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Benzene	**13.0**	4.95	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Chlorobenzene	< 10.2	10.2	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Chloroform	**56.3**	10.2	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Ethanol	< 14.3	14.3	ug/m³	1	12/13/05	12/16/05	IHVOCS1	ir
Ethyl Acetate	< 10.2	10.2	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Ethyl Benzene	< 9.80	9.80	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Isobutanol	< 11.5	11.5	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Isopropanol	< 12.8	12.8	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Methyl Ethyl Ketone	**15.3**	11.2	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Methyl Isobutyl Ketone	< 10.2	10.2	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Methylene Chloride	< 9.80	9.80	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
n-Butyl Acetate	< 10.1	10.1	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
n-Hexane	**9.88**	9.71	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Stoddard Solvent	**177**	49.5	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Styrene	< 13.0	13.0	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Tetrachloroethene	< 9.90	9.90	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Tetrahydrofuran	< 10.2	10.2	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Toluene	**26.6**	10.1	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
TPH as Gasoline	**593**	51.0	ug/m³	1	12/13/05	12/16/05	IHVOCS1	ia
Trichloroethene	< 10.0	10.0	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
VM&P Naphtha	< 48.1	48.1	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Xylenes, Total	**12.8**	10.0	ug/m³	1	12/13/05	12/16/05	IHVOCS1	

BRAUN INTERTEC

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Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:	05500	Work Order #:	0506503
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

70015-1Q-(0-2)

0506503-02 (Air Tube)

12/9/05 12:03

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Acenaphthene	< 3.67	3.67	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Acenaphthylene	< 3.38	3.38	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Anthracene	< 3.66	3.66	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Benz(a)anthracene	< 3.96	3.96	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Benzo(a)pyrene	< 4.19	4.19	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Benzo(b)fluoranthene	< 4.14	4.14	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Benzo(g,h,i)perylene	< 5.12	5.12	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Benzo(k)fluoranthene	< 4.19	4.19	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Chrysene	< 3.98	3.98	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Dibenz(a,h)anthracene	< 4.27	4.27	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Fluoranthene	< 3.79	3.79	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Fluorene	< 3.60	3.60	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Indeno(1,2,3-cd)pyrene	< 4.50	4.50	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Naphthalene	< 3.68	3.68	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Phenanthrene	< 3.68	3.68	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Pyrene	< 3.85	3.85	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	

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BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:	05500	Work Order #:	0506503
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

70015-1Q-(0-2)

0506503-03 (Air)

12/9/05 12:03

Metals

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Mercury	< 0.066	0.066	ug/m³	1	12/15/05	12/15/05	OSHA ID-145	

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BRAUN INTERTEC

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506503
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

70015-1Q-(0-2)

0506503-04 (Air Tube)

12/9/05 12:03

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Hexachlorobenzene	< 3.65	3.65	ug/m³	1	12/12/05	12/14/05	IHVOCS	A1

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952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:	05500	Work Order #:	0506503
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

70015-1Q-(0-2)

0506503-05 (Air Tube)

12/9/05 12:03

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Phenol	< 8.54	8.54	ug/m³	1	12/28/05	12/29/05	NIOSH 2546	

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref: 05500	Work Order #: 0506503
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-1Q-(2-6)

0506503-06 (Air Tube)

12/9/05 16:09

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
1,2,3-Trichlorobenzene	< 5.87	5.87	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,2,4-Trichlorobenzene	< 5.63	5.63	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,3,5-Trichlorobenzene	< 5.83	5.83	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,4-Dichlorobenzene	< 5.79	5.79	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,1,1-Trichloroethane	**8.43**	4.85	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
2-Ethoxyethyl Acetate	< 6.17	6.17	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Acetone	< 5.49	5.49	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Benzene	**13.9**	2.48	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Chlorobenzene	< 5.10	5.10	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Chloroform	**44.5**	5.10	ug/m³	1	12/13/05	12/16/05	IHVOCS1	ia
Ethanol	**23.9**	7.14	ug/m³	1	12/13/05	12/16/05	IHVOCS1	ia, ir
Ethyl Acetate	< 5.10	5.10	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Ethyl Benzene	**6.70**	4.90	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Isobutanol	< 5.75	5.75	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Isopropanol	**10.4**	6.41	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Methyl Ethyl Ketone	**13.3**	5.62	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Methyl Isobutyl Ketone	< 5.10	5.10	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Methylene Chloride	**7.99**	4.90	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
n-Butyl Acetate	< 5.05	5.05	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
n-Hexane	**16.7**	4.85	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Stoddard Solvent	**214**	24.8	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Styrene	< 6.49	6.49	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Tetrachloroethene	**6.32**	4.95	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Tetrahydrofuran	**12.6**	5.10	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Toluene	**38.0**	5.05	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
TPH as Gasoline	**771**	25.5	ug/m³	1	12/13/05	12/16/05	IHVOCS1	ia
Trichloroethene	**24.8**	5.00	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
VM&P Naphtha	< 24.0	24.0	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Xylenes, Total	**33.3**	5.00	ug/m³	1	12/13/05	12/16/05	IHVOCS1	

BRAUN INTERTEC

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506503
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

70015-1Q-(2-6)

0506503-07 (Air Tube)

12/9/05 16:09

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Acenaphthene	< 1.83	1.83	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Acenaphthylene	< 1.69	1.69	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Anthracene	< 1.83	1.83	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Benz(a)anthracene	< 1.98	1.98	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Benzo(a)pyrene	< 2.09	2.09	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Benzo(b)fluoranthene	< 2.07	2.07	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Benzo(g,h,i)perylene	< 2.56	2.56	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Benzo(k)fluoranthene	< 2.10	2.10	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Chrysene	< 1.99	1.99	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Dibenz(a,h)anthracene	< 2.13	2.13	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Fluoranthene	< 1.89	1.89	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Fluorene	< 1.80	1.80	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Indeno(1,2,3-cd)pyrene	< 2.25	2.25	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Naphthalene	**3.74**	1.84	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	ia
Phenanthrene	< 1.84	1.84	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Pyrene	< 1.92	1.92	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506503
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

70015-1Q-(2-6)

0506503-08 (Air)

12/9/05 16:09

Metals

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Mercury	< 0.033	0.033	ug/m³	1	12/15/05	12/15/05	OSHA ID-145	

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Bloomington, MN 55438
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Service Engineering Group	Client Ref:	05500	Work Order #:	0506503
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

70015-1Q-(2-6)

0506503-09 (Air Tube)

12/9/05 16:09

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Hexachlorobenzene	< 1.82	1.82	ug/m³	1	12/12/05	12/14/05	IHVOCS	A1

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952-995-2020 Fax

Service Engineering Group	Client Ref:	05500	Work Order #:	0506503
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

70015-1Q-(2-6)

0506503-10 (Air Tube)

12/9/05 16:09

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Phenol	< 4.27	4.27	ug/m³	1	12/28/05	12/29/05	NIOSH 2546	

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BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref: 05500	Work Order #: 0506503
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-1Q-(6-22)

0506503-11 (Air Tube)

12/10/05 8:03

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
1,2,3-Trichlorobenzene	< 1.47	1.47	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,2,4-Trichlorobenzene	< 1.41	1.41	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,3,5-Trichlorobenzene	< 1.46	1.46	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,4-Dichlorobenzene	< 1.45	1.45	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
1,1,1-Trichloroethane	**3.46**	1.21	ug/m³	1	12/13/05	12/16/05	IHVOCS1	ia
2-Ethoxyethyl Acetate	< 1.54	1.54	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Acetone	< 1.37	1.37	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Benzene	**9.34**	0.619	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Chlorobenzene	< 1.28	1.28	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Chloroform	**18.9**	1.28	ug/m³	1	12/13/05	12/16/05	IHVOCS1	ia
Ethanol	< 1.79	1.79	ug/m³	1	12/13/05	12/16/05	IHVOCS1	ir
Ethyl Acetate	**2.08**	1.28	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Ethyl Benzene	**6.20**	1.23	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Isobutanol	< 1.44	1.44	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Isopropanol	**4.71**	1.60	ug/m³	1	12/13/05	12/16/05	IHVOCS1	ia
Methyl Ethyl Ketone	**6.71**	1.40	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Methyl Isobutyl Ketone	< 1.28	1.28	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Methylene Chloride	**6.64**	1.23	ug/m³	1	12/13/05	12/16/05	IHVOCS1	ia
n-Butyl Acetate	**1.35**	1.26	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
n-Hexane	**14.9**	1.21	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Stoddard Solvent	**188**	6.19	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Styrene	< 1.62	1.62	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Tetrachloroethene	**6.33**	1.24	ug/m³	1	12/13/05	12/16/05	IHVOCS1	ia
Tetrahydrofuran	**9.03**	1.28	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Toluene	**32.0**	1.26	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
TPH as Gasoline	**578**	6.38	ug/m³	1	12/13/05	12/16/05	IHVOCS1	ia
Trichloroethene	**9.48**	1.25	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
VM&P Naphtha	< 6.01	6.01	ug/m³	1	12/13/05	12/16/05	IHVOCS1	
Xylenes, Total	**29.5**	1.25	ug/m³	1	12/13/05	12/16/05	IHVOCS1	

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
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Service Engineering Group	Client Ref:	05500	Work Order #:	0506503
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

70015-1Q-(6-22)

0506503-12 (Air Tube)

12/10/05 8:03

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Acenaphthene	< 0.458	0.458	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Acenaphthylene	< 0.423	0.423	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Anthracene	< 0.457	0.457	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Benz(a)anthracene	< 0.495	0.495	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Benzo(a)pyrene	< 0.523	0.523	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Benzo(b)fluoranthene	< 0.517	0.517	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Benzo(g,h,i)perylene	< 0.639	0.639	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Benzo(k)fluoranthene	< 0.524	0.524	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Chrysene	< 0.497	0.497	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Dibenz(a,h)anthracene	< 0.533	0.533	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Fluoranthene	< 0.473	0.473	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Fluorene	< 0.450	0.450	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Indeno(1,2,3-cd)pyrene	< 0.562	0.562	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Naphthalene	**1.64**	0.460	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	ia
Phenanthrene	< 0.460	0.460	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	
Pyrene	< 0.481	0.481	ug/m³	1	12/21/05	12/22/05	NIOSH 5506	

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Bloomington, MN 55438
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Service Engineering Group	Client Ref:	05500	Work Order #:	0506503
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

70015-1Q-(6-22)

0506503-13 (Air)

12/10/05 8:03

Metals

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Mercury	< 0.0082	0.0082	ug/m³	1	12/15/05	12/15/05	OSHA ID-145	

BRAUN INTERTEC

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Service Engineering Group	Client Ref:	05500	Work Order #:	0506503
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

70015-1Q-(6-22)

0506503-14 (Air Tube)

12/10/05 8:03

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Hexachlorobenzene	< 0.456	0.456	ug/m³	1	12/12/05	12/14/05	IHVOCS	A1

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952-995-2020 Fax

Service Engineering Group	Client Ref:	05500	Work Order #:	0506503
675 Vandalia Street	Client Contact:	Mr. Bill Flynn	Project Mgr:	Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:		Account ID:	CVXX-96-003

70015-1Q-(6-22)

0506503-15 (Air Tube)

12/10/05 8:03

Organic Compounds

Analyte	Result	MRL	Units	Dilution	Prepared	Analyzed	Method	Notes
Phenol	**2.44**	1.07	ug/m³	1	12/28/05	12/29/05	NIOSH 2546	ia

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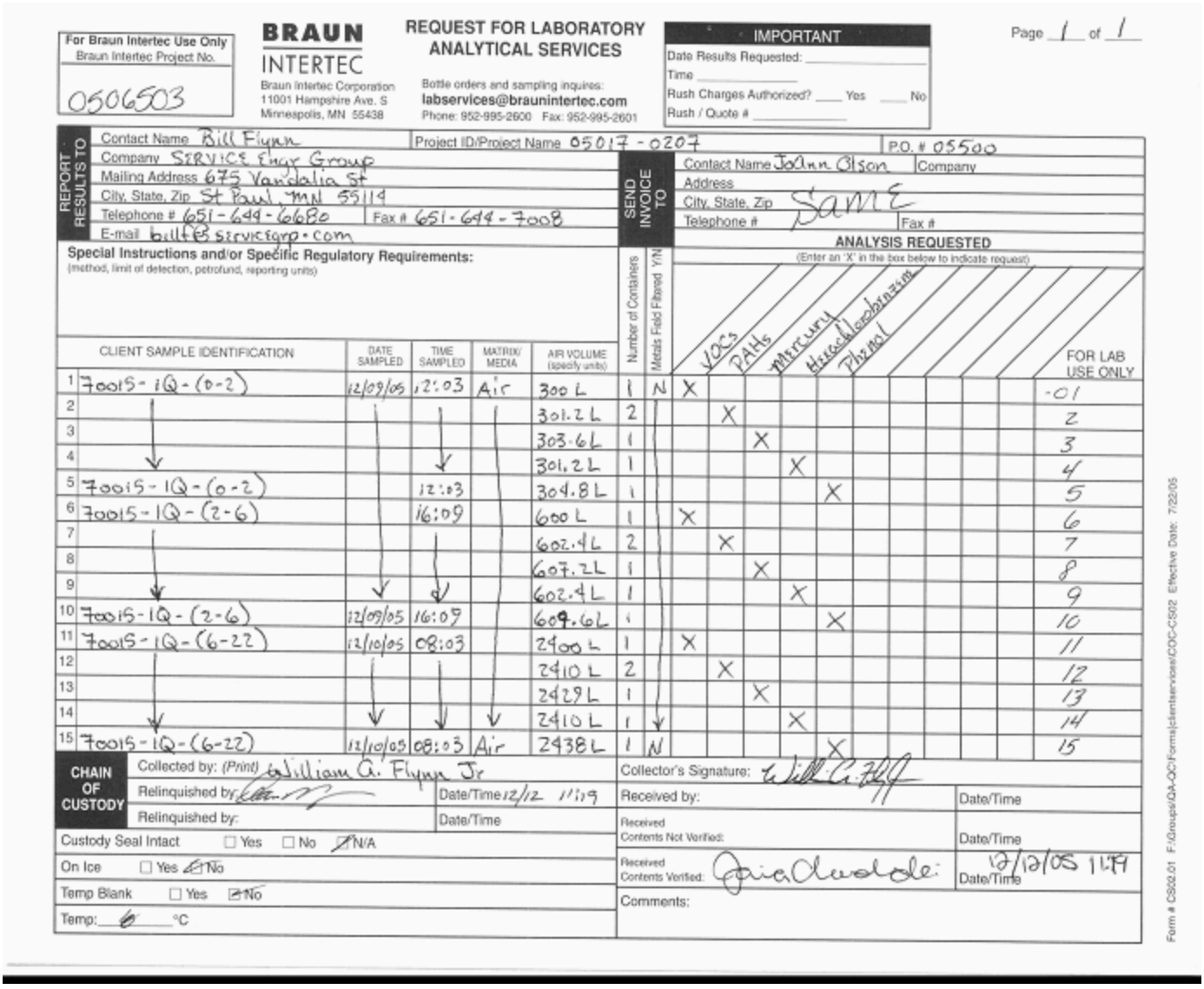
BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref: 05500	Work Order #: 0506503
675 Vandalia Street	Client Contact: Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003



For Braun Intertec Use Only — Braun Intertec Project No.: 0506503

BRAUN INTERTEC — Braun Intertec Corporation, 11001 Hampshire Ave. S, Minneapolis, MN 55438

REQUEST FOR LABORATORY ANALYTICAL SERVICES

Bottle orders and sampling inquires: labservices@braunintertec.com, Phone: 952-995-2600 Fax: 952-995-2601

IMPORTANT
Date Results Requested:
Time
Rush Charges Authorized? ___ Yes ___ No
Rush / Quote #

Page 1 of 1

REPORT RESULTS TO
Contact Name: Bill Flynn
Company: SERVICE Engr Group
Mailing Address: 675 Vandalia St
City, State, Zip: St Paul, MN 55114
Telephone #: 651-644-6680 Fax #: 651-644-7008
E-mail: billf@serviceeng.com

Project ID/Project Name: 05017-0207
P.O. #: 05500

SEND INVOICE TO
Contact Name: JoAnn Olson Company:
Address:
City, State, Zip: SAME
Telephone # Fax #

Special Instructions and/or Specific Regulatory Requirements:
(method, limit of detection, petrofund, reporting units)

ANALYSIS REQUESTED
(Enter an 'X' in the box below to indicate request)

	CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)	Number of Containers	Metals Field Filtered Y/N	VOCs	PAHs	Mercury	Hexachlorobenzene	Phenol	FOR LAB USE ONLY
1	70015-IQ-(0-2)	12/09/05	12:03	Air	300 L	1	N	X					-01
2					301.2 L	2			X				2
3					303.6 L	1				X			3
4					301.2 L	1					X		4
5	70015-IQ-(0-2)		12:03		304.8 L	1						X	5
6	70015-IQ-(2-6)		16:09		600 L	1		X					6
7					602.4 L	2			X				7
8					607.2 L	1				X			8
9					602.4 L	1					X		9
10	70015-IQ-(2-6)	12/09/05	16:09		609.6 L	1						X	10
11	70015-IQ-(6-22)	12/10/05	08:03		2400 L	1		X					11
12					2410 L	2			X				12
13					2429 L	1				X			13
14					2410 L	1					X		14
15	70015-IQ-(6-22)	12/10/05	08:03	Air	2438 L	1	N					X	15

CHAIN OF CUSTODY
Collected by: (Print) William A. Flynn Jr
Relinquished by: Date/Time 12/12 11:19
Relinquished by: Date/Time
Custody Seal Intact ☐ Yes ☐ No ☒ N/A
On Ice ☐ Yes ☒ No
Temp Blank ☐ Yes ☒ No
Temp: 6 °C

Collector's Signature:
Received by: Date/Time
Received Contents Not Verified: Date/Time
Received Contents Verified: Date/Time 12/12/05 11:19
Comments:

Form # CS02.01 F:\Groups\QA-QC\Forms\clientservices\COC-CS02 Effective Date: 7/22/05

BRAUN INTERTEC

Braun Intertec Corporation
11001 Hampshire Avenue S
Minneapolis, MN 55438

Phone: 952.995.2000
Fax: 952.995.2020
Web: brauntintertec.com

Mr. Bill Flynn
Service Engineering Group
675 Vandalia Street
St. Paul, MN 55114-1312

December 28, 2005

Work Order #: 0506504

RE: 05500

Dear Mr. Bill Flynn

Braun Intertec Corporation received samples for the project identified above on 12/12/05 11:19. Analytical results are summarized in the following report.

All routine quality assurance procedures were followed, unless otherwise noted.

Analytical results are reported on an "as received" basis unless otherwise noted. Where possible, the samples will be retained by the laboratory for 14 days following issuance of the initial final report. The samples will be disposed of or returned at that time. Arrangements can be made for extended storage by contacting me at this time.

We appreciate your decision to use Braun Intertec Corporation for this project. We are committed to being your vendor of choice to meet your analytical chemistry needs.

If you have any questions please contact me at the above phone number.

Sincerely,

Steven J. Albrecht
Associate Principal

Certification/Accreditation Numbers

Minnesota Department of Health: 027-053-117 Wisconsin DNR: 999462640 NVLAP: 1021234-0 AIHA: 101103

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
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Service Engineering Group	Client Ref:05500	Work Order #: 0506504
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

How to Use this Report

In order to get the most out of the information presented in this report please refer to the following explanations as to how the data in this report is tied together and how some of the terms are defined.

Qualifiers and Abbreviations are defined in the following section. You will find these codes used throughout the report in headers and in note sections to designate a unique fact about the data to which they are associated.

The Case Narrative gives a "story" about the analysis and results. Here you will find greater elaboration on relevant qualifiers as well as an explanation of anything of particular note in the data. This is a discussion of the data in terms of quality control and chemistry. It is a summary of any deviations that could affect the usefulness of the data. This is not an interpretation as to how this information relates to regulatory compliance, toxicity, or hazardous characterization. These items are beyond the scope of this report.

The Sample Summary provides detail on sample receipt. The association between Client sample ID and the Laboratory sample ID are defined here; this information is valuable to have when discussing results with your project manager. Sample collection and receipt dates and times are provided here as well. General notes regarding the work order are also documented here. This is a mini "case narrative" that describes any anomalies regarding the condition of the samples upon arrival to the laboratory or special circumstances regarding the work order.

The Conditions Upon Receipt summarizes the results of specific checks that have been performed at sample receipt. This includes items like custody documentation, sample condition, and temperature at receipt. Each "cooler" is identified and the conditions associated with that cooler are documented. A "cooler" is defined as the larger container used to transport the individual samples. In most cases this is a standard recreational cooler but it can be a box, plastic bag, or other container.

The laboratory results are summarized in the following sections. Data is broken down into major categories for convenience. An example of such a category would be "Total Petroleum Hydrocarbons." Here you would find data that references the testing of such parameters as diesel range organics and gasoline range organics. Other categories are similarly mapped. The batch number is associated with each sample. This is important to evaluate Quality Control (QC) data. Surrogate results samples are provided with each sample. Laboratory control limits are provided for comparison (see below). The reference method is also identified. If a method is denoted with an "M" (e.g. EPA 1234(M)) this means that it has been modified. An explanation of the modification will be found in the Case Narrative. A result is given with appropriate units. If a soil sample is dry-weight corrected then the word "dry" will appear next to the units. If the word "dry" does not appear then the result is "as received."

The Method Reporting Limit (MRL) and Method Detection Limit (MDL) are provided. It is important to understand these terms. The MRL is a level that has been empirically verified to provide reliable quantitation of results. Results that are equal to or greater than this value will show up as bolded. They are considered "hits." The MDL is a statistically derived number that indicates, with high confidence, that an analyte can be detected above noise level. If a result is less than this value it is marked as "ND" for "Non-Detect." If a result is less than the MRL but greater than the MDL then it is considered an estimate. Such a result is reported with a "J" flag denoting that it has been detected but that the result is an estimate. This is consistent with the *CLP Statement of Work* and the *National Functional Guidelines.*

The Quality Control (QC) samples are documented in the following section. Here you will find the preparation batches associated with each sample from the results section. The sample preparation method is also defined here. Accuracy is represented here in terms of a percent recovery as compared to a known value. Precision is represented as a relative percent difference between two duplicate sample aliquots. The laboratory control limits are provided as a means to evaluate the quality control data. If the result falls outside the laboratory control limits this simply means that it is outside what is typical for the laboratory and is noted accordingly. This does not mean that the data is invalid. Laboratory control limits are generally tighter than most program limits. This is a very important distinction. How the data is ultimately used determines its validity. Program requirements are defined in the Quality Assurance Project Plan (QAPP) governing the project. If your project manager is aware of your specific program requirements then a note will be made in the case narrative if the data fails to meet any of these requirements.

The last section contains copies of important documents and/or instrument printouts relavent to the report. This includes the chain of custody. It also may include items like chromatograms or spectra.

Please note that this report is paginated and must be reproduced in its entirety.

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Qualifiers and Abbreviations

vfa	The method reporting limit (MRL) was raised for one or more analytes; a dilution of the sample was necessary due to high analyte levels and/or matrix interferences.
ts	This analysis was performed by a subcontract laboratory.
J	Detected but below the Method Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
gp	The relative percent difference (RPD) for the laboratory control sample and laboratory control sample duplicate is outside of laboratory control limits.
go	The laboratory control sample recovery is outside of laboratory control limits.
COC	Chain of Custody
dry	Sample results reported on a dry weight basis
MDL	Method Detection Limit
MRL	Method Reporting Limit
NA	Not Applicable
ND	Analyte NOT DETECTED
NR	Not Reported
%Rec	Percent Recovery
RPD	Relative Percent Difference
VOC	Volatile Organic Compound

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SAMPLE SUMMARY

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
70015-1Q-PO	0506504-01	Water	12/10/05 08:15	12/12/05 11:19
70015-1Q-DCN	0506504-02	Water	12/12/05 10:00	12/12/05 11:19
Trip Blank	0506504-03	Water	12/12/05 10:00	12/12/05 11:19

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Conditions Upon Receipt

Cooler: Cooler #1

Temperature:	16.0 °C	**Received on Ice:**	No	**Preservation Confirmed:**	Yes
COC Included:	Yes	**Hand Delivered by Sampler:**	Yes	**Temperature Blank:**	No
Custody Seals Used:	No	**Sufficient Sample Provided:**	Yes	**COC Complete:**	Yes
Custody Seals Intact:	No	**Headspace Present (VOC):**	No	**COC & Labels Agree:**	Yes

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70015-1Q-PO

0506504-01 (Water)

12/10/05 8:15

Classical Chemistry Parameters

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Total Suspended Solids	**32**	5.0	3.6	mg/L	B5L0264	12/15/05	12/16/05	EPA 160.2	
Dissolved Organic Carbon	6.9 J	11	1.0	mg/L	B5L0342	12/16/05	12/16/05	ASTM D5373	ts
Total Organic Carbon	**8.1**	1.0	1.0	mg/L	B5L0342	12/16/05	12/16/05	EPA 9060	ts

Metals

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Mercury, Dissolved	ND	0.20	0.011	ug/L	B5L0207	12/13/05	12/14/05	EPA 7470A	

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,2,4-Trichlorobenzene	**5.4**	5.3	0.35	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
1,2-Dichlorobenzene	**24**	5.3	0.28	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
1,2-Diphenylhydrazine	ND	5.3	0.39	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
1,3-Dichlorobenzene	**8.2**	5.3	0.31	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
1,4-Dichlorobenzene	**75**	5.3	0.31	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
2,4,5-Trichlorophenol	ND	5.3	0.16	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
2,4,6-Trichlorophenol	ND	5.3	0.24	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
2,4-Dichlorophenol	0.99 J	11	0.29	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
2,4-Dimethylphenol	ND	5.3	0.42	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
2,4-Dinitrophenol	ND	5.3	1.0	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
2,4-Dinitrotoluene	ND	5.3	0.22	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
2,6-Dinitrotoluene	ND	5.3	0.62	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
2-Chloronaphthalene	ND	5.3	0.31	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
2-Chlorophenol	ND	11	0.67	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
2-Methylnaphthalene	0.67 J	5.3	0.42	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
2-Methylphenol	ND	11	2.6	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
2-Nitroaniline	ND	5.3	0.49	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
2-Nitrophenol	ND	11	0.57	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
3,3-Dichlorobenzidine	ND	5.3	0.57	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
3-/4-Methylphenol	ND	11	0.29	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
3-Nitroaniline	ND	5.3	0.70	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506504
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-1Q-PO

0506504-01 (Water)

12/10/05 8:15

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
4,6-Dinitro-2-methylphenol	ND	5.3	0.74	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
4-Bromophenyl phenyl ether	ND	5.3	0.26	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
4-Chloro-3-methylphenol	ND	5.3	0.25	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
4-Chloroaniline	ND	5.3	0.63	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	2.1	0.26	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
4-Nitroaniline	ND	5.3	0.36	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
4-Nitrophenol	ND	5.3	0.87	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Acenaphthene	**11**	2.1	0.28	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Acenaphthylene	0.78 J	2.1	0.20	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Aniline	ND	5.3	0.93	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Anthracene	1.5 J	2.1	0.22	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Benz(a)anthracene	ND	2.1	0.75	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Benzo(a)pyrene	ND	2.1	0.82	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Benzo(b)fluoranthene	ND	2.1	0.45	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Benzo(g,h,i)perylene	ND	2.1	0.71	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Benzo(k)fluoranthene	ND	2.1	0.79	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Benzyl alcohol	ND	11	0.34	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
bis(2-Chloroethoxy)methane	ND	5.3	0.36	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Bis(2-Chloroethyl)ether	ND	5.3	0.44	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Bis(2-chloroisopropyl)ether	ND	5.3	0.34	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Bis(2-Ethylhexyl)phthalate	ND	5.3	1.6	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Butyl benzyl phthalate	ND	5.3	0.33	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Carbazole	**14**	5.3	0.36	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Chrysene	ND	2.1	0.74	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Dibenz(a,h)anthracene	ND	2.1	0.83	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Dibenzofuran	5.2 J	5.3	0.29	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Diethylphthalate	ND	5.3	0.32	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Dimethyl phthalate	ND	5.3	0.23	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Di-n-butyl phthalate	ND	5.3	0.50	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506504
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-1Q-PO

0506504-01 (Water)

12/10/05 8:15

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Di-n-octyl phthalate	ND	5.3	0.84	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Fluoranthene	1.4 J	2.1	0.27	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Fluorene	**5.8**	2.1	0.48	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Hexachlorobenzene	ND	5.3	0.26	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Hexachlorobutadiene	ND	5.3	0.33	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Hexachlorocyclopentadiene	ND	5.3	0.29	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Hexachloroethane	ND	5.3	0.37	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Indeno(1,2,3-cd)pyrene	ND	2.1	0.82	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Isophorone	ND	5.3	0.22	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Naphthalene	ND	5.3	0.33	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Nitrobenzene	ND	5.3	0.28	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
N-Nitrosodimethylamine	ND	5.3	0.27	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
N-Nitrosodi-n-propylamine	ND	5.3	0.33	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
N-Nitrosodiphenylamine	ND	5.3	0.33	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Pentachlorophenol	ND	5.3	0.58	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Phenanthrene	**4.2**	2.1	0.22	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Phenol	ND	11	2.2	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	gp
Pyrene	0.80 J	2.1	0.53	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Pyridine	ND	11	2.6	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Surrogate: 2,4,6-Tribromophenol	*86.6 %*	*Limits: 65-100%*			*B5L0244*	*12/15/05*	*12/16/05*	*EPA 8270C*	
Surrogate: 2-Fluorobiphenyl	*78.5 %*	*Limits: 59-101%*			*B5L0244*	*12/15/05*	*12/16/05*	*EPA 8270C*	
Surrogate: 2-Fluorophenol	*49.5 %*	*Limits: 30-75%*			*B5L0244*	*12/15/05*	*12/16/05*	*EPA 8270C*	
Surrogate: Nitrobenzene-d5	*75.5 %*	*Limits: 57-101%*			*B5L0244*	*12/15/05*	*12/16/05*	*EPA 8270C*	
Surrogate: Phenol-d6	*47.3 %*	*Limits: 30-75%*			*B5L0244*	*12/15/05*	*12/16/05*	*EPA 8270C*	
Surrogate: Terphenyl-d14	*83.8 %*	*Limits: 65-100%*			*B5L0244*	*12/15/05*	*12/16/05*	*EPA 8270C*	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-1Q-PO

0506504-01 (Water)

12/10/05 8:15

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	0.71	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	vfa
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	vfa
1,1,2,2-Tetrachloroethane	ND	5.0	1.2	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	vfa
1,1,2-Trichloroethane	ND	5.0	1.0	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	vfa
1,1,2-Trichlorotrifluoroethane	ND	5.0	0.58	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	vfa
1,1-Dichloroethane	ND	5.0	0.26	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	vfa
1,1-Dichloroethene	ND	5.0	0.42	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	vfa
1,1-Dichloropropene	ND	5.0	0.36	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	vfa
1,2,3-Trichlorobenzene	ND	5.0	0.55	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	vfa
1,2,3-Trichloropropane	ND	5.0	1.5	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	vfa
1,2,4-Trichlorobenzene	**8.1**	5.0	0.72	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	vfa
1,2,4-Trimethylbenzene	ND	5.0	0.36	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	vfa
1,2-Dibromo-3-chloropropane	ND	5.0	2.0	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	vfa
1,2-Dibromoethane	ND	5.0	0.32	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	vfa
1,2-Dichlorobenzene	**46**	5.0	0.60	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	vfa
1,2-Dichloroethane	ND	5.0	0.26	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	vfa
1,2-Dichloropropane	ND	5.0	0.25	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	vfa
1,3,5-Trimethylbenzene	**10**	5.0	0.48	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	vfa
1,3-Dichlorobenzene	**13**	5.0	0.42	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	vfa
1,3-Dichloropropane	ND	5.0	0.64	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	vfa
1,4-Dichlorobenzene	**120**	5.0	0.60	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	vfa
2,2-Dichloropropane	ND	5.0	0.52	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	vfa
2-Butanone (MEK)	ND	50	6.6	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	vfa
2-Chlorotoluene	ND	5.0	0.98	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	vfa
4-Chlorotoluene	ND	5.0	0.66	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	vfa
4-Isopropyltoluene	ND	5.0	0.29	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	vfa
Acetone	ND	100	7.7	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	vfa
Allyl Chloride	ND	5.0	1.3	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	vfa
Benzene	**8.6**	5.0	0.22	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	vfa

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Service Engineering Group	Client Ref:05500	Work Order #: 0506504
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-1Q-PO

0506504-01 (Water)

12/10/05 8:15

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Bromobenzene	ND	5.0	0.74	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	vfa
Bromochloromethane	ND	5.0	1.1	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	vfa
Bromodichloromethane	ND	5.0	0.53	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	vfa
Bromoform	ND	25	0.64	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	vfa
Bromomethane	ND	5.0	0.68	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	vfa
Carbon Tetrachloride	ND	5.0	0.28	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	vfa
Chlorobenzene	**92**	5.0	0.21	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	vfa
Chlorodibromomethane	ND	5.0	0.14	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	vfa
Chloroethane	ND	5.0	0.56	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	vfa
Chloroform	ND	5.0	0.58	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	vfa
Chloromethane	ND	5.0	1.0	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	vfa
cis-1,2-Dichloroethene	ND	5.0	0.52	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	vfa
cis-1,3-Dichloropropene	ND	5.0	0.20	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	vfa
Dibromomethane	ND	5.0	1.0	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	vfa
Dichlorodifluoromethane	ND	5.0	0.63	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	go, vfa
Dichlorofluoromethane	ND	5.0	0.52	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	vfa
Ethyl Ether	ND	5.0	1.5	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	vfa
Ethylbenzene	**6.4**	5.0	0.52	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	vfa
Hexachlorobutadiene	ND	10	1.2	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	vfa
Isopropylbenzene	ND	5.0	0.32	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	vfa
m,p-Xylenes	ND	5.0	0.64	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	vfa
Methyl Isobutyl Ketone	ND	25	2.1	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	vfa
Methylene chloride	ND	25	3.2	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	vfa
Methyl-t-butyl ether	ND	5.0	0.60	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	vfa
Naphthalene	ND	5.0	0.50	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	vfa
n-Butylbenzene	ND	5.0	0.61	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	vfa
n-Propylbenzene	ND	5.0	0.52	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	vfa
o-Xylene	**12**	5.0	0.70	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	vfa
sec-Butylbenzene	**6.8**	5.0	0.21	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	vfa

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Service Engineering Group	Client Ref:05500	Work Order #: 0506504
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-1Q-PO

0506504-01 (Water)

12/10/05 8:15

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Styrene	ND	5.0	0.24	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	vfa
tert-Butylbenzene	ND	5.0	0.50	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	vfa
Tetrachloroethene	ND	10	0.95	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	vfa
Tetrahydrofuran	ND	25	5.8	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	vfa
Toluene	**13**	5.0	0.86	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	vfa
trans-1,2-Dichloroethene	ND	5.0	0.68	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	vfa
trans-1,3-Dichloropropene	ND	5.0	0.60	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	vfa
Trichloroethene	ND	5.0	0.36	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	vfa
Trichlorofluoromethane	ND	5.0	0.95	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	vfa
Vinyl chloride	ND	5.0	1.2	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	vfa
Surrogate: 1,2-Dichloroethane-d4	*102 %*	*Limits: 82-128%*			*B5L0373*	*12/19/05*	*12/20/05*	*EPA 8260B*	*vfa*
Surrogate: 4-Bromofluorobenzene	*106 %*	*Limits: 76-119%*			*B5L0373*	*12/19/05*	*12/20/05*	*EPA 8260B*	*vfa*
Surrogate: Dibromofluoromethane	*96.4 %*	*Limits: 79-127%*			*B5L0373*	*12/19/05*	*12/20/05*	*EPA 8260B*	*vfa*
Surrogate: Toluene-d8	*98.8 %*	*Limits: 82-116%*			*B5L0373*	*12/19/05*	*12/20/05*	*EPA 8260B*	*vfa*

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Service Engineering Group	Client Ref:05500	Work Order #: 0506504
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-1Q-DCN

0506504-02 (Water)

12/12/05 10:00

Metals

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Mercury	ND	0.20	0.011	ug/L	B5L0207	12/13/05	12/14/05	EPA 7470A	

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,2,4-Trichlorobenzene	ND	5.0	0.33	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
1,2-Dichlorobenzene	ND	5.0	0.27	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
1,2-Diphenylhydrazine	ND	5.0	0.37	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
1,3-Dichlorobenzene	ND	5.0	0.30	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
1,4-Dichlorobenzene	ND	5.0	0.29	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
2,4,5-Trichlorophenol	ND	5.0	0.15	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
2,4,6-Trichlorophenol	ND	5.0	0.23	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
2,4-Dichlorophenol	ND	10	0.28	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
2,4-Dimethylphenol	ND	5.0	0.40	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
2,4-Dinitrophenol	ND	5.0	0.96	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
2,4-Dinitrotoluene	ND	5.0	0.20	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
2,6-Dinitrotoluene	ND	5.0	0.58	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
2-Chloronaphthalene	ND	5.0	0.30	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
2-Chlorophenol	ND	10	0.63	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
2-Methylnaphthalene	ND	5.0	0.39	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
2-Methylphenol	ND	10	2.5	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
2-Nitroaniline	ND	5.0	0.46	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
2-Nitrophenol	ND	10	0.54	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
3,3-Dichlorobenzidine	ND	5.0	0.54	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
3-/4-Methylphenol	ND	10	0.28	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
3-Nitroaniline	ND	5.0	0.66	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
4,6-Dinitro-2-methylphenol	ND	5.0	0.70	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
4-Bromophenyl phenyl ether	ND	5.0	0.24	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
4-Chloro-3-methylphenol	ND	5.0	0.23	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
4-Chloroaniline	ND	5.0	0.59	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506504
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-1Q-DCN

0506504-02 (Water)

12/12/05 10:00

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
4-Chlorophenyl phenyl ether	ND	2.0	0.25	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
4-Nitroaniline	ND	5.0	0.34	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
4-Nitrophenol	ND	5.0	0.82	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Acenaphthene	ND	2.0	0.26	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Acenaphthylene	ND	2.0	0.19	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Aniline	ND	5.0	0.88	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Anthracene	ND	2.0	0.21	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Benz(a)anthracene	ND	2.0	0.71	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Benzo(a)pyrene	ND	2.0	0.77	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Benzo(b)fluoranthene	ND	2.0	0.42	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Benzo(g,h,i)perylene	ND	2.0	0.67	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Benzo(k)fluoranthene	ND	2.0	0.75	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Benzyl alcohol	ND	10	0.32	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
bis(2-Chloroethoxy)methane	ND	5.0	0.34	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Bis(2-Chloroethyl)ether	ND	5.0	0.42	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Bis(2-chloroisopropyl)ether	ND	5.0	0.32	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Bis(2-Ethylhexyl)phthalate	ND	5.0	1.5	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Butyl benzyl phthalate	ND	5.0	0.31	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Carbazole	ND	5.0	0.34	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Chrysene	ND	2.0	0.70	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Dibenz(a,h)anthracene	ND	2.0	0.78	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Dibenzofuran	ND	5.0	0.27	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Diethylphthalate	ND	5.0	0.30	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Dimethyl phthalate	ND	5.0	0.21	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Di-n-butyl phthalate	ND	5.0	0.47	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Di-n-octyl phthalate	ND	5.0	0.80	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Fluoranthene	ND	2.0	0.26	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Fluorene	ND	2.0	0.46	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506504
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-1Q-DCN

0506504-02 (Water)

12/12/05 10:00

Semivolatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Hexachlorobenzene	ND	5.0	0.24	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Hexachlorobutadiene	ND	5.0	0.31	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Hexachlorocyclopentadiene	ND	5.0	0.28	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Hexachloroethane	ND	5.0	0.35	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Indeno(1,2,3-cd)pyrene	ND	2.0	0.78	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Isophorone	ND	5.0	0.21	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Naphthalene	ND	5.0	0.32	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Nitrobenzene	ND	5.0	0.27	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
N-Nitrosodimethylamine	ND	5.0	0.26	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
N-Nitrosodi-n-propylamine	ND	5.0	0.31	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
N-Nitrosodiphenylamine	ND	5.0	0.31	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Pentachlorophenol	ND	5.0	0.54	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Phenanthrene	ND	2.0	0.21	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Phenol	ND	10	2.1	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	gp
Pyrene	ND	2.0	0.50	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Pyridine	ND	10	2.4	ug/L	B5L0244	12/15/05	12/16/05	EPA 8270C	
Surrogate: 2,4,6-Tribromophenol	*71.2 %*	*Limits: 65-100%*			*B5L0244*	*12/15/05*	*12/16/05*	*EPA 8270C*	
Surrogate: 2-Fluorobiphenyl	*74.1 %*	*Limits: 59-101%*			*B5L0244*	*12/15/05*	*12/16/05*	*EPA 8270C*	
Surrogate: 2-Fluorophenol	*40.0 %*	*Limits: 30-75%*			*B5L0244*	*12/15/05*	*12/16/05*	*EPA 8270C*	
Surrogate: Nitrobenzene-d5	*66.9 %*	*Limits: 57-101%*			*B5L0244*	*12/15/05*	*12/16/05*	*EPA 8270C*	
Surrogate: Phenol-d6	*36.6 %*	*Limits: 30-75%*			*B5L0244*	*12/15/05*	*12/16/05*	*EPA 8270C*	
Surrogate: Terphenyl-d14	*74.1 %*	*Limits: 65-100%*			*B5L0244*	*12/15/05*	*12/16/05*	*EPA 8270C*	

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	
1,1,1-Trichloroethane	ND	1.0	0.050	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-1Q-DCN

0506504-02 (Water)

12/12/05 10:00

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	
1,1,2-Trichlorotrifluoroethane	ND	1.0	0.12	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	
1,1-Dichloroethane	ND	1.0	0.053	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	
1,1-Dichloroethene	ND	1.0	0.085	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	
1,1-Dichloropropene	ND	1.0	0.073	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	
1,2,3-Trichlorobenzene	ND	1.0	0.11	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	
1,2,3-Trichloropropane	ND	1.0	0.30	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	
1,2,4-Trichlorobenzene	ND	1.0	0.14	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	
1,2,4-Trimethylbenzene	ND	1.0	0.071	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	
1,2-Dibromo-3-chloropropane	ND	1.0	0.41	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	
1,2-Dibromoethane	ND	1.0	0.064	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	
1,2-Dichlorobenzene	ND	1.0	0.12	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	
1,2-Dichloroethane	ND	1.0	0.053	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	
1,2-Dichloropropane	ND	1.0	0.050	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	
1,3,5-Trimethylbenzene	ND	1.0	0.097	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	
1,3-Dichlorobenzene	ND	1.0	0.083	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	
1,3-Dichloropropane	ND	1.0	0.13	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	
1,4-Dichlorobenzene	ND	1.0	0.12	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	
2,2-Dichloropropane	ND	1.0	0.10	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	
2-Butanone (MEK)	ND	10	1.3	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	
2-Chlorotoluene	ND	1.0	0.20	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	
4-Chlorotoluene	ND	1.0	0.13	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	
4-Isopropyltoluene	ND	1.0	0.058	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	
Acetone	ND	20	1.5	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	
Allyl Chloride	ND	1.0	0.26	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	
Benzene	ND	1.0	0.045	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	
Bromobenzene	ND	1.0	0.15	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	

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BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:05500	Work Order #: 0506504
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-1Q-DCN

0506504-02 (Water)

12/12/05 10:00

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Bromochloromethane	ND	1.0	0.21	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	
Bromodichloromethane	**4.8**	1.0	0.11	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	
Bromoform	ND	5.0	0.13	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	
Bromomethane	ND	1.0	0.14	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	
Carbon Tetrachloride	ND	1.0	0.057	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	
Chlorobenzene	ND	1.0	0.042	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	
Chlorodibromomethane	ND	1.0	0.028	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	
Chloroethane	ND	1.0	0.11	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	
Chloroform	**13**	1.0	0.12	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	
Chloromethane	**1.7**	1.0	0.20	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.0	0.10	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.0	0.041	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	
Dibromomethane	ND	1.0	0.20	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	
Dichlorodifluoromethane	ND	1.0	0.13	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	go
Dichlorofluoromethane	ND	1.0	0.10	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	
Ethyl Ether	ND	1.0	0.31	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	
Ethylbenzene	ND	1.0	0.10	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	
Hexachlorobutadiene	ND	2.0	0.24	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	
Isopropylbenzene	ND	1.0	0.064	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	
m,p-Xylenes	ND	1.0	0.13	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	
Methyl Isobutyl Ketone	ND	5.0	0.42	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	
Methylene chloride	ND	5.0	0.63	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	
Methyl-t-butyl ether	ND	1.0	0.12	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	
Naphthalene	ND	1.0	0.10	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	
n-Butylbenzene	ND	1.0	0.12	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	
n-Propylbenzene	ND	1.0	0.10	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	
o-Xylene	ND	1.0	0.14	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	
sec-Butylbenzene	ND	1.0	0.042	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	
Styrene	ND	1.0	0.047	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	

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11001 Hampshire Ave. S.
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952-995-2020 Fax

Service Engineering Group	Client Ref:05500	Work Order #: 0506504
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

70015-1Q-DCN

0506504-02 (Water)

12/12/05 10:00

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
tert-Butylbenzene	ND	1.0	0.10	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	
Tetrachloroethene	ND	2.0	0.19	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	
Tetrahydrofuran	ND	5.0	1.2	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	
Toluene	ND	1.0	0.17	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	
trans-1,2-Dichloroethene	ND	1.0	0.14	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.0	0.12	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	
Trichloroethene	ND	1.0	0.073	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	
Trichlorofluoromethane	ND	1.0	0.19	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	
Vinyl chloride	ND	1.0	0.25	ug/L	B5L0373	12/19/05	12/20/05	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4	*100 %*	*Limits: 82-128%*			*B5L0373*	*12/19/05*	*12/20/05*	*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene	*104 %*	*Limits: 76-119%*			*B5L0373*	*12/19/05*	*12/20/05*	*EPA 8260B*	
Surrogate: Dibromofluoromethane	*97.2 %*	*Limits: 79-127%*			*B5L0373*	*12/19/05*	*12/20/05*	*EPA 8260B*	
Surrogate: Toluene-d8	*98.0 %*	*Limits: 82-116%*			*B5L0373*	*12/19/05*	*12/20/05*	*EPA 8260B*	

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952-995-2020 Fax

Service Engineering Group	Client Ref:05500	Work Order #: 0506504
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Trip Blank

0506504-03 (Water)

12/12/05 10:00

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	ug/L	B5L0373	12/19/05	12/19/05	EPA 8260B	
1,1,1-Trichloroethane	ND	1.0	0.050	ug/L	B5L0373	12/19/05	12/19/05	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/L	B5L0373	12/19/05	12/19/05	EPA 8260B	
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	B5L0373	12/19/05	12/19/05	EPA 8260B	
1,1,2-Trichlorotrifluoroethane	ND	1.0	0.12	ug/L	B5L0373	12/19/05	12/19/05	EPA 8260B	
1,1-Dichloroethane	ND	1.0	0.053	ug/L	B5L0373	12/19/05	12/19/05	EPA 8260B	
1,1-Dichloroethene	ND	1.0	0.085	ug/L	B5L0373	12/19/05	12/19/05	EPA 8260B	
1,1-Dichloropropene	ND	1.0	0.073	ug/L	B5L0373	12/19/05	12/19/05	EPA 8260B	
1,2,3-Trichlorobenzene	ND	1.0	0.11	ug/L	B5L0373	12/19/05	12/19/05	EPA 8260B	
1,2,3-Trichloropropane	ND	1.0	0.30	ug/L	B5L0373	12/19/05	12/19/05	EPA 8260B	
1,2,4-Trichlorobenzene	ND	1.0	0.14	ug/L	B5L0373	12/19/05	12/19/05	EPA 8260B	
1,2,4-Trimethylbenzene	ND	1.0	0.071	ug/L	B5L0373	12/19/05	12/19/05	EPA 8260B	
1,2-Dibromo-3-chloropropane	ND	1.0	0.41	ug/L	B5L0373	12/19/05	12/19/05	EPA 8260B	
1,2-Dibromoethane	ND	1.0	0.064	ug/L	B5L0373	12/19/05	12/19/05	EPA 8260B	
1,2-Dichlorobenzene	ND	1.0	0.12	ug/L	B5L0373	12/19/05	12/19/05	EPA 8260B	
1,2-Dichloroethane	ND	1.0	0.053	ug/L	B5L0373	12/19/05	12/19/05	EPA 8260B	
1,2-Dichloropropane	ND	1.0	0.050	ug/L	B5L0373	12/19/05	12/19/05	EPA 8260B	
1,3,5-Trimethylbenzene	ND	1.0	0.097	ug/L	B5L0373	12/19/05	12/19/05	EPA 8260B	
1,3-Dichlorobenzene	ND	1.0	0.083	ug/L	B5L0373	12/19/05	12/19/05	EPA 8260B	
1,3-Dichloropropane	ND	1.0	0.13	ug/L	B5L0373	12/19/05	12/19/05	EPA 8260B	
1,4-Dichlorobenzene	ND	1.0	0.12	ug/L	B5L0373	12/19/05	12/19/05	EPA 8260B	
2,2-Dichloropropane	ND	1.0	0.10	ug/L	B5L0373	12/19/05	12/19/05	EPA 8260B	
2-Butanone (MEK)	ND	10	1.3	ug/L	B5L0373	12/19/05	12/19/05	EPA 8260B	
2-Chlorotoluene	ND	1.0	0.20	ug/L	B5L0373	12/19/05	12/19/05	EPA 8260B	
4-Chlorotoluene	ND	1.0	0.13	ug/L	B5L0373	12/19/05	12/19/05	EPA 8260B	
4-Isopropyltoluene	ND	1.0	0.058	ug/L	B5L0373	12/19/05	12/19/05	EPA 8260B	
Acetone	ND	20	1.5	ug/L	B5L0373	12/19/05	12/19/05	EPA 8260B	
Allyl Chloride	ND	1.0	0.26	ug/L	B5L0373	12/19/05	12/19/05	EPA 8260B	

BRAUN INTERTEC

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Service Engineering Group	Client Ref:05500	Work Order #: 0506504
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Trip Blank

0506504-03 (Water)

12/12/05 10:00

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	0.045	ug/L	B5L0373	12/19/05	12/19/05	EPA 8260B	
Bromobenzene	ND	1.0	0.15	ug/L	B5L0373	12/19/05	12/19/05	EPA 8260B	
Bromochloromethane	ND	1.0	0.21	ug/L	B5L0373	12/19/05	12/19/05	EPA 8260B	
Bromodichloromethane	ND	1.0	0.11	ug/L	B5L0373	12/19/05	12/19/05	EPA 8260B	
Bromoform	ND	5.0	0.13	ug/L	B5L0373	12/19/05	12/19/05	EPA 8260B	
Bromomethane	ND	1.0	0.14	ug/L	B5L0373	12/19/05	12/19/05	EPA 8260B	
Carbon Tetrachloride	ND	1.0	0.057	ug/L	B5L0373	12/19/05	12/19/05	EPA 8260B	
Chlorobenzene	ND	1.0	0.042	ug/L	B5L0373	12/19/05	12/19/05	EPA 8260B	
Chlorodibromomethane	ND	1.0	0.028	ug/L	B5L0373	12/19/05	12/19/05	EPA 8260B	
Chloroethane	ND	1.0	0.11	ug/L	B5L0373	12/19/05	12/19/05	EPA 8260B	
Chloroform	ND	1.0	0.12	ug/L	B5L0373	12/19/05	12/19/05	EPA 8260B	
Chloromethane	ND	1.0	0.20	ug/L	B5L0373	12/19/05	12/19/05	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.0	0.10	ug/L	B5L0373	12/19/05	12/19/05	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.0	0.041	ug/L	B5L0373	12/19/05	12/19/05	EPA 8260B	
Dibromomethane	ND	1.0	0.20	ug/L	B5L0373	12/19/05	12/19/05	EPA 8260B	
Dichlorodifluoromethane	ND	1.0	0.13	ug/L	B5L0373	12/19/05	12/19/05	EPA 8260B	go
Dichlorofluoromethane	ND	1.0	0.10	ug/L	B5L0373	12/19/05	12/19/05	EPA 8260B	
Ethyl Ether	ND	1.0	0.31	ug/L	B5L0373	12/19/05	12/19/05	EPA 8260B	
Ethylbenzene	ND	1.0	0.10	ug/L	B5L0373	12/19/05	12/19/05	EPA 8260B	
Hexachlorobutadiene	ND	2.0	0.24	ug/L	B5L0373	12/19/05	12/19/05	EPA 8260B	
Isopropylbenzene	ND	1.0	0.064	ug/L	B5L0373	12/19/05	12/19/05	EPA 8260B	
m,p-Xylenes	ND	1.0	0.13	ug/L	B5L0373	12/19/05	12/19/05	EPA 8260B	
Methyl Isobutyl Ketone	ND	5.0	0.42	ug/L	B5L0373	12/19/05	12/19/05	EPA 8260B	
Methylene chloride	ND	5.0	0.63	ug/L	B5L0373	12/19/05	12/19/05	EPA 8260B	
Methyl-t-butyl ether	ND	1.0	0.12	ug/L	B5L0373	12/19/05	12/19/05	EPA 8260B	
Naphthalene	ND	1.0	0.10	ug/L	B5L0373	12/19/05	12/19/05	EPA 8260B	
n-Butylbenzene	ND	1.0	0.12	ug/L	B5L0373	12/19/05	12/19/05	EPA 8260B	
n-Propylbenzene	ND	1.0	0.10	ug/L	B5L0373	12/19/05	12/19/05	EPA 8260B	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506504
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Trip Blank

0506504-03 (Water)

12/12/05 10:00

Volatile Organic Compounds

Analyte	Result	MRL	MDL	Units	Batch	Prepared	Analyzed	Method	Notes
o-Xylene	ND	1.0	0.14	ug/L	B5L0373	12/19/05	12/19/05	EPA 8260B	
sec-Butylbenzene	ND	1.0	0.042	ug/L	B5L0373	12/19/05	12/19/05	EPA 8260B	
Styrene	ND	1.0	0.047	ug/L	B5L0373	12/19/05	12/19/05	EPA 8260B	
tert-Butylbenzene	ND	1.0	0.10	ug/L	B5L0373	12/19/05	12/19/05	EPA 8260B	
Tetrachloroethene	ND	2.0	0.19	ug/L	B5L0373	12/19/05	12/19/05	EPA 8260B	
Tetrahydrofuran	ND	5.0	1.2	ug/L	B5L0373	12/19/05	12/19/05	EPA 8260B	
Toluene	ND	1.0	0.17	ug/L	B5L0373	12/19/05	12/19/05	EPA 8260B	
trans-1,2-Dichloroethene	ND	1.0	0.14	ug/L	B5L0373	12/19/05	12/19/05	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.0	0.12	ug/L	B5L0373	12/19/05	12/19/05	EPA 8260B	
Trichloroethene	ND	1.0	0.073	ug/L	B5L0373	12/19/05	12/19/05	EPA 8260B	
Trichlorofluoromethane	ND	1.0	0.19	ug/L	B5L0373	12/19/05	12/19/05	EPA 8260B	
Vinyl chloride	ND	1.0	0.25	ug/L	B5L0373	12/19/05	12/19/05	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4	*98.8 %*	*Limits: 82-128%*			*B5L0373*	*12/19/05*	*12/19/05*	*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene	*103 %*	*Limits: 76-119%*			*B5L0373*	*12/19/05*	*12/19/05*	*EPA 8260B*	
Surrogate: Dibromofluoromethane	*96.4 %*	*Limits: 79-127%*			*B5L0373*	*12/19/05*	*12/19/05*	*EPA 8260B*	
Surrogate: Toluene-d8	*99.2 %*	*Limits: 82-116%*			*B5L0373*	*12/19/05*	*12/19/05*	*EPA 8260B*	

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675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Classical Chemistry Parameters - Quality Control

Batch B5L0264 - Default Prep GenChem

Method Blank (B5L0264-BLK1) Prepared: 12/15/05 Analyzed: 12/16/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Suspended Solids	ND	5.0	3.6	mg/L	NA	NA	NA	NA	NA	NA	

Laboratory Control Sample (B5L0264-BS1) Prepared: 12/15/05 Analyzed: 12/16/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Suspended Solids	220			mg/L	250	NA	88.0	80-120	NA	NA	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506504
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Metals - Quality Control

Batch B5L0207 - EPA 7470A

Method Blank (B5L0207-BLK1) Prepared: 12/13/05 Analyzed: 12/14/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury, Dissolved	ND	0.20	0.011	ug/L	NA	NA	NA	NA	NA	NA	
Mercury	ND	0.20	0.011	ug/L	NA	NA	NA	NA	NA	NA	

Method Blank (B5L0207-BLK2) Prepared: 12/13/05 Analyzed: 12/14/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury, Dissolved	ND	0.20	0.011	ug/L	NA	NA	NA	NA	NA	NA	
Mercury	ND	0.20	0.011	ug/L	NA	NA	NA	NA	NA	NA	

Laboratory Control Sample (B5L0207-BS1) Prepared: 12/13/05 Analyzed: 12/14/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury, Dissolved	2.65	0.20	0.011	ug/L	2.50	NA	106	85-115	NA	NA	
Mercury	2.65	0.20	0.011	ug/L	2.50	NA	106	85-115	NA	NA	

Laboratory Control Sample Duplicate (B5L0207-BSD1) Prepared: 12/13/05 Analyzed: 12/14/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury, Dissolved	2.63	0.20	0.011	ug/L	2.50	NA	105	85-115	0.758	20	
Mercury	2.63	0.20	0.011	ug/L	2.50	NA	105	85-115	0.758	20	

Matrix Spike (B5L0207-MS1) **Source: 0506504-02** Prepared: 12/13/05 Analyzed: 12/14/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury, Dissolved	2.68	0.20	0.011	ug/L	2.50	ND	107	75-125	NA	NA	
Mercury	2.68	0.20	0.011	ug/L	2.50	ND	107	75-125	NA	NA	

Matrix Spike Duplicate (B5L0207-MSD1) **Source: 0506504-02** Prepared: 12/13/05 Analyzed: 12/14/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury, Dissolved	2.53	0.20	0.011	ug/L	2.50	ND	101	75-125	5.76	20	
Mercury	2.53	0.20	0.011	ug/L	2.50	ND	101	75-125	5.76	20	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506504
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5L0244 - EPA 3510C

Method Blank (B5L0244-BLK1) Prepared: 12/15/05 Analyzed: 12/16/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	ND	5.0	0.33	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	ND	5.0	0.27	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Diphenylhydrazine	ND	5.0	0.37	ug/L	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	ND	5.0	0.30	ug/L	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	ND	5.0	0.29	ug/L	NA	NA	NA	NA	NA	NA	
2,4,5-Trichlorophenol	ND	5.0	0.15	ug/L	NA	NA	NA	NA	NA	NA	
2,4,6-Trichlorophenol	ND	5.0	0.23	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dichlorophenol	ND	10	0.28	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dimethylphenol	ND	5.0	0.40	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dinitrophenol	ND	5.0	0.96	ug/L	NA	NA	NA	NA	NA	NA	
2,4-Dinitrotoluene	ND	5.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
2,6-Dinitrotoluene	ND	5.0	0.58	ug/L	NA	NA	NA	NA	NA	NA	
2-Chloronaphthalene	ND	5.0	0.30	ug/L	NA	NA	NA	NA	NA	NA	
2-Chlorophenol	ND	10	0.63	ug/L	NA	NA	NA	NA	NA	NA	
2-Methylnaphthalene	ND	5.0	0.39	ug/L	NA	NA	NA	NA	NA	NA	
2-Methylphenol	ND	10	2.5	ug/L	NA	NA	NA	NA	NA	NA	
2-Nitroaniline	ND	5.0	0.46	ug/L	NA	NA	NA	NA	NA	NA	
2-Nitrophenol	ND	10	0.54	ug/L	NA	NA	NA	NA	NA	NA	
3,3-Dichlorobenzidine	ND	5.0	0.54	ug/L	NA	NA	NA	NA	NA	NA	
3-/4-Methylphenol	ND	10	0.28	ug/L	NA	NA	NA	NA	NA	NA	
3-Nitroaniline	ND	5.0	0.66	ug/L	NA	NA	NA	NA	NA	NA	
4,6-Dinitro-2-methylphenol	ND	5.0	0.70	ug/L	NA	NA	NA	NA	NA	NA	
4-Bromophenyl phenyl ether	ND	5.0	0.24	ug/L	NA	NA	NA	NA	NA	NA	
4-Chloro-3-methylphenol	ND	5.0	0.23	ug/L	NA	NA	NA	NA	NA	NA	
4-Chloroaniline	ND	5.0	0.59	ug/L	NA	NA	NA	NA	NA	NA	
4-Chlorophenyl phenyl ether	ND	2.0	0.25	ug/L	NA	NA	NA	NA	NA	NA	
4-Nitroaniline	ND	5.0	0.34	ug/L	NA	NA	NA	NA	NA	NA	
4-Nitrophenol	ND	5.0	0.82	ug/L	NA	NA	NA	NA	NA	NA	
Acenaphthene	ND	2.0	0.26	ug/L	NA	NA	NA	NA	NA	NA	
Acenaphthylene	ND	2.0	0.19	ug/L	NA	NA	NA	NA	NA	NA	
Aniline	ND	5.0	0.88	ug/L	NA	NA	NA	NA	NA	NA	
Anthracene	ND	2.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Benz(a)anthracene	ND	2.0	0.71	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(a)pyrene	ND	2.0	0.77	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(b)fluoranthene	ND	2.0	0.42	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(g,h,i)perylene	ND	2.0	0.67	ug/L	NA	NA	NA	NA	NA	NA	
Benzo(k)fluoranthene	ND	2.0	0.75	ug/L	NA	NA	NA	NA	NA	NA	
Benzyl alcohol	ND	10	0.32	ug/L	NA	NA	NA	NA	NA	NA	
bis(2-Chloroethoxy)methane	ND	5.0	0.34	ug/L	NA	NA	NA	NA	NA	NA	

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5L0244 - EPA 3510C

Method Blank (B5L0244-BLK1) Prepared: 12/15/05 Analyzed: 12/16/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Bis(2-Chloroethyl)ether	ND	5.0	0.42	ug/L	NA	NA	NA	NA	NA	NA	
Bis(2-chloroisopropyl)ether	ND	5.0	0.32	ug/L	NA	NA	NA	NA	NA	NA	
Bis(2-Ethylhexyl)phthalate	ND	5.0	1.5	ug/L	NA	NA	NA	NA	NA	NA	
Butyl benzyl phthalate	ND	5.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
Carbazole	ND	5.0	0.34	ug/L	NA	NA	NA	NA	NA	NA	
Chrysene	ND	2.0	0.70	ug/L	NA	NA	NA	NA	NA	NA	
Dibenz(a,h)anthracene	ND	2.0	0.78	ug/L	NA	NA	NA	NA	NA	NA	
Dibenzofuran	ND	5.0	0.27	ug/L	NA	NA	NA	NA	NA	NA	
Diethylphthalate	ND	5.0	0.30	ug/L	NA	NA	NA	NA	NA	NA	
Dimethyl phthalate	ND	5.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Di-n-butyl phthalate	ND	5.0	0.47	ug/L	NA	NA	NA	NA	NA	NA	
Di-n-octyl phthalate	ND	5.0	0.80	ug/L	NA	NA	NA	NA	NA	NA	
Fluoranthene	ND	2.0	0.26	ug/L	NA	NA	NA	NA	NA	NA	
Fluorene	ND	2.0	0.46	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorobenzene	ND	5.0	0.24	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorobutadiene	ND	5.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorocyclopentadiene	ND	5.0	0.28	ug/L	NA	NA	NA	NA	NA	NA	
Hexachloroethane	ND	5.0	0.35	ug/L	NA	NA	NA	NA	NA	NA	
Indeno(1,2,3-cd)pyrene	ND	2.0	0.78	ug/L	NA	NA	NA	NA	NA	NA	
Isophorone	ND	5.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Naphthalene	ND	5.0	0.32	ug/L	NA	NA	NA	NA	NA	NA	
Nitrobenzene	ND	5.0	0.27	ug/L	NA	NA	NA	NA	NA	NA	
N-Nitrosodimethylamine	ND	5.0	0.26	ug/L	NA	NA	NA	NA	NA	NA	
N-Nitrosodi-n-propylamine	ND	5.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
N-Nitrosodiphenylamine	ND	5.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
Pentachlorophenol	ND	5.0	0.54	ug/L	NA	NA	NA	NA	NA	NA	
Phenanthrene	ND	2.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Phenol	ND	10	2.1	ug/L	NA	NA	NA	NA	NA	NA	
Pyrene	ND	2.0	0.50	ug/L	NA	NA	NA	NA	NA	NA	
Pyridine	ND	10	2.4	ug/L	NA	NA	NA	NA	NA	NA	
Surrogate: 2,4,6-Tribromophenol	*36.0*			ug/L	*50.0*	*NA*	*72.0*	*65-100*			
Surrogate: 2-Fluorobiphenyl	*18.2*			ug/L	*25.0*	*NA*	*72.8*	*59-101*			
Surrogate: 2-Fluorophenol	*20.0*			ug/L	*50.0*	*NA*	*40.0*	*30-75*			
Surrogate: Nitrobenzene-d5	*18.0*			ug/L	*25.0*	*NA*	*72.0*	*57-101*			
Surrogate: Phenol-d6	*19.0*			ug/L	*50.0*	*NA*	*38.0*	*30-75*			
Surrogate: Terphenyl-d14	*20.4*			ug/L	*25.0*	*NA*	*81.6*	*65-100*			

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675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5L0244 - EPA 3510C

Laboratory Control Sample (B5L0244-BS1) Prepared: 12/15/05 Analyzed: 12/16/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	27.8	5.0	0.33	ug/L	50.0	NA	55.6	30-120	NA	NA	
1,4-Dichlorobenzene	26.8	5.0	0.29	ug/L	50.0	NA	53.6	40-110	NA	NA	
2-Chlorophenol	27.1	10	0.63	ug/L	50.0	NA	54.2	40-100	NA	NA	
4-Chloro-3-methylphenol	33.0	5.0	0.23	ug/L	50.0	NA	66.0	50-110	NA	NA	
4-Nitrophenol	21.7	5.0	0.82	ug/L	50.0	NA	43.4	30-80	NA	NA	
Acenaphthene	33.6	2.0	0.26	ug/L	50.0	NA	67.2	50-110	NA	NA	
N-Nitrosodi-n-propylamine	36.2	5.0	0.31	ug/L	50.0	NA	72.4	45-120	NA	NA	
Pentachlorophenol	37.8	5.0	0.54	ug/L	50.0	NA	75.6	45-115	NA	NA	
Phenol	17.5	10	2.1	ug/L	50.0	NA	35.0	30-80	NA	NA	
Pyrene	41.3	2.0	0.50	ug/L	50.0	NA	82.6	55-120	NA	NA	
Surrogate: 2,4,6-Tribromophenol	*40.3*			ug/L	*50.0*	*NA*	*80.6*	*65-100*			
Surrogate: 2-Fluorobiphenyl	*17.0*			ug/L	*25.0*	*NA*	*68.0*	*59-101*			
Surrogate: 2-Fluorophenol	*19.2*			ug/L	*50.0*	*NA*	*38.4*	*30-75*			
Surrogate: Nitrobenzene-d5	*15.7*			ug/L	*25.0*	*NA*	*62.8*	*57-101*			
Surrogate: Phenol-d6	*17.8*			ug/L	*50.0*	*NA*	*35.6*	*30-75*			
Surrogate: Terphenyl-d14	*19.9*			ug/L	*25.0*	*NA*	*79.6*	*65-100*			

Laboratory Control Sample Duplicate (B5L0244-BSD1) Prepared: 12/15/05 Analyzed: 12/16/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	32.6	5.0	0.33	ug/L	50.0	NA	65.2	30-120	15.9	20	
1,4-Dichlorobenzene	32.5	5.0	0.29	ug/L	50.0	NA	65.0	40-110	19.2	20	
2-Chlorophenol	32.8	10	0.63	ug/L	50.0	NA	65.6	40-100	19.0	20	
4-Chloro-3-methylphenol	37.4	5.0	0.23	ug/L	50.0	NA	74.8	50-110	12.5	20	
4-Nitrophenol	23.0	5.0	0.82	ug/L	50.0	NA	46.0	30-80	5.82	20	
Acenaphthene	36.0	2.0	0.26	ug/L	50.0	NA	72.0	50-110	6.90	20	
N-Nitrosodi-n-propylamine	42.2	5.0	0.31	ug/L	50.0	NA	84.4	45-120	15.3	20	
Pentachlorophenol	39.1	5.0	0.54	ug/L	50.0	NA	78.2	45-115	3.38	20	
Phenol	21.8	10	2.1	ug/L	50.0	NA	43.6	30-80	21.9	20	
Pyrene	41.6	2.0	0.50	ug/L	50.0	NA	83.2	55-120	0.724	20	
Surrogate: 2,4,6-Tribromophenol	*39.7*			ug/L	*50.0*	*NA*	*79.4*	*65-100*			
Surrogate: 2-Fluorobiphenyl	*19.0*			ug/L	*25.0*	*NA*	*76.0*	*59-101*			
Surrogate: 2-Fluorophenol	*23.2*			ug/L	*50.0*	*NA*	*46.4*	*30-75*			
Surrogate: Nitrobenzene-d5	*18.7*			ug/L	*25.0*	*NA*	*74.8*	*57-101*			
Surrogate: Phenol-d6	*22.0*			ug/L	*50.0*	*NA*	*44.0*	*30-75*			
Surrogate: Terphenyl-d14	*20.6*			ug/L	*25.0*	*NA*	*82.4*	*65-100*			

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Semivolatile Organic Compounds - Quality Control

Batch B5L0244 - EPA 3510C

Matrix Spike (B5L0244-MS1) **Source: 0506504-02** Prepared: 12/15/05 Analyzed: 12/16/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	69.8	11	0.70	ug/L	106	ND	65.8	30-130	NA	NA	
1,4-Dichlorobenzene	69.4	11	0.62	ug/L	106	ND	65.5	30-130	NA	NA	
2-Chlorophenol	72.5	21	1.3	ug/L	106	ND	68.4	30-130	NA	NA	
4-Chloro-3-methylphenol	84.0	11	0.50	ug/L	106	ND	79.2	30-130	NA	NA	
4-Nitrophenol	78.9	11	1.7	ug/L	106	ND	74.4	30-130	NA	NA	
Acenaphthene	75.6	4.3	0.56	ug/L	106	ND	71.3	30-130	NA	NA	
N-Nitrosodi-n-propylamine	88.4	11	0.66	ug/L	106	ND	83.4	30-130	NA	NA	
Pentachlorophenol	87.1	11	1.2	ug/L	106	ND	82.2	30-130	NA	NA	
Phenol	71.7	21	4.5	ug/L	106	ND	67.6	30-130	NA	NA	
Pyrene	90.0	4.3	1.1	ug/L	106	ND	84.9	30-130	NA	NA	
Surrogate: 2,4,6-Tribromophenol	*84.4*			ug/L	*106*	*NA*	*79.6*	*65-100*			
Surrogate: 2-Fluorobiphenyl	*39.8*			ug/L	*53.2*	*NA*	*74.8*	*59-101*			
Surrogate: 2-Fluorophenol	*65.1*			ug/L	*106*	*NA*	*61.4*	*30-75*			
Surrogate: Nitrobenzene-d5	*39.0*			ug/L	*53.2*	*NA*	*73.3*	*57-101*			
Surrogate: Phenol-d6	*71.6*			ug/L	*106*	*NA*	*67.5*	*30-75*			
Surrogate: Terphenyl-d14	*45.1*			ug/L	*53.2*	*NA*	*84.8*	*65-100*			

Matrix Spike Duplicate (B5L0244-MSD1) **Source: 0506504-02** Prepared: 12/15/05 Analyzed: 12/16/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	58.8	9.4	0.62	ug/L	94.3	ND	62.4	30-130	17.1	30	
1,4-Dichlorobenzene	58.8	9.4	0.55	ug/L	94.3	ND	62.4	30-130	16.5	30	
2-Chlorophenol	62.1	19	1.2	ug/L	94.3	ND	65.9	30-130	15.5	30	
4-Chloro-3-methylphenol	69.1	9.4	0.44	ug/L	94.3	ND	73.3	30-130	19.5	30	
4-Nitrophenol	64.5	9.4	1.5	ug/L	94.3	ND	68.4	30-130	20.1	30	
Acenaphthene	65.8	3.8	0.49	ug/L	94.3	ND	69.8	30-130	13.9	30	
N-Nitrosodi-n-propylamine	73.8	9.4	0.59	ug/L	94.3	ND	78.3	30-130	18.0	30	
Pentachlorophenol	72.9	9.4	1.0	ug/L	94.3	ND	77.3	30-130	17.8	30	
Phenol	59.8	19	4.0	ug/L	94.3	ND	63.4	30-130	18.1	30	
Pyrene	76.9	3.8	0.95	ug/L	94.3	ND	81.5	30-130	15.7	30	
Surrogate: 2,4,6-Tribromophenol	*74.9*			ug/L	*94.3*	*NA*	*79.4*	*65-100*			
Surrogate: 2-Fluorobiphenyl	*35.1*			ug/L	*47.2*	*NA*	*74.4*	*59-101*			
Surrogate: 2-Fluorophenol	*56.4*			ug/L	*94.3*	*NA*	*59.8*	*30-75*			
Surrogate: Nitrobenzene-d5	*32.6*			ug/L	*47.2*	*NA*	*69.1*	*57-101*			
Surrogate: Phenol-d6	*59.5*			ug/L	*94.3*	*NA*	*63.1*	*30-75*			
Surrogate: Terphenyl-d14	*38.0*			ug/L	*47.2*	*NA*	*80.5*	*65-100*			

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St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0373 - EPA 5030B

Method Blank (B5L0373-BLK1) Prepared & Analyzed: 12/19/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
1,1,1-Trichloroethane	ND	1.0	0.050	ug/L	NA	NA	NA	NA	NA	NA	
1,1,2,2-Tetrachloroethane	ND	1.0	0.23	ug/L	NA	NA	NA	NA	NA	NA	
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
1,1,2-Trichlorotrifluoroethane	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
1,1-Dichloroethane	ND	1.0	0.053	ug/L	NA	NA	NA	NA	NA	NA	
1,1-Dichloroethene	ND	1.0	0.085	ug/L	NA	NA	NA	NA	NA	NA	
1,1-Dichloropropene	ND	1.0	0.073	ug/L	NA	NA	NA	NA	NA	NA	
1,2,3-Trichlorobenzene	ND	1.0	0.11	ug/L	NA	NA	NA	NA	NA	NA	
1,2,3-Trichloropropane	ND	1.0	0.30	ug/L	NA	NA	NA	NA	NA	NA	
1,2,4-Trichlorobenzene	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
1,2,4-Trimethylbenzene	ND	1.0	0.071	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dibromo-3-chloropropane	ND	1.0	0.41	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dibromoethane	ND	1.0	0.064	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichloroethane	ND	1.0	0.053	ug/L	NA	NA	NA	NA	NA	NA	
1,2-Dichloropropane	ND	1.0	0.050	ug/L	NA	NA	NA	NA	NA	NA	
1,3,5-Trimethylbenzene	ND	1.0	0.097	ug/L	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	ND	1.0	0.083	ug/L	NA	NA	NA	NA	NA	NA	
1,3-Dichloropropane	ND	1.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
2,2-Dichloropropane	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
2-Butanone (MEK)	ND	10	1.3	ug/L	NA	NA	NA	NA	NA	NA	
2-Chlorotoluene	ND	1.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
4-Chlorotoluene	ND	1.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
4-Isopropyltoluene	ND	1.0	0.058	ug/L	NA	NA	NA	NA	NA	NA	
Acetone	ND	20	1.5	ug/L	NA	NA	NA	NA	NA	NA	
Allyl Chloride	ND	1.0	0.26	ug/L	NA	NA	NA	NA	NA	NA	
Benzene	ND	1.0	0.045	ug/L	NA	NA	NA	NA	NA	NA	
Bromobenzene	ND	1.0	0.15	ug/L	NA	NA	NA	NA	NA	NA	
Bromochloromethane	ND	1.0	0.21	ug/L	NA	NA	NA	NA	NA	NA	
Bromodichloromethane	ND	1.0	0.11	ug/L	NA	NA	NA	NA	NA	NA	
Bromoform	ND	5.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
Bromomethane	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
Carbon Tetrachloride	ND	1.0	0.057	ug/L	NA	NA	NA	NA	NA	NA	
Chlorobenzene	ND	1.0	0.042	ug/L	NA	NA	NA	NA	NA	NA	
Chlorodibromomethane	ND	1.0	0.028	ug/L	NA	NA	NA	NA	NA	NA	
Chloroethane	ND	1.0	0.11	ug/L	NA	NA	NA	NA	NA	NA	
Chloroform	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506504
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0373 - EPA 5030B

Method Blank (B5L0373-BLK1) Prepared & Analyzed: 12/19/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	ND	1.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
cis-1,2-Dichloroethene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
cis-1,3-Dichloropropene	ND	1.0	0.041	ug/L	NA	NA	NA	NA	NA	NA	
Dibromomethane	ND	1.0	0.20	ug/L	NA	NA	NA	NA	NA	NA	
Dichlorodifluoromethane	ND	1.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
Dichlorofluoromethane	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
Ethyl Ether	ND	1.0	0.31	ug/L	NA	NA	NA	NA	NA	NA	
Ethylbenzene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
Hexachlorobutadiene	ND	2.0	0.24	ug/L	NA	NA	NA	NA	NA	NA	
Isopropylbenzene	ND	1.0	0.064	ug/L	NA	NA	NA	NA	NA	NA	
m,p-Xylenes	ND	1.0	0.13	ug/L	NA	NA	NA	NA	NA	NA	
Methyl Isobutyl Ketone	ND	5.0	0.42	ug/L	NA	NA	NA	NA	NA	NA	
Methylene chloride	ND	5.0	0.63	ug/L	NA	NA	NA	NA	NA	NA	
Methyl-t-butyl ether	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
Naphthalene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
n-Butylbenzene	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
n-Propylbenzene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
o-Xylene	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
sec-Butylbenzene	ND	1.0	0.042	ug/L	NA	NA	NA	NA	NA	NA	
Styrene	ND	1.0	0.047	ug/L	NA	NA	NA	NA	NA	NA	
tert-Butylbenzene	ND	1.0	0.10	ug/L	NA	NA	NA	NA	NA	NA	
Tetrachloroethene	ND	2.0	0.19	ug/L	NA	NA	NA	NA	NA	NA	
Tetrahydrofuran	ND	5.0	1.2	ug/L	NA	NA	NA	NA	NA	NA	
Toluene	ND	1.0	0.17	ug/L	NA	NA	NA	NA	NA	NA	
trans-1,2-Dichloroethene	ND	1.0	0.14	ug/L	NA	NA	NA	NA	NA	NA	
trans-1,3-Dichloropropene	ND	1.0	0.12	ug/L	NA	NA	NA	NA	NA	NA	
Trichloroethene	ND	1.0	0.073	ug/L	NA	NA	NA	NA	NA	NA	
Trichlorofluoromethane	ND	1.0	0.19	ug/L	NA	NA	NA	NA	NA	NA	
Vinyl chloride	ND	1.0	0.25	ug/L	NA	NA	NA	NA	NA	NA	
Surrogate: 1,2-Dichloroethane-d4	*24.6*			ug/L	*25.0*	*NA*	*98.4*	*82-128*			
Surrogate: 4-Bromofluorobenzene	*25.6*			ug/L	*25.0*	*NA*	*102*	*76-119*			
Surrogate: Dibromofluoromethane	*24.2*			ug/L	*25.0*	*NA*	*96.8*	*79-127*			
Surrogate: Toluene-d8	*24.7*			ug/L	*25.0*	*NA*	*98.8*	*82-116*			

The results in this report apply only to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Service Engineering Group	Client Ref:05500	Work Order #: 0506504
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0373 - EPA 5030B

Laboratory Control Sample (B5L0373-BS1) Prepared & Analyzed: 12/19/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	25.5	1.0	0.14	ug/L	25.0	NA	102	80-120	NA	NA	
1,1,1-Trichloroethane	25.4	1.0	0.050	ug/L	25.0	NA	102	80-120	NA	NA	
1,1,2,2-Tetrachloroethane	25.0	1.0	0.23	ug/L	25.0	NA	100	80-120	NA	NA	
1,1,2-Trichloroethane	24.3	1.0	0.20	ug/L	25.0	NA	97.2	80-120	NA	NA	
1,1,2-Trichlorotrifluoroethane	25.5	1.0	0.12	ug/L	25.0	NA	102	80-120	NA	NA	
1,1-Dichloroethane	23.9	1.0	0.053	ug/L	25.0	NA	95.6	80-120	NA	NA	
1,1-Dichloroethene	24.3	1.0	0.085	ug/L	25.0	NA	97.2	80-120	NA	NA	
1,1-Dichloropropene	25.5	1.0	0.073	ug/L	25.0	NA	102	80-120	NA	NA	
1,2,3-Trichlorobenzene	24.6	1.0	0.11	ug/L	25.0	NA	98.4	80-120	NA	NA	
1,2,3-Trichloropropane	24.8	1.0	0.30	ug/L	25.0	NA	99.2	80-120	NA	NA	
1,2,4-Trichlorobenzene	24.2	1.0	0.14	ug/L	25.0	NA	96.8	80-120	NA	NA	
1,2,4-Trimethylbenzene	24.3	1.0	0.071	ug/L	25.0	NA	97.2	80-120	NA	NA	
1,2-Dibromo-3-chloropropane	24.1	1.0	0.41	ug/L	25.0	NA	96.4	80-120	NA	NA	
1,2-Dibromoethane	25.5	1.0	0.064	ug/L	25.0	NA	102	80-120	NA	NA	
1,2-Dichlorobenzene	23.8	1.0	0.12	ug/L	25.0	NA	95.2	80-120	NA	NA	
1,2-Dichloroethane	24.0	1.0	0.053	ug/L	25.0	NA	96.0	80-120	NA	NA	
1,2-Dichloropropane	24.7	1.0	0.050	ug/L	25.0	NA	98.8	80-120	NA	NA	
1,3,5-Trimethylbenzene	24.2	1.0	0.097	ug/L	25.0	NA	96.8	80-120	NA	NA	
1,3-Dichlorobenzene	23.5	1.0	0.083	ug/L	25.0	NA	94.0	80-120	NA	NA	
1,3-Dichloropropane	24.8	1.0	0.13	ug/L	25.0	NA	99.2	80-120	NA	NA	
1,4-Dichlorobenzene	23.2	1.0	0.12	ug/L	25.0	NA	92.8	80-120	NA	NA	
2,2-Dichloropropane	25.1	1.0	0.10	ug/L	25.0	NA	100	80-120	NA	NA	
2-Butanone (MEK)	23.6	10	1.3	ug/L	25.0	NA	94.4	80-120	NA	NA	
2-Chlorotoluene	23.7	1.0	0.20	ug/L	25.0	NA	94.8	80-120	NA	NA	
4-Chlorotoluene	23.7	1.0	0.13	ug/L	25.0	NA	94.8	80-120	NA	NA	
4-Isopropyltoluene	23.9	1.0	0.058	ug/L	25.0	NA	95.6	80-120	NA	NA	
Acetone	23.8	20	1.5	ug/L	25.0	NA	95.2	80-120	NA	NA	
Allyl Chloride	24.3	1.0	0.26	ug/L	25.0	NA	97.2	80-120	NA	NA	
Benzene	24.6	1.0	0.045	ug/L	25.0	NA	98.4	80-120	NA	NA	
Bromobenzene	23.7	1.0	0.15	ug/L	25.0	NA	94.8	80-120	NA	NA	
Bromochloromethane	23.9	1.0	0.21	ug/L	25.0	NA	95.6	80-120	NA	NA	
Bromodichloromethane	25.5	1.0	0.11	ug/L	25.0	NA	102	80-120	NA	NA	
Bromoform	27.4	5.0	0.13	ug/L	25.0	NA	110	80-120	NA	NA	
Bromomethane	27.5	1.0	0.14	ug/L	25.0	NA	110	80-120	NA	NA	
Carbon Tetrachloride	26.3	1.0	0.057	ug/L	25.0	NA	105	80-120	NA	NA	
Chlorobenzene	24.8	1.0	0.042	ug/L	25.0	NA	99.2	80-120	NA	NA	
Chlorodibromomethane	25.7	1.0	0.028	ug/L	25.0	NA	103	80-120	NA	NA	
Chloroethane	22.2	1.0	0.11	ug/L	25.0	NA	88.8	80-120	NA	NA	
Chloroform	23.9	1.0	0.12	ug/L	25.0	NA	95.6	80-120	NA	NA	

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Service Engineering Group	Client Ref:05500	Work Order #: 0506504
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0373 - EPA 5030B

Laboratory Control Sample (B5L0373-BS1) Prepared & Analyzed: 12/19/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	21.8	1.0	0.20	ug/L	25.0	NA	87.2	80-120	NA	NA	
cis-1,2-Dichloroethene	24.0	1.0	0.10	ug/L	25.0	NA	96.0	80-120	NA	NA	
cis-1,3-Dichloropropene	25.5	1.0	0.041	ug/L	25.0	NA	102	80-120	NA	NA	
Dibromomethane	24.4	1.0	0.20	ug/L	25.0	NA	97.6	80-120	NA	NA	
Dichlorodifluoromethane	19.0	1.0	0.13	ug/L	25.0	NA	76.0	80-120	NA	NA	
Dichlorofluoromethane	22.9	1.0	0.10	ug/L	25.0	NA	91.6	80-120	NA	NA	
Ethyl Ether	23.4	1.0	0.31	ug/L	25.0	NA	93.6	80-120	NA	NA	
Ethylbenzene	26.3	1.0	0.10	ug/L	25.0	NA	105	80-120	NA	NA	
Hexachlorobutadiene	23.7	2.0	0.24	ug/L	25.0	NA	94.8	80-120	NA	NA	
Isopropylbenzene	26.6	1.0	0.064	ug/L	25.0	NA	106	80-120	NA	NA	
m,p-Xylenes	51.5	1.0	0.13	ug/L	50.0	NA	103	80-120	NA	NA	
Methyl Isobutyl Ketone	23.4	5.0	0.42	ug/L	25.0	NA	93.6	80-120	NA	NA	
Methylene chloride	21.6	5.0	0.63	ug/L	25.0	NA	86.4	80-120	NA	NA	
Methyl-t-butyl ether	25.4	1.0	0.12	ug/L	25.0	NA	102	80-120	NA	NA	
Naphthalene	23.4	1.0	0.10	ug/L	25.0	NA	93.6	80-120	NA	NA	
n-Butylbenzene	23.8	1.0	0.12	ug/L	25.0	NA	95.2	80-120	NA	NA	
n-Propylbenzene	24.1	1.0	0.10	ug/L	25.0	NA	96.4	80-120	NA	NA	
o-Xylene	26.1	1.0	0.14	ug/L	25.0	NA	104	80-120	NA	NA	
sec-Butylbenzene	24.0	1.0	0.042	ug/L	25.0	NA	96.0	80-120	NA	NA	
Styrene	27.4	1.0	0.047	ug/L	25.0	NA	110	80-120	NA	NA	
tert-Butylbenzene	24.2	1.0	0.10	ug/L	25.0	NA	96.8	80-120	NA	NA	
Tetrachloroethene	24.9	2.0	0.19	ug/L	25.0	NA	99.6	80-120	NA	NA	
Tetrahydrofuran	22.9	5.0	1.2	ug/L	25.0	NA	91.6	80-120	NA	NA	
Toluene	24.3	1.0	0.17	ug/L	25.0	NA	97.2	80-120	NA	NA	
trans-1,2-Dichloroethene	23.9	1.0	0.14	ug/L	25.0	NA	95.6	80-120	NA	NA	
trans-1,3-Dichloropropene	25.7	1.0	0.12	ug/L	25.0	NA	103	80-120	NA	NA	
Trichloroethene	25.0	1.0	0.073	ug/L	25.0	NA	100	80-120	NA	NA	
Trichlorofluoromethane	25.1	1.0	0.19	ug/L	25.0	NA	100	80-120	NA	NA	
Vinyl chloride	24.7	1.0	0.25	ug/L	25.0	NA	98.8	80-120	NA	NA	
Surrogate: 1,2-Dichloroethane-d4	*24.3*			ug/L	*25.0*	*NA*	*97.2*	*82-128*			
Surrogate: 4-Bromofluorobenzene	*27.0*			ug/L	*25.0*	*NA*	*108*	*76-119*			
Surrogate: Dibromofluoromethane	*24.7*			ug/L	*25.0*	*NA*	*98.8*	*79-127*			
Surrogate: Toluene-d8	*25.1*			ug/L	*25.0*	*NA*	*100*	*82-116*			

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Service Engineering Group	Client Ref:05500	Work Order #: 0506504
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0373 - EPA 5030B

Laboratory Control Sample Duplicate (B5L0373-BSD1) Prepared & Analyzed: 12/19/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	25.0	1.0	0.14	ug/L	25.0	NA	100	80-120	1.98	20	
1,1,1-Trichloroethane	24.9	1.0	0.050	ug/L	25.0	NA	99.6	80-120	1.99	20	
1,1,2,2-Tetrachloroethane	24.3	1.0	0.23	ug/L	25.0	NA	97.2	80-120	2.84	20	
1,1,2-Trichloroethane	23.5	1.0	0.20	ug/L	25.0	NA	94.0	80-120	3.35	20	
1,1,2-Trichlorotrifluoroethane	25.5	1.0	0.12	ug/L	25.0	NA	102	80-120	0.00	20	
1,1-Dichloroethane	23.6	1.0	0.053	ug/L	25.0	NA	94.4	80-120	1.26	20	
1,1-Dichloroethene	24.2	1.0	0.085	ug/L	25.0	NA	96.8	80-120	0.412	20	
1,1-Dichloropropene	24.9	1.0	0.073	ug/L	25.0	NA	99.6	80-120	2.38	20	
1,2,3-Trichlorobenzene	21.2	1.0	0.11	ug/L	25.0	NA	84.8	80-120	14.8	20	
1,2,3-Trichloropropane	24.4	1.0	0.30	ug/L	25.0	NA	97.6	80-120	1.63	20	
1,2,4-Trichlorobenzene	22.3	1.0	0.14	ug/L	25.0	NA	89.2	80-120	8.17	20	
1,2,4-Trimethylbenzene	24.1	1.0	0.071	ug/L	25.0	NA	96.4	80-120	0.826	20	
1,2-Dibromo-3-chloropropane	22.9	1.0	0.41	ug/L	25.0	NA	91.6	80-120	5.11	20	
1,2-Dibromoethane	24.9	1.0	0.064	ug/L	25.0	NA	99.6	80-120	2.38	20	
1,2-Dichlorobenzene	23.3	1.0	0.12	ug/L	25.0	NA	93.2	80-120	2.12	20	
1,2-Dichloroethane	24.0	1.0	0.053	ug/L	25.0	NA	96.0	80-120	0.00	20	
1,2-Dichloropropane	23.8	1.0	0.050	ug/L	25.0	NA	95.2	80-120	3.71	20	
1,3,5-Trimethylbenzene	24.0	1.0	0.097	ug/L	25.0	NA	96.0	80-120	0.830	20	
1,3-Dichlorobenzene	23.2	1.0	0.083	ug/L	25.0	NA	92.8	80-120	1.28	20	
1,3-Dichloropropane	23.9	1.0	0.13	ug/L	25.0	NA	95.6	80-120	3.70	20	
1,4-Dichlorobenzene	23.2	1.0	0.12	ug/L	25.0	NA	92.8	80-120	0.00	20	
2,2-Dichloropropane	24.5	1.0	0.10	ug/L	25.0	NA	98.0	80-120	2.42	20	
2-Butanone (MEK)	23.2	10	1.3	ug/L	25.0	NA	92.8	80-120	1.71	20	
2-Chlorotoluene	23.5	1.0	0.20	ug/L	25.0	NA	94.0	80-120	0.847	20	
4-Chlorotoluene	23.8	1.0	0.13	ug/L	25.0	NA	95.2	80-120	0.421	20	
4-Isopropyltoluene	24.0	1.0	0.058	ug/L	25.0	NA	96.0	80-120	0.418	20	
Acetone	25.9	20	1.5	ug/L	25.0	NA	104	80-120	8.45	20	
Allyl Chloride	23.9	1.0	0.26	ug/L	25.0	NA	95.6	80-120	1.66	20	
Benzene	24.0	1.0	0.045	ug/L	25.0	NA	96.0	80-120	2.47	20	
Bromobenzene	23.6	1.0	0.15	ug/L	25.0	NA	94.4	80-120	0.423	20	
Bromochloromethane	23.9	1.0	0.21	ug/L	25.0	NA	95.6	80-120	0.00	20	
Bromodichloromethane	25.2	1.0	0.11	ug/L	25.0	NA	101	80-120	1.18	20	
Bromoform	26.0	5.0	0.13	ug/L	25.0	NA	104	80-120	5.24	20	
Bromomethane	27.0	1.0	0.14	ug/L	25.0	NA	108	80-120	1.83	20	
Carbon Tetrachloride	25.8	1.0	0.057	ug/L	25.0	NA	103	80-120	1.92	20	
Chlorobenzene	24.6	1.0	0.042	ug/L	25.0	NA	98.4	80-120	0.810	20	
Chlorodibromomethane	25.5	1.0	0.028	ug/L	25.0	NA	102	80-120	0.781	20	
Chloroethane	22.7	1.0	0.11	ug/L	25.0	NA	90.8	80-120	2.23	20	
Chloroform	24.2	1.0	0.12	ug/L	25.0	NA	96.8	80-120	1.25	20	

The results in this report apply only to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

BRAUN INTERTEC

11001 Hampshire Ave. S.
Bloomington, MN 55438
952-995-2000 Phone
952-995-2020 Fax

Service Engineering Group	Client Ref:05500	Work Order #: 0506504
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003

Volatile Organic Compounds - Quality Control

Batch B5L0373 - EPA 5030B

Laboratory Control Sample Duplicate (B5L0373-BSD1) Prepared & Analyzed: 12/19/05

Analyte	Result	MRL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	21.2	1.0	0.20	ug/L	25.0	NA	84.8	80-120	2.79	20	
cis-1,2-Dichloroethene	24.0	1.0	0.10	ug/L	25.0	NA	96.0	80-120	0.00	20	
cis-1,3-Dichloropropene	25.2	1.0	0.041	ug/L	25.0	NA	101	80-120	1.18	20	
Dibromomethane	24.5	1.0	0.20	ug/L	25.0	NA	98.0	80-120	0.409	20	
Dichlorodifluoromethane	19.2	1.0	0.13	ug/L	25.0	NA	76.8	80-120	1.05	20	
Dichlorofluoromethane	23.3	1.0	0.10	ug/L	25.0	NA	93.2	80-120	1.73	20	
Ethyl Ether	24.2	1.0	0.31	ug/L	25.0	NA	96.8	80-120	3.36	20	
Ethylbenzene	26.1	1.0	0.10	ug/L	25.0	NA	104	80-120	0.763	20	
Hexachlorobutadiene	23.2	2.0	0.24	ug/L	25.0	NA	92.8	80-120	2.13	20	
Isopropylbenzene	26.7	1.0	0.064	ug/L	25.0	NA	107	80-120	0.375	20	
m,p-Xylenes	51.4	1.0	0.13	ug/L	50.0	NA	103	80-120	0.194	20	
Methyl Isobutyl Ketone	22.3	5.0	0.42	ug/L	25.0	NA	89.2	80-120	4.81	20	
Methylene chloride	21.4	5.0	0.63	ug/L	25.0	NA	85.6	80-120	0.930	20	
Methyl-t-butyl ether	24.4	1.0	0.12	ug/L	25.0	NA	97.6	80-120	4.02	20	
Naphthalene	21.8	1.0	0.10	ug/L	25.0	NA	87.2	80-120	7.08	20	
n-Butylbenzene	23.4	1.0	0.12	ug/L	25.0	NA	93.6	80-120	1.69	20	
n-Propylbenzene	24.4	1.0	0.10	ug/L	25.0	NA	97.6	80-120	1.24	20	
o-Xylene	25.8	1.0	0.14	ug/L	25.0	NA	103	80-120	1.16	20	
sec-Butylbenzene	24.2	1.0	0.042	ug/L	25.0	NA	96.8	80-120	0.830	20	
Styrene	27.1	1.0	0.047	ug/L	25.0	NA	108	80-120	1.10	20	
tert-Butylbenzene	24.4	1.0	0.10	ug/L	25.0	NA	97.6	80-120	0.823	20	
Tetrachloroethene	24.6	2.0	0.19	ug/L	25.0	NA	98.4	80-120	1.21	20	
Tetrahydrofuran	22.5	5.0	1.2	ug/L	25.0	NA	90.0	80-120	1.76	20	
Toluene	23.8	1.0	0.17	ug/L	25.0	NA	95.2	80-120	2.08	20	
trans-1,2-Dichloroethene	23.8	1.0	0.14	ug/L	25.0	NA	95.2	80-120	0.419	20	
trans-1,3-Dichloropropene	25.4	1.0	0.12	ug/L	25.0	NA	102	80-120	1.17	20	
Trichloroethene	25.0	1.0	0.073	ug/L	25.0	NA	100	80-120	0.00	20	
Trichlorofluoromethane	26.1	1.0	0.19	ug/L	25.0	NA	104	80-120	3.91	20	
Vinyl chloride	25.7	1.0	0.25	ug/L	25.0	NA	103	80-120	3.97	20	
Surrogate: 1,2-Dichloroethane-d4	*24.6*			ug/L	*25.0*	*NA*	*98.4*	*82-128*			
Surrogate: 4-Bromofluorobenzene	*27.0*			ug/L	*25.0*	*NA*	*108*	*76-119*			
Surrogate: Dibromofluoromethane	*25.2*			ug/L	*25.0*	*NA*	*101*	*79-127*			
Surrogate: Toluene-d8	*24.7*			ug/L	*25.0*	*NA*	*98.8*	*82-116*			

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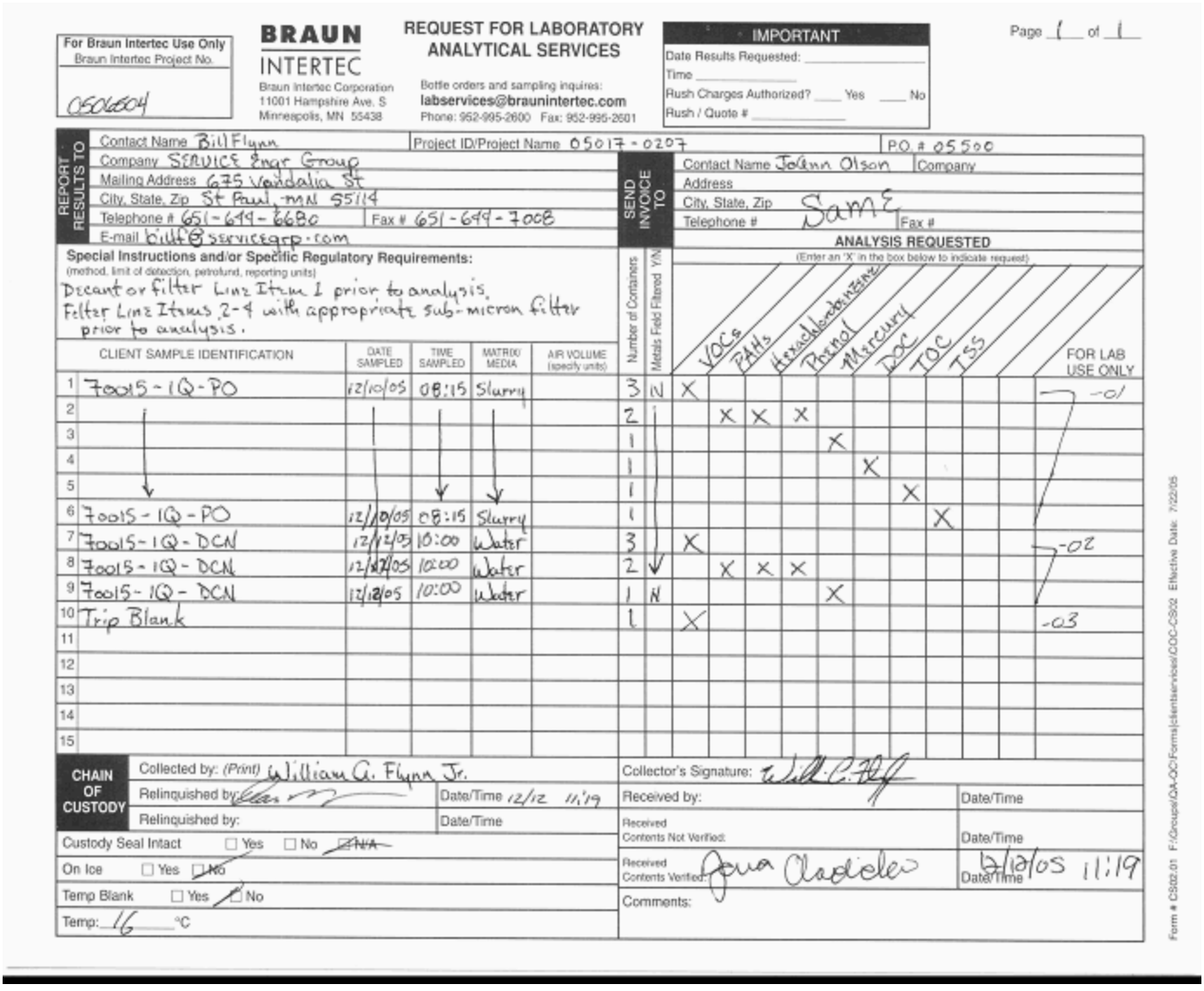
Service Engineering Group	Client Ref:05500	Work Order #: 0506504
675 Vandalia Street	Client Contact:Mr. Bill Flynn	Project Mgr: Steven J. Albrecht
St. Paul MN, 55114-1312	PO Number:	Account ID: CVXX-96-003



BRAUN INTERTEC
Braun Intertec Corporation
11001 Hampshire Ave. S
Minneapolis, MN 55438

REQUEST FOR LABORATORY ANALYTICAL SERVICES

Bottle orders and sampling inquiries:
labservices@braunintertec.com
Phone: 952-995-2600 Fax: 952-995-2601

For Braun Intertec Use Only
Braun Intertec Project No.
0506504

IMPORTANT
Date Results Requested:
Time
Rush Charges Authorized? ___ Yes ___ No
Rush / Quote #

Page 1 of 1

REPORT RESULTS TO
Contact Name Bill Flynn
Company SERVICE Engr Group
Mailing Address 675 Vandalia St
City, State, Zip St Paul, MN 55114
Telephone # 651-699-6680 Fax # 651-699-7008
E-mail billf@serviceegrp.com

Project ID/Project Name 05017-0207
P.O.# 05500

SEND INVOICE TO
Contact Name JoAnn Olson Company
Address
City, State, Zip Same
Telephone # Fax #

Special Instructions and/or Specific Regulatory Requirements:
(method, limit of detection, petrofund, reporting units)
Decant or filter Linz Item 1 prior to analysis.
Filter Linz Items 2-9 with appropriate sub-micron filter prior to analysis.

ANALYSIS REQUESTED
(Enter an 'X' in the box below to indicate request)

	CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)	Number of Containers	Metals Field Filtered Y/N	VOCs	PAHs	Hexachlorobenzene	Phenol	Mercury	DOC	TOC	TSS	FOR LAB USE ONLY
1	70015-1Q-PO	12/10/05	08:15	Slurry		3	N	X								-01
2	"	"	"	"		2	"		X	X	X					"
3	"	"	"	"		1	"					X				"
4	"	"	"	"		1	"						X			"
5	"	"	"	"		1	"							X		"
6	70015-1Q-PO	12/10/05	08:15	Slurry		1	"								X	"
7	70015-1Q-DCN	12/12/05	10:00	Water		3	"	X								-02
8	70015-1Q-DCN	12/12/05	10:00	Water		2	↓		X	X	X					"
9	70015-1Q-DCN	12/12/05	10:00	Water		1	N					X				"
10	Trip Blank					1		X								-03
11																
12																
13																
14																
15																

CHAIN OF CUSTODY
Collected by: (Print) William A. Flynn Jr.
Collector's Signature:
Relinquished by: Date/Time 12/12 11:19
Received by: Date/Time
Relinquished by: Date/Time
Received Contents Not Verified: Date/Time
Custody Seal Intact ☐ Yes ☐ No ☒ N/A
Received Contents Verified: Date/Time 12/12/05 11:19
On Ice ☐ Yes ☐ No
Temp Blank ☐ Yes ☐ No
Temp: 16 °C
Comments:

Form # CS02.01 F:\Groups\QA-QC\Forms\clientservice\COC-CS02 Effective Date: 7/22/05