AVANT Group

Environmental Science and Engineering

Mr. Timothy A. Manges, City Attorney
City of Fort Wayne
1 Main Street
Fort Wayne, Indiana 46802

PRIVILEGED AND CONFIDENTIAL

DRAFT SAMPLING AND ANALYSIS REPORT

OMNISOURCE CORPORATION
1610 NORTH CALHOUN STREET
FORT WAYNE, ALLEN COUNTY, INDIANA

AVANT Group
508 Incentive Drive
Fort Wayne, Indiana 46825

September 4, 2007

Project 07-791-20

TABLE OF CONTENTS

Page

TABLES

FIGURES

APPENDICES

1.0 EXECUTIVE SUMMARY

AVANT Group (AVANT) was retained by the City of Fort Wayne, Division of Community Development (City) to perform sampling and analysis of soil and groundwater at several locations on the OmniSource Corporation site located at 1610 North Calhoun Street, Fort Wayne, Allen County, Indiana. Refer to Figure 1 for the Site Location Map. This investigation was initiated as part of recommendations made to the City by AVANT regarding potential areas of environmental concern on the subject site. AVANT reviewed previous environmental reports prepared for the site and addressed potential concerns in a letter report to the City, *Report Review, OmniSource Corporation Property*, dated June 21, 2007. A *Recommendations from Report Review, OmniSource Corporation Property* letter was also prepared and submitted to the City on June 21, 2007.

Five potential areas of concern were identified during the report reviews. These areas included:

Area 1 - Gasoline USTs removed in 1985 without documentation
Area 2 - Gasoline and Diesel USTs removed on-site in 1994.
Area 3 – Gasoline and Diesel USTs removed on-site in 2000.
Area 4 – Railroad spur area on the southeast portion of the site, and
Area 5 – Site-wide concerns related to historic site use.

Areas 2 and 3 appeared to have been appropriately addressed based on the reviewed documentation and did not appear to pose a significant risk to the environmental integrity of the site. Therefore, no additional investigation was performed in these areas.

Area 1 previously contained two (2), 4,000-gallon gasoline underground storage tanks (USTs) that were connected together by a manifold. The USTs were allegedly closed through removal at the site in 1985. However, no further information regarding the UST closure was available for review. Therefore, AVANT performed four (4) soil borings in the proximate vicinity of the former UST cavity. Two of the soil borings were converted to temporary wells and the groundwater was collected for analysis. Soil samples were also collected from the borings for analysis. The analytical results obtained did not indicate the presence of significant soil and/or groundwater contamination in the vicinity of these former USTs.

Area 4 is a portion of the former railroad spurs that were located on the southeast portion of the site. An investigation in 1998 indicated the presence of total petroleum hydrocarbon (TPH) contamination of the surface soils on this portion of the site. The current investigation also identified elevated concentrations of TPH in the near surface soils on this portion of the site.

Area 5 constitutes the site in its entirety, primarily the area inside the fence on the east side of Calhoun Street. This area includes the former scrap yard, metal shearing operations, metal baling operations, and the former area occupied by the historic railroad roundhouse. AVANT collected five (5) random soil samples on the site from a depth of approximately one-half foot below surface grade. These samples were analyzed for polychlorinated biphenyls (PCBs) and total Resource Conservation and Recovery Act (RCRA) metals. PCBs and metals were found in soils at concentrations exceeding current regulatory default closure levels for residential and industrial sites.

Based on the findings of this investigation, it appears that significant, widespread soil contamination is present at the site. The contaminants of concern include, but are not limited to PCBs, metals, and TPH.

2.0 SUBSURFACE INVESTIGATION

The soil and groundwater sampling at the site was conducted on August 3, 2007. Soil samples were collected using a Geoprobe™ sampling rig operated by SCS Environmental Contracting of Fort Wayne, Indiana. An AVANT licensed geologist was on-site to log the samples collected from each boring, field screen the samples with a portable PID, and collect soil and groundwater samples for possible laboratory analysis. The site location is identified on the Site Location Map, Figure 1.

2.1 Soil Sampling

Soil sampling locations were chosen in Area 1 based on the approximate location of the former UST basin. Area boring locations are depicted on Figure 2. The location of the former UST cavity was identified based on site drawings from UST registration documents, historic aerial photographs of the site, and asphalt replacement in the suspected area of the former USTs. Borings on the site were completed using a Geoprobe™ sampling rig with 2.0-inch plastic samplers and a Macrocore® sampling device. Borings were placed on each side of the former UST cavity. Soil borings B-1 and B-4 were advanced to a depth of approximately 22 feet below grade. Groundwater was encountered at a depth of approximately 18 feet below grade. Soil borings B-2 and B-3 were advanced to a depth of approximately 16 feet below grade. The depth of the USTs in this area would have been approximately 12 feet below surface grade.

Soil samples were collected from each 2.0 foot interval in each boring. Soil samples were screened in the field with a photo-ionization detector (PID) to identify organic vapors that may be present in the soil samples. The PID readings, visual indications of contamination, and olfactory indications of contamination were used to select soil samples submitted for laboratory analysis. The 14 to 16 foot sample interval in borings B-1, B-2, and B-4 were chosen for analysis based on the proximity of the groundwater table. The 6.0 to 8.0 foot sample interval in boring B-3 was chosen for analysis due to a slight hydrocarbon odor from that sample interval.

Soil samples in the former railroad spur area (Area 4) were also collected using the Geoprobe™. Five (5) boring locations were chosen based on previous sampling locations conducted in 1998 and visual observations of the ground surface. Boring locations in Area 4 are depicted on Figure 3. Borings were advanced to a depth of 4.0 feet below surface grade. Surface staining observed in some locations appeared to terminate at a depth of approximately 0.5 feet below grade. Soil samples were collected for analysis from the surface to a depth of approximately 0.5 feet and from the 1.0 to 1.5 foot sample interval. The 1.0 to 1.5 foot sample interval was chosen to assess the depth of the potential hydrocarbon contamination previously identified in the surface soils in this area. The 3/0 to 4.0 foot sample interval in boring B-8 was discolored (greenish-gray) and had an unusual odor not indicative of petroleum-related contamination. Therefore, this sample interval was also retained for analysis. Upon completion of the sampling in this area, each borehole was filled to the surface with bentonite.

Five (5) soil sample areas were randomly chosen in Area 5. Boring locations in Area 5 are depicted on Figure 4. The purpose of these sample locations was to assess possible, widespread

metals and PCB contamination on the site. Soil borings were again advanced with the Geoprobe™. Soil samples were collected from an approximate depth of 0.5 feet below surface grade. The locations of these borings were random and there were no indications on the surface of possible contaminants. Upon completion of the sampling in this area, each borehole was filled to the surface with bentonite.

2.2 Groundwater Sampling

Groundwater samples were collected from borings B-1 and B-4 in Area 1. No other groundwater samples were collected as part of this investigation. The groundwater samples were collected from 1.0-inch, temporary PVC wells with 5.0 feet of 0.01 slot screen. Disposable plastic bailers with monofilament line were used to collect the groundwater samples.

The wells were abandoned upon completion of the groundwater sampling. Each borehole was filled to the surface with bentonite.

3.0 SAMPLING RESULTS

The samples collected as part of this investigation were delivered to ENVision Analytical Laboratories, Inc. in Indianapolis, Indiana, under standard chain-of-custody procedures. Signed chain-of-custody forms are included with the laboratory reports presented in Appendix A.

Four (4) soil samples and two (2) groundwater samples from Area 1 were analyzed for total petroleum hydrocarbons (TPH) using SW-846 Method 8015B Modified with gasoline range organics (GRO) and for benzene, toluene, ethylbenzene, total xylenes (BTEX), and methyl tertiary butyl ether (MTBE) using SW-846 Method 8260. The soil samples were collected following SW-846 Method 5035 as modified by the IDEM.

None of the soil or groundwater samples analyzed had detectable concentrations of TPH-GRO or BTEX/MTBE in excess of the IDEM RISC Default Closure Levels for residential or commercial/industrial properties. The laboratory results of the analytical testing from Area 1 are summarized in Table 1. The laboratory results are presented in Appendix A.

Soil samples were collected from five (5) locations in the former railroad spur area (Area 4) on the southeast portion of the site. Two soil samples were collected for analysis of TPH using SW-846 Method 8015 Modified with extended range organics (ERO) from each boring. Soil samples from the surface to a depth of 0.5 feet were collected for analysis and soil samples from a depth of 1.0 to 1.5 feet were collected for analysis. The 1.0 to 1.5 foot soil sample from boring B-6 was mishandled at the laboratory and was not analyzed. All of the 0.0 to 0.5 foot soil samples had detectable concentrations of TPH-ERO in excess of the RISC Default Closure Level for residential properties. The 1.0 to 1.5 foot samples in borings B-7, B-8, and B-9 had detectable TPH-ERO, but below the residential default closure level. TPH-ERO was not detected in the 1.0 to 1.5 foot soil sample in boring B-5.

The 3.0 to 4.0 foot interval in boring B-8 exhibited greenish colored staining and an unfamiliar odor not indicative of petroleum-related contamination. This sample was submitted for volatile organic compound (VOCs) analysis using SW-846 Method 8260 following Method SW-846 5035 sample collection procedures. No VOCs were detected in the 3.0 to 4.0 foot sample interval from boring B-8. The results of the analytical testing from Area 4 are summarized in Table 2. Complete analytical results are presented in Appendix A.

Five (5) random sampling locations were chosen on the main portion of the site (Area 5) inside the fenced area. Soil samples were collected from an approximate depth of 0.5 feet. The soil samples were analyzed for total RCRA metals; arsenic (As), barium (Ba), cadmium (Cd), chromium (Cr), lead (Pb), mercury (Hg), selenium (Se), silver (Ag) using Methods 6010B and 7471 and for polychlorinated biphenyls (PCBs). The PCBs were analyzed using SW-846 Method 8082. The PCBs analytes included seven (7) Aroclor constituents.

Selenium and Silver were the only metals that were not detected in any of the samples analyzed. Arsenic, cadmium, and mercury were found to exceed the IDEM RISC residential Default Closure levels in some of the samples. Lead was found to exceed the closure level in all five (5) of the samples analyzed. Total lead values that exceeded 1,000 mg/kg were also analyzed for the

toxicity characteristic leaching procedure (TCLP) to assess if the lead was leachable from the soil at a concentration greater than 5.0 mg/Kg, indicating a characteristically hazardous waste. Samples B-11, B-12, and B-13 were analyzed for TCLP lead. Boring B-13 had detectable TCLP lead at a concentration of 6.29 mg/Kg. The samples from borings B-11 and B-12 had concentrations less than 5.0 mg/Kg.

PCBs were detected above the IDEM RISC residential Default Closure Level of 1.8 mg/kg in borings B-10, B-11, B-12, and B-14. No PCBs were detected in boring B-13. The results of the analytical testing from Area 5 are summarized in Table 3. Complete analytical results are presented in Appendix A.

4.0 SUMMARY AND CONCLUSIONS

Three (3) separate areas on the site were investigated for various chemical constituents. Soil and groundwater samples collected in Area 1 do not indicate the need for further investigation on this portion of the site. Soil sampling and analyses performed on samples collected from Areas 4 and 5 indicated elevated concentrations of chemical constituents in excess of the IDEM RISC Default Closure Levels for residential properties.

It is AVANT's opinion that additional site investigation is warranted in Areas 4 and 5 on the site. Areas 1, 2, and 3 appear to have been adequately investigated and/or remediated to current IDEM default closure levels. Surface soil contamination in Area 4 appears to be widespread. However, the petroleum-related contamination identified appears to be limited to the upper 1.0 foot of soil in this area. Area 5 appears to contain widespread metals contamination, primarily lead. Some areas also have elevated concentrations of cadmium and/or mercury. One of the sampling locations had elevated TCLP lead in excess of 5.0 mg/Kg. Four (4) of the five (5) locations sampled had elevated concentrations of PCBs in excess of current Default Closure Levels for residential properties.

5.0 LIMITATIONS

The services, data, and opinions of AVANT Group, (AVANT) performed for and expressed in this report are for the sole and exclusive use of the City of Fort Wayne. Reliance by any third party on the facts, conclusions, and recommendations in this report is not contemplated. The scope of services for this project may not be appropriate for the needs of others, and the use or re-use of this document and the findings, conclusions, or recommendations expressed herein by any third party is at their sole risk.

In performing this investigation, AVANT has striven to conform to generally accepted principles and practices of other consultants conducting similar investigations in the same geographic area. This warranty is in lieu of all others, either expressed or implied. The investigation is limited to the specific project, property, and date of AVANT's site visit, as described in this report, and its findings should not be relied upon by any party to represent conditions at other times or properties. The investigation described in this report was also conducted within the context of agency rules, regulations, and enforcement policies in effect at the time of its execution; later changes in rules, regulations, and policies may result in different conclusions than those expressed in this report.

The scope of the investigation and report was mutually devised by AVANT and the City of Fort Wayne and is not intended as an audit for regulatory compliance. No activity, including sampling, investigation or evaluation of any material or substance, may be assumed to be included in this investigation unless such activity is expressly considered in the scope of work and this report. Maps and drawings in this report are included only to aid the reader and should not be considered surveys or engineering studies.

AVANT's observations, findings, and opinions are based on our professional judgment concerning the significance of the data gathered during the course of this assessment. Specifically, AVANT does not and cannot represent that the site contains no hazardous or toxic materials or other latent condition beyond that observed by AVANT during the assessment. The findings of the investigation are probabilities based on AVANT's professional judgment of site conditions as discernible from the limited, and often indirect, information provided by others and obtained or observed by AVANT using the methods specified. AVANT does not warrant the accuracy or completeness of information and independent opinions, conclusions, and recommendations provided or developed by others and assumes no responsibility for documenting conditions detectable with methods or techniques not specified in the scope of work. AVANT's opinion regarding site conditions is not a warranty that all areas within the site and beneath site structures are of the same quality or condition as those observed or sampled.

Sincerely,
AVANT Group

Mark Anderson, LPG
Project Manager

Project 07-791-20

TABLE 1

Area 1 Soil and Groundwater Analytical Results
OmniSource Corporation, 1610 North Calhoun Street, Fort Wayne, Allen County, Indiana

Analyte	B-1	B-1 Groundwater	B-2	B-3	B-4	B-4 Groundwater	RISC Residential (a)	RISC Industrial (a)
TPH-GRO (b)	<16	<0.22	<16	<18	<16	<0.22	25 (220)	330 (3,000)
Benzene	<0.005	<0.005	<0.005	<0.006	<0.005	<0.005	0.35 (0.052)	0.034 (0.0005)
Toluene	<0.005	<0.005	<0.005	<0.006	<0.005	<0.005	96 (8.2)	12 (1.0)
Ethylbenzene	<0.005	<0.005	<0.005	<0.006	<0.005	<0.005	160 (10)	13 (0.7)
Xylenes	0.0151	<0.005	<0.005	<0.006	<0.005	<0.005	170 (20)	170 (10)
MTBE	<0.005	<0.005	<0.005	<0.006	<0.005	<0.005	3.2 (0.72)	0.18 (0.04)

Notes:

< = Less than the laboratory detection limit.

Bold numbers in shaded cells exceed RISC Residential Default Closure Levels.

All soil results reported in mg/kg, all groundwater results reported in mg/L.

(a) RISC Soil Default Closure Levels with Grounwater Default Closure Levels in Parenthesis.

(b) IDEM RISC Technical Guide-Chapter 8, Total Petroleum Hydrocarbons, Table 3-1 TPH Closure Levels (June 15, 2006 update).

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TABLE 2

Area 4 Soil Analytical Results
OmniSource Corporation, 1610 North Calhoun Street, Fort Wayne, Allen County, Indiana

Analyte		B-5	B-6	B-7	B-8	B-9	RISC Residential (a)	RISC Industrial (a)
TPH-ERO	0.0 to 0.5 ft.	**351**	**5,900**	**407**	**4,940**	**126**	80	1,000
TPH-ERO	1.0 to 1.5 ft	<21	NA (b)	26	79	24	80	1,000
VOCs (8260)		NA	NA (b)	NA	All ND	NA	AS	AS

Notes:
< = Less than the laboratory detection limit.
Bold numbers in shade cells exceed RISC Residential Default Closure Levels.
All results reported in mg/kg.
(a) IDEM RISC Technical Guide-Chapter 8, Total Petroleum Hydrocarbons, Table 3-1 TPH Closure Levels (June 15, 2006 update).
(b) Sample was mishandled at the laboratory and could not be analyzed.
ND - Non-Detectable, none of the analytes were detected above the laboratory detection limits.
NA - Not analyzed for this parameter.
AS - Analyte Specific Default Closure Levels.

TABLE 3

Area 5 Soil Analytical Results
OmniSource Corporation, 1610 North Calhoun Street, Fort Wayne, Allen County, Indiana

Analyte	B-10	B-11	B-12	B-13	B-14	RISC Residential (a)	RISC Industrial (b)
Arsenic	3.1	**6.2**	**7.6**	3.5	<2	3.9	5.8
Barium	81	562	603	698	109	1,600	10,000
Cadmium	4.6	**54**	**11**	6	4	7.5	77
Chromium (c)	125	456	264	29	125	10,000 (38)	10,000 (120)
Lead	**295**	**1933**	**1,410**	**3,081**	**721**	81	230
TCLP Lead (d)	NA	0.28	0.21	**6.29**	NA	(d)	(d)
Mercury	<1	**9.6**	**2.3**	<1	1.6	2.1	32
Selenium	<2	<2	<2	<2	<2	5.2	53
Silver	<2	<2	<2	<2	<2	31	87
Aroclor 1016	<0.08	<0.08	<0.08	<0.08	<0.08	PCBs (Total) 1.8	PCBs (Total) 5.3
Aroclor 1221	<0.08	<0.08	<0.08	<0.08	<0.08		
Aroclor 1232	<0.08	<0.08	<0.08	<0.08	<0.08		
Aroclor 1242	<0.08	<0.08	<0.08	<0.08	**3.59**		
Aroclor 1248	<0.08	**17.50**	**7.16**	<0.08	<0.08		
Aroclor 1254	**29.70**	<0.16	<0.16	<.16	<0.16		
Aroclor 1260	**16.90**	**3.23**	**3.02**	<.16	**0.69**		

Notes:

< = Less than the laboratory detection limit.

Bold numbers in shaded cells exceed RISC Residential Default Closure Levels.

All results reported in mg/kg.

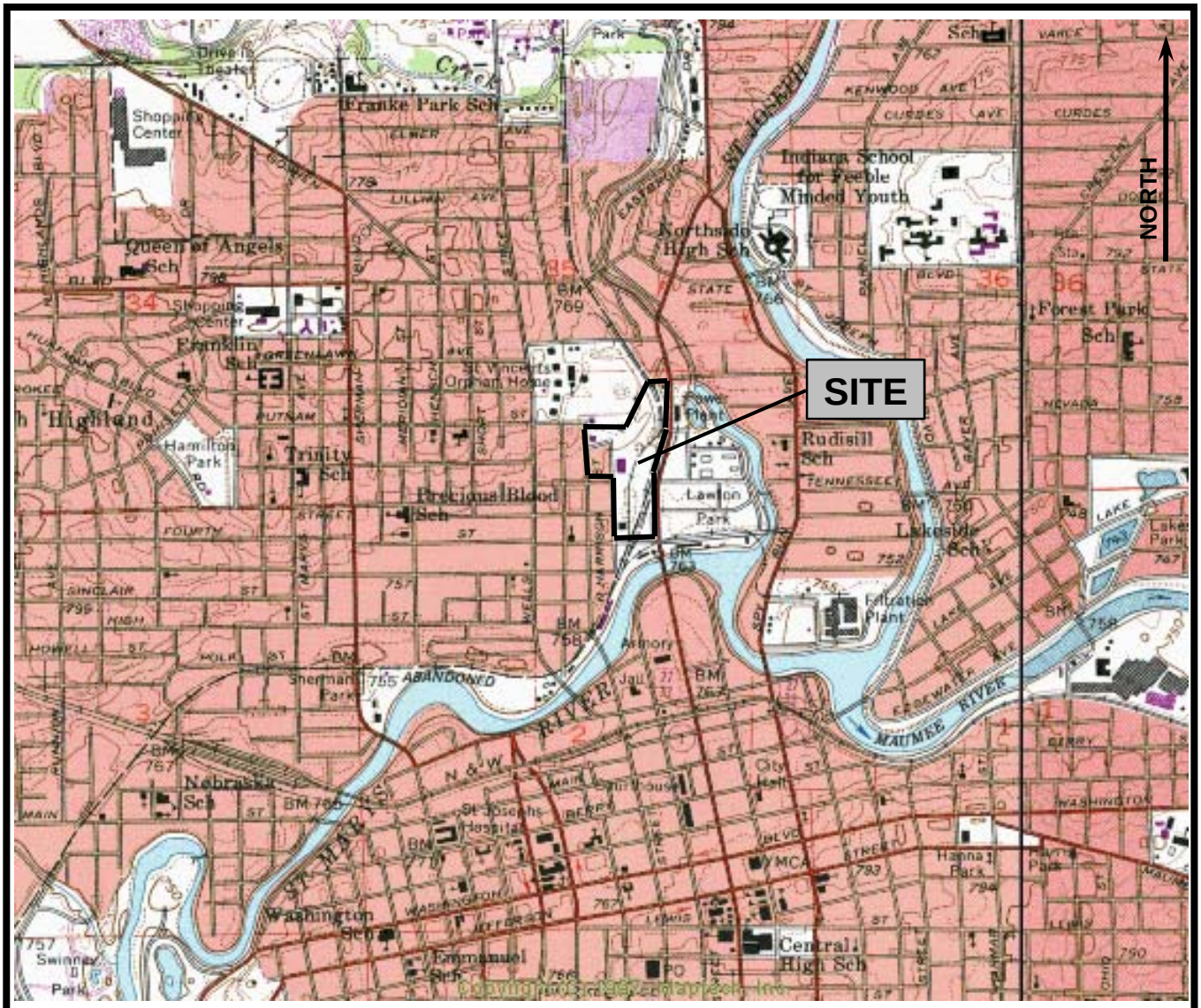
(a) IDEM RISC Technical Guide-Appendix 1, Table A-Residential Closure Levels (January 31, 2006 update).

(b) IDEM RISC Technical Guide-Appendix 1, Table A-Industrial Closure Levels (January 31, 2006 update).

(c) Chromium III Default closure levels are shown first with Chromium VI levels in parenthesis.

(d) TCLP Lead values in excess of 5.0 mg/kg indicate a hazardous waste.

NA - Not analyzed for this parameter.



SCALE: 1 INCH = 2,000 FT

SOURCE: FORT WAYNE WEST, INDIANA, USGS TOPOGRAPHIC QUADRANGLE MAP, 1963, REVISED 1981

FORT WAYNE EAST, INDIANA, USGS TOPOGRAPHIC QUADRANGLE MAP, 1963, REVISED 1981

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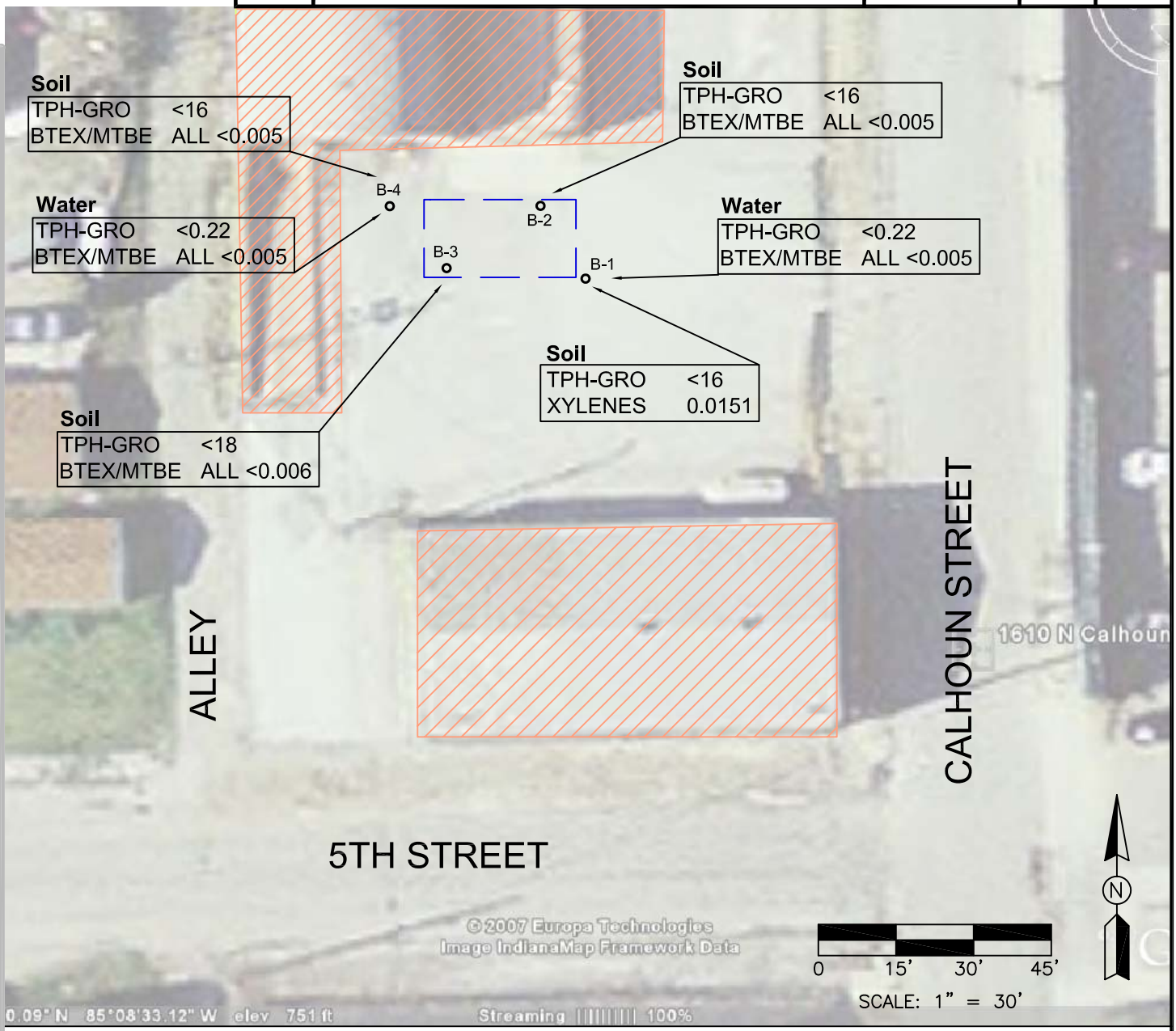
Project	Task	Size	Date
07-791	20	A	9/4/07

TITLE **Figure 1 - Site Location Map**
OmniSource Corporation
1610 N. Calhoun Street
Fort Wayne, Indiana

CLIENT
City of Fort Wayne

LTR	DESCRIPTION OF CHANGE	DATE	DRN	CHK'D



LEGEND

Site Features no longer present.

Approximate location of former gasoline UST basin.

B-4 Boring location; B-1 and B-4 were converted to temporary wells.

*All soil results reported in mg/kg. *All water results reported in mg/L.

Soil and water samples collected for analysis on August 3, 2007.

Soil samples analyzed for TPH-GRO (Method 8015/ 5035) and BTEX/MTBE (Method 8260/ 5035).

Water samples analyzed for TPH-GRO (Method 8015) and BTEX/MTBE (Method 8260).

AVANT Group
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TITLE:
AREA 1 BORING LOCATION MAP
OMNISOURCE CORPORATION
1610 N. CALHOUN STREET
FORT WAYNE, INDIANA

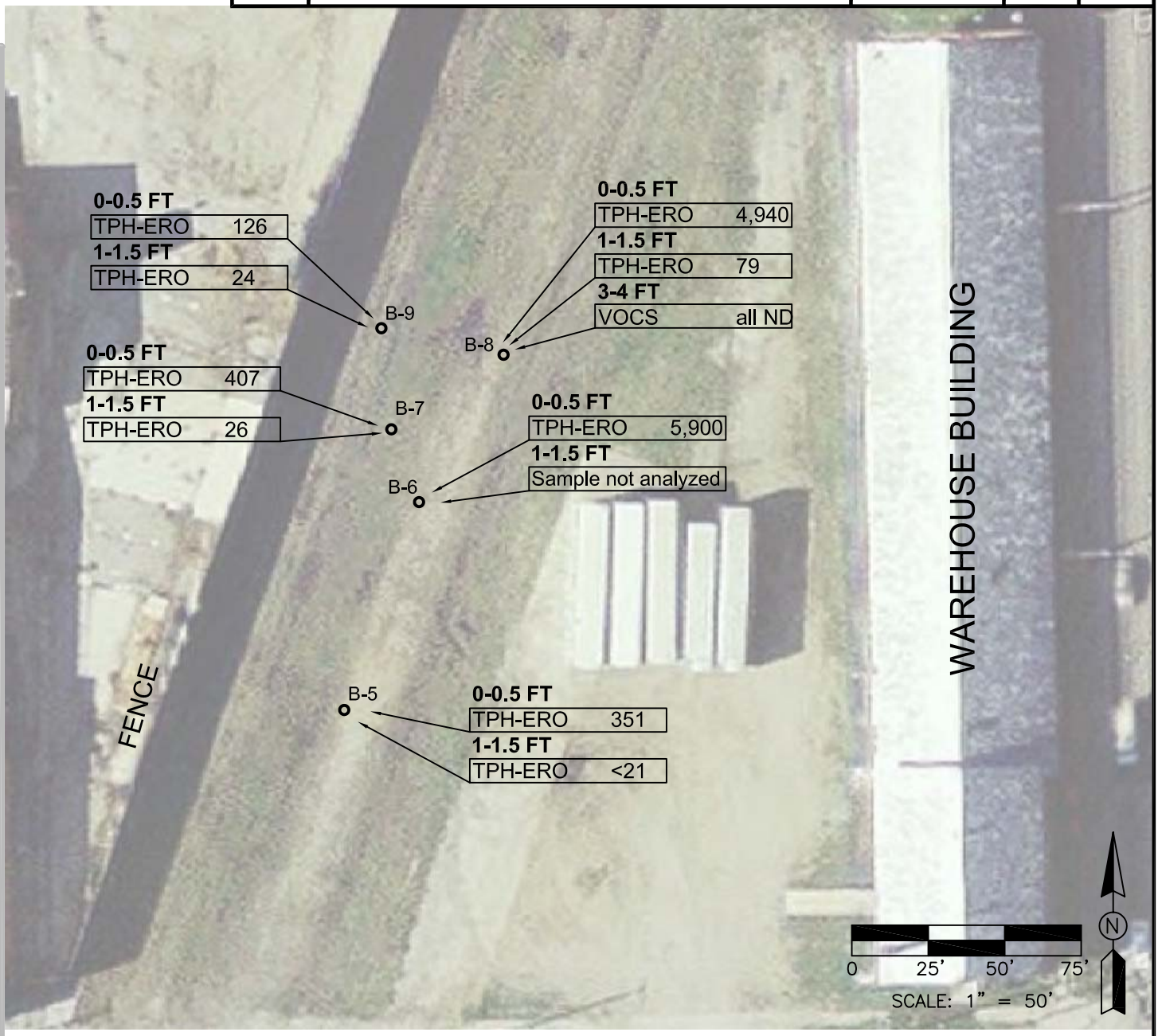
DRAWN BY:	LAC	DATE:	08/14/07
CHECKED BY:	MRA	DATE:	08/14/07
APPROVED BY:	MRA	DATE:	08/14/07

CLIENT:
CITY OF FORT WAYNE
DIVISION OF COMMUNITY DEVELOPMENT

DRAWING NUMBER

CONTRACT NUMBER	TASK	FIG. NO.
07-791	20	2

LTR	DESCRIPTION OF CHANGE	DATE	DRN	CHK'D



LEGEND

B-5 Approximate soil boring locations.

Soil samples collected for analysis on August 3, 2007.

ND-non detect

*All results reported in mg/kg..

Soil samples analyzed for TPH-ERO (Method 8015).

Soil samples from 3-4 ft in B-8 analyzed for VOCs (Method 8260/ 5035).

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TITLE:
AREA 4 BORING LOCATION MAP
OMNISOURCE CORPORATION
1610 N. CALHOUN STREET
FORT WAYNE, INDIANA

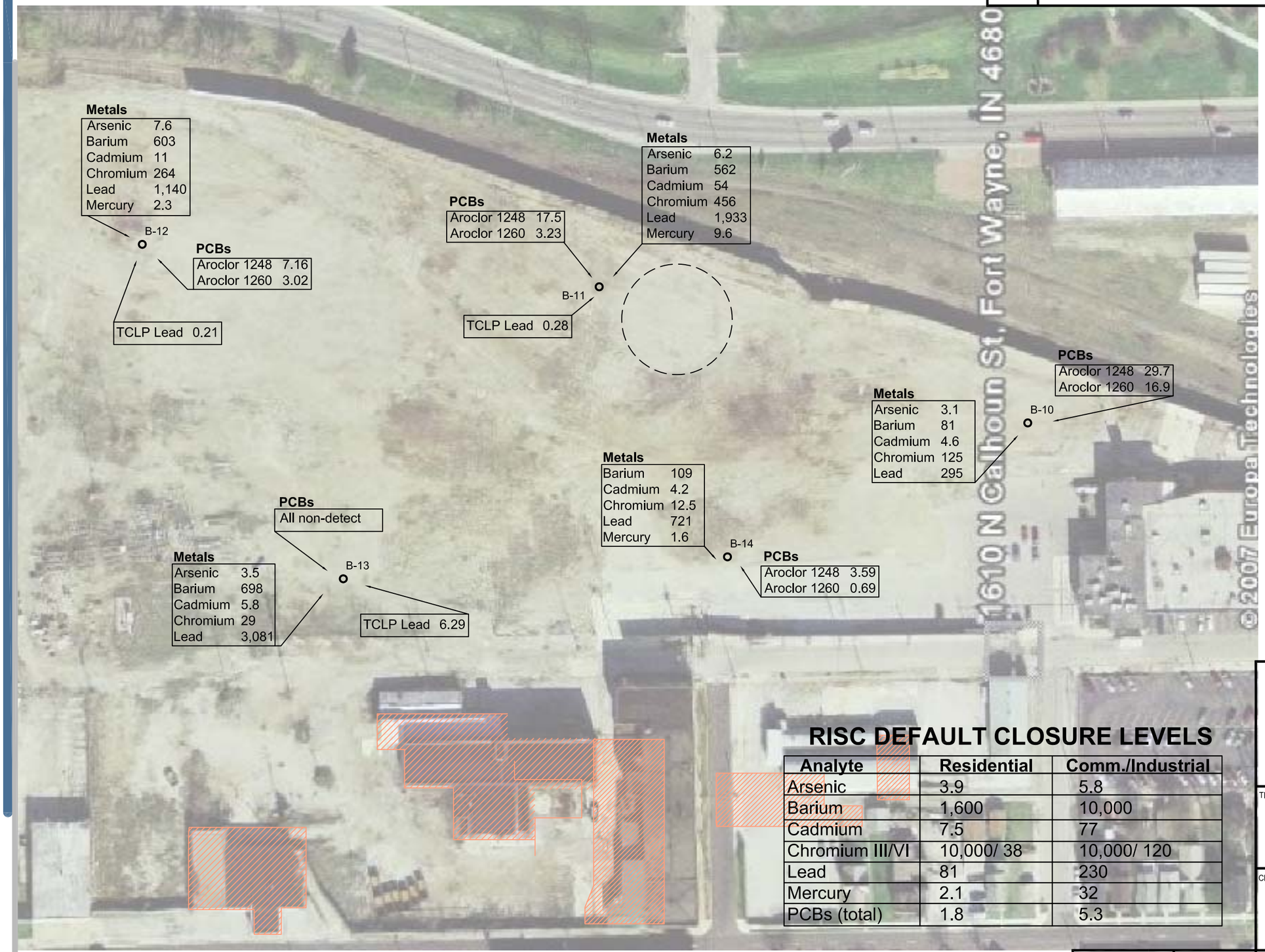
DRAWN BY:	LAC	DATE:	08/14/07
CHECKED BY:	MRA	DATE:	08/14/07
APPROVED BY:	MRA	DATE:	08/14/07

CLIENT:
CITY OF FORT WAYNE
DIVISION OF COMMUNITY DEVELOPMENT

DRAWING NUMBER

CONTRACT NUMBER	TASK	FIG. NO.
07-791	20	3

LTR	DESCRIPTION OF CHANGE	DATE	DRN	CHK'D



LEGEND

B-11 — Approximate soil boring locations.

Site features no longer present on the site.

Possible location of former railroad round-house structure.

Soil Samples collected for analysis on August 3, 2007.

Soil samples analyzed for PCBs (Method 8082) and total RCRA metals (As, Ba, Cd, Cr, Pb, Hg, Se, Ag).

All results reported in mg/Kg.

Only detected analytes shown.

0 50' 100' 150'

SCALE: 1" = 100'

N

RISC DEFAULT CLOSURE LEVELS

Analyte	Residential	Comm./Industrial
Arsenic	3.9	5.8
Barium	1,600	10,000
Cadmium	7.5	77
Chromium III/VI	10,000/ 38	10,000/ 120
Lead	81	230
Mercury	2.1	32
PCBs (total)	1.8	5.3

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TITLE:
AREA 5 BORING LOCATION MAP
OMNISOURCE CORPORATION
1610 N CALHOUN STREET
FORT WAYNE, INDIANA

CLIENT:
CITY OF FORT WAYNE
DIVISION OF COMMUNITY DEVELOPMENT

DRAWN BY:	LAC	DATE:	08/14/07
CHECKED BY:	MRA	DATE:	08/14/07
APPROVED BY:	MRA	DATE:	08/14/07

DRAWING NUMBER

CONTRACT NUMBER	TASK	SIZE	FIG. NO.	REV:
07-791	20	B	4	X

ENVision Laboratories, Inc.
1439 Sadlier Circle West Drive
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Mr. Mark LeMay
Avant Group
508 Incentive Drive
Fort Wayne, IN 46825

August 28, 2007

ENVision Project Number: 2007-1608
Client Project Name: Omni Source

Dear Mr. LeMay,

Please find the attached analytical report for the samples received August 4, 2007. All test methods performed were fully compliant with local, state, and federal EPA methods unless otherwise noted. The project was analyzed as requested on the enclosed chain of custody record. Please review the comments section for additional information about your results or Quality Control data. Metals analysis is not included in NELAC certification.

Feel free to contact me if you have any questions or comments regarding your analytical report or service.

Thank you for your business. ENVision Laboratories looks forward to working with you on your next project.

Yours Sincerely,

Cheryl A. Crum

Director of Project Management
ENVision Laboratories, Inc.

IL ELAP / NELAC Accreditation # 100454

ENVision Laboratories, Inc.
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Indianapolis, IN 46239
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Client Name: Avant Group

Project ID: Omni Source

Client Project Manager: Mark Lemay

ENVision Project Number: 2007-1608

Analytical Method: 8260
Prep Method: 5035
Analytical Batch: 081407VS

Client Sample ID: B-1
Envision Sample Number: 7-10384
Sample Matrix: soil
Sample Collection Date/Time: 8/3/07 8:38
Sample Received Date/Time: 8/4/07 12:00

Compounds	Sample Results (mg/kg)	Reporting Limit (mg/kg)	Flags
Benzene	< 0.005	0.005	
Toluene	< 0.005	0.005	
Ethylbenzene	< 0.005	0.005	
Xylene, M&P	**0.0151**	0.005	
Xylene, 0rtho	< 0.005	0.005	
Xylenes, Total	**0.0151**	0.011	
Methyl-tert-butyl-ether	< 0.005	0.005	
Dibromofluoromethane (surrogate)	113%		
1,2-Dichloroethane-d4 (surrogate)	95%		
Toluene-d8 (surrogate)	96%		
4-bromofluorobenzene (surrogate)	108%		
Analysis Date/Time:	08-14-07/16:54		
Analyst Initials	tjg		
Percent Solids:	95%		

Results reported on dry weight basis.

ENVision Laboratories, Inc.
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Client Name: Avant Group

Project ID: Omni Source

Client Project Manager: Mark Lemay

ENVision Project Number: 2007-1608

Analytical Method: 8015 TPH Gasoline Range
Prep Method: 5035
Analytical Batch: 080907GS

Client Sample ID: B-1
Envision Sample Number: 7-10384
Sample Matrix: soil

Sample Collection Date/Time: 8/3/07 8:38
Sample Received Date/Time: 8/4/07 12:00

Compounds	Sample Results (mg/kg)	Reporting Limit (mg/kg)	Flags
TPH-Gasoline	< 16	16	
4-bromofluorobenzene (surrogate)	119%		
Analysis Date/Time:	08/09/07/12:53		
Analyst Initials	tjg		
Percent Solids	95%		

All results reported on dry weight basis.

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Client Name: Avant Group

Project ID: Omni Source

Client Project Manager: Mark Lemay

ENVision Project Number: 2007-1608

Client Sample ID:	B-1	**Sample Collection Date/Time:**	8/3/07	8:38
Envision Sample Number:	7-10384	**Sample Received Date/Time:**	8/4/07	12:00
Sample Matrix:	soil			

Analyte	Sample Results	Flags	Method
Percent Moisture	5.0%		1684
Percent Solids	95.0%		1684
Analysis Date:	8/14/07		
Analyst Initials	zrc		

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Client Name: Avant Group

Project ID: Omni Source

Client Project Manager: Mark Lemay

ENVision Project Number: 2007-1608

Analytical Method: 8260
Prep Method: 5035
Analytical Batch: 081407VS

Client Sample ID: B-2
Envision Sample Number: 7-10385
Sample Matrix: soil

Sample Collection Date/Time: 8/3/07 9:03
Sample Received Date/Time: 8/4/07 12:00

Compounds	Sample Results (mg/kg)	Reporting Limit (mg/kg)	Flags
Benzene	< 0.005	0.005	
Toluene	< 0.005	0.005	
Ethylbenzene	< 0.005	0.005	
Xylene, M&P	< 0.005	0.005	
Xylene, 0rtho	< 0.005	0.005	
Xylenes, Total	< 0.011	0.011	
Methyl-tert-butyl-ether	< 0.005	0.005	
Dibromofluoromethane (surrogate)	111%		
1,2-Dichloroethane-d4 (surrogate)	102%		
Toluene-d8 (surrogate)	97%		
4-bromofluorobenzene (surrogate)	101%		
Analysis Date/Time:	08-14-07/04:39		
Analyst Initials	tjg		
Percent Solids:	94%		

Results reported on dry weight basis.

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Client Name: Avant Group

Project ID: Omni Source

Client Project Manager: Mark Lemay

ENVision Project Number: 2007-1608

Analytical Method: 8015 TPH Gasoline Range
Prep Method: 5035
Analytical Batch: 080907GS

Client Sample ID:	B-2	**Sample Collection Date/Time:**	8/3/07	9:03
Envision Sample Number:	7-10385	**Sample Received Date/Time:**	8/4/07	12:00
Sample Matrix:	soil			

Compounds	Sample Results (mg/kg)	Reporting Limit (mg/kg)	Flags
TPH-Gasoline	< 16	16	
4-bromofluorobenzene (surrogate)	114%		
Analysis Date/Time:	08/09/07/13:13		
Analyst Initials	tjg		
Percent Solids	94%		

All results reported on dry weight basis.

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Client Name: Avant Group

Project ID: Omni Source

Client Project Manager: Mark Lemay

ENVision Project Number: 2007-1608

Client Sample ID:	B-2	**Sample Collection Date/Time:**	8/3/07	9:03
Envision Sample Number:	7-10385	**Sample Received Date/Time:**	8/4/07	12:00
Sample Matrix:	soil			

Analyte	Sample Results	Flags	Method
Percent Moisture	6.0%		1684
Percent Solids	94.0%		1684
Analysis Date:	8/14/07		
Analyst Initials	zrc		

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Client Name: Avant Group

Project ID: Omni Source

Client Project Manager: Mark Lemay

ENVision Project Number: 2007-1608

Analytical Method: 8260
Prep Method: 5035
Analytical Batch: 081607VS

Client Sample ID: B-3
Envision Sample Number: 7-10386
Sample Matrix: soil

Sample Collection Date/Time: 8/3/07 9:15
Sample Received Date/Time: 8/4/07 12:00

Compounds	Sample Results (mg/kg)	Reporting Limit (mg/kg)	Flags
Benzene	< 0.006	0.006	
Toluene	< 0.006	0.006	
Ethylbenzene	< 0.006	0.006	
Xylene, M&P	< 0.006	0.006	
Xylene, 0rtho	< 0.006	0.006	
Xylenes, Total	< 0.012	0.012	
Methyl-tert-butyl-ether	< 0.006	0.006	
Dibromofluoromethane (surrogate)	105%		
1,2-Dichloroethane-d4 (surrogate)	101%		
Toluene-d8 (surrogate)	99%		
4-bromofluorobenzene (surrogate)	84%		
Analysis Date/Time:	08-16-07/23:25		
Analyst Initials	tjg		
Percent Solids:	85%		

Results reported on dry weight basis.

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Client Name: Avant Group

Project ID: Omni Source

Client Project Manager: Mark Lemay

ENVision Project Number: 2007-1608

Analytical Method: 8015 TPH Gasoline Range
Prep Method: 5035
Analytical Batch: 080907GS

Client Sample ID: B-3
Envision Sample Number: 7-10386
Sample Matrix: soil

Sample Collection Date/Time: 8/3/07 9:15
Sample Received Date/Time: 8/4/07 12:00

Compounds	Sample Results (mg/kg)	Reporting Limit (mg/kg)	Flags
TPH-Gasoline	< 18	18	
4-bromofluorobenzene (surrogate)	116%		
Analysis Date/Time:	08/09/07/13:33		
Analyst Initials	tjg		
Percent Solids	85%		

All results reported on dry weight basis.

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Client Name: Avant Group

Project ID: Omni Source

Client Project Manager: Mark Lemay

ENVision Project Number: 2007-1608

Client Sample ID:	B-3	**Sample Collection Date/Time:**	8/3/07	9:15
Envision Sample Number:	7-10386	**Sample Received Date/Time:**	8/4/07	12:00
Sample Matrix:	soil			

Analyte	Sample Results	Flags	Method
Percent Moisture	15.0%		1684
Percent Solids	85.0%		1684
Analysis Date:	8/14/07		
Analyst Initials	zrc		

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Client Name: Avant Group

Project ID: Omni Source

Client Project Manager: Mark Lemay

ENVision Project Number: 2007-1608

Analytical Method: 8260
Prep Method: 5035
Analytical Batch: 081407VS

Client Sample ID: B-4
Envision Sample Number: 7-10387
Sample Matrix: soil

Sample Collection Date/Time: 8/3/07 9:43
Sample Received Date/Time: 8/4/07 12:00

Compounds	Sample Results (mg/kg)	Reporting Limit (mg/kg)	Flags
Benzene	< 0.005	0.005	
Toluene	< 0.005	0.005	
Ethylbenzene	< 0.005	0.005	
Xylene, M&P	< 0.005	0.005	
Xylene, 0rtho	< 0.005	0.005	
Xylenes, Total	< 0.011	0.011	
Methyl-tert-butyl-ether	< 0.005	0.005	
Dibromofluoromethane (surrogate)	110%		
1,2-Dichloroethane-d4 (surrogate)	101%		
Toluene-d8 (surrogate)	98%		
4-bromofluorobenzene (surrogate)	100%		
Analysis Date/Time:	08-14-07/05:18		
Analyst Initials	tjg		
Percent Solids:	95%		

Results reported on dry weight basis.

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Client Name: Avant Group

Project ID: Omni Source

Client Project Manager: Mark Lemay

ENVision Project Number: 2007-1608

Analytical Method: 8015 TPH Gasoline Range
Prep Method: 5035
Analytical Batch: 080907GS

Client Sample ID: B-4
Envision Sample Number: 7-10387
Sample Matrix: soil

Sample Collection Date/Time: 8/3/07 9:43
Sample Received Date/Time: 8/4/07 12:00

Compounds	Sample Results (mg/kg)	Reporting Limit (mg/kg)	Flags
TPH-Gasoline	< 16	16	
4-bromofluorobenzene (surrogate)	115%		
Analysis Date/Time:	08/09/07/13:53		
Analyst Initials	tjg		
Percent Solids	95%		

All results reported on dry weight basis.

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Client Name: Avant Group

Project ID: Omni Source

Client Project Manager: Mark Lemay

ENVision Project Number: 2007-1608

Client Sample ID:	B-4	**Sample Collection Date/Time:**	8/3/07	9:43
Envision Sample Number:	7-10387	**Sample Received Date/Time:**	8/4/07	12:00
Sample Matrix:	soil			

Analyte	Sample Results	Flags	Method
Percent Moisture	5.0%		1684
Percent Solids	95.0%		1684
Analysis Date:	8/14/07		
Analyst Initials	zrc		

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Client Name: Avant Group

Project ID: Omni Source

Client Project Manager: Mark Lemay

ENVision Project Number: 2007-1608

Analytical Method: 8015 TPH Extended C8-C36
Prep Method: 3550B
Analytical Batch: 082307E

Client Sample ID: B-5 (0-0.5)
Envision Sample Number: 7-10388
Sample Matrix: soil

Sample Collection Date/Time: 8/3/07 11:25
Sample Received Date/Time: 8/4/07 12:00

Compounds	Sample Results (mg/kg)	Reporting Limit (mg/kg)	Flags
TPH--Extended C8-C36	**351**	22	
o-Terphenyl (surrogate)	134%		
Analysis Date/Time:	8/23/2007 22:45		
Analyst Initials:	gjd		
Date Extracted:	8/13/2007		
Initial Sample Weight:	30.0 g		
Final Volume:	3.0 mL		
Percent Solids	91%		

All results reported on dry weight basis.

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Project ID: Omni Source

Client Project Manager: Mark Lemay

ENVision Project Number: 2007-1608

Client Sample ID:	B-5 (0-0.5)	**Sample Collection Date/Time:**	8/3/07	11:25
Envision Sample Number:	7-10388	**Sample Received Date/Time:**	8/4/07	12:00
Sample Matrix:	soil			

Analyte	Sample Results	Flags	Method
Percent Moisture	9.0%		1684
Percent Solids	91.0%		1684
Analysis Date:	8/14/07		
Analyst Initials	zrc		

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Client Name: Avant Group

Project ID: Omni Source

Client Project Manager: Mark Lemay

ENVision Project Number: 2007-1608

Analytical Method: 8015 TPH Extended C8-C36
Prep Method: 3550B
Analytical Batch: 082307E

Client Sample ID: B-5 (1-1.5)
Envision Sample Number: 7-10389
Sample Matrix: soil

Sample Collection Date/Time: 8/3/07 11:25
Sample Received Date/Time: 8/4/07 12:00

Compounds	Sample Results (mg/kg)	Reporting Limit (mg/kg)	Flags
TPH--Extended C8-C36	< 21	21	
o-Terphenyl (surrogate)	76%		
Analysis Date/Time:	8/23/2007 23:16		
Analyst Initials:	gjd		
Date Extracted:	8/13/2007		
Initial Sample Weight:	30.0 g		
Final Volume:	3.0 mL		
Percent Solids	94%		

All results reported on dry weight basis.

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Project ID: Omni Source

Client Project Manager: Mark Lemay

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Client Sample ID:	B-5 (1-1.5)	**Sample Collection Date/Time:**	8/3/07	11:25
Envision Sample Number:	7-10389	**Sample Received Date/Time:**	8/4/07	12:00
Sample Matrix:	soil			

Analyte	Sample Results	Flags	Method
Percent Moisture	6.0%		1684
Percent Solids	94.0%		1684
Analysis Date:	8/14/07		
Analyst Initials	zrc		

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Client Name: Avant Group

Project ID: Omni Source

Client Project Manager: Mark Lemay

ENVision Project Number: 2007-1608

Analytical Method: 8015 TPH Extended C8-C36
Prep Method: 3550B
Analytical Batch: 082307E

Client Sample ID: B-6 (0-0.5)
Envision Sample Number: 7-10390
Sample Matrix: soil

Sample Collection Date/Time: 8/3/07 11:30
Sample Received Date/Time: 8/4/07 12:00

Compounds	Sample Results (mg/kg)	Reporting Limit (mg/kg)	Flags
TPH--Extended C8-C36	**5900**	220	2
o-Terphenyl (surrogate)	338%		3
Analysis Date/Time:	8/23/2007 23:48		
Analyst Initials:	gjd		
Date Extracted:	8/13/2007		
Initial Sample Weight:	30.0 g		
Final Volume:	3.0 mL		
Percent Solids	92%		

All results reported on dry weight basis.

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Client Name: Avant Group

Project ID: Omni Source

Client Project Manager: Mark Lemay

ENVision Project Number: 2007-1608

Client Sample ID:	B-6 (0-0.5)	**Sample Collection Date/Time:**	8/3/07	11:30
Envision Sample Number:	7-10390	**Sample Received Date/Time:**	8/4/07	12:00
Sample Matrix:	soil			

Analyte	Sample Results	Flags	Method
Percent Moisture	8.0%		1684
Percent Solids	92.0%		1684
Analysis Date:	8/14/07		
Analyst Initials	zrc		

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Client Name: Avant Group

Project ID: Omni Source

Client Project Manager: Mark Lemay

ENVision Project Number: 2007-1608

Analytical Method: 8015 TPH Extended C8-C36
Prep Method: 3550B
Analytical Batch: 082307E

Client Sample ID: B-7 (0-0.5)
Envision Sample Number: 7-10392
Sample Matrix: soil

Sample Collection Date/Time: 8/3/07 11:34
Sample Received Date/Time: 8/4/07 12:00

Compounds	Sample Results (mg/kg)	Reporting Limit (mg/kg)	Flags
TPH--Extended C8-C36	**407**	22	
o-Terphenyl (surrogate)	153%		
Analysis Date/Time:	8/24/2007 0:19		
Analyst Initials:	gjd		
Date Extracted:	8/13/2007		
Initial Sample Weight:	30.0 g		
Final Volume:	3.0 mL		
Percent Solids	91%		

All results reported on dry weight basis.

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Client Name: Avant Group

Project ID: Omni Source

Client Project Manager: Mark Lemay

ENVision Project Number: 2007-1608

Client Sample ID:	B-7 (0-0.5)	**Sample Collection Date/Time:**	8/3/07	11:34
Envision Sample Number:	7-10392	**Sample Received Date/Time:**	8/4/07	12:00
Sample Matrix:	soil			

Analyte	Sample Results	Flags	Method
Percent Moisture	9.0%		1684
Percent Solids	91.0%		1684
Analysis Date:	8/14/07		
Analyst Initials	zrc		

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Client Name: Avant Group

Project ID: Omni Source

Client Project Manager: Mark Lemay

ENVision Project Number: 2007-1608

Analytical Method: 8015 TPH Extended C8-C36
Prep Method: 3550B
Analytical Batch: 082307E

Client Sample ID: B-7 (1-1.5)
Envision Sample Number: 7-10393
Sample Matrix: soil

Sample Collection Date/Time: 8/3/07 11:34
Sample Received Date/Time: 8/4/07 12:00

Compounds	Sample Results (mg/kg)	Reporting Limit (mg/kg)	Flags
TPH--Extended C8-C36	**26**	21	
o-Terphenyl (surrogate)	89%		
Analysis Date/Time:	8/24/2007 0:50		
Analyst Initials:	gjd		
Date Extracted:	8/13/2007		
Initial Sample Weight:	30.0 g		
Final Volume:	3.0 mL		
Percent Solids	95%		

All results reported on dry weight basis.

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Client Name: Avant Group

Project ID: Omni Source

Client Project Manager: Mark Lemay

ENVision Project Number: 2007-1608

Client Sample ID:	B-7 (1-1.5)	**Sample Collection Date/Time:**	8/3/07	11:34
Envision Sample Number:	7-10393	**Sample Received Date/Time:**	8/4/07	12:00
Sample Matrix:	soil			

Analyte	Sample Results	Flags	Method
Percent Moisture	5.0%		1684
Percent Solids	95.0%		1684
Analysis Date:	8/14/07		
Analyst Initials	zrc		

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Client Name: Avant Group

Project ID: Omni Source

Client Project Manager: Mark Lemay

ENVision Project Number: 2007-1608

Analytical Method: 8015 TPH Extended C8-C36
Prep Method: 3550B
Analytical Batch: 082307E

Client Sample ID: B-8 (0-0.5)
Envision Sample Number: 7-10394
Sample Matrix: soil

Sample Collection Date/Time: 8/3/07 11:39
Sample Received Date/Time: 8/4/07 12:00

Compounds	Sample Results (mg/kg)	Reporting Limit (mg/kg)	Flags
TPH--Extended C8-C36	**4940**	220	2
o-Terphenyl (surrogate)	111%		
Analysis Date/Time:	8/23/2007 23:48		
Analyst Initials:	gjd		
Date Extracted:	8/13/2007		
Initial Sample Weight:	30.0 g		
Final Volume:	3.0 mL		
Percent Solids	93%		

All results reported on dry weight basis.

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Project ID: Omni Source

Client Project Manager: Mark Lemay

ENVision Project Number: 2007-1608

Client Sample ID:	B-8 (0-0.5)	**Sample Collection Date/Time:**	8/3/07	11:39
Envision Sample Number:	7-10394	**Sample Received Date/Time:**	8/4/07	12:00
Sample Matrix:	soil			

Analyte	Sample Results	Flags	Method
Percent Moisture	7.0%		1684
Percent Solids	93.0%		1684
Analysis Date:	8/14/07		
Analyst Initials	zrc		

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Client Name: Avant Group

Project ID: Omni Source

Client Project Manager: Mark Lemay

ENVision Project Number: 2007-1608

Analytical Method: 8015 TPH Extended C8-C36
Prep Method: 3550B
Analytical Batch: 082307E

Client Sample ID: B-8 (1-1.5)
Envision Sample Number: 7-10395
Sample Matrix: soil

Sample Collection Date/Time: 8/3/07 11:39
Sample Received Date/Time: 8/4/07 12:00

Compounds	Sample Results (mg/kg)	Reporting Limit (mg/kg)	Flags
TPH--Extended C8-C36	**79**	24	
o-Terphenyl (surrogate)	89%		
Analysis Date/Time:	8/24/2007 1:53		
Analyst Initials:	gjd		
Date Extracted:	8/13/2007		
Initial Sample Weight:	30.0 g		
Final Volume:	3.0 mL		
Percent Solids	84%		

All results reported on dry weight basis.

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Client Name: Avant Group

Project ID: Omni Source

Client Project Manager: Mark Lemay

ENVision Project Number: 2007-1608

Client Sample ID:	B-8 (1-1.5)	**Sample Collection Date/Time:**	8/3/07	11:39
Envision Sample Number:	7-10395	**Sample Received Date/Time:**	8/4/07	12:00
Sample Matrix:	soil			

Analyte	Sample Results	Flags	Method
Percent Moisture	16.0%		1684
Percent Solids	84.0%		1684
Analysis Date:	8/14/07		
Analyst Initials	zrc		

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Client Name: Avant Group

Project ID: Omni Source

Client Project Manager: Mark Lemay

ENVision Project Number: 2007-1608

Analytical Method: 8260
Prep Method: 5035
Analytical Batch: 081407VS

Client Sample ID: B-8 (3-4) **Sample Collection Date/Time:** 8/3/07 11:39
Envision Sample Number: 7-10396 **Sample Received Date/Time:** 8/4/07 12:00
Sample Matrix: soil

Compounds	Sample Results (mg/kg)	Rep. Limit (mg/kg)	Flags
Acetone	< 0.119	0.119	
Acrolein	< 0.119	0.119	
Acrylonitrile	< 0.119	0.119	
Benzene	< 0.006	0.006	
Bromobenzene	< 0.006	0.006	
Bromochloromethane	< 0.006	0.006	
Bromodichloromethane	< 0.006	0.006	
Bromoform	< 0.006	0.006	
Bromomethane	< 0.006	0.006	
n-Butanol	< 0.060	0.060	
2-Butanone (MEK)	< 0.012	0.012	
n-Butylbenzene	< 0.006	0.006	
sec-Butylbenzene	< 0.006	0.006	
tert-Butylbenzene	< 0.006	0.006	
Carbon Disulfide	< 0.006	0.006	
Carbon Tetrachloride	< 0.006	0.006	
Chlorobenzene	< 0.006	0.006	
Chloroethane	< 0.006	0.006	
2-Chloroethylvinylether	< 0.060	0.060	
Chloroform	< 0.006	0.006	
Chloromethane	< 0.006	0.006	
2-Chlorotoluene	< 0.006	0.006	
4-Chlorotoluene	< 0.006	0.006	
1,2-Dibromo-3-chloropropane	< 0.006	0.006	
Dibromochloromethane	< 0.006	0.006	
1,2-Dibromoethane (EDB)	< 0.006	0.006	
Dibromomethane	< 0.006	0.006	
1,2-Dichlorobenzene	< 0.006	0.006	
1,3-Dichlorobenzene	< 0.006	0.006	
1,4-Dichlorobenzene	< 0.006	0.006	
trans-1,4-Dichloro-2-butene	< 0.119	0.119	
Dichlorodifluoromethane	< 0.006	0.006	
1,1-Dichloroethane	< 0.006	0.006	
1,2-Dichloroethane	< 0.006	0.006	
1,1-Dichloroethene	< 0.006	0.006	

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Compounds	Sample Results (mg/kg)	Rep. Limit (mg/kg)	Flags
cis-1,2-Dichloroethene	< 0.006	0.006	
trans-1,2-Dichloroethene	< 0.006	0.006	
1,2-Dichloropropane	< 0.006	0.006	
1,3-Dichloropropane	< 0.006	0.006	
2,2-Dichloropropane	< 0.006	0.006	
1,1-Dichloropropene	< 0.006	0.006	
cis-1,3-Dichloropropene	< 0.006	0.006	
trans-1,3-Dichloropropene	< 0.006	0.006	
Ethylbenzene	< 0.006	0.006	
Ethyl methacrylate	< 0.119	0.119	
Hexachloro-1,3-butadiene	< 0.006	0.006	
n-Hexane	< 0.012	0.012	
2-Hexanone	< 0.012	0.012	
Iodomethane	< 0.012	0.012	
Isopropylbenzene (Cumene)	< 0.006	0.006	
p-Isopropyltoluene	< 0.006	0.006	
Methylene chloride	< 0.024	0.024	
4-Methyl-2-pentanone (MIBK)	< 0.012	0.012	
Methyl-tert-butyl-ether	< 0.006	0.006	
Naphthalene	< 0.006	0.006	
n-Propylbenzene	< 0.006	0.006	
Styrene	< 0.006	0.006	
1,1,1,2-Tetrachloroethane	< 0.006	0.006	
1,1,2,2-Tetrachloroethane	< 0.006	0.006	
Tetrachloroethene	< 0.006	0.006	
Toluene	< 0.006	0.006	
1,2,3-Trichlorobenzene	< 0.006	0.006	
1,2,4-Trichlorobenzene	< 0.006	0.006	
1,1,1-Trichloroethane	< 0.006	0.006	
1,1,2-Trichloroethane	< 0.006	0.006	
Trichloroethene	< 0.006	0.006	
Trichlorofluoromethane	< 0.006	0.006	
1,2,3-Trichloropropane	< 0.006	0.006	
1,2,4-Trimethylbenzene	< 0.006	0.006	
1,3,5-Trimethylbenzene	< 0.006	0.006	
Vinyl acetate	< 0.012	0.012	
Vinyl chloride	< 0.002	0.002	
Xylene, M&P	< 0.006	0.006	
Xylene, 0rtho	< 0.006	0.006	
Xylene, Total	< 0.012	0.012	
Dibromofluoromethane (surrogate)	53.4	107%	
1,2-Dichloroethane-d4 (surrogate)	46.2	92%	
Toluene-d8 (surrogate)	50.9	102%	
4-bromofluorobenzene (surrogate)	54.3	109%	
Analysis Date/Time:	08-14-07/05:40		
Analyst Initials	tjg		
Percent Solids:	84%		

All results reported on dry weight basis.

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Client Name: Avant Group

Project ID: Omni Source

Client Project Manager: Mark Lemay

ENVision Project Number: 2007-1608

Client Sample ID:	B-8 (3-4)	**Sample Collection Date/Time:**	8/3/07	11:39
Envision Sample Number:	7-10396	**Sample Received Date/Time:**	8/4/07	12:00
Sample Matrix:	soil			

Analyte	Sample Results	Flags	Method
Percent Moisture	16.0%		1684
Percent Solids	84.0%		1684
Analysis Date:	8/14/07		
Analyst Initials	zrc		

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Client Name: Avant Group

Project ID: Omni Source

Client Project Manager: Mark Lemay

ENVision Project Number: 2007-1608

Analytical Method: 8015 TPH Extended C8-C36
Prep Method: 3550B
Analytical Batch: 082307E

Client Sample ID: B-9 (0-0.5)
Envision Sample Number: 7-10397
Sample Matrix: soil

Sample Collection Date/Time: 8/3/07 11:45
Sample Received Date/Time: 8/4/07 12:00

Compounds	Sample Results (mg/kg)	Reporting Limit (mg/kg)	Flags
TPH--Extended C8-C36	**126**	23	
o-Terphenyl (surrogate)	98%		
Analysis Date/Time:	8/24/2007 2:24		
Analyst Initials:	gjd		
Date Extracted:	8/13/2007		
Initial Sample Weight:	30.0 g		
Final Volume:	3.0 mL		
Percent Solids	86%		

All results reported on dry weight basis.

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Client Name:	Avant Group
Project ID:	Omni Source
Client Project Manager:	Mark Lemay
ENVision Project Number:	2007-1608

Client Sample ID:	B-9 (0-0.5)	**Sample Collection Date/Time:**	8/3/07	11:45
Envision Sample Number:	7-10397	**Sample Received Date/Time:**	8/4/07	12:00
Sample Matrix:	soil			

Analyte	Sample Results	Flags	Method
Percent Moisture	14.0%		1684
Percent Solids	86.0%		1684
Analysis Date:	8/14/07		
Analyst Initials	zrc		

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Client Name: Avant Group

Project ID: Omni Source

Client Project Manager: Mark Lemay

ENVision Project Number: 2007-1608

Analytical Method: 8015 TPH Extended C8-C36
Prep Method: 3550B
Analytical Batch: 082307E

Client Sample ID: B-9 (1-1.5)
Envision Sample Number: 7-10398
Sample Matrix: soil

Sample Collection Date/Time: 8/3/07 11:45
Sample Received Date/Time: 8/4/07 12:00

Compounds	Sample Results (mg/kg)	Reporting Limit (mg/kg)	Flags
TPH--Extended C8-C36	**24**	22	
o-Terphenyl (surrogate)	81%		
Analysis Date/Time:	8/24/2007 2:56		
Analyst Initials:	gjd		
Date Extracted:	8/13/2007		
Initial Sample Weight:	30.0 g		
Final Volume:	3.0 mL		
Percent Solids	91%		

All results reported on dry weight basis.

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Client Name:	Avant Group
Project ID:	Omni Source
Client Project Manager:	Mark Lemay
ENVision Project Number:	2007-1608

Client Sample ID:	B-9 (1-1.5)	**Sample Collection Date/Time:**	8/3/07	11:45
Envision Sample Number:	7-10398	**Sample Received Date/Time:**	8/4/07	12:00
Sample Matrix:	soil			

Analyte	Sample Results	Flags	Method
Percent Moisture	9.0%		1684
Percent Solids	91.0%		1684
Analysis Date:	8/14/07		
Analyst Initials	zrc		

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Client Name: Avant Group

Project ID: Omni Source

Client Project Manager: Mark Lemay

ENVision Project Number: 2007-1608

Analytical Method: Metals 6010B/7471A
Prep Method: 3050B

Client Sample ID:	B-10	**Sample Collection Date/Time:**	8/3/07	12:45
Envision Sample Number:	7-10399	**Sample Received Date/Time:**	8/4/07	12:00
Sample Matrix:	soil			

Compounds	Sample Results (mg/kg)	Reporting Limit (mg/kg)	Flags
Arsenic	**3.1**	2	
Barium	**81**	2	
Cadmium	**4.6**	2	
Chromium	**125**	2	
Lead	**295**	2	
Mercury	< 1	1	
Selenium	< 2	2	
Silver	< 2	2	

Percent Solids 90%

Analysis Date/Time:	8/11/2007 10:10	Hg Analysis Date/Time:	8/18/2007 10:30
Analyst Initials:	gjd	Hg Analyst Initials:	gjd
Date Digested:	8/10/2007	Date Digested:	8/17/2007
Initial Sample Weight:	1.0 g	Initial Sample Weight:	0.6 g
Final Volume:	50 mL	Final Volume:	50 mL
Analytical Batch:	081007icp	**Analytical Batch:**	081807hgs

All results reported on dry weight basis.

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Client Name: Avant Group

Project ID: Omni Source

Client Project Manager: Mark Lemay

ENVision Project Number: 2007-1608

Client Sample ID:	B-10	**Sample Collection Date/Time:**	8/3/07	12:45
Envision Sample Number:	7-10399	**Sample Received Date/Time:**	8/4/07	12:00
Sample Matrix:	soil			

Analyte	Sample Results	Flags	Method
Percent Moisture	10.0%		1684
Percent Solids	90.0%		1684
Analysis Date:	8/14/07		
Analyst Initials	zrc		

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Client Name: Avant Group

Project ID: Omni Source

Client Project Manager: Mark Lemay

ENVision Project Number: 2007-1608

Analytical Method: Metals 6010B/7471A
Prep Method: 3050B

Client Sample ID:	B-11	**Sample Collection Date/Time:**	8/3/07	12:50
Envision Sample Number:	7-10400	**Sample Received Date/Time:**	8/4/07	12:00
Sample Matrix:	soil			

Compounds	Sample Results (mg/kg)	Reporting Limit (mg/kg)	Flags
Arsenic	**6.2**	2	
Barium	**562**	2	
Cadmium	**54**	2	
Chromium	**456**	2	
Lead	**1933**	2	
Mercury	**9.6**	6	1
Selenium	< 2	2	
Silver	< 2	2	

Percent Solids 88%

Analysis Date/Time:	8/11/2007 10:14	Hg Analysis Date/Time:	8/18/2007 10:35
Analyst Initials:	gjd	Hg Analyst Initials:	gjd
Date Digested:	8/10/2007	Date Digested:	8/17/2007
Initial Sample Weight:	1.0 g	Initial Sample Weight:	0.6 g
Final Volume:	50 mL	Final Volume:	50 mL
Analytical Batch:	081007icp	**Analytical Batch:**	081807hgs

All results reported on dry weight basis.

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Client Name: Avant Group

Project ID: Omni Source

Client Project Manager: Mark Lemay

ENVision Project Number: 2007-1608

Client Sample ID:	B-11	**Sample Collection Date/Time:**	8/3/07	12:50
Envision Sample Number:	7-10400	**Sample Received Date/Time:**	8/4/07	12:00
Sample Matrix:	soil			

Analyte	Sample Results	Flags	Method
Percent Moisture	12.0%		1684
Percent Solids	88.0%		1684
Analysis Date:	8/14/07		
Analyst Initials	zrc		

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Client Name: Avant Group

Project ID: Omni Source

Client Project Manager: Mark Lemay

ENVision Project Number: 2007-1608

Analytical Method: TCLP Metals 6010B/7471A
Prep Method: 1311

Client Sample ID:	B-11	**Sample Collection Date/Time:**	8/3/07	12:50
Envision Sample Number:	7-10400	**Sample Received Date/Time:**	8/4/07	12:00
Sample Matrix:	soil			

Compounds	Sample Results (mg/l)	Reporting Limit (mg/l)	Flags
Lead	**0.28**	0.01	

Analysis Date/Time:	8/27/2007 15:16
Analyst Initials:	gjd
Date Digested:	8/25/2007
Initial Sample Volume:	50 ml
Final Volume:	50 ml
Analytical Batch:	082707icp

Results reported on wet weight basis.

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Client Name: Avant Group

Project ID: Omni Source

Client Project Manager: Mark Lemay

ENVision Project Number: 2007-1608

Analytical Method: Metals 6010B/7471A
Prep Method: 3050B

Client Sample ID:	B-12	**Sample Collection Date/Time:**	8/3/07	13:00
Envision Sample Number:	7-10401	**Sample Received Date/Time:**	8/4/07	12:00
Sample Matrix:	soil			

Compounds	Sample Results (mg/kg)	Reporting Limit (mg/kg)	Flags
Arsenic	**7.6**	2	
Barium	**603**	2	
Cadmium	**11**	2	
Chromium	**264**	2	
Lead	**1410**	2	
Mercury	**2.3**	1	
Selenium	< 2	2	
Silver	< 2	2	
Percent Solids	96%		

Analysis Date/Time:	8/11/2007 10:17	Hg Analysis Date/Time:	8/18/2007 10:37
Analyst Initials:	gjd	Hg Analyst Initials:	gjd
Date Digested:	8/10/2007	Date Digested:	8/17/2007
Initial Sample Weight:	1.0 g	Initial Sample Weight:	0.6 g
Final Volume:	50 mL	Final Volume:	50 mL
Analytical Batch:	081007icp	**Analytical Batch:**	081807hgs

All results reported on dry weight basis.

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Client Name: Avant Group

Project ID: Omni Source

Client Project Manager: Mark Lemay

ENVision Project Number: 2007-1608

Client Sample ID:	B-12	**Sample Collection Date/Time:**	8/3/07	13:00
Envision Sample Number:	7-10401	**Sample Received Date/Time:**	8/4/07	12:00
Sample Matrix:	soil			

Analyte	Sample Results	Flags	Method
Percent Moisture	4.0%		1684
Percent Solids	96.0%		1684
Analysis Date:	8/14/07		
Analyst Initials	zrc		

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Client Name: Avant Group

Project ID: Omni Source

Client Project Manager: Mark Lemay

ENVision Project Number: 2007-1608

Analytical Method: TCLP Metals 6010B/7471A
Prep Method: 1311

Client Sample ID:	B-12	**Sample Collection Date/Time:**	8/3/07	13:00
Envision Sample Number:	7-10401	**Sample Received Date/Time:**	8/4/07	12:00
Sample Matrix:	soil			

Compounds	Sample Results (mg/l)	Reporting Limit (mg/l)	Flags
Lead	**0.21**	0.01	

Analysis Date/Time:	8/27/2007 15:19
Analyst Initials:	gjd
Date Digested:	8/25/2007
Initial Sample Volume:	50 ml
Final Volume:	50 ml
Analytical Batch:	082707icp

Results reported on wet weight basis.

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Client Name: Avant Group

Project ID: Omni Source

Client Project Manager: Mark Lemay

ENVision Project Number: 2007-1608

Analytical Method: Metals 6010B/7471A
Prep Method: 3050B

Client Sample ID:	B-13	**Sample Collection Date/Time:**	8/3/07	13:05
Envision Sample Number:	7-10402	**Sample Received Date/Time:**	8/4/07	12:00
Sample Matrix:	soil			

Compounds	Sample Results (mg/kg)	Reporting Limit (mg/kg)	Flags
Arsenic	**3.5**	2	
Barium	**698**	2	
Cadmium	**5.8**	2	
Chromium	**29**	2	
Lead	**3081**	2	
Mercury	< 1	1	
Selenium	< 2	2	
Silver	< 2	2	

Percent Solids 92%

Analysis Date/Time:	8/11/2007 10:20	Hg Analysis Date/Time:	8/18/2007 10:39
Analyst Initials:	gjd	Hg Analyst Initials:	gjd
Date Digested:	8/10/2007	Date Digested:	8/17/2007
Initial Sample Weight:	1.0 g	Initial Sample Weight:	0.6 g
Final Volume:	50 mL	Final Volume:	50 mL
Analytical Batch:	081007icp	**Analytical Batch:**	081807hgs

All results reported on dry weight basis.

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Client Name: Avant Group

Project ID: Omni Source

Client Project Manager: Mark Lemay

ENVision Project Number: 2007-1608

Client Sample ID:	B-13	**Sample Collection Date/Time:**	8/3/07	13:05
Envision Sample Number:	7-10402	**Sample Received Date/Time:**	8/4/07	12:00
Sample Matrix:	soil			

Analyte	Sample Results	Flags	Method
Percent Moisture	8.0%		1684
Percent Solids	92.0%		1684
Analysis Date:	8/14/07		
Analyst Initials	zrc		

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Client Name: Avant Group

Project ID: Omni Source

Client Project Manager: Mark Lemay

ENVision Project Number: 2007-1608

Analytical Method: TCLP Metals 6010B/7471A
Prep Method: 1311

Client Sample ID:	B-13	**Sample Collection Date/Time:**	8/3/07	13:05
Envision Sample Number:	7-10402	**Sample Received Date/Time:**	8/4/07	12:00
Sample Matrix:	soil			

Compounds	Sample Results (mg/l)	Reporting Limit (mg/l)	Flags
Lead	**6.29**	0.01	

Analysis Date/Time:	8/27/2007 15:28
Analyst Initials:	gjd
Date Digested:	8/25/2007
Initial Sample Volume:	50 ml
Final Volume:	50 ml
Analytical Batch:	082707icp

Results reported on wet weight basis.

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Client Name: Avant Group

Project ID: Omni Source

Client Project Manager: Mark Lemay

ENVision Project Number: 2007-1608

Analytical Method: Metals 6010B/7471A
Prep Method: 3050B

Client Sample ID:	B-14	**Sample Collection Date/Time:**	8/3/07	13:10
Envision Sample Number:	7-10403	**Sample Received Date/Time:**	8/4/07	12:00
Sample Matrix:	soil			

Compounds	Sample Results (mg/kg)	Reporting Limit (mg/kg)	Flags
Arsenic	< 2	2	
Barium	**109**	2	
Cadmium	**4.2**	2	
Chromium	**125**	2	
Lead	**721**	2	
Mercury	**1.6**	1	
Selenium	< 2	2	
Silver	< 2	2	

Percent Solids 96%

Analysis Date/Time:	8/11/2007 10:23	Hg Analysis Date/Time:	8/18/2007 10:40
Analyst Initials:	gjd	Hg Analyst Initials:	gjd
Date Digested:	8/10/2007	Date Digested:	8/17/2007
Initial Sample Weight:	1.0 g	Initial Sample Weight:	0.6 g
Final Volume:	50 mL	Final Volume:	50 mL
Analytical Batch:	081007icp	**Analytical Batch:**	081807hgs

All results reported on dry weight basis.

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Client Name: Avant Group

Project ID: Omni Source

Client Project Manager: Mark Lemay

ENVision Project Number: 2007-1608

Client Sample ID:	B-14	**Sample Collection Date/Time:**	8/3/07	13:10
Envision Sample Number:	7-10403	**Sample Received Date/Time:**	8/4/07	12:00
Sample Matrix:	soil			

Analyte	Sample Results	Flags	Method
Percent Moisture	4.0%		1684
Percent Solids	96.0%		1684
Analysis Date:	8/14/07		
Analyst Initials	zrc		

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Client Name: Avant Group

Project ID: Omni Source

Client Project Manager: Mark Lemay

ENVision Project Number: 2007-1608

Analytical Method: 8015 GRO
Prep Method: 5030
Analytical Batch: 081107GW

Client Sample ID: B-1
Envision Sample Number: 7-10404
Sample Matrix: water

Sample Collection Date/Time: 8/3/07 10:00
Sample Received Date/Time: 8/4/07 12:00

Compounds	Sample Results (mg/L)	Reporting Limit (mg/L)	Flags
TPH-Gasoline	< 0.22	0.22	
4-bromofluorobenzene (surrogate)	82%		
Analysis Date/Time:	08/11/07/12:20		
Analyst Initials	tjg		

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Client Name: Avant Group

Project ID: Omni Source

Client Project Manager: Mark Lemay

ENVision Project Number: 2007-1608

Analytical Method: 8260
Prep Method: 5030B
Analytical Batch: 081207VW

Client Sample ID: B-1
Envision Sample Number: 7-10404
Sample Matrix: water

Sample Collection Date/Time: 8/3/07 10:00
Sample Received Date/Time: 8/4/07 12:00

Compounds	Sample Results (mg/L)	Reporting Limit (mg/l)	Flags
Benzene	< 0.005	0.005	
Toluene	< 0.005	0.005	
Ethylbenzene	< 0.005	0.005	
Xylene, M&P	< 0.005	0.005	
Xylene, 0rtho	< 0.005	0.005	
Xylenes, Total	< 0.01	0.01	
Methyl-tert-butyl-ether	< 0.005	0.005	
Dibromofluoromethane (surrogate)	48.9	98%	
1,2-Dichloroethane-d4 (surrogate)	53.2	106%	
Toluene-d8 (surrogate)	51.1	102%	
4-bromofluorobenzene (surrogate)	44.3	89%	
Analysis Date/Time:	08-12-07/06:27		
Analyst Initials	tjg		

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Client Name: Avant Group

Project ID: Omni Source

Client Project Manager: Mark Lemay

ENVision Project Number: 2007-1608

Analytical Method: 8015 GRO
Prep Method: 5030
Analytical Batch: 081107GW

Client Sample ID: B-4
Envision Sample Number: 7-10405
Sample Matrix: water

Sample Collection Date/Time: 8/3/07 10:15
Sample Received Date/Time: 8/4/07 12:00

Compounds	Sample Results (mg/L)	Reporting Limit (mg/L)	Flags
TPH-Gasoline	< 0.22	0.22	
4-bromofluorobenzene (surrogate)	96%		
Analysis Date/Time:	08/11/07/12:40		
Analyst Initials	tjg		

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Client Name: Avant Group

Project ID: Omni Source

Client Project Manager: Mark Lemay

ENVision Project Number: 2007-1608

Analytical Method: 8260
Prep Method: 5030B
Analytical Batch: 081307VS

Client Sample ID: B-4
Envision Sample Number: 7-10405
Sample Matrix: water

Sample Collection Date/Time: 8/3/07 10:15
Sample Received Date/Time: 8/4/07 12:00

Compounds	Sample Results (mg/L)	Reporting Limit (mg/l)	Flags
Benzene	< 0.005	0.005	
Toluene	< 0.005	0.005	
Ethylbenzene	< 0.005	0.005	
Xylene, M&P	< 0.005	0.005	
Xylene, 0rtho	< 0.005	0.005	
Xylenes, Total	< 0.01	0.01	
Methyl-tert-butyl-ether	< 0.005	0.005	
Dibromofluoromethane (surrogate)	64.4	129%	
1,2-Dichloroethane-d4 (surrogate)	53.2	106%	
Toluene-d8 (surrogate)	52	104%	
4-bromofluorobenzene (surrogate)	58.2	116%	
Analysis Date/Time:	08-13-07/09:05		
Analyst Initials	tjg		

First Environmental Laboratories, Inc.
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Case Narrative

ENVISION LABORATORIES, INC.

Project ID: **2007-1608**

First Environmental File ID: **7-3498**

Date Received: **August 07, 2007**

Flag	Description	Flag	Description
<	Analyte not detected at or above the reporting limit.	L+	LCS recovery outside control limits; high bias.
B	Analyte detected in associated method blank.	L-	LCS recovery outside control limits; low bias.
C	Identification confirmed by GC/MS.	M	MS recovery outside control limits; LCS acceptable.
D	Surrogates diluted out; recovery not available.	M+	MS recovery outside control limits high bias; LCS acceptable.
E	Estimated result; concentration exceeds calibration range.	M-	MS recovery outside control limits low bias; LCS acceptable.
F	Field measurement.	N	Analyte is not part of our NELAC accreditation.
		ND	Analyte was not detected using a library search routine; No calibration standard was analyzed.
G	Surrogate recovery outside control limits; matrix effect.	P	Chemical preservation pH adjusted in lab.
H	Analysis or extraction holding time exceeded.	Q	The analyte was determined by a GC/MS database search.
J	Estimated result; concentration is less than calib range.	S	Analyte was sub-contracted to another laboratory for analysis.
K	RPD outside control limits.	T	Sample temperature upon receipt exceeded 0-6°C
RL	Routine Reporting Limit (Lowest amount that can be detected when routine weights/volumes are used without dilution.)	W	Reporting limit elevated due to sample matrix.

All quality control criteria, as outlined in the methods, have been met except as noted below or on the following analytical report.

Sample Batch Comments:

Sample acceptance criteria were met.

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Analytical Report

Client:	ENVISION LABORATORIES, INC.	**Date Collected:**	08/03/07
Project ID:	2007-1608	**Time Collected:**	12:45
Sample ID:	B-10 / 7-10399	**Date Received:**	08/07/07
Sample No:	7-3498-001	**Date Reported:**	08/28/07

Results are reported on a dry weight basis.

Analyte		Result	R.L.	Units	Flags
Solids, total	**Method: 160.3**				
Analysis Date: 08/07/07					
Total Solids		87.41		%	
Polychlorinated biphenyls (PCBs)	**Method: 8082**		**Preparation Method 3540C**		
Analysis Date: 08/14/07			Preparation Date: 08/07/07		
Aroclor 1016		< 80.0	80.0	ug/kg	
Aroclor 1221		< 80.0	80.0	ug/kg	
Aroclor 1232		< 80.0	80.0	ug/kg	
Aroclor 1242		< 80.0	80.0	ug/kg	
Aroclor 1248		< 80.0	80.0	ug/kg	
Aroclor 1254		29,700	160	ug/kg	
Aroclor 1260		16,900	160	ug/kg	
Tetrachloro-m-xylene (Surr)		88	54-108	%	
Decachlorobiphenyl (Surr)		199	41-130	%	G

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Analytical Report

Client:	ENVISION LABORATORIES, INC.	**Date Collected:**	08/03/07
Project ID:	2007-1608	**Time Collected:**	12:50
Sample ID:	B-11 / 7-10400	**Date Received:**	08/07/07
Sample No:	7-3498-002	**Date Reported:**	08/28/07

Results are reported on a dry weight basis.

Analyte		Result	R.L.	Units	Flags
Solids, total	**Method: 160.3**				
Analysis Date: 08/07/07					
Total Solids		84.08		%	
Polychlorinated biphenyls (PCBs)	**Method: 8082**		**Preparation Method 3540C**		
Analysis Date: 08/14/07			Preparation Date: 08/07/07		
Aroclor 1016		< 80.0	80.0	ug/kg	
Aroclor 1221		< 80.0	80.0	ug/kg	
Aroclor 1232		< 80.0	80.0	ug/kg	
Aroclor 1242		< 80.0	80.0	ug/kg	
Aroclor 1248		17,500	80.0	ug/kg	
Aroclor 1254		< 160	160	ug/kg	
Aroclor 1260		3,230	160	ug/kg	
Tetrachloro-m-xylene (Surr)		104	54-108	%	
Decachlorobiphenyl (Surr)		96	41-130	%	

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Analytical Report

Client:	ENVISION LABORATORIES, INC.	**Date Collected:**	08/03/07
Project ID:	2007-1608	**Time Collected:**	13:00
Sample ID:	B-12 / 7-10401	**Date Received:**	08/07/07
Sample No:	7-3498-003	**Date Reported:**	08/28/07

Results are reported on a dry weight basis.

Analyte		Result	R.L.	Units	Flags
Solids, total	**Method: 160.3**				
Analysis Date: 08/07/07					
Total Solids		92.39		%	
Polychlorinated biphenyls (PCBs)	**Method: 8082**		**Preparation Method 3540C**		
Analysis Date: 08/14/07			Preparation Date: 08/07/07		
Aroclor 1016		< 80.0	80.0	ug/kg	
Aroclor 1221		< 80.0	80.0	ug/kg	
Aroclor 1232		< 80.0	80.0	ug/kg	
Aroclor 1242		< 80.0	80.0	ug/kg	
Aroclor 1248		7,160	80.0	ug/kg	
Aroclor 1254		< 160	160	ug/kg	
Aroclor 1260		3,020	160	ug/kg	
Tetrachloro-m-xylene (Surr)		84	54-108	%	
Decachlorobiphenyl (Surr)		91	41-130	%	

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Analytical Report

Client: ENVISION LABORATORIES, INC.
Project ID: 2007-1608
Sample ID: B-13 / 7-10402
Sample No: 7-3498-004

Date Collected: 08/03/07
Time Collected: 13:05
Date Received: 08/07/07
Date Reported: 08/28/07

Results are reported on a dry weight basis.

Analyte		Result	R.L.	Units	Flags
Solids, total	**Method: 160.3**				
Analysis Date: 08/07/07					
Total Solids		91.70		%	
Polychlorinated biphenyls (PCBs)	**Method: 8082**		**Preparation Method 3540C**		
Analysis Date: 08/14/07			Preparation Date: 08/07/07		
Aroclor 1016		< 80.0	80.0	ug/kg	
Aroclor 1221		< 80.0	80.0	ug/kg	
Aroclor 1232		< 80.0	80.0	ug/kg	
Aroclor 1242		< 80.0	80.0	ug/kg	
Aroclor 1248		< 80.0	80.0	ug/kg	
Aroclor 1254		< 160	160	ug/kg	
Aroclor 1260		< 160	160	ug/kg	
Tetrachloro-m-xylene (Surr)		105	54-108	%	
Decachlorobiphenyl (Surr)		81	41-130	%	

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Analytical Report

Client:	ENVISION LABORATORIES, INC.	**Date Collected:**	08/03/07
Project ID:	2007-1608	**Time Collected:**	13:10
Sample ID:	B-14 / 7-10403	**Date Received:**	08/07/07
Sample No:	7-3498-005	**Date Reported:**	08/28/07

Results are reported on a dry weight basis.

Analyte		Result	R.L.	Units	Flags
Solids, total	**Method: 160.3**				
Analysis Date: 08/07/07					
Total Solids		94.09		%	
Polychlorinated biphenyls (PCBs)	**Method: 8082**		**Preparation Method 3540C**		
Analysis Date: 08/14/07			Preparation Date: 08/07/07		
Aroclor 1016		< 80.0	80.0	ug/kg	
Aroclor 1221		< 80.0	80.0	ug/kg	
Aroclor 1232		< 80.0	80.0	ug/kg	
Aroclor 1242		3,590	80.0	ug/kg	
Aroclor 1248		< 80.0	80.0	ug/kg	
Aroclor 1254		< 160	160	ug/kg	
Aroclor 1260		690	160	ug/kg	
Tetrachloro-m-xylene (Surr)		100	54-108	%	
Decachlorobiphenyl (Surr)		98	41-130	%	

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8260 Quality Control Data

ENVision Batch Number: 081607VS

Method Blank (MB):	MB Results (ug/kg)	Rep Lim (ug/kg)	Flag
Methyl-tert-butyl-ether	< 5	5	
Benzene	< 5	5	
Toluene	< 5	5	
Ethylbenzene	< 5	5	
Xylene, M&P	< 5	5	
Xylene, 0rtho	< 5	5	
Xylenes, Total	<10	10	
Dibromofluoromethane (surrogate)	89%		
1,2-Dichloroethane-d4 (surrogate)	96%		
Toluene-d8 (surrogate)	100%		
4-bromofluorobenzene (surrogate)	101%		
Analysis Date/Time:	08-16-07/15:29		
Analyst Initials	tjg		

Laboratory Control Standard (LCS):	LCS Results (ug/kg)	LCS Conc (ug/kg)	% Rec	Flag
Methyl-tert-butyl-ether	54.9	50	110%	
Benzene	50.5	50	101%	
Toluene	45.7	50	91%	
Ethylbenzene	51.7	50	103%	
Xylene, M&P	108	100	108%	
Xylene, 0rtho	54.5	50	109%	
Dibromofluoromethane (surrogate)	79%			
1,2-Dichloroethane-d4 (surrogate)	84%			
Toluene-d8 (surrogate)	100%			
4-bromofluorobenzene (surrogate)	96%			
Analysis Date/Time:	08-16-07/14:54			
Analyst Initials	tjg			

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8260 Quality Control Data

ENVision Batch Number: 081407VS

Method Blank (MB):	MB Results (ug/kg)	Rep Lim (ug/kg)	Flag
Acetone	< 100	100	
Acrolein	< 100	100	
Acrylonitrile	< 100	100	
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 5	5	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 5	5	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 100	100	
Dichlorodifluoromethane	< 5	5	
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	< 5	5	
trans-1,2-Dichloroethene	< 5	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
cis-1,3-Dichloropropene	< 5	5	
trans-1,3-Dichloropropene	< 5	5	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	

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8260 QC Continued…

	MB Results (ug/kg)	Rep Lim (ug/kg)	Flag
Hexachloro-1,3-butadiene	< 5	5	
2-Hexanone	< 10	10	
n-Hexane	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
Naphthalene	< 5	5	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 5	5	
Tetrachloroethene	< 5	5	
Toluene	< 5	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	< 5	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 5	5	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	< 2	2	
Xylene, M&P	< 5	5	
Xylene, 0rtho	< 5	5	
Xylenes, Total	<10	10	
Dibromofluoromethane (surrogate)	122%		
1,2-Dichloroethane-d4 (surrogate)	103%		
Toluene-d8 (surrogate)	102%		
4-bromofluorobenzene (surrogate)	98%		
Analysis Date/Time:	08-14-07/02:26		
Analyst Initials	tjg		

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8260 QC Continued…

Laboratory Control Standard (LCS):	LCS Results (ug/kg)	LCS Conc(ug/kg)	% Rec	Flag
1,1-Dichloroethene	55.3	50	111%	
Benzene	51.9	50	104%	
Trichloroethene	50.7	50	101%	
Toluene	50.9	50	102%	
Chlorobenzene	50.3	50	101%	
Dibromofluoromethane (surrogate)	103%			
1,2-Dichloroethane-d4 (surrogate)	99%			
Toluene-d8 (surrogate)	105%			
4-bromofluorobenzene (surrogate)	97%			
Analysis Date/Time:	08-14-07/02:04			
Analyst Initials	tjg			

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8015 TPH-Extended Range Quality Control Data

ENVision Batch Number: 081307DS

Method Blank (MB):	MB Results (mg/kg)	Reporting Limit (mg/kg)	Flag
TPH-Extended Range	< 20	20	
o-Terphenyl (surrogate)	63%		
Analysis Date/Time:	08-15-07/09:02		
Analyst Initials:	bds		
Date Extracted:	8/13/2007		
Initial Sample Weight:	30.0 g		
Final Volume:	3.0 mL		

LCS/LCSD	LCS Result (mg/kg)	LCS/LCSD Conc. (mg/kg)	LCSD Result (mg/kg)	LCS Rec.	LCSD Rec.	RPD	Flag
TPH-Extended Range	80.26	100	92.07	80.3%	92.1%	13.7%	
o-Terphenyl (surrogate)	75%		86%				
Analysis Date/Time:	08-15-07/09:31		08-15-07/10:01				
Analyst Initials:	bds		bds				
Date Extracted:	8/13/2007		8/13/2007				
Initial Sample Weight:	30.0 g		30.0 g				
Final Volume:	3.0 mL		3.0 mL				

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8015 TPH-Gasoline Quality Control Data

ENVision Batch Number: 080907GS

Method Blank (MB):	MB Results (mg/kg)	Rep Lim (mg/kg)	Flag
TPH-Gasoline	< 15	15	
4-bromofluorobenzene (surrogate)	112%		
Analysis Date/Time:	08/09/07/05:27		
Analyst Initials:	tjg		

LCS/LCSD	LCS Results (mg/kg)	LCS/LCSD Conc. (mg/kg)	LCSD Result (mg/kg)	LCS Rec.	LCSD Rec.	RPD	Flag
TPH-Gasoline	9.45	10	9.49	95%	95%	0.4%	
4-bromofluorobenzene (surrogate)	100%		102%				
Analysis Date/Time:	08/09/07/04:47		08/09/07/16:32				
Analyst Initials	tjg		tjg				

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6010B/7471A Metals Quality Control Data

ENVision Batch Number: 081007icp / 081807hgs

Method Blank (MB):	MB Results (mg/kg)	Rep Lim (mg/kg)	Flag
Arsenic	< 2	2	
Barium	< 2	2	
Cadmium	< 2	2	
Chromium	< 2	2	
Lead	< 2	2	
Mercury	< 1	1	
Selenium	< 2	2	
Silver	< 2	2	
Analysis Date/Time:	8/10/07 15:09icp / 8/18/07 10:09hg		
Analyst Initials:	gjd		

Laboratory Control Standard:	LCS Results(ppm)	LCS Conc(ppm)	% Rec	Flag
Arsenic	0.55	0.50	110%	
Barium	0.48	0.50	96%	
Cadmium	0.49	0.50	98%	
Chromium	0.51	0.50	102%	
Lead	0.48	0.50	96%	
Mercury	0.0098	0.01	98%	
Selenium	0.55	0.50	110%	
Silver	0.48	0.50	96%	
Analysis Date/Time:	8/10/07 15:16icp / 8/18/07 10:12hg			
Analyst Initials:	gjd			

Matrix Spike/Matrix Spike Dup:	Smpl Results(ppm)	MS Res(ppm)	MSD Res(ppm)	Spk Conc(ppm)	MS Rec	MSD Rec	% D	Flag
Arsenic	0	0.49	0.46	0.50	98%	92%	6.316	
Barium	0.44	1.02	1.01	0.50	116%	114%	1.739	
Cadmium	0	0.44	0.44	0.50	88%	88%	0	
Chromium	0.09	0.59	0.57	0.50	100%	96%	4.082	
Lead	0.27	0.73	0.74	0.50	92%	94%	2.151	
Mercury	0.0037	0.0061	0.0051	0.0025	96%	56%	52.63	3
Selenium	0	0.43	0.41	0.50	86%	82%	4.762	
Silver	0	0.33	0.3	0.50	66%	60%	9.524	
Original Sample Number Spiked:	7-10593icp / 7-10399hg							
Analysis Date/Time:	8/11/07 10:26icp / 8/18/07 10:32hg							
Analyst Initials:	gjd							

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6010B TCLP Metals Quality Control Data

ENVision Batch Number: 082707icp

Method Blank (MB):	MB Results (mg/L)	Rep Lim (mg/L)	Flag
Lead	< 0.01	0.01	
Analysis Date/Time:	8/27/2007 15:09		
Analyst Initials:	gjd		

Laboratory Control Standard (LCS):	LCS Results(mg/L)	LCS Conc(mg/L)	% Rec	Flag
Lead	0.54	0.5	108	
Analysis Date/Time:	8/27/2007 15:09			
Analyst Initials:	gjd			

Matrix Spike/Matrix Spike Dup (MS/MSD)	Sample Results (mg/L)	MS Res(mg/L)	MSD Re	Spike C	MS Rec	MSD Rec	% D	Flag
Lead	0.21	0.67	0.66	0.5	92%	90%	2.198	
Originial Sample Number Spiked:	7-1401							
Analysis Date/Time:	8/27/2007 15:09							
Analyst Initials:	gjd							

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8260 Quality Control Data

ENVision Batch Number: 081307VW

Method Blank (MB):	MB Results (ug/L)	Rep Lim (ug/L)	Flag
Methyl-tert-butyl-ether	< 5	5	
Benzene	< 5	5	
Toluene	< 5	5	
Ethylbenzene	< 5	5	
Xylene, M&P	< 5	5	
Xylene, 0rtho	< 5	5	
Xylenes, Total	<10	10	
Dibromofluoromethane (surrogate)	125%		
1,2-Dichloroethane-d4 (surrogate)	108%		
Toluene-d8 (surrogate)	100%		
4-bromofluorobenzene (surrogate)	111%		
Analysis Date/Time:	08-13-07/01:36		
Analyst Initials	tjg		

Laboratory Control Standard (LCS):	LCS Results (ug/L)	LCS Conc (ug/L)	% Rec	Flag
Methyl-tert-butyl-ether	57.7	50	115%	
Benzene	56.9	50	114%	
Toluene	50.4	50	101%	
Ethylbenzene	56.9	50	114%	
Xylene, M&P	115	100	115%	
Xylene, 0rtho	52.5	50	105%	
Dibromofluoromethane (surrogate)	108%			
1,2-Dichloroethane-d4 (surrogate)	103%			
Toluene-d8 (surrogate)	102%			
4-bromofluorobenzene (surrogate)	117%			
Analysis Date/Time:	08-13-07/00:52			
Analyst Initials	tjg			

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8260 Quality Control Data

ENVision Batch Number: 081207VW

Method Blank (MB):	MB Results (ug/L)	Rep Lim (ug/L)	Flag
Methyl-tert-butyl-ether	< 5	5	
Benzene	< 5	5	
Toluene	< 5	5	
Ethylbenzene	< 5	5	
Xylene, M&P	< 5	5	
Xylene, 0rtho	< 5	5	
Xylenes, Total	<10	10	
Dibromofluoromethane (surrogate)	105%		
1,2-Dichloroethane-d4 (surrogate)	103%		
Toluene-d8 (surrogate)	99%		
4-bromofluorobenzene (surrogate)	102%		
Analysis Date/Time:	08-12-07/00:57		
Analyst Initials	tjg		

LCS/LCSD	LCS Results (ug/l)	LCS/LCSD Conc. (ug/l)	LCSD Result (ug/l)	LCS Rec.	LCSD Rec.	RPD	Flag
Methyl-tert-butyl-ether	51.1	50	49.1	102%	98%	4.0%	
Benzene	56.3	50	52.9	113%	106%	6.2%	
Toluene	51.7	50	49.7	103%	99%	3.9%	
Ethylbenzene	56.3	50	51.7	113%	103%	8.5%	
Xylene, M&P	110	100	103	110%	103%	6.6%	
Xylene, 0rtho	53.6	50	51.2	107%	102%	4.6%	
Dibromofluoromethane (surrogate)	79%		92%				
1,2-Dichloroethane-d4 (surrogate)	101%		103%				
Toluene-d8 (surrogate)	97%		101%				
4-bromofluorobenzene (surrogate)	101%		105%				
Analysis Date/Time:	08-12-07/00:35		08-12-07/00:12				
Analyst Initials	tjg		tjg				

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8015 TPH-Gasoline Quality Control Data

ENVision Batch Number: 081107GW

Method Blank (MB):	MB Results (mg/L)	Rep Lim (mg/kg)	Flag
TPH-Gasoline	< 15	15	
4-bromofluorobenzene (surrogate)	112%		
Analysis Date/Time:	08/11/07/05:36		
Analyst Initials:	tjg		

LCS/LCSD	LCS Results (mg/L)	LCS/LCSD Conc. (mg/kg)	LCSD Result (mg/L)	LCS Rec.	LCSD Rec.	RPD	Flag
TPH-Gasoline	9.83	10	8.67	98%	87%	12.54	
4-bromofluorobenzene (surrogate)	100%		102%				
Analysis Date/Time:	08/11/07/04:57		08/11/07/09:39				
Analyst Initials	tjg		tjg				

ENVision Laboratories, Inc.
1439 Sadlier Circle West Drive
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Flag Number	Comments
1	Reported value is from a 6x dilution. GJD 08-18-07
2	Reported value is from a 10x dilution. GJD 08-18-07
3	Matrix Interference caused the % Recovery to be outside the established limits. All other QC is in control. GJD 08-25-07

AVANT Group

508 Incentive Drive
Fort Wayne, Indiana 46825
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CHAIN OF CUSTODY RECORD

2007-1608

Project Number: 07-791-20
Project Name: AmiSource
Samplers: (Signatures) Mark Linder

Sample Identification	Date	Time	Grab	Comp	Matrix	Number of Containers	Parameters: TPH-GRO (5035)	BTEX/MTBE (5035)	Moisture Content	Total RCRA Metals	PCBs	TPH-ETRO	Remarks
B-1	8/3/07	0838	X		Soil	7	X	X	X				OAC 7-10384
B-2		0903	X			7	X	X	X				7-10385
B-3		0915	X			7	X	X	X				7-10386
B-4		0943	X			7	X	X	X				7-10387
B-5 (0-.5)		1125	X			1			X			X	7-10388
B-5 (1-1.5)		1125	X			1			X			X	7-10389
B-6 (0-.5)		1130	X			1			X			X	7-10390
B-6 (1-1.5)		1130	X			(1)	-sample not analyzed- lost at lab CAC 8/28/07		X			X	7-10391
B-7 (0-.5)		1134	X			1			X			X	7-10392
B-7 (1-1.5)		1134	X			1			X			X	7-10393
B-8 (0-.5)		1139	X			1			X			X	7-10394
B-8 (1-1.5)		1139	X			1			X			X	7-10395

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Mark Linder	8/3/07 1700	Cheryl Crum 8/4/07 12:00			
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)

T = 30C

Pg. 2 of 2

AVANT Group

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CHAIN OF CUSTODY RECORD

2007-1608

Project Number	Project Name
07-791-20	OmniSource
Samplers: (Signatures)	Mark Linder

Sample Identification	Date	Time	Grab	Comp	Matrix	Number of Containers	Parameters: VOCs (SD35)	TPH-GRO	BTEX/MTBE	Moisture Content	TOTAL RCRA Metals	PCBs	TPH-ERO	Remarks
B-8 (3-4)	8/3/07	1139	X		SOIL	4	X			X				7-10396
B-9 (0-.5)		1145	X			1				X			X	7-10397
B-9 (1-1.5)		1145	X			1				X			X	7-10398
B-10		1245	X			2					X			7-10399
B-11		1250	X			2					X			7-10400
B-12		1300	X			2					X			7-10401
B-13		1305	X			2					X			7-10402
B-14		1310	X			2					X			7-10403
B-1		1000	X		H2O	3			X					7-10404
B-24		1015	X			3			X					7-10405
														USE RISC GUIDANCE

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Mark Linder	8/3/07 1700	Cheryl Cann 8/4/07 12:00			
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)

T-3°C