

APPENDIX A

NYSDEC CORRESPONDENCE

New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau A, 11th Floor
625 Broadway, Albany, New York 12233-7015
Phone: (518) 402-9620 • **FAX:** (518) 402-9020
Website: www.dec.state.ny.us



Denise M. Sheehan
Acting
Commissioner

CS
RECEIVED AUG 18 2005

August 15, 2005

Mr. Clark Hamilton
Managing Member
ARC Chase Partners, LLC
One Gateway Center Suite 230
11-43 Raymond Plaza West
Newark, New Jersey 07102

Re: Brownfield Cleanup Program
Former Darby Drugs, C130140
80-110 Banks Avenue
Rockville Centre, Town of Hempstead, Nassau County

Dear Mr. Hamilton:

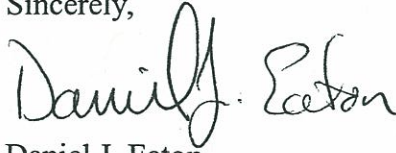
The Department, in conjunction with the NYSDOH, has reviewed the draft Remedial Investigation Report for the Former Darby Drugs site and offers the following comments.

1. The procedures that were implemented in the field to collect the soil gas samples must be documented and included in the report.
2. The discharge points must be further investigated and identified for the four (4) interior drainage systems mentioned on page 8 of the report.
3. The suspected leaching structure in the vicinity of boring B8 must be further investigated.
4. Deeper groundwater beneath the clay layer should be investigated because it is possible that the three (3) injection wells discharged beneath the clay layer at the site. Appropriate precautions must be taken to prevent contamination from migrating below the clay layer during the investigation.
5. There appears to have been very limited soil and groundwater investigation in the northern portion of the property. This area may require further investigation.
6. To further delineate the potential for site related contamination to Smith Pond, sediment samples should be collected and analyzed for semi-volatile organic compounds, volatile organic compounds, and metals.

7. The qualitative exposure assessment (section 4.3) did not include possible dermal exposure. This route of exposure must be addressed in the qualitative exposure assessment.
8. There are several locations at which the level of contamination in the groundwater samples and the level of contamination in the soil samples do not coincide. The levels in the groundwater are higher than the levels in the soil would indicate they should be; sample locations B-2, B-4, B-6, B-15, and B-17. These inconsistencies should be addressed in the RI report. Based on the current data, the Department does not support the conclusion that remediation in these areas is not necessary because the soil sample is below the recommended soil cleanup guidance value.
9. High levels of PCE were detected in the groundwater near the south property line. An offsite threat assessment is necessary. Considering the VOC soil and groundwater contamination source areas that have been identified at the site, the potential soil vapor intrusion should be considered in the offsite threat assessment at the down gradient commercial and residential properties.
10. Based on the report, seven (7) drywells were sampled. Four of the seven drywells contained elevated levels of metals (SD-1 : 94 ppm chromium, SD-3 : 720 ppm lead, SD-4 : 2.9 ppm mercury, SD-6 : 1.5 ppm mercury). The other 17 drywells at the site should also be sampled. The four contaminated drywells mentioned above and any other contaminated drywells detected, based on the sampling results, will require evaluation and possible remediation.
11. In Section 2.4.2. Monitoring Well Installation, the report indicates that 1 inch permanent monitoring wells were installed with Geoprobe equipment. The NCDH does not accept 1 inch monitoring wells. Monitoring wells must have a minimum diameter of two (2) inches and should be drilled and properly developed. The 1 inch monitoring wells should be replaced with proper 2 inch wells.
12. The horizontal extent of soil contamination at the site needs to be further delineated.
13. Attention should be brought to grammatical errors found on the following pages: on page 5 under the potential injection wells paragraph, the word property is misspelled (*properly*). On page 7 in the last paragraph, there is an extra word in the first sentence. On page 14 under 2.9.1 leaching structure results paragraph, there is an extra word in the first sentence.
14. On page 22 in the first paragraph, consultants reported that "*Previous investigations performed at the site identified a concentration of chlorinated VOCs, primarily PCE, in soils beneath the southeast portion of the building.*" The majority of the investigation at this site was conducted in the southwest portion of the building. During the 2/10/05 meeting with the BCP candidate, it was indicated that this wording was an error. The wording should be corrected to read "southwest."

Please feel free to contact me if you have any questions.

Sincerely,

A handwritten signature in black ink that reads "Daniel J. Eaton". The signature is written in a cursive style with a large, looped initial "D".

Daniel J. Eaton
Engineering Geologist

cc: M. Faltischek
C. Sosik

New York State Department of Environmental Conservation

Division of Environmental Remediation

Remedial Bureau A

625 Broadway, 11th Floor

Albany, New York 12233-7015

Phone: (518) 402-9625 • Fax: (518) 402-9020 / (518) 402-9627

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Alexander B. Grannis
Commissioner

September 20, 2007

Mr. Charles B. Sosik
EBC Environmental Business Consultants
9 Peconic Road
Ridge NY 11961

RE: OU-2 Work Plan Review/Response
Darby Drugs Distribution Center.
80-100 Banks Avenue
Rockville Center, NY
Site No. C130140

Dear Mr. Sosik:

The New York State Departments of Environmental Conservation (NYSDEC) and Health (NYSDOH), have reviewed the Work Plan for Operable Unit 2 (OU-2), dated July 2007. The following is a list of comments provided by the two departments. Each of the comments must be addressed in a revised work plan or as an addendum to the current before the NYSDEC will grant approval.

Comments:

1. NYSDEC has recently learned that in 1971 Downen-Zier Knits applied for a State Pollutant Discharge Elimination System Permit (SPDES) in which they requested the approval to install 3 supply wells for cooling water. The application (see attachment) also identifies diffusion wells to return the water to aquifer and 14 leaching pools on the western side of the property. This confirms the long speculation of a leaching pool system on the west side of the building. The existence and location of the pools should be determined and sediment and groundwater sampling be completed on all the pools.

2. The work plan should include sampling beneath the clay layer. As the above noted permit request indicates, the diffusion wells punctured the clay layer. It is only an assumption that the clay layer has not been breached. No sampling has ever been completed below the clay layer in the area of the suspected plume. To assume that there is no contamination in the lower aquifer would be incorrect. According to the SPDES permit, three wells were installed at depths between 40' to 50' (i.e. below the clay layer). If the wells were not sealed correctly, contamination could have leaked into the lower aquifer. Another potential pathway to the aquifer are the three diffusion wells. These wells are noted to be at 37'-50', located on the south west side of the building. The diffusion wells were installed to dispense the water from the 3 supply wells after it was used in a closed loop cooling system for dry cleaning. It is possible, that heat exchanger leaks could provide a pathway to cross contamination, thus impacting the aquifer. Therefore, samples should be taken outside of the source area, to a depth between the clay and confining layers.
3. The transects should continue to the west and east, so as to identify the complete extent (width) of the plume. The three transects should extend to Smith Pond and Mill River.
4. If the plume is found to be discharging into the river, ground water samples should be taken from beneath the river.
5. The analysis should include testing for metals because metals such as antimony are often used in textile production. The TAL metals by methods 6010/7000 and TCL SVOC by 8270 should be included.
6. Soil vapor intrusion sampling should be completed in the adjacent buildings MTA bus terminal, hotel, Shiloh Baptist Church and Rockville Housing Authority building.
7. Include the following details on the public well field;
 1. Profile sampling should be completed on the west side of the water bodies and between the wells to determine if plume is being pulled towards the well field.
 2. Periodic sampling of the Centinel well should be completed to give warning of plume reaching the well field.
8. A DUSR (Data Usability Summary Report) is also required.
9. Since the second transect will not be started until results have returned from the first, the NYSDEC and NYSDOH request adequate time to review the sample report.

If you have any questions please feel free to contact me via phone or e-mail (prior to any formal letter response) at (518)-402-9622 or mebufali@gw.dec.state.ny.us

Sincerely,

A handwritten signature in black ink, appearing to read "Mark E. Bufalini". The signature is fluid and cursive, with the first name "Mark" being particularly prominent.

Mark E. Bufalini
Project Manager
Remedial Bureau B

cc:

J. Yavonditte - NYSDEC
W. Parish - RHWRE Reg 1.
S. Karpinski - NYSDOH

State of New York

DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Long Island Well Application No. W-2842

In the Matter of the Application

- of -

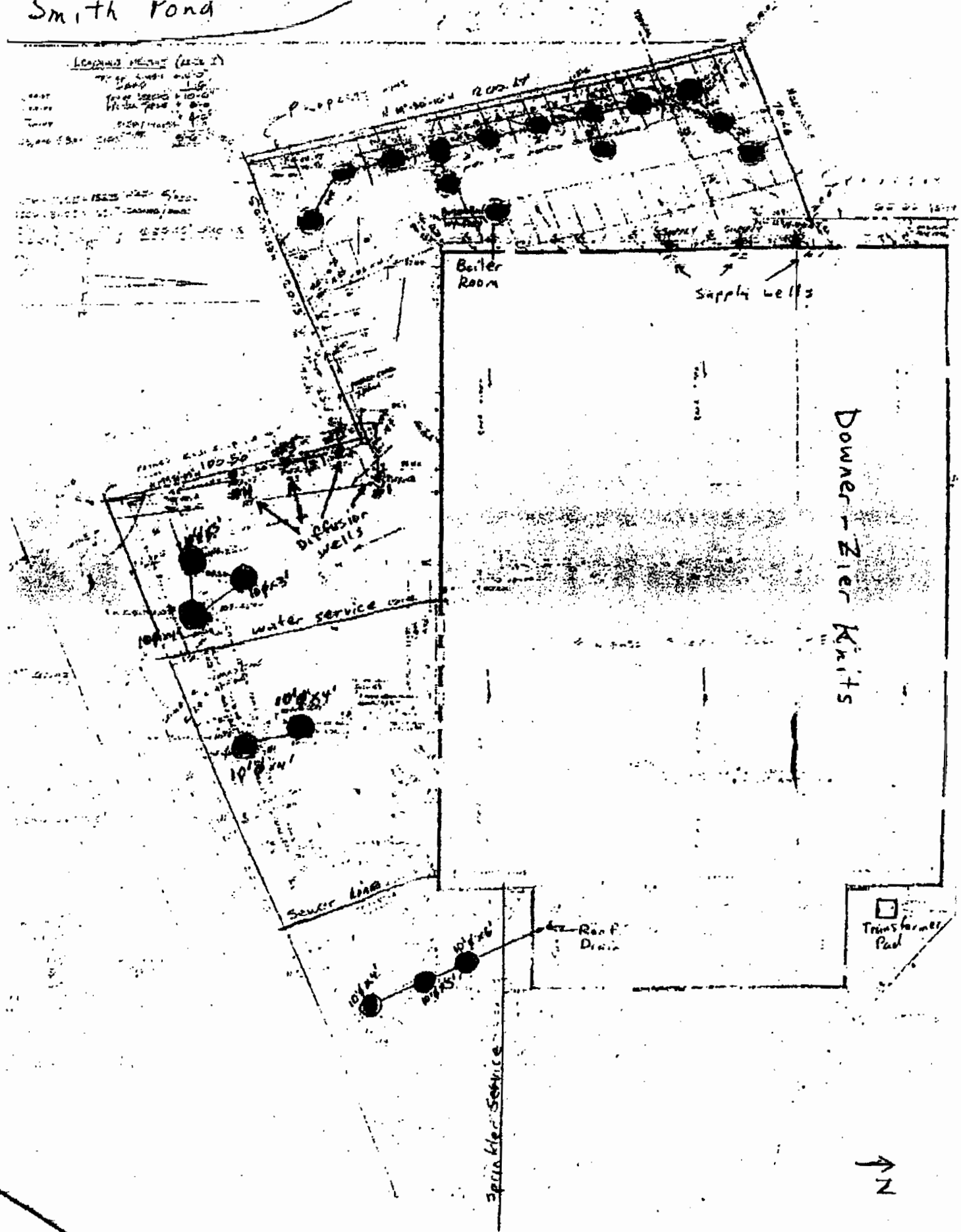
DOJENH-ZIER KNITS, INC.

for approval to install wells at
its premises at Banks Avenue,
Rockville Center, County of Nassau,
State of New York.

D E C I S I O N

Application filed	December 9, 1971
Hearing held in Westbury	December 17, 1971
Decision	January 27, 1972

Smith Pond



4. The water will be used about 300 days a year at an average rate of 360,000 gallons a day. Annual usage will not exceed 108 million gallons.

5. Water is to pass from the wells through a common supply header to the various cooling units, then through a common return header into 4 separate diffusion wells spaced at 20-foot intervals at a location about 150 feet south-east of the supply wells. There will be no outlets or connections in the system that will permit usage of this water for any other purpose.

6. There are no other wells on this property and water for all other purposes will be obtained from the Village of Rockville Center public supply system.

7. Since all water pumped from the proposed wells is to be returned to the same pumping zone, there will be no net loss to the underground strata or any adverse effect on any public supply wells. The nearest public supply wells are Nos. N-5656 and N-7521 of the Long Island Water Corp. located about 3/8 of a mile to the west.

CONDITIONS

The Department finds it to be necessary to protect the interests of the applicant and of the people of the State to impose the following conditions:

- A. By authority of this decision and approval, applicant is authorized to use water pumped from this well or wells for cooling as indicated herein but for no other purpose whatsoever.
- B. This water may be used only in a completely closed system and the water must be returned through the proposed diffusion well or wells, or some other equivalent satisfactory structure, to the zone in which the supply well is screened. Although each case will be decided on its particular merits, in general this zone will be considered to extend from 50 feet above the top of the supply well screen to 50 feet below the bottom of the supply well screen. In the event of multiple screen settings in the supply well or wells, the diffusion zone will probably be determined by the lowermost supply well screen. The above limits may be extended, if it can be established to the satisfaction of this Department that the proposed diffusion zone is freely interconnected with the supply well zone.

- C. Detailed plans showing the proposed method of returning the water after use must be submitted to and approved by this Department before such work is started. Plans of a diffuser will be considered only after the stratification has been revealed by the stirring of the supply well. The entire project must be completed in accordance with approved plans.
- D. No overflows or connections to sewers or cross-connections to any other source of water supply may be installed or maintained.
- E. Upon completion of the proposed supply wells and before a permit to operate will be issued, applicant shall submit to the Department the results of an analysis made from a sample of water taken from the well or wells, as prescribed by the Department.
- F. No chemical or polluting substance may be discharged in this water or into the diffusion well and the material used in this piping of the cooling system shall be of a nature reasonably resistant to corrosion which would pollute the water and tend to clog the diffusion well.
- G. This entire plant and the apparatus connected therewith must at all reasonable hours be open to inspection and test by duly accredited agents of this Department and of the local water authorities.
- H. This decision and approval shall not be held to grant exemption from general restrictions of the use of water for this particular purpose which may at any time be imposed by other competent authority.
- I. The Department of Environmental Conservation reserves the right to reconsider this approval at any time and, after due notice and hearing, at that time to continue, rescind or modify this decision in such a manner as may be found to be just and equitable.

- J. Unless all work authorized by the decision shall have been completed by February 1, 1975, or within such extended time as may have been applied for and granted by the Department, then and on that date this approval shall be deemed to have lapsed.

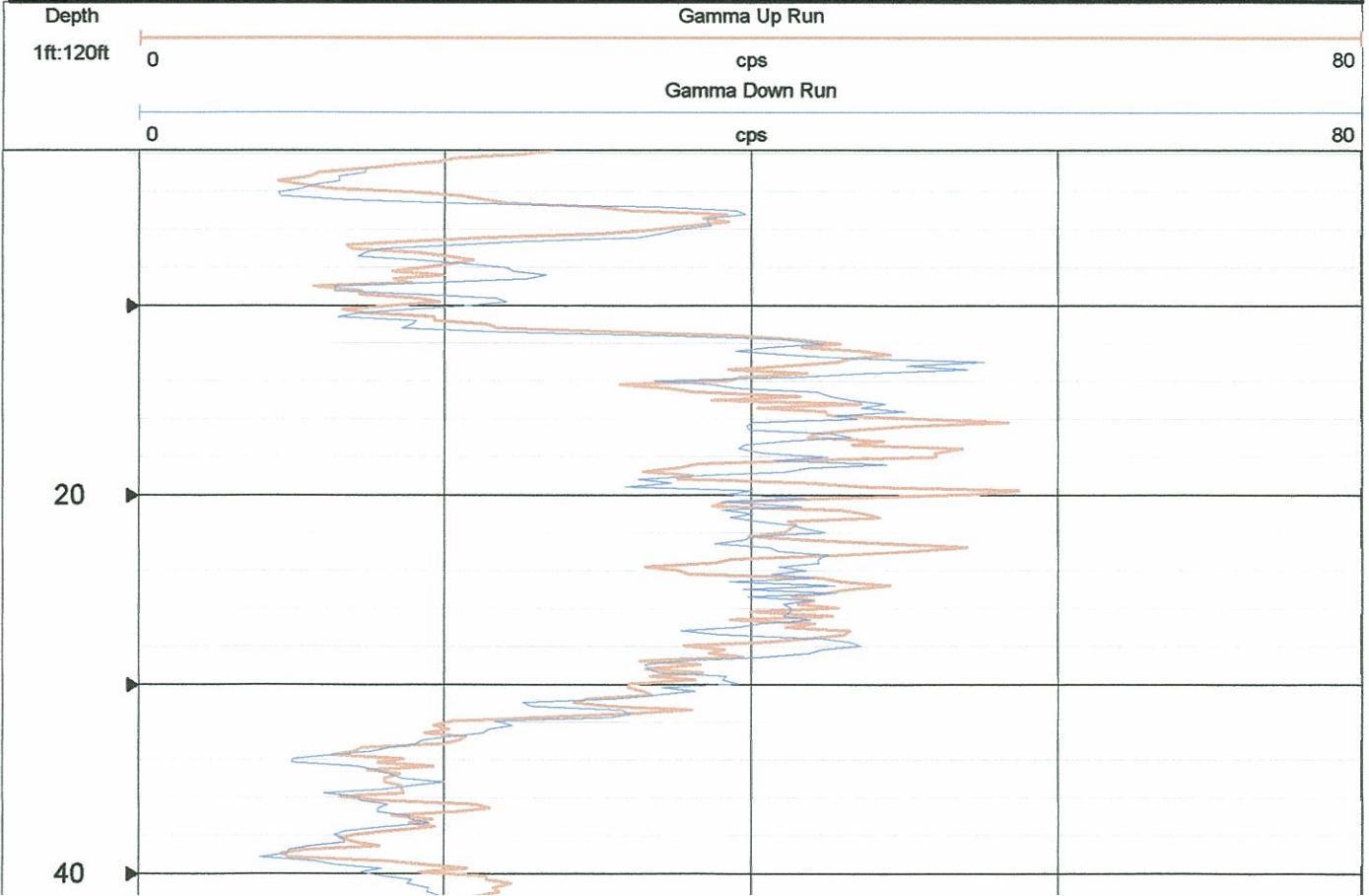
DETERMINATION

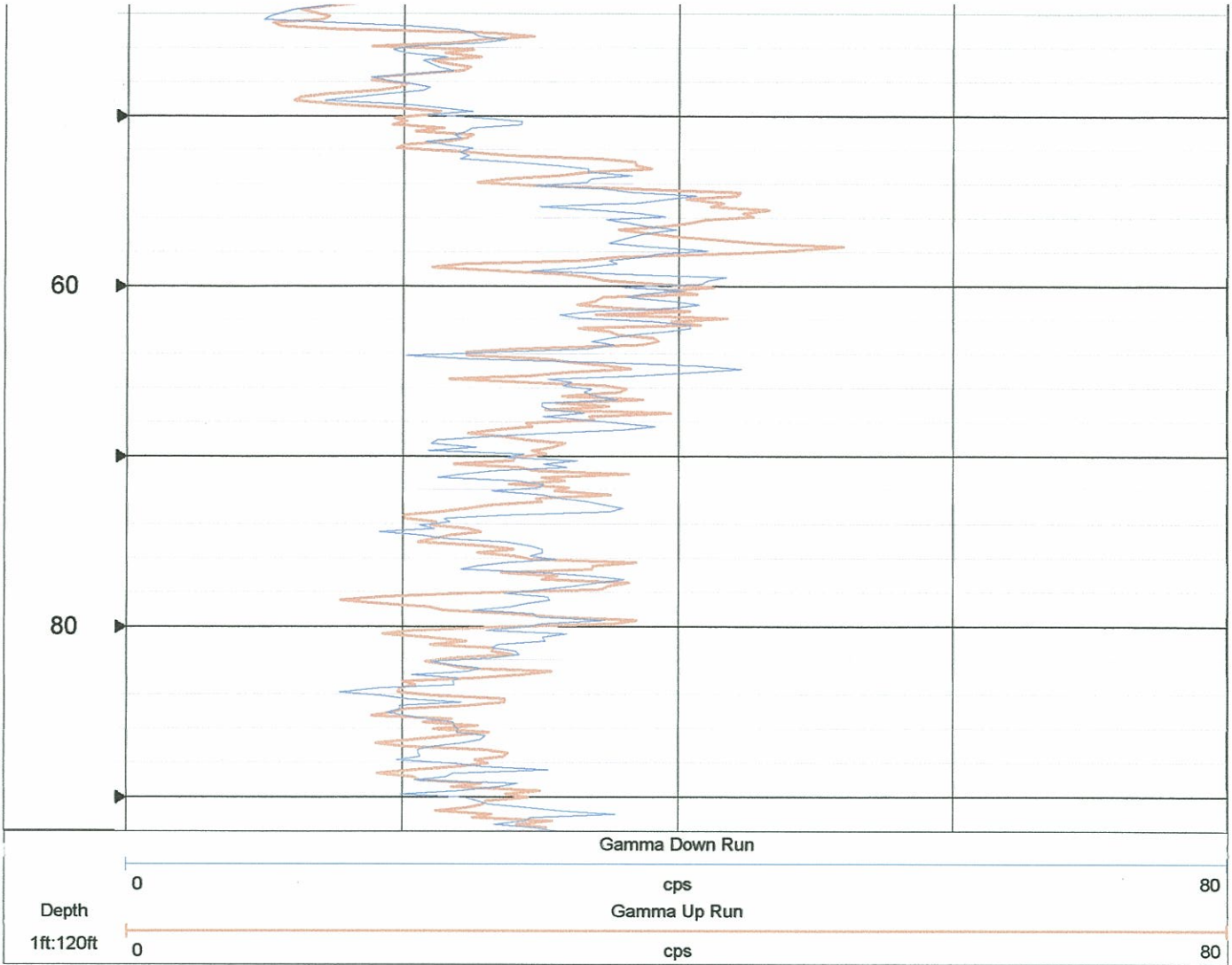
In view of the above, the Department of Environmental Conservation under the provisions of Section 4.6 of the Conservation Law, approves of this application as above modified.

APPENDIX B GAMMA LOGS

MSI

COMPANY ASSOCIATED ENVIRONMENTAL		WELL ID VP - 01		FIELD PROJECT AVB - 0801		COUNTRY NASSAU		STATE NEW YORK	
LOCATION		80 - 100 BANKS AVE., ROCKVILLE CENTRE		OTHER SERVICES					
PERMANENT DATUM		ELEVATION		K.B.					
LOG MEAS. FROM		ABOVE PERM. DATUM		D.F.					
DRILLING MEAS. FROM		G.L.							
DATE		OCTOBER 6, 2008		TYPE FLUID IN HOLE					
RUN No				SALINITY					
TYPE LOG				DENSITY					
DEPTH-DRILLER		100 FEET		LEVEL					
DEPTH-LOGGER		93.3 FEET		MAX. REC. TEMP.					
BITM LOGGED INTERVAL									
TOP LOGGED INTERVAL									
OPERATING RIG TIME									
RECORDED BY		BENJAMIN RICE							
WITNESSED BY		MENZY JEAN-BAPTISTE							
BOREHOLE RECORD		CASING RECORD							
NO.	BIT	FROM	TO	SIZE	WGT.	FROM	TO	TOTAL DEPTH	
				4 INCH	HSA				





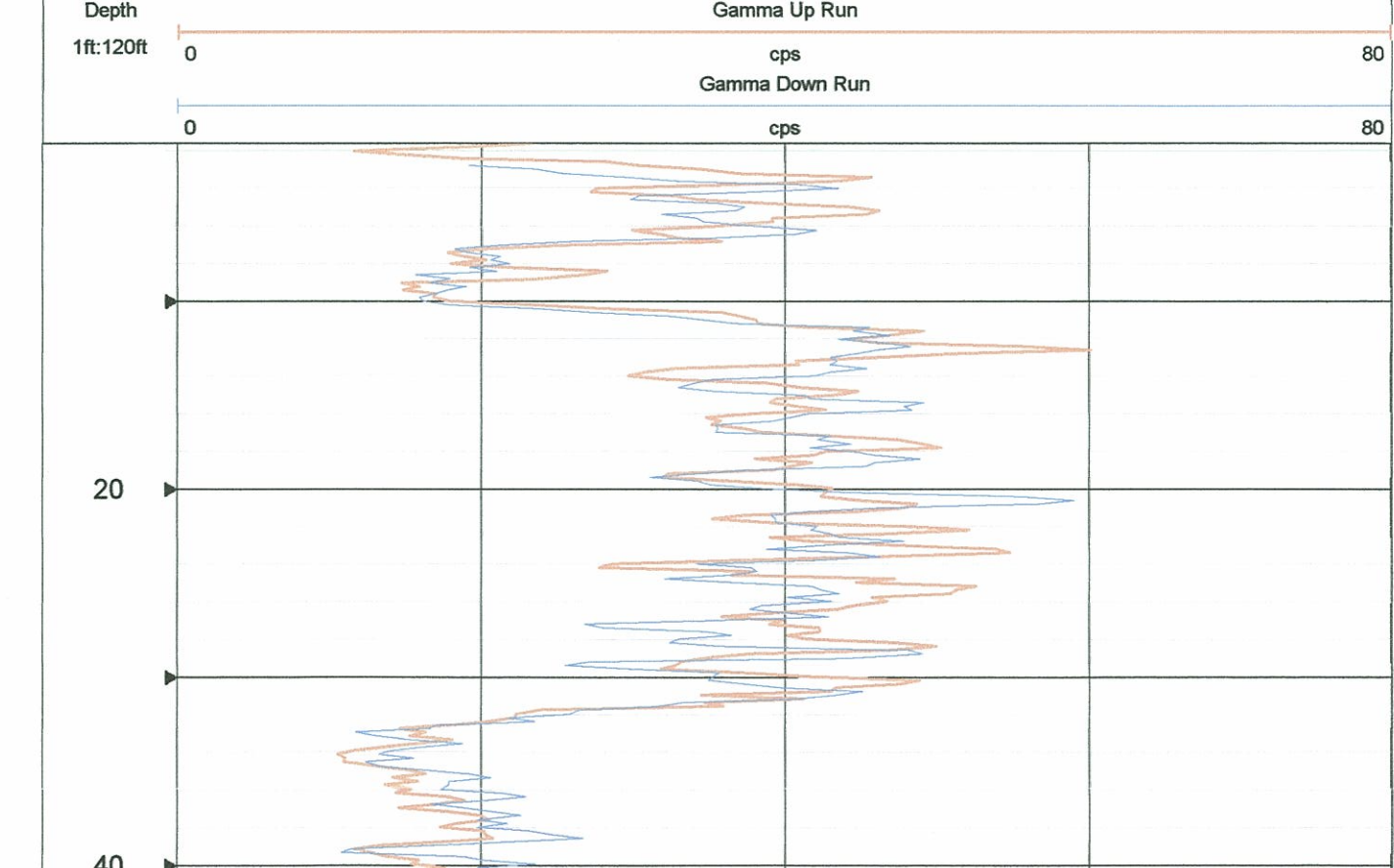
MSI

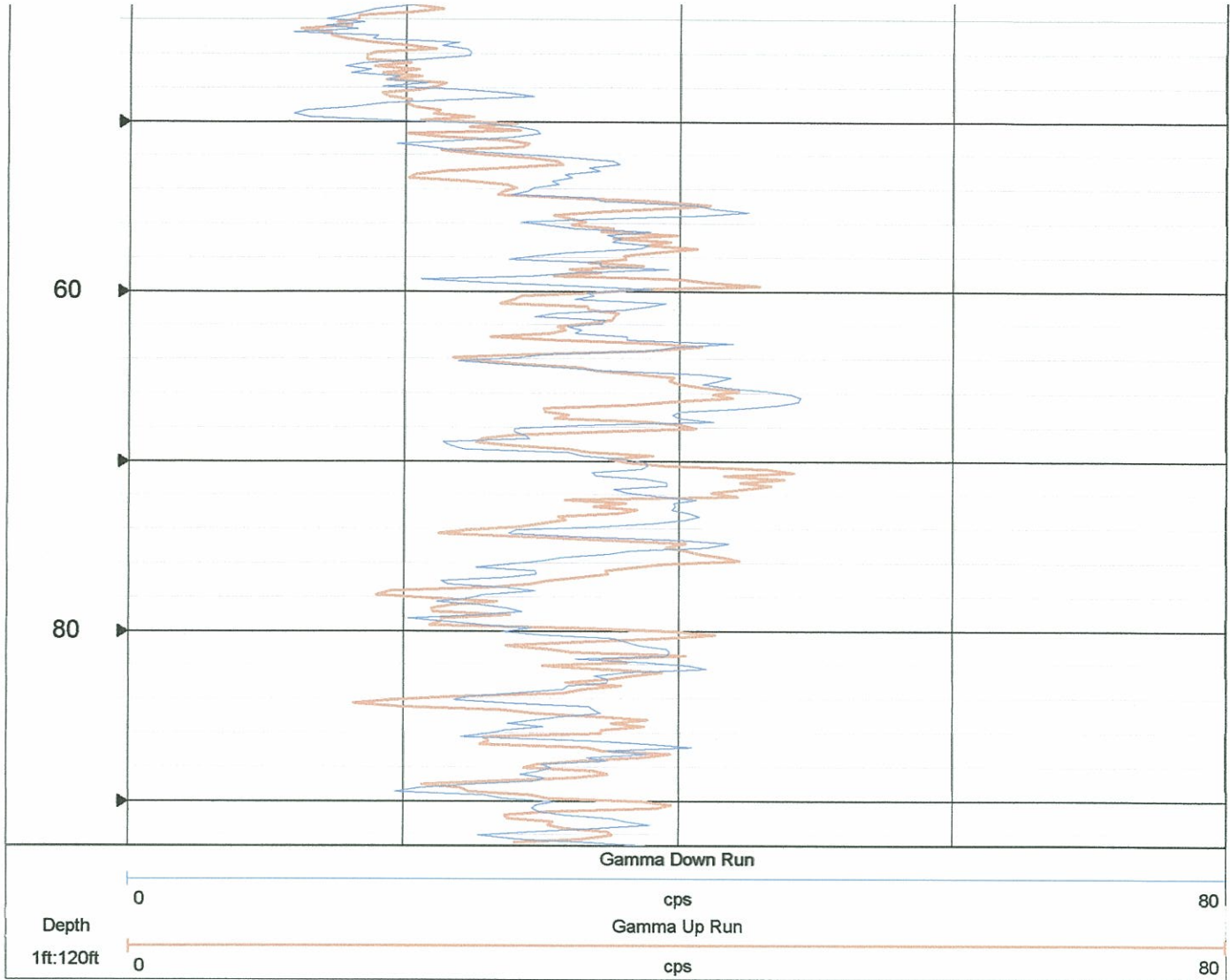
COMPANY ASSOCIATED ENVIRONMENTAL
WELL ID VP - 02
FIELD PROJECT AVB - 0801
COUNTRY NASSAU **STATE** NEW YORK
LOCATION
 80 - 100 BANKS AVE., ROCKVILLE CENTRE
FILING No

PERMANENT DATUM ELEVATION
LOG MEAS. FROM BLACKTOP **ABOVE PERM. DATUM**
DRILLING MEAS. FROM

DATE OCTOBER 6, 2008 **TYPE FLUID IN HOLE**
RUN No **SALINITY**
TYPE LOG **DENSITY**
DEPTH-DRILLER 100 FEET **LEVEL**
DEPTH-LOGGER 94 FEET **MAX. REC. TEMP.**
BTM LOGGED INTERVAL
TOP LOGGED INTERVAL
OPERATING RIG TIME
RECORDED BY BENJAMIN RICE
WITNESSED BY MENZY JEAN-BAPTISTE

BOREHOLE RECORD		CASING RECORD					
NO.	BIT	FROM	TO	SIZE	WGT.	FROM	TO
				4 INCH	HSA		TOTAL DEPTH





Gamma Down Run

0

cps

80

Depth

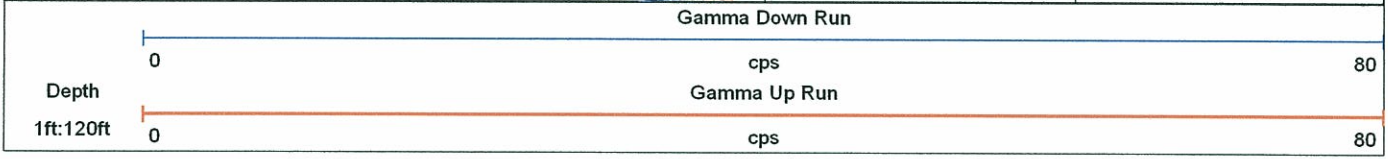
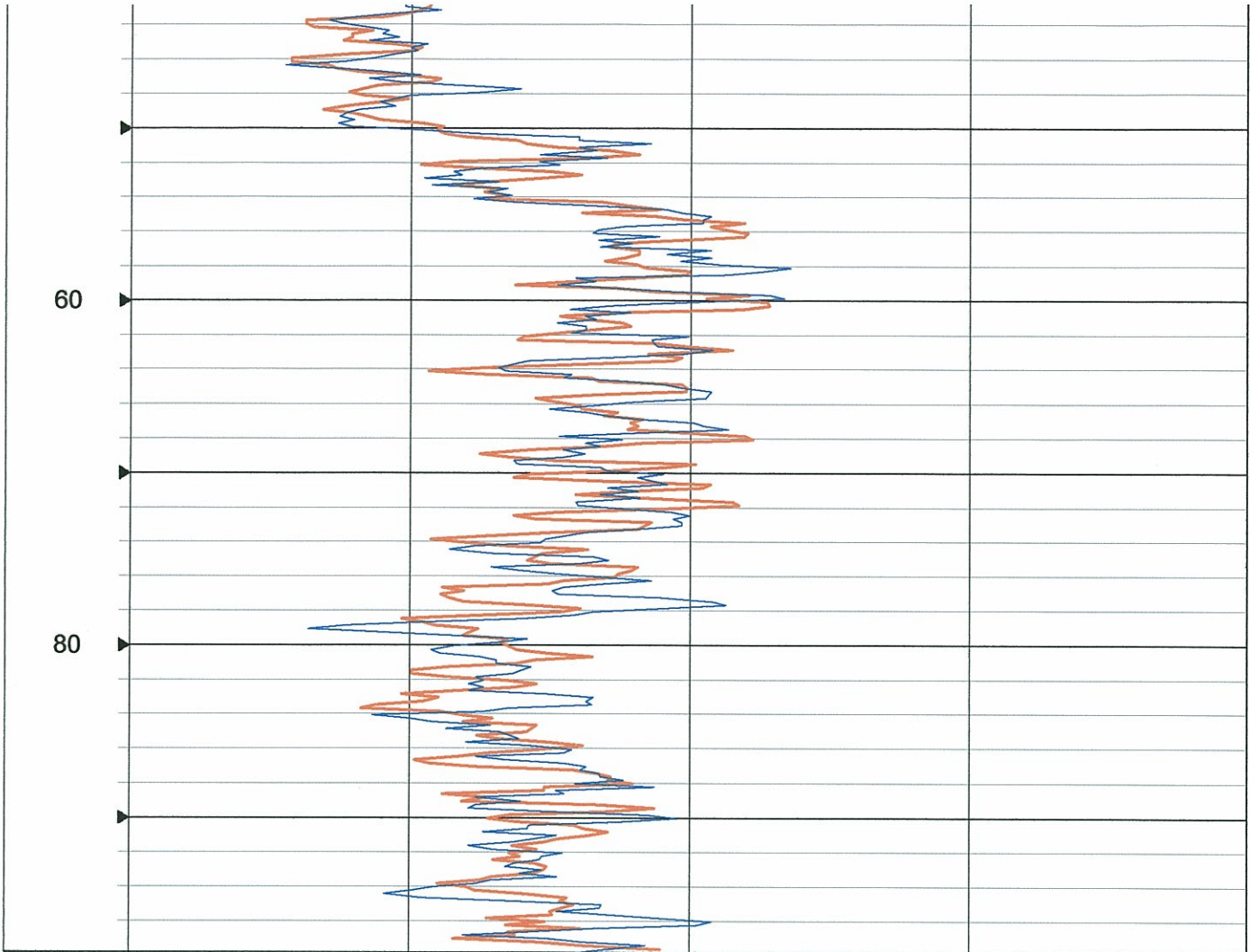
Gamma Up Run

1ft:120ft

0

cps

80



MSI

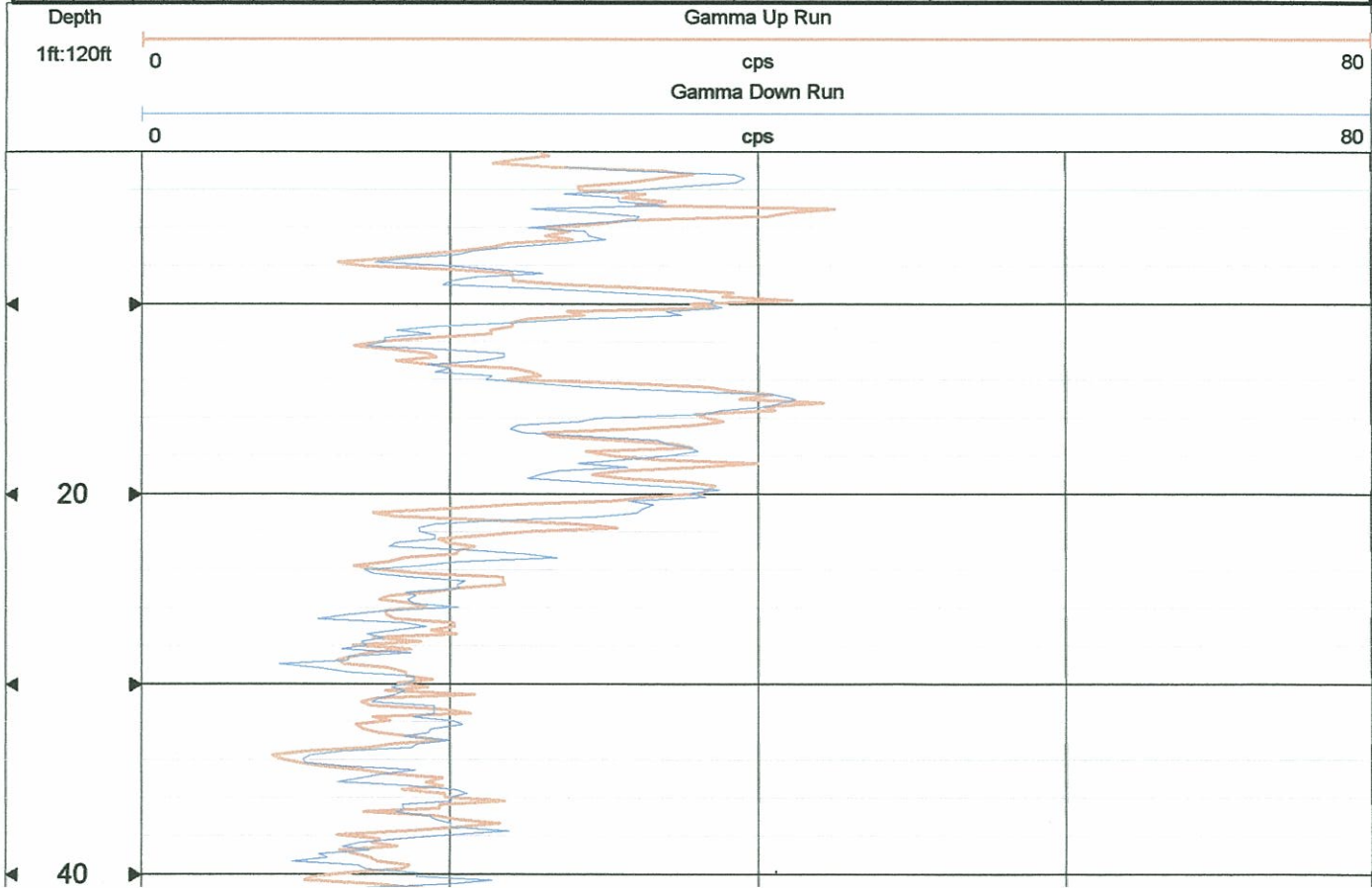
COMPANY ASSOCIATED ENVIRONMENTAL
WELL ID VP - 04
FIELD PROJECT AVB - 0801
COUNTRY NASSAU **STATE** NEW YORK
LOCATION
 80 - 100 BANKS AVE, ROCKVILLE CENTRE
OTHER SERVICES

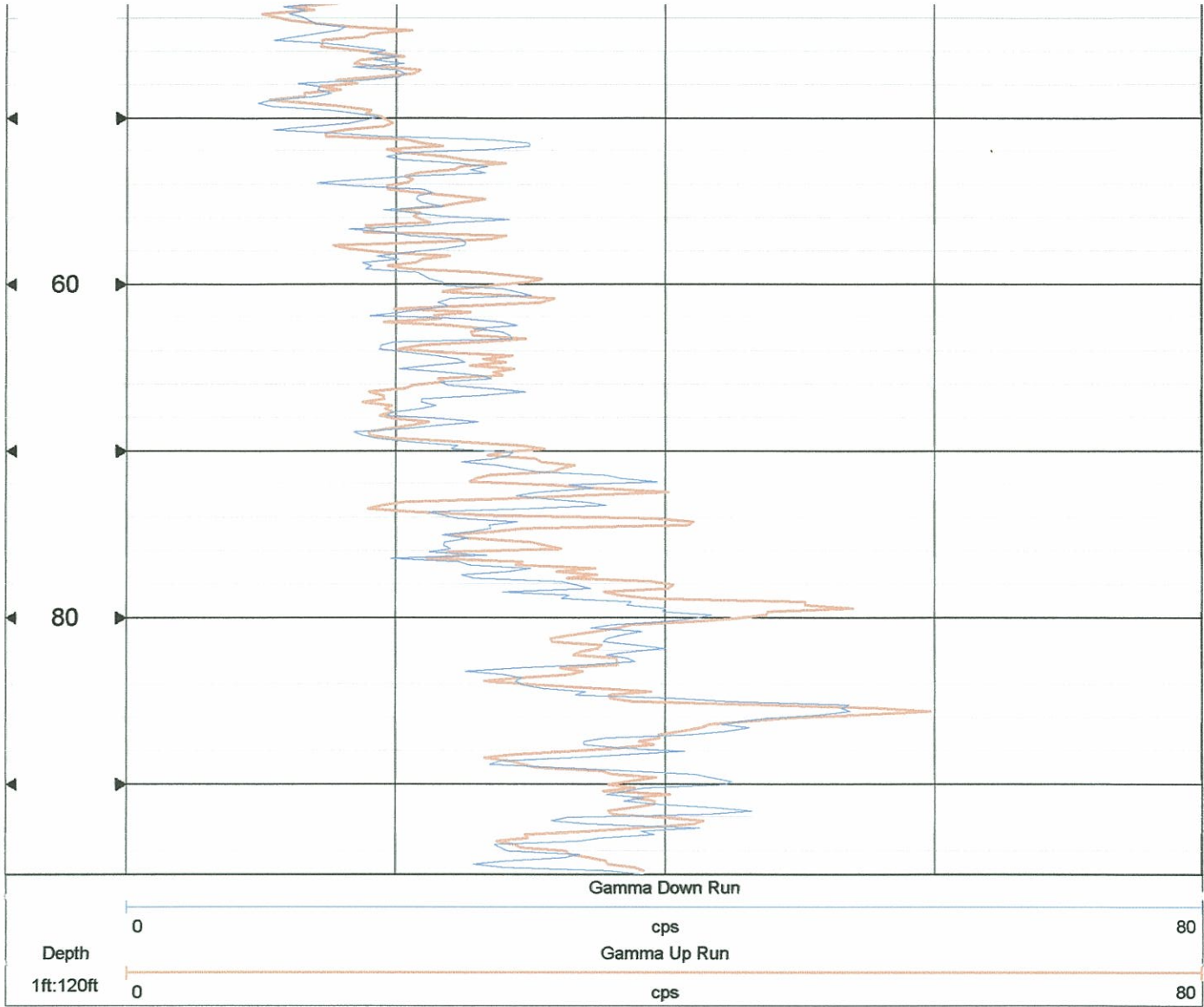
CO **WELL** **FLD** **CTY** **STE** **FILING No**
PERMANENT DATUM

LOG MEAS. FROM BLACKTOP **ABOVE PERM. DATUM** **K.B.**
DRILLING MEAS. FROM **D.F.**
DATE OCTOBER 2, 2008 **TYPE FLUID IN HOLE** G.L.

DATE	OCTOBER 2, 2008	TYPE FLUID IN HOLE	G.L.
RUN No		SALINITY	
TYPE LOG		DENSITY	
DEPTH+DRILLER	100 FEET	LEVEL	
DEPTH+LOGGER	98 FEET	MAX. REC. TEMP.	
BTM LOGGED INTERVAL			
TOP LOGGED INTERVAL			
OPERATING RIG TIME			
RECORDED BY	BENJAMIN RICE		
WITNESSED BY	TOM MELIA, PW GROSSER		

BOREHOLE RECORD		CASING RECORD					
RUN NO.	BIT	FROM	TO	SIZE	WGT.	FROM	TO
				4 INCH	HSA		TOTAL DEPTH





Gamma Down Run

0 cps 80

Gamma Up Run

Depth

1ft:120ft

0 cps 80

APPENDIX C SOIL BORING LOGS



Boring Designation:	SB-2008-01	Logged By:	TM
Site Address:	80 - 100 Banks Ave, Rockville Centre, New York	Project Manager:	KA
Project Name:	Former Darby Drugs Site - Supplemental RI	Project Number:	AVB0801
Drilling Contractor:	Associated Environmental	Driller Name:	John
Drilling Method:	Direct Push	Borehole Diameter:	2.5"
Sampling Method:	Macro-Core	Borehole Depth:	20'
Start Time:		Completion Time:	
Start Date:	9/4/2008	Completion Date:	9/4/2008

Depth (ft)	Advance (ft)	Recovery (ft)	Graphic Log	USCS Code	Soil Color	Moisture Content	Soil Description	Notes
0	5	4.0		NA	NA	NA	Concrete (0-6')	PID - 3.8 ppm
				GM	Brown	Dry	Sand/silt/gravel/brick mix (fill)	
5	5	4.0						PID - 8.7 ppm
				SM	Red/ brown	Dry	Med./fine sand, some silt, trace gravel	
10	5	5.0						PID - 13.3 ppm
				SW	Tan	Wet	Fine sand, some silt	
15	5	5.0						PID - 0.0 ppm
				SP	Red/ brown	Wet	Med./coarse sand, some gravel, little silt	
20				CH	Grey	Wet	Clay	
							E.O.B. - 20' bgs	Soil sample collected from 5-10' interval
25								Groundwater sample collected at 11-15'
30								
35								
40								



Boring Designation:	SB-2008-02	Logged By:	TM
Site Address:	80 - 100 Banks Ave, Rockville Centre, New York	Project Manager:	KA
Project Name:	Former Darby Drugs Site - Supplemental RI	Project Number:	AVB0801
Drilling Contractor:	Associated Environmental	Driller Name:	Tim
Drilling Method:	Direct Push	Borehole Diameter:	2.5"
Sampling Method:	Macro-Core	Borehole Depth:	15'
Start Time:		Completion Time:	
Start Date:	9/3/2008	Completion Date:	9/3/2008

Depth (ft)	Advance (ft)	Recovery (ft)	Graphic Log	USCS Code	Soil Color	Moisture Content	Soil Description	Notes
0	5	3.0		NA	NA	NA	Concrete (0-6')	PID - 2.9 ppm
				GM	Brown	Dry	Sand/silt/gravel mix (fill)	
5	5	4.0		SM	Red/ brown	Dry	Med./fine sand, some silt, trace gravel	PID - 2.4 ppm
10	5	3.0		SW	Tan	Wet	Fine sand, some silt	PID - 0.0 ppm Approx. 2-3" of grey clay at bottom of sample
15							E..O.B - 15' bgs	Soil sample collected from 5-10' interval
20								Groundwater sample collected at 11-14'
25								
30								
35								
40								



Boring Designation:	SB-2008-03	Logged By:	TM
Site Address:	80 - 100 Banks Ave, Rockville Centre, New York	Project Manager:	KA
Project Name:	Former Darby Drugs Site - Supplemental RI	Project Number:	AVB0801
Drilling Contractor:	Associated Environmental	Driller Name:	Tim
Drilling Method:	Direct Push	Borehole Diameter:	2.5"
Sampling Method:	Macro-Core	Borehole Depth:	20'
Start Time:		Completion Time:	
Start Date:	9/3/2008	Completion Date:	9/3/2008

Depth (ft)	Advance (ft)	Recovery (ft)	Graphic Log	USCS Code	Soil Color	Moisture Content	Soil Description	Notes
0	5	3.0		SM	Red/ brown	Dry	Med./fine sand, some silt, trace gravel	PID - 6.2 ppm
5	5	2.0				Moist		PID - 0.0 ppm
10	5	1.0				Wet		
15	5	5.0		CH	Grey	Wet	Clay	PID - 0.0 ppm
20								E.O.B. - 20' bgs
25								Soil sample collected from 10-15' interval
30								Groundwater sample collected at 12-16'
35								
40								



Boring Designation:	SB-2008-04	Logged By:	TM
Site Address:	80 - 100 Banks Ave, Rockville Centre, New York	Project Manager:	KA
Project Name:	Former Darby Drugs Site - Supplemental RI	Project Number:	AVB0801
Drilling Contractor:	Associated Environmental	Driller Name:	Tim
Drilling Method:	Direct Push	Borehole Diameter:	2.5"
Sampling Method:	Macro-Core	Borehole Depth:	15'
Start Time:		Completion Time:	
Start Date:	9/3/2008	Completion Date:	9/3/2008

Depth (ft)	Advance (ft)	Recovery (ft)	Graphic Log	USCS Code	Soil Color	Moisture Content	Soil Description	Notes
0	5	4.0		NA	NA	NA	Concrete (0-6')	PID - 0.0 ppm
				GM	Brown	Dry	Sand/silt/gravel mix (fill)	
5	5	3.0						PID - 0.0 ppm
10	5	4.0						PID - 0.0 ppm
				SP	Brown	Wet	Med./coarse sand, some gravel, little silt	
15				CH	Grey	Wet	Clay	
							E.O.B. - 15' bgs	Soil sample collected from 5-10' interval
20								Groundwater sample collected at 11-15'
25								
30								
35								
40								



Boring Designation:	SB-2008-05	Logged By:	TM
Site Address:	80 - 100 Banks Ave, Rockville Centre, New York	Project Manager:	KA
Project Name:	Former Darby Drugs Site - Supplemental RI	Project Number:	AVB0801
Drilling Contractor:	Associated Environmental	Driller Name:	Tim
Drilling Method:	Direct Push	Borehole Diameter:	2.5"
Sampling Method:	Macro-Core	Borehole Depth:	15'
Start Time:		Completion Time:	
Start Date:	9/3/2008	Completion Date:	9/3/2008

Depth (ft)	Advance (ft)	Recovery (ft)	Graphic Log	USCS Code	Soil Color	Moisture Content	Soil Description	Notes
0	5	0.0		NA	NA	NA	No Recovery	
5	5	1.5		SM	Red/ brown	Moist	Med./fine sand, some silt, trace gravel	PID - 39.9 ppm
10	5	4.0			SW	Tan	Wet	Med./fine sand, little silt
15			CH		Grey	Wet	Clay E.O.B. - 15' bgs	Soil sample collected from 5-10' interval
20								Groundwater sample collected at 11-15'
25								
30								
35								
40								



Boring Designation:	SB-2008-06	Logged By:	TM
Site Address:	80 - 100 Banks Ave, Rockville Centre, New York	Project Manager:	KA
Project Name:	Former Darby Drugs Site - Supplemental RI	Project Number:	AVB0801
Drilling Contractor:	Associated Environmental	Driller Name:	Tim
Drilling Method:	Direct Push	Borehole Diameter:	2.5"
Sampling Method:	Macro-Core	Borehole Depth:	15'
Start Time:		Completion Time:	
Start Date:	9/3/2008	Completion Date:	9/3/2008

Depth (ft)	Advance (ft)	Recovery (ft)	Graphic Log	USCS Code	Soil Color	Moisture Content	Soil Description	Notes
0	5	4.0		NA	NA	NA	Concrete (0-6')	PID - 0.0 ppm
				GM	Brown	Dry	Sand/silt/gravel mix (fill)	
5	5	5.0						PID - 0.0 ppm
				SM	Red/ brown	Moist	Med./fine sand, some silt, trace gravel	
10	5	4.0						PID - 0.0 ppm
				SW	Tan	Wet	Fine sand, some silt	
				CH	Grey	Wet	Clay	
15							E.O.B. - 15' bgs	Soil sample collected from 5-10' interval
20							Groundwater sample collected at 11-15'	
25								
30								
35								
40								



Boring Designation:	SB-2008-07	Logged By:	TM
Site Address:	80 - 100 Banks Ave, Rockville Centre, New York	Project Manager:	KA
Project Name:	Former Darby Drugs Site - Supplemental RI	Project Number:	AVB0801
Drilling Contractor:	Associated Environmental	Driller Name:	John
Drilling Method:	Direct Push	Borehole Diameter:	2.5"
Sampling Method:	Macro-Core	Borehole Depth:	20'
Start Time:		Completion Time:	
Start Date:	9/4/2008	Completion Date:	9/4/2008

Depth (ft)	Advance (ft)	Recovery (ft)	Graphic Log	USCS Code	Soil Color	Moisture Content	Soil Description	Notes
0	5	4.0		NA	NA	NA	Concrete (0-6')	PID - 17.1 ppm
				GM	Brown	Dry	Sand/silt/gravel mix (fill)	
5	5	4.0						PID - 3.3 ppm
				SM	Red/ brown	Dry	Med./fine sand, some silt, trace gravel	
10	5	4.0		SM	Red/ brown	Moist	Med./coarse sand, some silt and gravel	PID - 13.3 ppm
				SW	Tan	Moist	Fine sand, some silt	
15	5	5.0	CH	Tan/ grey	Wet	Clay	PID - 0.0 ppm	
20						E.O.B. - 20' bgs		
							Soil sample collected from 5-10' interval	
25							Groundwater sample collected at 11-15'	
30								
35								
40								



Boring Designation:	SB-2008-08	Logged By:	TM
Site Address:	80 - 100 Banks Ave, Rockville Centre, New York	Project Manager:	KA
Project Name:	Former Darby Drugs Site - Supplemental RI	Project Number:	AVB0801
Drilling Contractor:	Associated Environmental	Driller Name:	Tim
Drilling Method:	Direct Push	Borehole Diameter:	2.5"
Sampling Method:	Macro-Core	Borehole Depth:	15'
Start Time:		Completion Time:	
Start Date:	9/3/2008	Completion Date:	9/3/2008

Depth (ft)	Advance (ft)	Recovery (ft)	Graphic Log	USCS Code	Soil Color	Moisture Content	Soil Description	Notes	
0	5	3.0		SM	Red/ brown	Dry	Med./fine sand, some silt, trace gravel	PID - 0.0 ppm	
5	5	4.0				Moist			PID - 0.0 ppm
				SW	Tan	Moist	Med./fine sand, some silt		
10	5	5.0				Wet			PID - 0.0 ppm
				CH	Tan/ Grey	Wet	Clay E.O.B. - 15' bgs		
15									Soil sample collected from 5-10' interval
20									Groundwater sample collected at 12-14'
25									
30									
35									
40									



Boring Designation:	SB-2008-09	Logged By:	TM
Site Address:	80 - 100 Banks Ave, Rockville Centre, New York	Project Manager:	KA
Project Name:	Former Darby Drugs Site - Supplemental RI	Project Number:	AVB0801
Drilling Contractor:	Associated Environmental	Driller Name:	John
Drilling Method:	Direct Push	Borehole Diameter:	2.5"
Sampling Method:	Macro-Core	Borehole Depth:	20'
Start Time:		Completion Time:	
Start Date:	9/5/2008	Completion Date:	9/5/2008

Depth (ft)	Advance (ft)	Recovery (ft)	Graphic Log	USCS Code	Soil Color	Moisture Content	Soil Description	Notes
0	5	3.0		NA	NA	NA	Concrete (0-6')	PID - 3.5 ppm
				GM	Brown	Dry	Sand/silt/gravel mix (fill)	
5	5	4.0		SM	Red/ brown	Dry	Med./fine sand, some silt, little gravel	PID - 7.0 ppm
				SW	Tan	Wet	Fine sand, some silt	
10	5	4.0						PID - 0.2 ppm
15	5	3.0						PID - 0.0 ppm
20				CH	Grey	Wet	Clay E.O.B. - 20' bgs	
								Soil samples collected from 5-10' & 15-20' intervals
25								
30								
35								
40								



Boring Designation:	SB-2008-10	Logged By:	TM
Site Address:	80 - 100 Banks Ave, Rockville Centre, New York	Project Manager:	KA
Project Name:	Former Darby Drugs Site - Supplemental RI	Project Number:	AVB0801
Drilling Contractor:	Associated Environmental	Driller Name:	John
Drilling Method:	Direct Push	Borehole Diameter:	2.5"
Sampling Method:	Macro-Core	Borehole Depth:	20'
Start Time:		Completion Time:	
Start Date:	9/5/2008	Completion Date:	9/5/2008

Depth (ft)	Advance (ft)	Recovery (ft)	Graphic Log	USCS Code	Soil Color	Moisture Content	Soil Description	Notes
0	5	3.0		GM	Brown	Dry	Sand/silt/gravel mix (fill)	PID - 11.1 ppm
5	5	4.0		SM	Red/brown	Dry	Med./fine sand, some silt, trace gravel	PID - 19.1 ppm
				SW	Tan	Wet	Fine sand, some silt	
10	5	4.0		SP	Red/Brown	Wet	Coarse sand & gravel, little silt	PID - 16.8 ppm
				CH	Grey	Wet	Clay	
15	5						E.O.B. - 15' bgs	Soil samples collected from 5-10' & 10-15' intervals
20								
25								
30								
35								
40								



Boring Designation:	SB-2008-11	Logged By:	TM
Site Address:	80 - 100 Banks Ave, Rockville Centre, New York	Project Manager:	KA
Project Name:	Former Darby Drugs Site - Supplemental RI	Project Number:	AVB0801
Drilling Contractor:	Associated Environmental	Driller Name:	John
Drilling Method:	Direct Push	Borehole Diameter:	2.5"
Sampling Method:	Macro-Core	Borehole Depth:	20'
Start Time:		Completion Time:	
Start Date:	9/5/2008	Completion Date:	9/5/2008

Depth (ft)	Advance (ft)	Recovery (ft)	Graphic Log	USCS Code	Soil Color	Moisture Content	Soil Description	Notes
0	5	4.0		NA	NA	NA	Concrete (0-6')	PID - 0.4 ppm
				GM	Brown	Dry	Sand/silt/gravel mix (fill)	
5	5	4.0		SM	Red/ brown	Moist	Med./fine sand, some silt, little gravel	PID - 0.0 ppm
10	5	4.0						PID - 0.0 ppm
				SW	Tan	Wet	Fine sand, some silt	
15	5	2.0						PID - 0.0 ppm
				CH	Grey	Wet	Clay	
20							E.O.B. - 20' bgs	Soil samples collected from 5-10' & 15-20' intervals
25								
30								
35								
40								



Boring Designation:	SB-2008-12	Logged By:	TM
Site Address:	80 - 100 Banks Ave, Rockville Centre, New York	Project Manager:	KA
Project Name:	Former Darby Drugs Site - Supplemental RI	Project Number:	AVB0801
Drilling Contractor:	Associated Environmental	Driller Name:	John
Drilling Method:	Direct Push	Borehole Diameter:	2.5"
Sampling Method:	Macro-Core	Borehole Depth:	20'
Start Time:		Completion Time:	
Start Date:	9/5/2008	Completion Date:	9/5/2008

Depth (ft)	Advance (ft)	Recovery (ft)	Graphic Log	USCS Code	Soil Color	Moisture Content	Soil Description	Notes
0	5	3.0		NA	NA	NA	Concrete (0-6')	PID - 0.0 ppm
				GM	Brown	Dry	Sand/silt/gravel mix (fill)	
5	5	4.0		SM	Red/ brown	Moist	Med./fine sand, some silt, little gravel	PID - 0.0 ppm
				SW	Tan	Wet	Fine sand, some silt	
10	5	5.0						PID - 0.0 ppm
15	5	4.0		CH	Grey	Wet	Clay	PID - 0.0 ppm
20							E.O.B. - 20' bgs	Soil samples collected from 5-10' & 10-15' intervals
25								
30								
35								
40								



Boring Designation:	SB-2008-13	Logged By:	TM
Site Address:	80 - 100 Banks Ave, Rockville Centre, New York	Project Manager:	KA
Project Name:	Former Darby Drugs Site - Supplemental RI	Project Number:	AVB0801
Drilling Contractor:	Associated Environmental	Driller Name:	John
Drilling Method:	Direct Push	Borehole Diameter:	2.5"
Sampling Method:	Macro-Core	Borehole Depth:	20'
Start Time:		Completion Time:	
Start Date:	9/4/2008	Completion Date:	9/4/2008

Depth (ft)	Advance (ft)	Recovery (ft)	Graphic Log	USCS Code	Soil Color	Moisture Content	Soil Description	Notes
0	5	3.0		GM	Brown	Dry	Sand/silt/gravel mix (fill)	PID - 0.0 ppm
5	5	4.0				Moist		PID - 0.0 ppm
10	5	3.0		SW	Tan	Wet	Fine sand, some silt	PID - 13.3 ppm
15				CH	Grey	Wet	Clay E.O.B. - 15' bgs	Soil samples collected from 5-10' & 10-15' intervals
20								Groundwater sample collected at 9-13'
25								
30								
35								
40								

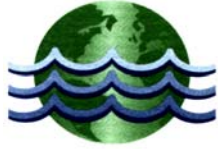


Boring Designation:	SB-2008-14	Logged By:	TM
Site Address:	80 - 100 Banks Ave, Rockville Centre, New York	Project Manager:	KA
Project Name:	Former Darby Drugs Site - Supplemental RI	Project Number:	AVB0801
Drilling Contractor:	Associated Environmental	Driller Name:	John
Drilling Method:	Direct Push	Borehole Diameter:	2.5"
Sampling Method:	Macro-Core	Borehole Depth:	20'
Start Time:		Completion Time:	
Start Date:	9/4/2008	Completion Date:	9/4/2008

Depth (ft)	Advance (ft)	Recovery (ft)	Graphic Log	USCS Code	Soil Color	Moisture Content	Soil Description	Notes
0	5	3.0		GM	Brown	Dry	Sand/silt/gravel mix (fill)	PID - 0.0 ppm
5	5	2.0		SM	Red/brown	Dry	Med./fine sand, some silt, trace gravel	PID - 0.0 ppm
10	5	3.0						PID - 0.0 ppm
15				SP	Brown	Moist	Coarse sand & gravel, some silt	
				CH	Grey	Wet	Clay	
15							E.O.B. - 15' bgs	Soil samples collected from 5-10' & 10-15' intervals
20								Groundwater sample collected at 9-13'
25								
30								
35								
40								

USCS Code	Pattern	Pattern Name
CH		Reverse Diagonal Stripe
CL		Thin Reverse Diagonal Stripe
GC		Diagonal Stripe
GM		Vertical Stripe
GP		12.5% Grey
GW		6.25% Grey
MH		Horizontal Stripe
ML		Diagonal Crosshatch
OH		75% Grey
OL		Thin Horizontal Crosshatch
PT		Thick Diagonal Crosshatch
SC		Thin Diagonal Stripe
SM		Thin Vertical Stripe
SP		50% Grey
SW		25% Grey

APPENDIX D WELL SAMPLING LOGS



P.W. GROSSER CONSULTING, INC.

WELL SAMPLING LOG

CLIENT/PROJECT No. AVB0801

WELL Number MW-1

SAMPLED BY JLL WELL USE Groundwater Monitoring

DATE SAMPLED 10/3/2008 TIME SAMPLED 1220

STATIC WATER ELEVATION 8.52 ft FT. BELOW MEASURING POINT TOC

WELL DIAMETER 2 In Product Elevation N/A ft.

TOTAL WELL DEPTH 18.06 ft FT. BELOW MEASURING POINT TOC

SAMPLING INFORMATION

PURGE METHOD Whale Pump SAMPLE METHOD Bailer

PURGE RATE 0.44 GPM PURGE TIME 4 Min

CASING VOLUMES REMOVED 1 GALLONS 1.75

SAMPLE APPEARANCE very turbid ODORS OBSERVED none

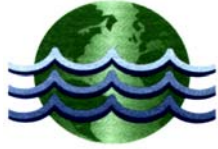
LABORATORY Alpha Analytical DATE SHIPPED 10/6/2008

ANALYSIS TCL VOCs, TCL SVOCs, TAL Metals, Pesticides, PCBs

NOTES Well ran dry

SAMPLING PARAMETERS

	Initial	1	2	3	4	5	6	Units
Conductivity	280	290						uS
Temperature	18.9	19.3						°C
pH	8.00	7.80						



P.W. GROSSER CONSULTING, INC.

WELL SAMPLING LOG

CLIENT/PROJECT No. AVB0801

WELL Number MW-2

SAMPLED BY JLL WELL USE Groundwater Monitoring

DATE SAMPLED 10/3/2008 TIME SAMPLED 1025

STATIC WATER ELEVATION 6.57 ft FT. BELOW MEASURING POINT TOC

WELL DIAMETER 2 In Product Elevation N/A ft.

TOTAL WELL DEPTH 18.04 ft FT. BELOW MEASURING POINT TOC

SAMPLING INFORMATION

PURGE METHOD Whale Pump SAMPLE METHOD Bailer

PURGE RATE 1.44 GPM PURGE TIME 4 Min

CASING VOLUMES REMOVED 3 GALLONS 5.75

SAMPLE APPEARANCE turbid ODORS OBSERVED none

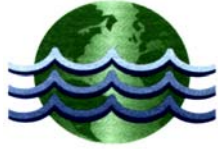
LABORATORY Alpha Analytical DATE SHIPPED 10/6/2008

ANALYSIS TCL VOCs, TCL SVOCs, TAL Metals, Pesticides, PCBs

NOTES _____

SAMPLING PARAMETERS

	Initial	1	2	3	4	5	6	Units
Conductivity	100	70	40	80				uS
Temperature	19.3	19.2	18.9	18.8				°C
pH	8.60	8.40	8.20	8.00				



P.W. GROSSER CONSULTING, INC.

WELL SAMPLING LOG

CLIENT/PROJECT No. AVB0801

WELL Number MW-4

SAMPLED BY JLL WELL USE Groundwater Monitoring

DATE SAMPLED 10/3/2008 TIME SAMPLED 1440

STATIC WATER ELEVATION 7.08 ft FT. BELOW MEASURING POINT TOC

WELL DIAMETER 2 In Product Elevation N/A ft.

TOTAL WELL DEPTH 19.39 ft FT. BELOW MEASURING POINT TOC

SAMPLING INFORMATION

PURGE METHOD Whale Pump SAMPLE METHOD Bailer

PURGE RATE 0.42 GPM PURGE TIME 6 Min

CASING VOLUMES REMOVED 1 GALLONS 2.5

SAMPLE APPEARANCE slightly turbid ODORS OBSERVED none

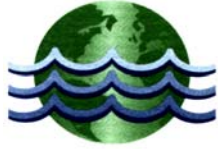
LABORATORY Alpha Analytical DATE SHIPPED 10/6/2008

ANALYSIS TCL VOCs, TCL SVOCs, TAL Metals, Pesticides, PCBs

NOTES Well ran dry

SAMPLING PARAMETERS

	Initial	1	2	3	4	5	6	Units
Conductivity	290	270						uS
Temperature	20.2	18.6						°C
pH	8.00	7.40						



P.W. GROSSER CONSULTING, INC.

WELL SAMPLING LOG

CLIENT/PROJECT No. AVB0801

WELL Number MW-5

SAMPLED BY JLL WELL USE Groundwater Monitoring

DATE SAMPLED 10/6/2008 TIME SAMPLED 930

STATIC WATER ELEVATION 6.39 ft FT. BELOW MEASURING POINT TOC

WELL DIAMETER 2 In Product Elevation N/A ft.

TOTAL WELL DEPTH 19.89 ft FT. BELOW MEASURING POINT TOC

SAMPLING INFORMATION

PURGE METHOD Whale Pump SAMPLE METHOD Bailer

PURGE RATE 0.50 GPM PURGE TIME 4 Min

CASING VOLUMES REMOVED 1 GALLONS 2

SAMPLE APPEARANCE turbid ODORS OBSERVED none

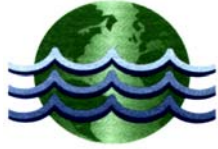
LABORATORY Alpha Analytical DATE SHIPPED 10/6/2008

ANALYSIS TCL VOCs, TCL SVOCs, TAL Metals, Pesticides, PCBs

NOTES Well ran dry

SAMPLING PARAMETERS

	Initial	1	2	3	4	5	6	Units
Conductivity	330	230						uS
Temperature	15.8	16.6						°C
pH	7.80	7.40						



P.W. GROSSER CONSULTING, INC.

WELL SAMPLING LOG

CLIENT/PROJECT No. AVB0801

WELL Number MW-6

SAMPLED BY JLL WELL USE Groundwater Monitoring

DATE SAMPLED 10/6/2008 TIME SAMPLED 1050

STATIC WATER ELEVATION 5.51 ft FT. BELOW MEASURING POINT TOC

WELL DIAMETER 2 In Product Elevation N/A ft.

TOTAL WELL DEPTH 19.40 ft FT. BELOW MEASURING POINT TOC

SAMPLING INFORMATION

PURGE METHOD Whale Pump SAMPLE METHOD Bailer

PURGE RATE 0.42 GPM PURGE TIME 6 Min

CASING VOLUMES REMOVED 1 GALLONS 2.5

SAMPLE APPEARANCE turbid ODORS OBSERVED none

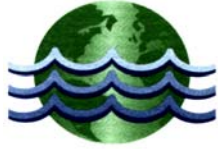
LABORATORY Alpha Analytical DATE SHIPPED 10/6/2008

ANALYSIS TCL VOCs, TCL SVOCs, TAL Metals, Pesticides, PCBs

NOTES Well ran dry

SAMPLING PARAMETERS

	Initial	1	2	3	4	5	6	Units
Conductivity	180	130						uS
Temperature	16.2	17.3						°C
pH	7.40	7.10						



P.W. GROSSER CONSULTING, INC.

WELL SAMPLING LOG

CLIENT/PROJECT No. AVB0801

WELL Number DiffW-01

SAMPLED BY JLL WELL USE Suspected Diffusion Well

DATE SAMPLED 10/6/2008 TIME SAMPLED 1145

STATIC WATER ELEVATION 6.78 ft FT. BELOW MEASURING POINT TOC

WELL DIAMETER 4 In Product Elevation N/A ft.

TOTAL WELL DEPTH 19.82 ft FT. BELOW MEASURING POINT TOC

SAMPLING INFORMATION

PURGE METHOD Whale Pump SAMPLE METHOD Bailer

PURGE RATE 1.08 GPM PURGE TIME 24 Min

CASING VOLUMES REMOVED 3 GALLONS 26

SAMPLE APPEARANCE slightly turbid ODORS OBSERVED none

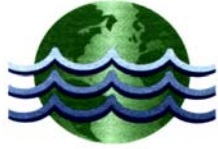
LABORATORY Alpha Analytical DATE SHIPPED 10/6/2008

ANALYSIS TCL VOCs, TCL SVOCs, TAL Metals, Pesticides, PCBs

NOTES _____

SAMPLING PARAMETERS

	Initial	1	2	3	4	5	6	Units
Conductivity	120	120	130	330				uS
Temperature	16.5	16.4	15.2	14.2				°C
pH	7.60	7.60	7.60	7.40				



P.W. GROSSER CONSULTING, INC.

WELL SAMPLING LOG

CLIENT/PROJECT No. AVB0801

WELL Number DiffW-02

SAMPLED BY JLL WELL USE Suspected Diffusion Well

DATE SAMPLED 10/6/2008 TIME SAMPLED 1305

STATIC WATER ELEVATION 5.73 ft FT. BELOW MEASURING POINT TOC

WELL DIAMETER 4 In Product Elevation N/A ft.

TOTAL WELL DEPTH 25.40 ft FT. BELOW MEASURING POINT TOC

SAMPLING INFORMATION

PURGE METHOD Whale Pump SAMPLE METHOD Bailer

PURGE RATE 0.38 GPM PURGE TIME 24 Min

CASING VOLUMES REMOVED 1 GALLONS 9

SAMPLE APPEARANCE clear ODORS OBSERVED none

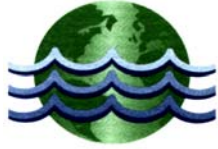
LABORATORY Alpha Analytical DATE SHIPPED 10/6/2008

ANALYSIS TCL VOCs, TCL SVOCs, TAL Metals, Pesticides, PCBs

NOTES Well ran dry. Temperature / Conductivity meter malfunctioned.

SAMPLING PARAMETERS

	Initial	1	2	3	4	5	6	Units
Conductivity								uS
Temperature								°C
pH	7.90	8.20						



P.W. GROSSER CONSULTING, INC.

WELL SAMPLING LOG

CLIENT/PROJECT No. AVB0801

WELL Number DiffW-03

SAMPLED BY JLL WELL USE Suspected Diffusion Well

DATE SAMPLED 10/6/2008 TIME SAMPLED 1320

STATIC WATER ELEVATION 6.34 ft FT. BELOW MEASURING POINT TOC

WELL DIAMETER 1 In Product Elevation N/A ft.

TOTAL WELL DEPTH 25.11 ft FT. BELOW MEASURING POINT TOC

SAMPLING INFORMATION

PURGE METHOD Whale Pump SAMPLE METHOD Bailer

PURGE RATE 0.14 GPM PURGE TIME 7 Min

CASING VOLUMES REMOVED 1 GALLONS 1

SAMPLE APPEARANCE slightly turbid ODORS OBSERVED none

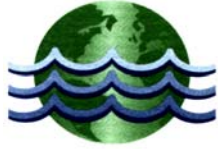
LABORATORY Alpha Analytical DATE SHIPPED 10/6/2008

ANALYSIS TCL VOCs, TCL SVOCs, TAL Metals, Pesticides, PCBs

NOTES Well ran dry. Temperature / Conductivity meter malfunctioned.

SAMPLING PARAMETERS

	Initial	1	2	3	4	5	6	Units
Conductivity								uS
Temperature								°C
pH	8.70	8.70						



P.W. GROSSER CONSULTING, INC.

WELL SAMPLING LOG

CLIENT/PROJECT No. AVB0801

WELL Number DiffW-04

SAMPLED BY JLL WELL USE Suspected Diffusion Well

DATE SAMPLED 10/8/2008 TIME SAMPLED 1245

STATIC WATER ELEVATION 7.40 ft FT. BELOW MEASURING POINT TOC

WELL DIAMETER 4 In Product Elevation N/A ft.

TOTAL WELL DEPTH 47.00 ft FT. BELOW MEASURING POINT TOC

SAMPLING INFORMATION

PURGE METHOD Whale pump SAMPLE METHOD Bailer

PURGE RATE 0.83 GPM PURGE TIME 96 Min

CASING VOLUMES REMOVED 3 GALLONS 80

SAMPLE APPEARANCE clear ODORS OBSERVED None

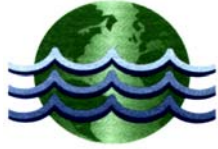
LABORATORY Alpha Analytical DATE SHIPPED 10/8/2008

ANALYSIS TCL VOCs, TCL SVOCs, TAL Metals, Pesticides, PCBs

NOTES _____

SAMPLING PARAMETERS

	Initial	1	2	3	4	5	6	Units
Conductivity	102.3	99.6	102.5	102.4				uS
Temperature	17.2	17.0	16.5	16.3				°C
pH	7.03	6.80	6.62	6.62				



P.W. GROSSER CONSULTING, INC.

WELL SAMPLING LOG

CLIENT/PROJECT No. AVB0801

WELL Number SW-01

SAMPLED BY JLL WELL USE Suspected Supply Well

DATE SAMPLED 10/7/2008 TIME SAMPLED 1510

STATIC WATER ELEVATION 3.80 ft FT. BELOW MEASURING POINT TOC

WELL DIAMETER 8 In Product Elevation N/A ft.

TOTAL WELL DEPTH 43.30 ft FT. BELOW MEASURING POINT TOC

SAMPLING INFORMATION

PURGE METHOD Grunfos SAMPLE METHOD Bailer

PURGE RATE 0.71 GPM PURGE TIME 197 Min

CASING VOLUMES REMOVED 3 GALLONS 140

SAMPLE APPEARANCE clear ODORS OBSERVED None

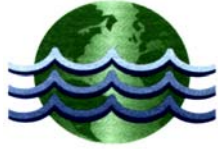
LABORATORY Alpha Analytical DATE SHIPPED 10/8/2008

ANALYSIS TCL VOCs, TCL SVOCs, TAL Metals, Pesticides, PCBs

NOTES Temperature / Conductivity meter malfunctioned

SAMPLING PARAMETERS

	Initial	1	2	3	4	5	6	Units
Conductivity								uS
Temperature								°C
pH	7.40	7.60	7.10	7..3				



P.W. GROSSER CONSULTING, INC.

WELL SAMPLING LOG

CLIENT/PROJECT No. AVB0801

WELL Number SW-02

SAMPLED BY JLL WELL USE Suspected Supply Well

DATE SAMPLED 10/8/2008 TIME SAMPLED 1305

STATIC WATER ELEVATION 4.20 ft FT. BELOW MEASURING POINT TOC

WELL DIAMETER 8 In Product Elevation N/A ft.

TOTAL WELL DEPTH 40.04 ft FT. BELOW MEASURING POINT TOC

SAMPLING INFORMATION

PURGE METHOD Grunfos SAMPLE METHOD Bailer

PURGE RATE 1.53 GPM PURGE TIME 101 Min

CASING VOLUMES REMOVED 3 GALLONS 155

SAMPLE APPEARANCE clear ODORS OBSERVED None

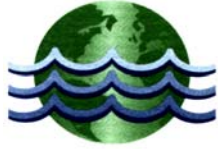
LABORATORY Alpha Analytical DATE SHIPPED 10/8/2008

ANALYSIS TCL VOCs, TCL SVOCs, TAL Metals, Pesticides, PCBs

NOTES _____

SAMPLING PARAMETERS

	Initial	1	2	3	4	5	6	Units
Conductivity	105.9	68	99.1	97.6				uS
Temperature	16.5	16.9	17.5	17.0				°C
pH	7.83	7.03	6.96	6.77				



P.W. GROSSER CONSULTING, INC.

WELL SAMPLING LOG

CLIENT/PROJECT No. AVB0801

WELL Number SW-03

SAMPLED BY JLL WELL USE Suspected Supply Well

DATE SAMPLED 10/8/2008 TIME SAMPLED 1410

STATIC WATER ELEVATION 3.74 ft FT. BELOW MEASURING POINT TOC

WELL DIAMETER 8 In Product Elevation N/A ft.

TOTAL WELL DEPTH 41.64 ft FT. BELOW MEASURING POINT TOC

SAMPLING INFORMATION

PURGE METHOD Grunfos SAMPLE METHOD Bailer

PURGE RATE 1.43 GPM PURGE TIME 115 Min

CASING VOLUMES REMOVED 3 GALLONS 165

SAMPLE APPEARANCE clear ODORS OBSERVED None

LABORATORY Alpha Analytical DATE SHIPPED 10/8/2008

ANALYSIS TCL VOCs, TCL SVOCs, TAL Metals, Pesticides, PCBs

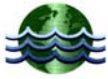
NOTES _____

SAMPLING PARAMETERS

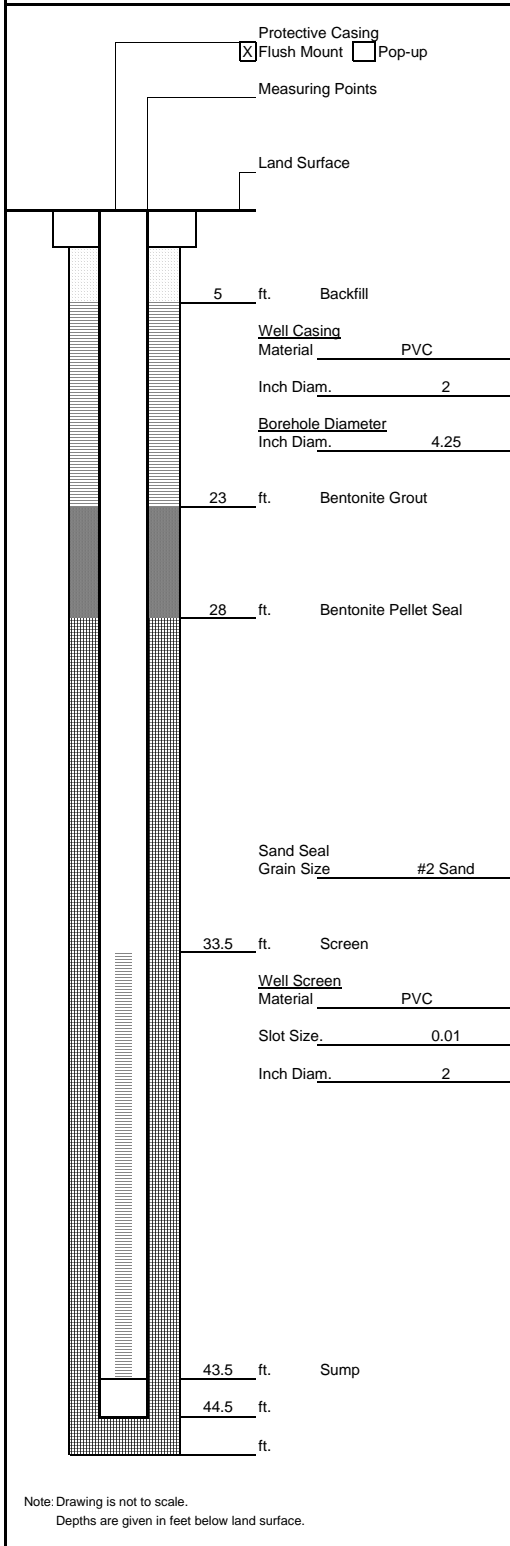
	Initial	1	2	3	4	5	6	Units
Conductivity	95.8	113.5	120.2	94.5				uS
Temperature	16.6	18.5	18.3	18.7				°C
pH	6.79	6.69	6.70	6.73				

APPENDIX E

WELL CONSTRUCTION LOGS

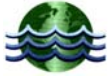


Monitoring Well Construction Log

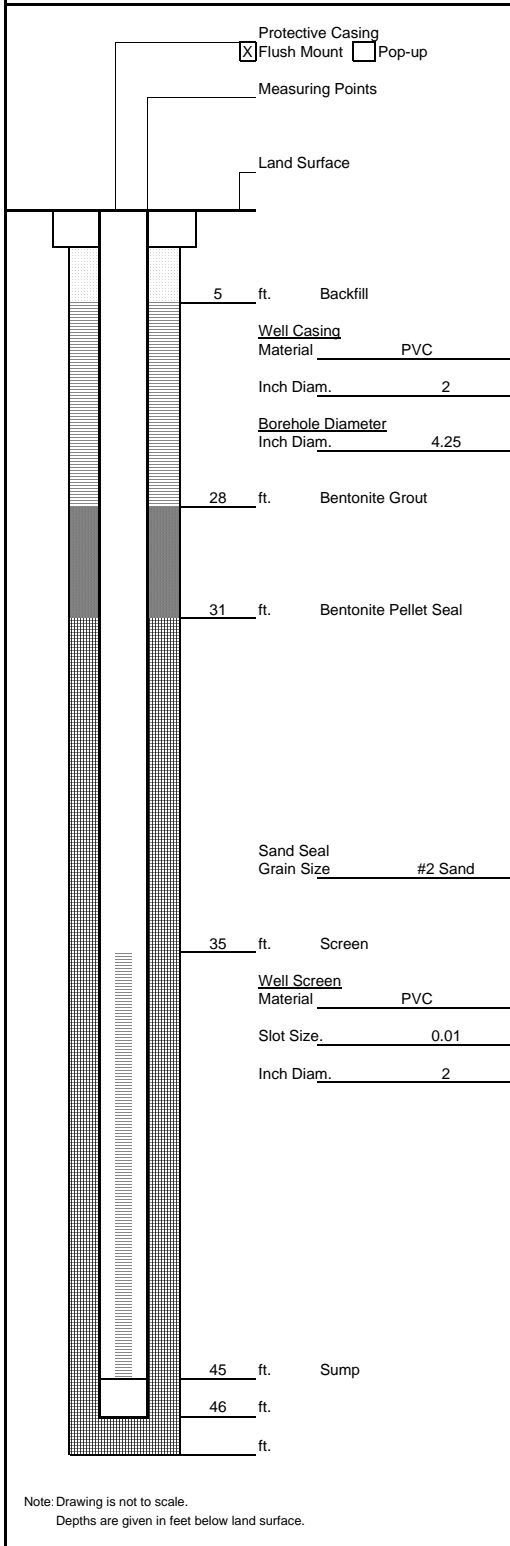


Well No.	MW-8
Project	AVB0801
Surveyor	
Measuring Point Elevation	
Installation Date	8/6/2009
Drilling Contractor	Longshore Environmental
Drilling Method	Hollow Stem Auger 4.25' ID
Drilling Fluid	Water
Development Technique (s) and Date (s)	Overpurge (8-11-09)
Fluid Loss During Drilling	0 Gallons
Water Removed During Development	20 Gallons
Static Depth to Water/Product	N/A
Pumping Depth to Water	N/A
Pumping Duration	1.16 hours
Well Purpose	Monitoring
Hydrogeologist	Brian Barth
Company Name	P.W. Grosser Consulting Inc.
Notes	

Note: Drawing is not to scale.
Depths are given in feet below land surface.



Monitoring Well Construction Log



Well No.	MW-9
Project	AVB0801
Surveyor	
Measuring Point Elevation	
Installation Date	8/7/2009
Drilling Contractor	Longshore Environmental
Drilling Method	Hollow Stem Auger 4.25' ID
Drilling Fluid	Water
Development Technique (s) and Date (s)	Overpurge (8-11-09)
Fluid Loss During Drilling	_____ Gallons
Water Removed During Development	15 _____ Gallons
Static Depth to Water/Product	N/A
Pumping Depth to Water	N/A
Pumping Duration	1.25 hours
Well Purpose	Monitoring
Hydrogeologist	Brian Barth
Company Name	P.W. Grosser Consulting Inc.
Notes	_____ _____ _____ _____ _____ _____ _____

APPENDIX F

LABORATORY ANALYTICAL REPORTS

ALPHA ANALYTICAL

Eight Walkup Drive
Westborough, Massachusetts 01581-1019
(508) 898-9220 www.alphalab.com

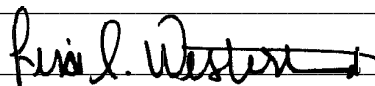
MA:M-MA086 NH:2003 CT:PH-0574 ME:MA0086 RI:LAO00065 NY:11148 NJ:MA935 Army:USACE

CERTIFICATE OF ANALYSIS

Client: P.W. Grosser Laboratory Job Number: L0812845
Address: 630 Johnson Avenue Date Received: 29-AUG-2008
Suite 7 Date Reported: 05-SEP-2008
Bohemia, NY 11716 Delivery Method: Alpha
Attn: Mr. Kris Almskog Site:
Project Number: AVB0801

ALPHA SAMPLE NUMBER	CLIENT IDENTIFICATION	SAMPLE LOCATION
L0812845-01	PWG-VP-2008-04 (16-20')	80-100 BANKS AVE., ROCKVILLE C
L0812845-02	PWG-VP-2008-04 (36-40')	80-100 BANKS AVE., ROCKVILLE C
L0812845-03	PWG-VP-2008-04 (56-60')	80-100 BANKS AVE., ROCKVILLE C
L0812845-04	PWG-VP-2008-04 (76-80')	80-100 BANKS AVE., ROCKVILLE C
L0812845-05	PWG-VP-2008-04 (96-100')	80-100 BANKS AVE., ROCKVILLE C
L0812845-06	PWG-VP-2008-03 (16-20')	80-100 BANKS AVE., ROCKVILLE C
L0812845-07	PWG-VP-2008-03 (36-40')	80-100 BANKS AVE., ROCKVILLE C
L0812845-08	PWG-VP-2008-03 (56-60')	80-100 BANKS AVE., ROCKVILLE C
L0812845-09	TB-01	80-100 BANKS AVE., ROCKVILLE C
L0812845-10	FB-01	80-100 BANKS AVE., ROCKVILLE C
L0812845-11	PWG-VP-2008-03 (76-80')	80-100 BANKS AVE., ROCKVILLE C

I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized by: 
Technical Representative

ALPHA ANALYTICAL
NARRATIVE REPORT

Laboratory Job Number: L0812845

The samples were received in accordance with the chain of custody and no significant deviations were encountered during preparation or analysis unless otherwise noted below.

Volatile Organics

L0812845-08 required re-analysis on a 4x dilution in order to quantitate the sample within the calibration range. The result is reported as a "greater than" value for the compound that exceeded the calibration on the initial analysis. The re-analysis was performed only for the compound which exceeded the calibration range.

L0812845-08, -11: The concentrations of Isopropylbenzene should be considered estimated because the %D for this analyte was outside method acceptance criteria in the associated CCAL (34%).

ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS

MA:M-MA086 NH:2003 CT:PH-0574 ME:MA0086 RI:LAO00065 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number:	L0812845-01	Date Collected:	26-AUG-2008 10:45
	PWG-VP-2008-04 (16-20')	Date Received :	29-AUG-2008
Sample Matrix:	WATER	Date Reported :	05-SEP-2008
Condition of Sample:	Satisfactory	Field Prep:	None
Number & Type of Containers:	2-Vial		

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP ANAL	ID
Volatile Organics by EPA 8260B				1 8260B	0904 17:33 PD	
Methylene chloride	ND	ug/l	5.0			
1,1-Dichloroethane	ND	ug/l	0.75			
Chloroform	ND	ug/l	0.75			
Carbon tetrachloride	ND	ug/l	0.50			
1,2-Dichloropropane	ND	ug/l	1.8			
Dibromochloromethane	ND	ug/l	0.50			
1,1,2-Trichloroethane	ND	ug/l	0.75			
Tetrachloroethene	ND	ug/l	0.50			
Chlorobenzene	ND	ug/l	0.50			
Trichlorofluoromethane	ND	ug/l	2.5			
1,2-Dichloroethane	ND	ug/l	0.50			
1,1,1-Trichloroethane	ND	ug/l	0.50			
Bromodichloromethane	ND	ug/l	0.50			
trans-1,3-Dichloropropene	ND	ug/l	0.50			
cis-1,3-Dichloropropene	ND	ug/l	0.50			
1,1-Dichloropropene	ND	ug/l	2.5			
Bromoform	ND	ug/l	2.0			
1,1,2,2-Tetrachloroethane	ND	ug/l	0.50			
Benzene	ND	ug/l	0.50			
Toluene	ND	ug/l	0.75			
Ethylbenzene	ND	ug/l	0.50			
Chloromethane	ND	ug/l	2.5			
Bromomethane	ND	ug/l	1.0			
Vinyl chloride	ND	ug/l	1.0			
Chloroethane	ND	ug/l	1.0			
1,1-Dichloroethene	ND	ug/l	0.50			
trans-1,2-Dichloroethene	ND	ug/l	0.75			
Trichloroethene	ND	ug/l	0.50			
1,2-Dichlorobenzene	ND	ug/l	2.5			
1,3-Dichlorobenzene	ND	ug/l	2.5			
1,4-Dichlorobenzene	ND	ug/l	2.5			
Methyl tert butyl ether	ND	ug/l	1.0			
p/m-Xylene	ND	ug/l	1.0			
o-Xylene	ND	ug/l	1.0			
cis-1,2-Dichloroethene	ND	ug/l	0.50			
Dibromomethane	ND	ug/l	5.0			
1,2,3-Trichloropropane	ND	ug/l	5.0			
Acrylonitrile	ND	ug/l	5.0			

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0812845-01
PWG-VP-2008-04 (16-20')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0904 17:33 PD	
Styrene	ND	ug/l	1.0				
Dichlorodifluoromethane	ND	ug/l	5.0				
Acetone	ND	ug/l	5.0				
Carbon disulfide	ND	ug/l	5.0				
2-Butanone	ND	ug/l	5.0				
Vinyl acetate	ND	ug/l	5.0				
4-Methyl-2-pentanone	ND	ug/l	5.0				
2-Hexanone	ND	ug/l	5.0				
Bromochloromethane	ND	ug/l	2.5				
2,2-Dichloropropane	ND	ug/l	2.5				
1,2-Dibromoethane	ND	ug/l	2.0				
1,3-Dichloropropane	ND	ug/l	2.5				
1,1,1,2-Tetrachloroethane	ND	ug/l	0.50				
Bromobenzene	ND	ug/l	2.5				
n-Butylbenzene	ND	ug/l	0.50				
sec-Butylbenzene	ND	ug/l	0.50				
tert-Butylbenzene	ND	ug/l	2.5				
o-Chlorotoluene	ND	ug/l	2.5				
p-Chlorotoluene	ND	ug/l	2.5				
1,2-Dibromo-3-chloropropane	ND	ug/l	2.5				
Hexachlorobutadiene	ND	ug/l	0.60				
Isopropylbenzene	ND	ug/l	0.50				
p-Isopropyltoluene	ND	ug/l	0.50				
Naphthalene	ND	ug/l	2.5				
n-Propylbenzene	ND	ug/l	0.50				
1,2,3-Trichlorobenzene	ND	ug/l	2.5				
1,2,4-Trichlorobenzene	ND	ug/l	2.5				
1,3,5-Trimethylbenzene	ND	ug/l	2.5				
1,2,4-Trimethylbenzene	ND	ug/l	2.5				
1,4-Diethylbenzene	ND	ug/l	2.0				
4-Ethyltoluene	ND	ug/l	2.0				
1,2,4,5-Tetramethylbenzene	ND	ug/l	2.0				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	108	%		70-130			
Toluene-d8	99.0	%		70-130			
4-Bromofluorobenzene	101	%		70-130			
Dibromofluoromethane	101	%		70-130			

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS

MA:M-MA086 NH:2003 CT:PH-0574 ME:MA0086 RI:LAO00065 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0812845-02	Date Collected: 26-AUG-2008 11:30
PWG-VP-2008-04 (36-40')	Date Received : 29-AUG-2008
Sample Matrix: WATER	Date Reported : 05-SEP-2008
Condition of Sample: Satisfactory	Field Prep: None
Number & Type of Containers: 6-Vial	

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP ANAL	ID
Volatile Organics by EPA 8260B				1 8260B	0904 18:11	PD
Methylene chloride	ND	ug/l	5.0			
1,1-Dichloroethane	ND	ug/l	0.75			
Chloroform	ND	ug/l	0.75			
Carbon tetrachloride	ND	ug/l	0.50			
1,2-Dichloropropane	ND	ug/l	1.8			
Dibromochloromethane	ND	ug/l	0.50			
1,1,2-Trichloroethane	ND	ug/l	0.75			
Tetrachloroethene	ND	ug/l	0.50			
Chlorobenzene	ND	ug/l	0.50			
Trichlorofluoromethane	ND	ug/l	2.5			
1,2-Dichloroethane	ND	ug/l	0.50			
1,1,1-Trichloroethane	ND	ug/l	0.50			
Bromodichloromethane	ND	ug/l	0.50			
trans-1,3-Dichloropropene	ND	ug/l	0.50			
cis-1,3-Dichloropropene	ND	ug/l	0.50			
1,1-Dichloropropene	ND	ug/l	2.5			
Bromoform	ND	ug/l	2.0			
1,1,2,2-Tetrachloroethane	ND	ug/l	0.50			
Benzene	ND	ug/l	0.50			
Toluene	ND	ug/l	0.75			
Ethylbenzene	ND	ug/l	0.50			
Chloromethane	ND	ug/l	2.5			
Bromomethane	ND	ug/l	1.0			
Vinyl chloride	ND	ug/l	1.0			
Chloroethane	ND	ug/l	1.0			
1,1-Dichloroethene	ND	ug/l	0.50			
trans-1,2-Dichloroethene	ND	ug/l	0.75			
Trichloroethene	ND	ug/l	0.50			
1,2-Dichlorobenzene	ND	ug/l	2.5			
1,3-Dichlorobenzene	ND	ug/l	2.5			
1,4-Dichlorobenzene	ND	ug/l	2.5			
Methyl tert butyl ether	ND	ug/l	1.0			
p/m-Xylene	ND	ug/l	1.0			
o-Xylene	ND	ug/l	1.0			
cis-1,2-Dichloroethene	ND	ug/l	0.50			
Dibromomethane	ND	ug/l	5.0			
1,2,3-Trichloropropane	ND	ug/l	5.0			
Acrylonitrile	ND	ug/l	5.0			

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0812845-02
PWG-VP-2008-04 (36-40')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0904 18:11 PD	
Styrene	ND	ug/l	1.0				
Dichlorodifluoromethane	ND	ug/l	5.0				
Acetone	ND	ug/l	5.0				
Carbon disulfide	ND	ug/l	5.0				
2-Butanone	ND	ug/l	5.0				
Vinyl acetate	ND	ug/l	5.0				
4-Methyl-2-pentanone	ND	ug/l	5.0				
2-Hexanone	ND	ug/l	5.0				
Bromochloromethane	ND	ug/l	2.5				
2,2-Dichloropropane	ND	ug/l	2.5				
1,2-Dibromoethane	ND	ug/l	2.0				
1,3-Dichloropropane	ND	ug/l	2.5				
1,1,1,2-Tetrachloroethane	ND	ug/l	0.50				
Bromobenzene	ND	ug/l	2.5				
n-Butylbenzene	ND	ug/l	0.50				
sec-Butylbenzene	ND	ug/l	0.50				
tert-Butylbenzene	ND	ug/l	2.5				
o-Chlorotoluene	ND	ug/l	2.5				
p-Chlorotoluene	ND	ug/l	2.5				
1,2-Dibromo-3-chloropropane	ND	ug/l	2.5				
Hexachlorobutadiene	ND	ug/l	0.60				
Isopropylbenzene	ND	ug/l	0.50				
p-Isopropyltoluene	ND	ug/l	0.50				
Naphthalene	ND	ug/l	2.5				
n-Propylbenzene	ND	ug/l	0.50				
1,2,3-Trichlorobenzene	ND	ug/l	2.5				
1,2,4-Trichlorobenzene	ND	ug/l	2.5				
1,3,5-Trimethylbenzene	ND	ug/l	2.5				
1,2,4-Trimethylbenzene	ND	ug/l	2.5				
1,4-Diethylbenzene	ND	ug/l	2.0				
4-Ethyltoluene	ND	ug/l	2.0				
1,2,4,5-Tetramethylbenzene	ND	ug/l	2.0				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	106	%		70-130			
Toluene-d8	100	%		70-130			
4-Bromofluorobenzene	100	%		70-130			
Dibromofluoromethane	99.0	%		70-130			

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS

MA:M-MA086 NH:2003 CT:PH-0574 ME:MA0086 RI:LAO00065 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number:	L0812845-03	Date Collected:	26-AUG-2008 15:00
	PWG-VP-2008-04 (56-60')	Date Received :	29-AUG-2008
Sample Matrix:	WATER	Date Reported :	05-SEP-2008
Condition of Sample:	Satisfactory	Field Prep:	None
Number & Type of Containers:	2-Vial		

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP ANAL	ID
Volatile Organics by EPA 8260B				1 8260B	0904 20:06 PD	
Methylene chloride	ND	ug/l	5.0			
1,1-Dichloroethane	ND	ug/l	0.75			
Chloroform	ND	ug/l	0.75			
Carbon tetrachloride	ND	ug/l	0.50			
1,2-Dichloropropane	ND	ug/l	1.8			
Dibromochloromethane	ND	ug/l	0.50			
1,1,2-Trichloroethane	ND	ug/l	0.75			
Tetrachloroethene	ND	ug/l	0.50			
Chlorobenzene	ND	ug/l	0.50			
Trichlorofluoromethane	ND	ug/l	2.5			
1,2-Dichloroethane	ND	ug/l	0.50			
1,1,1-Trichloroethane	ND	ug/l	0.50			
Bromodichloromethane	ND	ug/l	0.50			
trans-1,3-Dichloropropene	ND	ug/l	0.50			
cis-1,3-Dichloropropene	ND	ug/l	0.50			
1,1-Dichloropropene	ND	ug/l	2.5			
Bromoform	ND	ug/l	2.0			
1,1,2,2-Tetrachloroethane	ND	ug/l	0.50			
Benzene	ND	ug/l	0.50			
Toluene	ND	ug/l	0.75			
Ethylbenzene	ND	ug/l	0.50			
Chloromethane	ND	ug/l	2.5			
Bromomethane	ND	ug/l	1.0			
Vinyl chloride	ND	ug/l	1.0			
Chloroethane	ND	ug/l	1.0			
1,1-Dichloroethene	ND	ug/l	0.50			
trans-1,2-Dichloroethene	ND	ug/l	0.75			
Trichloroethene	ND	ug/l	0.50			
1,2-Dichlorobenzene	ND	ug/l	2.5			
1,3-Dichlorobenzene	ND	ug/l	2.5			
1,4-Dichlorobenzene	ND	ug/l	2.5			
Methyl tert butyl ether	ND	ug/l	1.0			
p/m-Xylene	ND	ug/l	1.0			
o-Xylene	ND	ug/l	1.0			
cis-1,2-Dichloroethene	ND	ug/l	0.50			
Dibromomethane	ND	ug/l	5.0			
1,2,3-Trichloropropane	ND	ug/l	5.0			
Acrylonitrile	ND	ug/l	5.0			

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0812845-03
PWG-VP-2008-04 (56-60')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0904 20:06 PD	
Styrene	ND	ug/l	1.0				
Dichlorodifluoromethane	ND	ug/l	5.0				
Acetone	8.9	ug/l	5.0				
Carbon disulfide	ND	ug/l	5.0				
2-Butanone	ND	ug/l	5.0				
Vinyl acetate	ND	ug/l	5.0				
4-Methyl-2-pentanone	ND	ug/l	5.0				
2-Hexanone	ND	ug/l	5.0				
Bromochloromethane	ND	ug/l	2.5				
2,2-Dichloropropane	ND	ug/l	2.5				
1,2-Dibromoethane	ND	ug/l	2.0				
1,3-Dichloropropane	ND	ug/l	2.5				
1,1,1,2-Tetrachloroethane	ND	ug/l	0.50				
Bromobenzene	ND	ug/l	2.5				
n-Butylbenzene	ND	ug/l	0.50				
sec-Butylbenzene	ND	ug/l	0.50				
tert-Butylbenzene	ND	ug/l	2.5				
o-Chlorotoluene	ND	ug/l	2.5				
p-Chlorotoluene	ND	ug/l	2.5				
1,2-Dibromo-3-chloropropane	ND	ug/l	2.5				
Hexachlorobutadiene	ND	ug/l	0.60				
Isopropylbenzene	ND	ug/l	0.50				
p-Isopropyltoluene	ND	ug/l	0.50				
Naphthalene	ND	ug/l	2.5				
n-Propylbenzene	ND	ug/l	0.50				
1,2,3-Trichlorobenzene	ND	ug/l	2.5				
1,2,4-Trichlorobenzene	ND	ug/l	2.5				
1,3,5-Trimethylbenzene	ND	ug/l	2.5				
1,2,4-Trimethylbenzene	ND	ug/l	2.5				
1,4-Diethylbenzene	ND	ug/l	2.0				
4-Ethyltoluene	ND	ug/l	2.0				
1,2,4,5-Tetramethylbenzene	ND	ug/l	2.0				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	103	%		70-130			
Toluene-d8	99.0	%		70-130			
4-Bromofluorobenzene	101	%		70-130			
Dibromofluoromethane	99.0	%		70-130			

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

MA:M-MA086 NH:2003 CT:PH-0574 ME:MA0086 RI:LAO00065 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0812845-04	Date Collected: 26-AUG-2008 16:15
PWG-VP-2008-04 (76-80')	Date Received : 29-AUG-2008
Sample Matrix: WATER	Date Reported : 05-SEP-2008
Condition of Sample: Satisfactory	Field Prep: None
Number & Type of Containers: 2-Vial	

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP ANAL	ID
Volatile Organics by EPA 8260B				1 8260B	0904 20:44	PD
Methylene chloride	ND	ug/l	5.0			
1,1-Dichloroethane	ND	ug/l	0.75			
Chloroform	ND	ug/l	0.75			
Carbon tetrachloride	ND	ug/l	0.50			
1,2-Dichloropropane	ND	ug/l	1.8			
Dibromochloromethane	ND	ug/l	0.50			
1,1,2-Trichloroethane	ND	ug/l	0.75			
Tetrachloroethene	ND	ug/l	0.50			
Chlorobenzene	ND	ug/l	0.50			
Trichlorofluoromethane	ND	ug/l	2.5			
1,2-Dichloroethane	ND	ug/l	0.50			
1,1,1-Trichloroethane	ND	ug/l	0.50			
Bromodichloromethane	ND	ug/l	0.50			
trans-1,3-Dichloropropene	ND	ug/l	0.50			
cis-1,3-Dichloropropene	ND	ug/l	0.50			
1,1-Dichloropropene	ND	ug/l	2.5			
Bromoform	ND	ug/l	2.0			
1,1,2,2-Tetrachloroethane	ND	ug/l	0.50			
Benzene	ND	ug/l	0.50			
Toluene	ND	ug/l	0.75			
Ethylbenzene	ND	ug/l	0.50			
Chloromethane	ND	ug/l	2.5			
Bromomethane	ND	ug/l	1.0			
Vinyl chloride	ND	ug/l	1.0			
Chloroethane	ND	ug/l	1.0			
1,1-Dichloroethene	ND	ug/l	0.50			
trans-1,2-Dichloroethene	ND	ug/l	0.75			
Trichloroethene	ND	ug/l	0.50			
1,2-Dichlorobenzene	ND	ug/l	2.5			
1,3-Dichlorobenzene	ND	ug/l	2.5			
1,4-Dichlorobenzene	ND	ug/l	2.5			
Methyl tert butyl ether	ND	ug/l	1.0			
p/m-Xylene	ND	ug/l	1.0			
o-Xylene	ND	ug/l	1.0			
cis-1,2-Dichloroethene	ND	ug/l	0.50			
Dibromomethane	ND	ug/l	5.0			
1,2,3-Trichloropropane	ND	ug/l	5.0			
Acrylonitrile	ND	ug/l	5.0			

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0812845-04
PWG-VP-2008-04 (76-80')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0904 20:44 PD	
Styrene	ND	ug/l	1.0				
Dichlorodifluoromethane	ND	ug/l	5.0				
Acetone	ND	ug/l	5.0				
Carbon disulfide	ND	ug/l	5.0				
2-Butanone	ND	ug/l	5.0				
Vinyl acetate	ND	ug/l	5.0				
4-Methyl-2-pentanone	ND	ug/l	5.0				
2-Hexanone	ND	ug/l	5.0				
Bromochloromethane	ND	ug/l	2.5				
2,2-Dichloropropane	ND	ug/l	2.5				
1,2-Dibromoethane	ND	ug/l	2.0				
1,3-Dichloropropane	ND	ug/l	2.5				
1,1,1,2-Tetrachloroethane	ND	ug/l	0.50				
Bromobenzene	ND	ug/l	2.5				
n-Butylbenzene	ND	ug/l	0.50				
sec-Butylbenzene	ND	ug/l	0.50				
tert-Butylbenzene	ND	ug/l	2.5				
o-Chlorotoluene	ND	ug/l	2.5				
p-Chlorotoluene	ND	ug/l	2.5				
1,2-Dibromo-3-chloropropane	ND	ug/l	2.5				
Hexachlorobutadiene	ND	ug/l	0.60				
Isopropylbenzene	ND	ug/l	0.50				
p-Isopropyltoluene	ND	ug/l	0.50				
Naphthalene	ND	ug/l	2.5				
n-Propylbenzene	ND	ug/l	0.50				
1,2,3-Trichlorobenzene	ND	ug/l	2.5				
1,2,4-Trichlorobenzene	ND	ug/l	2.5				
1,3,5-Trimethylbenzene	ND	ug/l	2.5				
1,2,4-Trimethylbenzene	ND	ug/l	2.5				
1,4-Diethylbenzene	ND	ug/l	2.0				
4-Ethyltoluene	ND	ug/l	2.0				
1,2,4,5-Tetramethylbenzene	ND	ug/l	2.0				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	105	%		70-130			
Toluene-d8	99.0	%		70-130			
4-Bromofluorobenzene	100	%		70-130			
Dibromofluoromethane	101	%		70-130			

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS

MA:M-MA086 NH:2003 CT:PH-0574 ME:MA0086 RI:LAO00065 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0812845-05 Date Collected: 27-AUG-2008 11:20
PWG-VP-2008-04 (96-100') Date Received : 29-AUG-2008
Sample Matrix: WATER Date Reported : 05-SEP-2008
Condition of Sample: Satisfactory Field Prep: None
Number & Type of Containers: 2-Vial

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B				1 8260B	0904 21:22 PD		
Methylene chloride	ND	ug/l	5.0				
1,1-Dichloroethane	ND	ug/l	0.75				
Chloroform	ND	ug/l	0.75				
Carbon tetrachloride	ND	ug/l	0.50				
1,2-Dichloropropane	ND	ug/l	1.8				
Dibromochloromethane	ND	ug/l	0.50				
1,1,2-Trichloroethane	ND	ug/l	0.75				
Tetrachloroethene	ND	ug/l	0.50				
Chlorobenzene	ND	ug/l	0.50				
Trichlorofluoromethane	ND	ug/l	2.5				
1,2-Dichloroethane	ND	ug/l	0.50				
1,1,1-Trichloroethane	ND	ug/l	0.50				
Bromodichloromethane	ND	ug/l	0.50				
trans-1,3-Dichloropropene	ND	ug/l	0.50				
cis-1,3-Dichloropropene	ND	ug/l	0.50				
1,1-Dichloropropene	ND	ug/l	2.5				
Bromoform	ND	ug/l	2.0				
1,1,2,2-Tetrachloroethane	ND	ug/l	0.50				
Benzene	0.56	ug/l	0.50				
Toluene	1.3	ug/l	0.75				
Ethylbenzene	ND	ug/l	0.50				
Chloromethane	ND	ug/l	2.5				
Bromomethane	ND	ug/l	1.0				
Vinyl chloride	ND	ug/l	1.0				
Chloroethane	ND	ug/l	1.0				
1,1-Dichloroethene	ND	ug/l	0.50				
trans-1,2-Dichloroethene	ND	ug/l	0.75				
Trichloroethene	ND	ug/l	0.50				
1,2-Dichlorobenzene	ND	ug/l	2.5				
1,3-Dichlorobenzene	ND	ug/l	2.5				
1,4-Dichlorobenzene	ND	ug/l	2.5				
Methyl tert butyl ether	ND	ug/l	1.0				
p/m-Xylene	ND	ug/l	1.0				
o-Xylene	ND	ug/l	1.0				
cis-1,2-Dichloroethene	ND	ug/l	0.50				
Dibromomethane	ND	ug/l	5.0				
1,2,3-Trichloropropane	ND	ug/l	5.0				
Acrylonitrile	ND	ug/l	5.0				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0812845-05
PWG-VP-2008-04 (96-100')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0904 21:22 PD	
Styrene	ND	ug/l	1.0				
Dichlorodifluoromethane	ND	ug/l	5.0				
Acetone	49	ug/l	5.0				
Carbon disulfide	ND	ug/l	5.0				
2-Butanone	18	ug/l	5.0				
Vinyl acetate	ND	ug/l	5.0				
4-Methyl-2-pentanone	ND	ug/l	5.0				
2-Hexanone	ND	ug/l	5.0				
Bromochloromethane	ND	ug/l	2.5				
2,2-Dichloropropane	ND	ug/l	2.5				
1,2-Dibromoethane	ND	ug/l	2.0				
1,3-Dichloropropane	ND	ug/l	2.5				
1,1,1,2-Tetrachloroethane	ND	ug/l	0.50				
Bromobenzene	ND	ug/l	2.5				
n-Butylbenzene	ND	ug/l	0.50				
sec-Butylbenzene	ND	ug/l	0.50				
tert-Butylbenzene	ND	ug/l	2.5				
o-Chlorotoluene	ND	ug/l	2.5				
p-Chlorotoluene	ND	ug/l	2.5				
1,2-Dibromo-3-chloropropane	ND	ug/l	2.5				
Hexachlorobutadiene	ND	ug/l	0.60				
Isopropylbenzene	ND	ug/l	0.50				
p-Isopropyltoluene	ND	ug/l	0.50				
Naphthalene	ND	ug/l	2.5				
n-Propylbenzene	ND	ug/l	0.50				
1,2,3-Trichlorobenzene	ND	ug/l	2.5				
1,2,4-Trichlorobenzene	ND	ug/l	2.5				
1,3,5-Trimethylbenzene	ND	ug/l	2.5				
1,2,4-Trimethylbenzene	ND	ug/l	2.5				
1,4-Diethylbenzene	ND	ug/l	2.0				
4-Ethyltoluene	ND	ug/l	2.0				
1,2,4,5-Tetramethylbenzene	ND	ug/l	2.0				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	105	%		70-130			
Toluene-d8	100	%		70-130			
4-Bromofluorobenzene	101	%		70-130			
Dibromofluoromethane	99.0	%		70-130			

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS

MA:M-MA086 NH:2003 CT:PH-0574 ME:MA0086 RI:LAO00065 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0812845-06 Date Collected: 27-AUG-2008 13:20
PWG-VP-2008-03 (16-20') Date Received : 29-AUG-2008
Sample Matrix: WATER Date Reported : 05-SEP-2008
Condition of Sample: Satisfactory Field Prep: None
Number & Type of Containers: 2-Vial

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B				1	8260B	0904	22:00 PD
Methylene chloride	ND	ug/l	5.0				
1,1-Dichloroethane	ND	ug/l	0.75				
Chloroform	ND	ug/l	0.75				
Carbon tetrachloride	ND	ug/l	0.50				
1,2-Dichloropropane	ND	ug/l	1.8				
Dibromochloromethane	ND	ug/l	0.50				
1,1,2-Trichloroethane	ND	ug/l	0.75				
Tetrachloroethene	28	ug/l	0.50				
Chlorobenzene	ND	ug/l	0.50				
Trichlorofluoromethane	ND	ug/l	2.5				
1,2-Dichloroethane	ND	ug/l	0.50				
1,1,1-Trichloroethane	ND	ug/l	0.50				
Bromodichloromethane	ND	ug/l	0.50				
trans-1,3-Dichloropropene	ND	ug/l	0.50				
cis-1,3-Dichloropropene	ND	ug/l	0.50				
1,1-Dichloropropene	ND	ug/l	2.5				
Bromoform	ND	ug/l	2.0				
1,1,2,2-Tetrachloroethane	ND	ug/l	0.50				
Benzene	ND	ug/l	0.50				
Toluene	ND	ug/l	0.75				
Ethylbenzene	ND	ug/l	0.50				
Chloromethane	ND	ug/l	2.5				
Bromomethane	ND	ug/l	1.0				
Vinyl chloride	ND	ug/l	1.0				
Chloroethane	ND	ug/l	1.0				
1,1-Dichloroethene	ND	ug/l	0.50				
trans-1,2-Dichloroethene	ND	ug/l	0.75				
Trichloroethene	1.2	ug/l	0.50				
1,2-Dichlorobenzene	ND	ug/l	2.5				
1,3-Dichlorobenzene	ND	ug/l	2.5				
1,4-Dichlorobenzene	ND	ug/l	2.5				
Methyl tert butyl ether	ND	ug/l	1.0				
p/m-Xylene	ND	ug/l	1.0				
o-Xylene	ND	ug/l	1.0				
cis-1,2-Dichloroethene	13	ug/l	0.50				
Dibromomethane	ND	ug/l	5.0				
1,2,3-Trichloropropane	ND	ug/l	5.0				
Acrylonitrile	ND	ug/l	5.0				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0812845-06
PWG-VP-2008-03 (16-20')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0904 22:00 PD	
Styrene	ND	ug/l	1.0				
Dichlorodifluoromethane	ND	ug/l	5.0				
Acetone	26	ug/l	5.0				
Carbon disulfide	ND	ug/l	5.0				
2-Butanone	6.4	ug/l	5.0				
Vinyl acetate	ND	ug/l	5.0				
4-Methyl-2-pentanone	ND	ug/l	5.0				
2-Hexanone	ND	ug/l	5.0				
Bromochloromethane	ND	ug/l	2.5				
2,2-Dichloropropane	ND	ug/l	2.5				
1,2-Dibromoethane	ND	ug/l	2.0				
1,3-Dichloropropane	ND	ug/l	2.5				
1,1,1,2-Tetrachloroethane	ND	ug/l	0.50				
Bromobenzene	ND	ug/l	2.5				
n-Butylbenzene	ND	ug/l	0.50				
sec-Butylbenzene	ND	ug/l	0.50				
tert-Butylbenzene	ND	ug/l	2.5				
o-Chlorotoluene	ND	ug/l	2.5				
p-Chlorotoluene	ND	ug/l	2.5				
1,2-Dibromo-3-chloropropane	ND	ug/l	2.5				
Hexachlorobutadiene	ND	ug/l	0.60				
Isopropylbenzene	ND	ug/l	0.50				
p-Isopropyltoluene	ND	ug/l	0.50				
Naphthalene	ND	ug/l	2.5				
n-Propylbenzene	ND	ug/l	0.50				
1,2,3-Trichlorobenzene	ND	ug/l	2.5				
1,2,4-Trichlorobenzene	ND	ug/l	2.5				
1,3,5-Trimethylbenzene	ND	ug/l	2.5				
1,2,4-Trimethylbenzene	ND	ug/l	2.5				
1,4-Diethylbenzene	ND	ug/l	2.0				
4-Ethyltoluene	ND	ug/l	2.0				
1,2,4,5-Tetramethylbenzene	ND	ug/l	2.0				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	104	%		70-130			
Toluene-d8	99.0	%		70-130			
4-Bromofluorobenzene	102	%		70-130			
Dibromofluoromethane	99.0	%		70-130			

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

MA:M-MA086 NH:2003 CT:PH-0574 ME:MA0086 RI:LAO00065 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0812845-07	Date Collected: 27-AUG-2008 13:50
PWG-VP-2008-03 (36-40')	Date Received : 29-AUG-2008
Sample Matrix: WATER	Date Reported : 05-SEP-2008
Condition of Sample: Satisfactory	Field Prep: None
Number & Type of Containers: 2-Vial	

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP ANAL	ID
Volatile Organics by EPA 8260B				1 8260B	0904 22:37 PD	
Methylene chloride	ND	ug/l	5.0			
1,1-Dichloroethane	ND	ug/l	0.75			
Chloroform	ND	ug/l	0.75			
Carbon tetrachloride	ND	ug/l	0.50			
1,2-Dichloropropane	ND	ug/l	1.8			
Dibromochloromethane	ND	ug/l	0.50			
1,1,2-Trichloroethane	ND	ug/l	0.75			
Tetrachloroethene	24	ug/l	0.50			
Chlorobenzene	ND	ug/l	0.50			
Trichlorofluoromethane	ND	ug/l	2.5			
1,2-Dichloroethane	ND	ug/l	0.50			
1,1,1-Trichloroethane	ND	ug/l	0.50			
Bromodichloromethane	ND	ug/l	0.50			
trans-1,3-Dichloropropene	ND	ug/l	0.50			
cis-1,3-Dichloropropene	ND	ug/l	0.50			
1,1-Dichloropropene	ND	ug/l	2.5			
Bromoform	ND	ug/l	2.0			
1,1,2,2-Tetrachloroethane	ND	ug/l	0.50			
Benzene	ND	ug/l	0.50			
Toluene	ND	ug/l	0.75			
Ethylbenzene	ND	ug/l	0.50			
Chloromethane	ND	ug/l	2.5			
Bromomethane	ND	ug/l	1.0			
Vinyl chloride	ND	ug/l	1.0			
Chloroethane	ND	ug/l	1.0			
1,1-Dichloroethene	ND	ug/l	0.50			
trans-1,2-Dichloroethene	ND	ug/l	0.75			
Trichloroethene	ND	ug/l	0.50			
1,2-Dichlorobenzene	ND	ug/l	2.5			
1,3-Dichlorobenzene	ND	ug/l	2.5			
1,4-Dichlorobenzene	ND	ug/l	2.5			
Methyl tert butyl ether	ND	ug/l	1.0			
p/m-Xylene	ND	ug/l	1.0			
o-Xylene	ND	ug/l	1.0			
cis-1,2-Dichloroethene	0.62	ug/l	0.50			
Dibromomethane	ND	ug/l	5.0			
1,2,3-Trichloropropane	ND	ug/l	5.0			
Acrylonitrile	ND	ug/l	5.0			

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0812845-07
PWG-VP-2008-03 (36-40')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0904 22:37 PD	
Styrene	ND	ug/l	1.0				
Dichlorodifluoromethane	ND	ug/l	5.0				
Acetone	ND	ug/l	5.0				
Carbon disulfide	ND	ug/l	5.0				
2-Butanone	ND	ug/l	5.0				
Vinyl acetate	ND	ug/l	5.0				
4-Methyl-2-pentanone	ND	ug/l	5.0				
2-Hexanone	ND	ug/l	5.0				
Bromochloromethane	ND	ug/l	2.5				
2,2-Dichloropropane	ND	ug/l	2.5				
1,2-Dibromoethane	ND	ug/l	2.0				
1,3-Dichloropropane	ND	ug/l	2.5				
1,1,1,2-Tetrachloroethane	ND	ug/l	0.50				
Bromobenzene	ND	ug/l	2.5				
n-Butylbenzene	ND	ug/l	0.50				
sec-Butylbenzene	1.3	ug/l	0.50				
tert-Butylbenzene	ND	ug/l	2.5				
o-Chlorotoluene	ND	ug/l	2.5				
p-Chlorotoluene	ND	ug/l	2.5				
1,2-Dibromo-3-chloropropane	ND	ug/l	2.5				
Hexachlorobutadiene	ND	ug/l	0.60				
Isopropylbenzene	ND	ug/l	0.50				
p-Isopropyltoluene	ND	ug/l	0.50				
Naphthalene	ND	ug/l	2.5				
n-Propylbenzene	ND	ug/l	0.50				
1,2,3-Trichlorobenzene	ND	ug/l	2.5				
1,2,4-Trichlorobenzene	ND	ug/l	2.5				
1,3,5-Trimethylbenzene	ND	ug/l	2.5				
1,2,4-Trimethylbenzene	ND	ug/l	2.5				
1,4-Diethylbenzene	ND	ug/l	2.0				
4-Ethyltoluene	ND	ug/l	2.0				
1,2,4,5-Tetramethylbenzene	ND	ug/l	2.0				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	104	%		70-130			
Toluene-d8	99.0	%		70-130			
4-Bromofluorobenzene	100	%		70-130			
Dibromofluoromethane	99.0	%		70-130			

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL
 CERTIFICATE OF ANALYSIS

MA:M-MA086 NH:2003 CT:PH-0574 ME:MA0086 RI:LAO00065 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0812845-08
 PWG-VP-2008-03 (56-60')

Date Collected: 27-AUG-2008 15:00
 Date Received : 29-AUG-2008
 Date Reported : 05-SEP-2008

Sample Matrix: WATER

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 2-Vial

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B				1	8260B	0904 23:15 PD	
Methylene chloride	ND	ug/l	5.0				
1,1-Dichloroethane	ND	ug/l	0.75				
Chloroform	ND	ug/l	0.75				
Carbon tetrachloride	ND	ug/l	0.50				
1,2-Dichloropropane	ND	ug/l	1.8				
Dibromochloromethane	ND	ug/l	0.50				
1,1,2-Trichloroethane	ND	ug/l	0.75				
Tetrachloroethene	>100	ug/l	.5				
Chlorobenzene	ND	ug/l	0.50				
Trichlorofluoromethane	ND	ug/l	2.5				
1,2-Dichloroethane	ND	ug/l	0.50				
1,1,1-Trichloroethane	ND	ug/l	0.50				
Bromodichloromethane	ND	ug/l	0.50				
trans-1,3-Dichloropropene	ND	ug/l	0.50				
cis-1,3-Dichloropropene	ND	ug/l	0.50				
1,1-Dichloropropene	ND	ug/l	2.5				
Bromoform	ND	ug/l	2.0				
1,1,2,2-Tetrachloroethane	ND	ug/l	0.50				
Benzene	0.69	ug/l	0.50				
Toluene	1.0	ug/l	0.75				
Ethylbenzene	ND	ug/l	0.50				
Chloromethane	ND	ug/l	2.5				
Bromomethane	ND	ug/l	1.0				
Vinyl chloride	ND	ug/l	1.0				
Chloroethane	ND	ug/l	1.0				
1,1-Dichloroethene	ND	ug/l	0.50				
trans-1,2-Dichloroethene	ND	ug/l	0.75				
Trichloroethene	2.6	ug/l	0.50				
1,2-Dichlorobenzene	ND	ug/l	2.5				
1,3-Dichlorobenzene	ND	ug/l	2.5				
1,4-Dichlorobenzene	ND	ug/l	2.5				
Methyl tert butyl ether	5.5	ug/l	1.0				
p/m-Xylene	ND	ug/l	1.0				
o-Xylene	ND	ug/l	1.0				
cis-1,2-Dichloroethene	8.3	ug/l	0.50				
Dibromomethane	ND	ug/l	5.0				
1,2,3-Trichloropropane	ND	ug/l	5.0				
Acrylonitrile	ND	ug/l	5.0				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0812845-08
PWG-VP-2008-03 (56-60')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0904 23:15 PD	
Styrene	ND	ug/l	1.0				
Dichlorodifluoromethane	ND	ug/l	5.0				
Acetone	ND	ug/l	5.0				
Carbon disulfide	ND	ug/l	5.0				
2-Butanone	ND	ug/l	5.0				
Vinyl acetate	ND	ug/l	5.0				
4-Methyl-2-pentanone	ND	ug/l	5.0				
2-Hexanone	ND	ug/l	5.0				
Bromochloromethane	ND	ug/l	2.5				
2,2-Dichloropropane	ND	ug/l	2.5				
1,2-Dibromoethane	ND	ug/l	2.0				
1,3-Dichloropropane	ND	ug/l	2.5				
1,1,1,2-Tetrachloroethane	ND	ug/l	0.50				
Bromobenzene	ND	ug/l	2.5				
n-Butylbenzene	ND	ug/l	0.50				
sec-Butylbenzene	ND	ug/l	0.50				
tert-Butylbenzene	ND	ug/l	2.5				
o-Chlorotoluene	ND	ug/l	2.5				
p-Chlorotoluene	ND	ug/l	2.5				
1,2-Dibromo-3-chloropropane	ND	ug/l	2.5				
Hexachlorobutadiene	ND	ug/l	0.60				
Isopropylbenzene	0.88	ug/l	0.50				
p-Isopropyltoluene	ND	ug/l	0.50				
Naphthalene	ND	ug/l	2.5				
n-Propylbenzene	ND	ug/l	0.50				
1,2,3-Trichlorobenzene	ND	ug/l	2.5				
1,2,4-Trichlorobenzene	ND	ug/l	2.5				
1,3,5-Trimethylbenzene	ND	ug/l	2.5				
1,2,4-Trimethylbenzene	ND	ug/l	2.5				
1,4-Diethylbenzene	ND	ug/l	2.0				
4-Ethyltoluene	ND	ug/l	2.0				
1,2,4,5-Tetramethylbenzene	ND	ug/l	2.0				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	102	%		70-130			
Toluene-d8	99.0	%		70-130			
4-Bromofluorobenzene	100	%		70-130			
Dibromofluoromethane	100	%		70-130			
Volatile Organics by EPA 8260B				1	8260B	0905 10:11 PD	
Tetrachloroethene	91	ug/l	2.0				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	107	%		70-130			
Toluene-d8	99.0	%		70-130			
4-Bromofluorobenzene	100	%		70-130			
Dibromofluoromethane	102	%		70-130			

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS

MA:M-MA086 NH:2003 CT:PH-0574 ME:MA0086 RI:LAO00065 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number:	L0812845-09	Date Collected:	21-AUG-2008 12:00
	TB-01	Date Received :	29-AUG-2008
Sample Matrix:	WATER	Date Reported :	05-SEP-2008
Condition of Sample:	Satisfactory	Field Prep:	None

Number & Type of Containers: 2-Vial

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B				1 8260B	0904 23:52 PD		
Methylene chloride	ND	ug/l	5.0				
1,1-Dichloroethane	ND	ug/l	0.75				
Chloroform	ND	ug/l	0.75				
Carbon tetrachloride	ND	ug/l	0.50				
1,2-Dichloropropane	ND	ug/l	1.8				
Dibromochloromethane	ND	ug/l	0.50				
1,1,2-Trichloroethane	ND	ug/l	0.75				
Tetrachloroethene	ND	ug/l	0.50				
Chlorobenzene	ND	ug/l	0.50				
Trichlorofluoromethane	ND	ug/l	2.5				
1,2-Dichloroethane	ND	ug/l	0.50				
1,1,1-Trichloroethane	ND	ug/l	0.50				
Bromodichloromethane	ND	ug/l	0.50				
trans-1,3-Dichloropropene	ND	ug/l	0.50				
cis-1,3-Dichloropropene	ND	ug/l	0.50				
1,1-Dichloropropene	ND	ug/l	2.5				
Bromoform	ND	ug/l	2.0				
1,1,2,2-Tetrachloroethane	ND	ug/l	0.50				
Benzene	ND	ug/l	0.50				
Toluene	ND	ug/l	0.75				
Ethylbenzene	ND	ug/l	0.50				
Chloromethane	ND	ug/l	2.5				
Bromomethane	ND	ug/l	1.0				
Vinyl chloride	ND	ug/l	1.0				
Chloroethane	ND	ug/l	1.0				
1,1-Dichloroethene	ND	ug/l	0.50				
trans-1,2-Dichloroethene	ND	ug/l	0.75				
Trichloroethene	ND	ug/l	0.50				
1,2-Dichlorobenzene	ND	ug/l	2.5				
1,3-Dichlorobenzene	ND	ug/l	2.5				
1,4-Dichlorobenzene	ND	ug/l	2.5				
Methyl tert butyl ether	ND	ug/l	1.0				
p/m-Xylene	ND	ug/l	1.0				
o-Xylene	ND	ug/l	1.0				
cis-1,2-Dichloroethene	ND	ug/l	0.50				
Dibromomethane	ND	ug/l	5.0				
1,2,3-Trichloropropane	ND	ug/l	5.0				
Acrylonitrile	ND	ug/l	5.0				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0812845-09
TB-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0904 23:52 PD	
Styrene	ND	ug/l	1.0				
Dichlorodifluoromethane	ND	ug/l	5.0				
Acetone	ND	ug/l	5.0				
Carbon disulfide	ND	ug/l	5.0				
2-Butanone	ND	ug/l	5.0				
Vinyl acetate	ND	ug/l	5.0				
4-Methyl-2-pentanone	ND	ug/l	5.0				
2-Hexanone	ND	ug/l	5.0				
Bromochloromethane	ND	ug/l	2.5				
2,2-Dichloropropane	ND	ug/l	2.5				
1,2-Dibromoethane	ND	ug/l	2.0				
1,3-Dichloropropane	ND	ug/l	2.5				
1,1,1,2-Tetrachloroethane	ND	ug/l	0.50				
Bromobenzene	ND	ug/l	2.5				
n-Butylbenzene	ND	ug/l	0.50				
sec-Butylbenzene	ND	ug/l	0.50				
tert-Butylbenzene	ND	ug/l	2.5				
o-Chlorotoluene	ND	ug/l	2.5				
p-Chlorotoluene	ND	ug/l	2.5				
1,2-Dibromo-3-chloropropane	ND	ug/l	2.5				
Hexachlorobutadiene	ND	ug/l	0.60				
Isopropylbenzene	ND	ug/l	0.50				
p-Isopropyltoluene	ND	ug/l	0.50				
Naphthalene	ND	ug/l	2.5				
n-Propylbenzene	ND	ug/l	0.50				
1,2,3-Trichlorobenzene	ND	ug/l	2.5				
1,2,4-Trichlorobenzene	ND	ug/l	2.5				
1,3,5-Trimethylbenzene	ND	ug/l	2.5				
1,2,4-Trimethylbenzene	ND	ug/l	2.5				
1,4-Diethylbenzene	ND	ug/l	2.0				
4-Ethyltoluene	ND	ug/l	2.0				
1,2,4,5-Tetramethylbenzene	ND	ug/l	2.0				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	103	%		70-130			
Toluene-d8	98.0	%		70-130			
4-Bromofluorobenzene	102	%		70-130			
Dibromofluoromethane	97.0	%		70-130			

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

MA:M-MA086 NH:2003 CT:PH-0574 ME:MA0086 RI:LAO00065 NY:11148 NJ:MA935 Army:USACE

<p>Laboratory Sample Number: L0812845-10 FB-01</p> <p>Sample Matrix: WATER</p> <p>Condition of Sample: Satisfactory</p> <p>Number & Type of Containers: 2-Vial</p>	<p>Date Collected: 26-AUG-2008 10:30</p> <p>Date Received : 29-AUG-2008</p> <p>Date Reported : 05-SEP-2008</p> <p>Field Prep: None</p>
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PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	ID ANAL
Volatile Organics by EPA 8260B				1 8260B	0905	00:29 PD
Methylene chloride	ND	ug/l	5.0			
1,1-Dichloroethane	ND	ug/l	0.75			
Chloroform	ND	ug/l	0.75			
Carbon tetrachloride	ND	ug/l	0.50			
1,2-Dichloropropane	ND	ug/l	1.8			
Dibromochloromethane	ND	ug/l	0.50			
1,1,2-Trichloroethane	ND	ug/l	0.75			
Tetrachloroethene	ND	ug/l	0.50			
Chlorobenzene	ND	ug/l	0.50			
Trichlorofluoromethane	ND	ug/l	2.5			
1,2-Dichloroethane	ND	ug/l	0.50			
1,1,1-Trichloroethane	ND	ug/l	0.50			
Bromodichloromethane	ND	ug/l	0.50			
trans-1,3-Dichloropropene	ND	ug/l	0.50			
cis-1,3-Dichloropropene	ND	ug/l	0.50			
1,1-Dichloropropene	ND	ug/l	2.5			
Bromoform	ND	ug/l	2.0			
1,1,2,2-Tetrachloroethane	ND	ug/l	0.50			
Benzene	ND	ug/l	0.50			
Toluene	ND	ug/l	0.75			
Ethylbenzene	ND	ug/l	0.50			
Chloromethane	ND	ug/l	2.5			
Bromomethane	ND	ug/l	1.0			
Vinyl chloride	ND	ug/l	1.0			
Chloroethane	ND	ug/l	1.0			
1,1-Dichloroethene	ND	ug/l	0.50			
trans-1,2-Dichloroethene	ND	ug/l	0.75			
Trichloroethene	ND	ug/l	0.50			
1,2-Dichlorobenzene	ND	ug/l	2.5			
1,3-Dichlorobenzene	ND	ug/l	2.5			
1,4-Dichlorobenzene	ND	ug/l	2.5			
Methyl tert butyl ether	ND	ug/l	1.0			
p/m-Xylene	ND	ug/l	1.0			
o-Xylene	ND	ug/l	1.0			
cis-1,2-Dichloroethene	ND	ug/l	0.50			
Dibromomethane	ND	ug/l	5.0			
1,2,3-Trichloropropane	ND	ug/l	5.0			
Acrylonitrile	ND	ug/l	5.0			

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0812845-10
FB-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0905 00:29 PD	
Styrene	ND	ug/l	1.0				
Dichlorodifluoromethane	ND	ug/l	5.0				
Acetone	ND	ug/l	5.0				
Carbon disulfide	ND	ug/l	5.0				
2-Butanone	ND	ug/l	5.0				
Vinyl acetate	ND	ug/l	5.0				
4-Methyl-2-pentanone	ND	ug/l	5.0				
2-Hexanone	ND	ug/l	5.0				
Bromochloromethane	ND	ug/l	2.5				
2,2-Dichloropropane	ND	ug/l	2.5				
1,2-Dibromoethane	ND	ug/l	2.0				
1,3-Dichloropropane	ND	ug/l	2.5				
1,1,1,2-Tetrachloroethane	ND	ug/l	0.50				
Bromobenzene	ND	ug/l	2.5				
n-Butylbenzene	ND	ug/l	0.50				
sec-Butylbenzene	ND	ug/l	0.50				
tert-Butylbenzene	ND	ug/l	2.5				
o-Chlorotoluene	ND	ug/l	2.5				
p-Chlorotoluene	ND	ug/l	2.5				
1,2-Dibromo-3-chloropropane	ND	ug/l	2.5				
Hexachlorobutadiene	ND	ug/l	0.60				
Isopropylbenzene	ND	ug/l	0.50				
p-Isopropyltoluene	ND	ug/l	0.50				
Naphthalene	ND	ug/l	2.5				
n-Propylbenzene	ND	ug/l	0.50				
1,2,3-Trichlorobenzene	ND	ug/l	2.5				
1,2,4-Trichlorobenzene	ND	ug/l	2.5				
1,3,5-Trimethylbenzene	ND	ug/l	2.5				
1,2,4-Trimethylbenzene	ND	ug/l	2.5				
1,4-Diethylbenzene	ND	ug/l	2.0				
4-Ethyltoluene	ND	ug/l	2.0				
1,2,4,5-Tetramethylbenzene	ND	ug/l	2.0				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	104	%		70-130			
Toluene-d8	99.0	%		70-130			
4-Bromofluorobenzene	99.0	%		70-130			
Dibromofluoromethane	100	%		70-130			

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS

MA:M-MA086 NH:2003 CT:PH-0574 ME:MA0086 RI:LAO00065 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0812845-11 Date Collected: 27-AUG-2008 17:05
PWG-VP-2008-03 (76-80') Date Received : 29-AUG-2008
Sample Matrix: WATER Date Reported : 05-SEP-2008
Condition of Sample: Satisfactory Field Prep: None
Number & Type of Containers: 2-Vial

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	ID ANAL
Volatile Organics by EPA 8260B				1 8260B	0905 01:06 PD	
Methylene chloride	ND	ug/l	5.0			
1,1-Dichloroethane	ND	ug/l	0.75			
Chloroform	ND	ug/l	0.75			
Carbon tetrachloride	ND	ug/l	0.50			
1,2-Dichloropropane	ND	ug/l	1.8			
Dibromochloromethane	ND	ug/l	0.50			
1,1,2-Trichloroethane	ND	ug/l	0.75			
Tetrachloroethene	21	ug/l	0.50			
Chlorobenzene	ND	ug/l	0.50			
Trichlorofluoromethane	ND	ug/l	2.5			
1,2-Dichloroethane	ND	ug/l	0.50			
1,1,1-Trichloroethane	ND	ug/l	0.50			
Bromodichloromethane	ND	ug/l	0.50			
trans-1,3-Dichloropropene	ND	ug/l	0.50			
cis-1,3-Dichloropropene	ND	ug/l	0.50			
1,1-Dichloropropene	ND	ug/l	2.5			
Bromoform	ND	ug/l	2.0			
1,1,2,2-Tetrachloroethane	ND	ug/l	0.50			
Benzene	ND	ug/l	0.50			
Toluene	ND	ug/l	0.75			
Ethylbenzene	ND	ug/l	0.50			
Chloromethane	ND	ug/l	2.5			
Bromomethane	ND	ug/l	1.0			
Vinyl chloride	ND	ug/l	1.0			
Chloroethane	ND	ug/l	1.0			
1,1-Dichloroethene	ND	ug/l	0.50			
trans-1,2-Dichloroethene	ND	ug/l	0.75			
Trichloroethene	ND	ug/l	0.50			
1,2-Dichlorobenzene	ND	ug/l	2.5			
1,3-Dichlorobenzene	ND	ug/l	2.5			
1,4-Dichlorobenzene	ND	ug/l	2.5			
Methyl tert butyl ether	ND	ug/l	1.0			
p/m-Xylene	ND	ug/l	1.0			
o-Xylene	ND	ug/l	1.0			
cis-1,2-Dichloroethene	1.2	ug/l	0.50			
Dibromomethane	ND	ug/l	5.0			
1,2,3-Trichloropropane	ND	ug/l	5.0			
Acrylonitrile	ND	ug/l	5.0			

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0812845-11
PWG-VP-2008-03 (76-80')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0905 01:06 PD	
Styrene	ND	ug/l	1.0				
Dichlorodifluoromethane	ND	ug/l	5.0				
Acetone	ND	ug/l	5.0				
Carbon disulfide	ND	ug/l	5.0				
2-Butanone	ND	ug/l	5.0				
Vinyl acetate	ND	ug/l	5.0				
4-Methyl-2-pentanone	ND	ug/l	5.0				
2-Hexanone	ND	ug/l	5.0				
Bromochloromethane	ND	ug/l	2.5				
2,2-Dichloropropane	ND	ug/l	2.5				
1,2-Dibromoethane	ND	ug/l	2.0				
1,3-Dichloropropane	ND	ug/l	2.5				
1,1,1,2-Tetrachloroethane	ND	ug/l	0.50				
Bromobenzene	ND	ug/l	2.5				
n-Butylbenzene	ND	ug/l	0.50				
sec-Butylbenzene	1.2	ug/l	0.50				
tert-Butylbenzene	ND	ug/l	2.5				
o-Chlorotoluene	ND	ug/l	2.5				
p-Chlorotoluene	ND	ug/l	2.5				
1,2-Dibromo-3-chloropropane	ND	ug/l	2.5				
Hexachlorobutadiene	ND	ug/l	0.60				
Isopropylbenzene	1.3	ug/l	0.50				
p-Isopropyltoluene	ND	ug/l	0.50				
Naphthalene	ND	ug/l	2.5				
n-Propylbenzene	ND	ug/l	0.50				
1,2,3-Trichlorobenzene	ND	ug/l	2.5				
1,2,4-Trichlorobenzene	ND	ug/l	2.5				
1,3,5-Trimethylbenzene	ND	ug/l	2.5				
1,2,4-Trimethylbenzene	ND	ug/l	2.5				
1,4-Diethylbenzene	ND	ug/l	2.0				
4-Ethyltoluene	ND	ug/l	2.0				
1,2,4,5-Tetramethylbenzene	ND	ug/l	2.0				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	104	%		70-130			
Toluene-d8	98.0	%		70-130			
4-Bromofluorobenzene	100	%		70-130			
Dibromofluoromethane	101	%		70-130			

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL
 QUALITY ASSURANCE BATCH LCS/LCSD ANALYSIS

Laboratory Job Number: L0812845

Parameter	LCS %	LCSD %	RPD	RPD Limit	QC Limits
Volatile Organics by EPA 8260B for sample(s) 08 (WG335231-6, WG335231-7)					
Chlorobenzene	106	98	8	20	75-130
Benzene	104	98	6	20	76-127
Toluene	107	100	7	20	76-125
1,1-Dichloroethene	103	95	8	20	61-145
Trichloroethene	102	96	6	20	71-120
Surrogate(s)					
1,2-Dichloroethane-d4	102	103	1		70-130
Toluene-d8	100	98	2		70-130
4-Bromofluorobenzene	98	99	1		70-130
Dibromofluoromethane	99	100	1		70-130
Volatile Organics by EPA 8260B for sample(s) 01-11 (WG335231-1, WG335231-2)					
Chlorobenzene	109	90	19	20	75-130
Benzene	108	90	18	20	76-127
Toluene	108	89	19	20	76-125
1,1-Dichloroethene	106	87	20	20	61-145
Trichloroethene	106	87	20	20	71-120
Surrogate(s)					
1,2-Dichloroethane-d4	105	106	1		70-130
Toluene-d8	98	99	1		70-130
4-Bromofluorobenzene	96	99	3		70-130
Dibromofluoromethane	103	102	1		70-130

ALPHA ANALYTICAL
 QUALITY ASSURANCE BATCH MS/MSD ANALYSIS

Laboratory Job Number: L0812845

Parameter	MS %	MSD %	RPD	RPD Limit	MS/MSD Limits
Volatile Organics by EPA 8260B for sample(s) 01-11 (L0812845-02, WG335231-5)					
Chlorobenzene	97	91	6	20	75-130
Benzene	97	90	7	20	76-127
Toluene	98	92	6	20	76-125
1,1-Dichloroethene	97	83	16	20	61-145
Trichloroethene	96	88	9	20	71-120
Surrogate(s)					
1,2-Dichloroethane-d4	104	104	0		70-130
Toluene-d8	100	100	0		70-130
4-Bromofluorobenzene	97	97	0		70-130
Dibromofluoromethane	101	102	1		70-130

ALPHA ANALYTICAL
 QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0812845

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Blank Analysis for sample(s) 01-11 (WG335231-3)							
Volatile Organics by EPA 8260B				1 8260B	0904 16:54 PD		
Methylene chloride	ND	ug/l	5.0				
1,1-Dichloroethane	ND	ug/l	0.75				
Chloroform	ND	ug/l	0.75				
Carbon tetrachloride	ND	ug/l	0.50				
1,2-Dichloropropane	ND	ug/l	1.8				
Dibromochloromethane	ND	ug/l	0.50				
1,1,2-Trichloroethane	ND	ug/l	0.75				
Tetrachloroethene	ND	ug/l	0.50				
Chlorobenzene	ND	ug/l	0.50				
Trichlorofluoromethane	ND	ug/l	2.5				
1,2-Dichloroethane	ND	ug/l	0.50				
1,1,1-Trichloroethane	ND	ug/l	0.50				
Bromodichloromethane	ND	ug/l	0.50				
trans-1,3-Dichloropropene	ND	ug/l	0.50				
cis-1,3-Dichloropropene	ND	ug/l	0.50				
1,1-Dichloropropene	ND	ug/l	2.5				
Bromoform	ND	ug/l	2.0				
1,1,2,2-Tetrachloroethane	ND	ug/l	0.50				
Benzene	ND	ug/l	0.50				
Toluene	ND	ug/l	0.75				
Ethylbenzene	ND	ug/l	0.50				
Chloromethane	ND	ug/l	2.5				
Bromomethane	ND	ug/l	1.0				
Vinyl chloride	ND	ug/l	1.0				
Chloroethane	ND	ug/l	1.0				
1,1-Dichloroethene	ND	ug/l	0.50				
trans-1,2-Dichloroethene	ND	ug/l	0.75				
Trichloroethene	ND	ug/l	0.50				
1,2-Dichlorobenzene	ND	ug/l	2.5				
1,3-Dichlorobenzene	ND	ug/l	2.5				
1,4-Dichlorobenzene	ND	ug/l	2.5				
Methyl tert butyl ether	ND	ug/l	1.0				
p/m-Xylene	ND	ug/l	1.0				
o-Xylene	ND	ug/l	1.0				
cis-1,2-Dichloroethene	ND	ug/l	0.50				
Dibromomethane	ND	ug/l	5.0				
1,2,3-Trichloropropane	ND	ug/l	5.0				
Acrylonitrile	ND	ug/l	5.0				
Styrene	ND	ug/l	1.0				
Dichlorodifluoromethane	ND	ug/l	5.0				
Acetone	ND	ug/l	5.0				
Carbon disulfide	ND	ug/l	5.0				
2-Butanone	ND	ug/l	5.0				
Vinyl acetate	ND	ug/l	5.0				
4-Methyl-2-pentanone	ND	ug/l	5.0				
2-Hexanone	ND	ug/l	5.0				

ALPHA ANALYTICAL
QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0812845

Continued

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Blank Analysis for sample(s) 01-11 (WG335231-3)							
Volatile Organics by EPA 8260B cont'd				1	8260B	0904 16:54 PD	
Bromochloromethane	ND	ug/l	2.5				
2,2-Dichloropropane	ND	ug/l	2.5				
1,2-Dibromoethane	ND	ug/l	2.0				
1,3-Dichloropropane	ND	ug/l	2.5				
1,1,1,2-Tetrachloroethane	ND	ug/l	0.50				
Bromobenzene	ND	ug/l	2.5				
n-Butylbenzene	ND	ug/l	0.50				
sec-Butylbenzene	ND	ug/l	0.50				
tert-Butylbenzene	ND	ug/l	2.5				
o-Chlorotoluene	ND	ug/l	2.5				
p-Chlorotoluene	ND	ug/l	2.5				
1,2-Dibromo-3-chloropropane	ND	ug/l	2.5				
Hexachlorobutadiene	ND	ug/l	0.60				
Isopropylbenzene	ND	ug/l	0.50				
p-Isopropyltoluene	ND	ug/l	0.50				
Naphthalene	ND	ug/l	2.5				
n-Propylbenzene	ND	ug/l	0.50				
1,2,3-Trichlorobenzene	ND	ug/l	2.5				
1,2,4-Trichlorobenzene	ND	ug/l	2.5				
1,3,5-Trimethylbenzene	ND	ug/l	2.5				
1,2,4-Trimethylbenzene	ND	ug/l	2.5				
1,4-Diethylbenzene	ND	ug/l	2.0				
4-Ethyltoluene	ND	ug/l	2.0				
1,2,4,5-Tetramethylbenzene	ND	ug/l	2.0				
Surrogate(s)	Recovery					QC Criteria	
1,2-Dichloroethane-d4	105	%				70-130	
Toluene-d8	100	%				70-130	
4-Bromofluorobenzene	99.0	%				70-130	
Dibromofluoromethane	98.0	%				70-130	
Blank Analysis for sample(s) 08 (WG335231-8)							
Volatile Organics by EPA 8260B				1	8260B	0905 09:33 PD	
Methylene chloride	ND	ug/l	5.0				
1,1-Dichloroethane	ND	ug/l	0.75				
Chloroform	ND	ug/l	0.75				
Carbon tetrachloride	ND	ug/l	0.50				
1,2-Dichloropropane	ND	ug/l	1.8				
Dibromochloromethane	ND	ug/l	0.50				
1,1,2-Trichloroethane	ND	ug/l	0.75				
Tetrachloroethene	ND	ug/l	0.50				
Chlorobenzene	ND	ug/l	0.50				
Trichlorofluoromethane	ND	ug/l	2.5				
1,2-Dichloroethane	ND	ug/l	0.50				
1,1,1-Trichloroethane	ND	ug/l	0.50				
Bromodichloromethane	ND	ug/l	0.50				

ALPHA ANALYTICAL
QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0812845

Continued

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Blank Analysis for sample(s) 08 (WG335231-8)							
Volatile Organics by EPA 8260B cont'd				1	8260B	0905 09:33 PD	
trans-1,3-Dichloropropene	ND	ug/l	0.50				
cis-1,3-Dichloropropene	ND	ug/l	0.50				
1,1-Dichloropropene	ND	ug/l	2.5				
Bromoform	ND	ug/l	2.0				
1,1,2,2-Tetrachloroethane	ND	ug/l	0.50				
Benzene	ND	ug/l	0.50				
Toluene	ND	ug/l	0.75				
Ethylbenzene	ND	ug/l	0.50				
Chloromethane	ND	ug/l	2.5				
Bromomethane	ND	ug/l	1.0				
Vinyl chloride	ND	ug/l	1.0				
Chloroethane	ND	ug/l	1.0				
1,1-Dichloroethene	ND	ug/l	0.50				
trans-1,2-Dichloroethene	ND	ug/l	0.75				
Trichloroethene	ND	ug/l	0.50				
1,2-Dichlorobenzene	ND	ug/l	2.5				
1,3-Dichlorobenzene	ND	ug/l	2.5				
1,4-Dichlorobenzene	ND	ug/l	2.5				
Methyl tert butyl ether	ND	ug/l	1.0				
p/m-Xylene	ND	ug/l	1.0				
o-Xylene	ND	ug/l	1.0				
cis-1,2-Dichloroethene	ND	ug/l	0.50				
Dibromomethane	ND	ug/l	5.0				
1,2,3-Trichloropropane	ND	ug/l	5.0				
Acrylonitrile	ND	ug/l	5.0				
Styrene	ND	ug/l	1.0				
Dichlorodifluoromethane	ND	ug/l	5.0				
Acetone	ND	ug/l	5.0				
Carbon disulfide	ND	ug/l	5.0				
2-Butanone	ND	ug/l	5.0				
Vinyl acetate	ND	ug/l	5.0				
4-Methyl-2-pentanone	ND	ug/l	5.0				
2-Hexanone	ND	ug/l	5.0				
Bromochloromethane	ND	ug/l	2.5				
2,2-Dichloropropane	ND	ug/l	2.5				
1,2-Dibromoethane	ND	ug/l	2.0				
1,3-Dichloropropane	ND	ug/l	2.5				
1,1,1,2-Tetrachloroethane	ND	ug/l	0.50				
Bromobenzene	ND	ug/l	2.5				
n-Butylbenzene	ND	ug/l	0.50				
sec-Butylbenzene	ND	ug/l	0.50				
tert-Butylbenzene	ND	ug/l	2.5				
o-Chlorotoluene	ND	ug/l	2.5				
p-Chlorotoluene	ND	ug/l	2.5				
1,2-Dibromo-3-chloropropane	ND	ug/l	2.5				
Hexachlorobutadiene	ND	ug/l	0.60				

ALPHA ANALYTICAL
 QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0812845

Continued

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Blank Analysis for sample(s) 08 (WG335231-8)							
Volatile Organics by EPA 8260B cont'd				1	8260B	0905	09:33 PD
Isopropylbenzene	ND	ug/l	0.50				
p-Isopropyltoluene	ND	ug/l	0.50				
Naphthalene	ND	ug/l	2.5				
n-Propylbenzene	ND	ug/l	0.50				
1,2,3-Trichlorobenzene	ND	ug/l	2.5				
1,2,4-Trichlorobenzene	ND	ug/l	2.5				
1,3,5-Trimethylbenzene	ND	ug/l	2.5				
1,2,4-Trimethylbenzene	ND	ug/l	2.5				
1,4-Diethylbenzene	ND	ug/l	2.0				
4-Ethyltoluene	ND	ug/l	2.0				
1,2,4,5-Tetramethylbenzene	ND	ug/l	2.0				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	104	%		70-130			
Toluene-d8	99.0	%		70-130			
4-Bromofluorobenzene	102	%		70-130			
Dibromofluoromethane	99.0	%		70-130			

**ALPHA ANALYTICAL
ADDENDUM I**

REFERENCES

1. Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IIIA, 1997.

GLOSSARY OF TERMS AND SYMBOLS

REF	Reference number in which test method may be found.
METHOD	Method number by which analysis was performed.
ID	Initials of the analyst.
ND	Not detected in comparison to the reported detection limit.
NI	Not Ignitable.
ug/cart	Micrograms per Cartridge.
H	The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

LIMITATION OF LIABILITIES

Alpha Analytical, Inc. performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical, Inc., shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical, Inc. be held liable for any incidental consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical, Inc.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding times and splitting of samples in the field.



CHAIN OF CUSTODY

PAGE 1 OF 2

Westborough, MA
TEL: 508-898-9220
FAX: 508-898-9193

Manfield, MA
TEL: 508-822-9300
FAX: 508-822-3288

Project Information

Project Name:

Project Location: Y-100 Back Ave, Keokuk, IA

Project #:

Project Manager: Kris Almskog

ALPHA Quote #:

Turn-Around Time

Standard Rush (OIL Y IF PRE-APPROVED)

Date: 9/8/08

Time:

Other Project Specific Requirements/Comments/Detection Limits:

NYSDEC ASPB Deliverables

Date Rec'd in Lab:

8/29/08

ALPHA Job #: LO812845

Report Information Data Deliverables

FAX EMAIL

ADEX Add'l Deliverables

Regulatory Requirements/Report Limits

State/Fed Program

NYSDEC ASP Cat 3 Deliv m b l r s

MCP PRESUMPTIVE CERTAINTY-CT REASONABLE CONFIDENCE PROTOCOL

Yes No No No

Are MCP Analytical Methods Required? Yes No

Are CT RCP (Reasonable Confidence Protocol) Required? Yes No

ANALYSIS

SAMPLE HANDLING

Filtration Done Not Needed

Preservation Lab to do Lab to do

(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials
		Date	Time		

12845.1	PWG-VP-2008-04 (16-20')	8/26/08	1045	L	TCL
2	(36-40')		1130		
2	(36-40')MS		1130		
2	(36-40')MSD		1130		
3	(56-60')		1500		
3	(76-80')		1615		
5	(96-100')	8/27/08	1120		
6	PWG-VP-2008-03 (16-20')		1320		
7	(36-40')		1350		
7	(56-60')		1500		

TCL VOCs 8260

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By:

[Signature] Renner Law

Container Type

4Dm

Preservative

HCL

Date/Time

8/29/08 11:45

Received By:

[Signature]

Date/Time

8/29/08 11:45

Please print clearly, legibly and completely. Samples cannot be logged in and turnaround time clock will not start until all ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms.

FORM NO. 01-010
REV. 30-04-07

[Signatures]
8/29/08 11:45
8/29/08 17:10
8/29/08 17:10



CHAIN OF CUSTODY

Westborough, MA
TEL: 508-898-9220
FAX: 508-898-9193

Project Name:

Mansfield, MA
TEL: 508-822-9300
FAX: 508-822-3288

Project Location: 80-100 Banks Ave, Rockville Centre

Client Information

Client: P.W. Grosser
Address: 630 Johnson Avenue, Suite 7
Bohemia, NY 11716
Phone: 631-589-6353

Project # AVB0801
Project Manager: Mrs Almskog
Alpha Quote #:
Turn-Around Time

Fax: 631-589-8705
Email:
Due Date: 9/11/08
Time:
Standard Rush
Other Project Specific Requirements/Comments/Detection Limits:

Date Rec'd in Lab: 8/29/08
Report Information Data Deliverables
 FAX EMAIL
 ADEx Add'l Deliverables

ALPHA Job #: L08172848
Billing Information
 Same as Client Info
PO #:

Regulatory Requirements/Report Limits
State/Fed Program
MCP PRESUMPTIVE CERTAINTY-CT REASONABLE CONFIDENCE PROTOCOL

Criteria
Are MCP Analytical Methods Required? Yes No
Are CT RCP (Reasonable Confidence Protocols) Required? Yes No

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials
		Date	Time		
12845-9	TB-01	8/21/08	1200	L	RG
	FB-01	8/26/08	1030	↓	TM
	PWG-VP-2008-03(76-801)	8/27/08	1705	↓	MSB

ANALYSIS	TCL VOC	8260
SAMPLE HANDLING Filtration <input type="checkbox"/> Done <input type="checkbox"/> Not Needed <input checked="" type="checkbox"/> Preservation <input type="checkbox"/> Lab to do <input type="checkbox"/> Lab to do <input type="checkbox"/> (Please specify below)		

Relinquished By:	Container Type	Preservative	Date/Time	Received By:	Date/Time
[Signature]	40ml	HCL	8/29/08	[Signature]	8/29/08

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP OR CT RCP?

Relinquished By: [Signature] 8/29/08

Received By: [Signature] 8/29/08

Container Type: 40ml
Preservative: HCL
Date/Time: 8/29/08

Please print clearly, legibly and completely. Samples not be logged in and turnaround time clock will start until any ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms.

ALPHA ANALYTICAL

Eight Walkup Drive
Westborough, Massachusetts 01581-1019
(508) 898-9220 www.alphalab.com

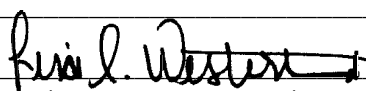
MA:M-MA086 NH:2003 CT:PH-0574 ME:MA0086 RI:LAO00065 NY:11148 NJ:MA935 Army:USACE

CERTIFICATE OF ANALYSIS

Client: P.W. Grosser Laboratory Job Number: L0812904
Address: 630 Johnson Avenue Date Received: 30-AUG-2008
Suite 7 Date Reported: 08-SEP-2008
Bohemia, NY 11716 Delivery Method: FedEx
Attn: Mr. Kris Almskog Site:
Project Number: AVB0801

ALPHA SAMPLE NUMBER	CLIENT IDENTIFICATION	SAMPLE LOCATION
L0812904-01	TP-02	80-100 BANKS AVE.
L0812904-02	PWG-VP-2008-03 (96-100')	80-100 BANKS AVE.
L0812904-03	PWG-VP-2008-02 (16-20')	80-100 BANKS AVE.
L0812904-04	PWG-VP-2008-02 (36-40')	80-100 BANKS AVE.
L0812904-05	PWG-VP-2008-02 (56-60')	80-100 BANKS AVE.
L0812904-06	PWG-VP-2008-02 (76-80')	80-100 BANKS AVE.
L0812904-07	PWG-VP-2008-02 (96-100')	80-100 BANKS AVE.
L0812904-08	PWG-VP-2008-01 (16-20')	80-100 BANKS AVE.
L0812904-09	PWG-VP-2008-01 (36-40')	80-100 BANKS AVE.
L0812904-10	PWG-VP-2008-01 (56-60')	80-100 BANKS AVE.
L0812904-11	PWG-VP-2008-01 (76-80')	80-100 BANKS AVE.
L0812904-12	PWG-VP-2008-01 (96-100')	80-100 BANKS AVE.

I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized by: 
Technical Representative

ALPHA ANALYTICAL
NARRATIVE REPORT

Laboratory Job Number: L0812904

The samples were received in accordance with the chain of custody and no significant deviations were encountered during preparation or analysis unless otherwise noted below.

Sample Receipt

Headspace was noted in both of the sample containers submitted for Volatile Organics for samples "PWG-VP-2008-03 (96-100')", "PWG-VP-2008-02 (56-60')", "PWG-VP-2008-02 (96-100')", and "PWG-VP-2008-01 (96-100)"; and in one of the sample containers for samples "PWG-VP-2008-01 (36-40)" and "PWG-VP-2008-01 (76-80)". The analysis was performed at the client's request.

Volatile Organics

The following samples have elevated detection limits due to the dilutions required by the elevated concentrations of target compounds in the samples:

L0812904-03: 5x

L0812904-04: 100x

L0812904-05: 2.5x

L0812904-06, -07, -12: 2x

L0812904-05 and -07 required re-analysis on 10x dilutions in order to quantitate the samples within the calibration range. The result is reported as a "greater than" value for the compound that exceeded the calibration on the initial analysis. The re-analysis was performed only for the compound which exceeded the calibration range.

ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS

MA:M-MA086 NH:2003 CT:PH-0574 ME:MA0086 RI:LAO00065 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0812904-01	Date Collected: 21-AUG-2008 12:00
TP-02	Date Received : 30-AUG-2008
Sample Matrix: WATER	Date Reported : 08-SEP-2008
Condition of Sample: Satisfactory	Field Prep: None
Number & Type of Containers: 2-Vial	

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP ANAL	ID
Volatile Organics by EPA 8260B				1 8260B	0905 01:43 PD	
Methylene chloride	ND	ug/l	5.0			
1,1-Dichloroethane	ND	ug/l	0.75			
Chloroform	ND	ug/l	0.75			
Carbon tetrachloride	ND	ug/l	0.50			
1,2-Dichloropropane	ND	ug/l	1.8			
Dibromochloromethane	ND	ug/l	0.50			
1,1,2-Trichloroethane	ND	ug/l	0.75			
Tetrachloroethene	ND	ug/l	0.50			
Chlorobenzene	ND	ug/l	0.50			
Trichlorofluoromethane	ND	ug/l	2.5			
1,2-Dichloroethane	ND	ug/l	0.50			
1,1,1-Trichloroethane	ND	ug/l	0.50			
Bromodichloromethane	ND	ug/l	0.50			
trans-1,3-Dichloropropene	ND	ug/l	0.50			
cis-1,3-Dichloropropene	ND	ug/l	0.50			
1,1-Dichloropropene	ND	ug/l	2.5			
Bromoform	ND	ug/l	2.0			
1,1,2,2-Tetrachloroethane	ND	ug/l	0.50			
Benzene	ND	ug/l	0.50			
Toluene	ND	ug/l	0.75			
Ethylbenzene	ND	ug/l	0.50			
Chloromethane	ND	ug/l	2.5			
Bromomethane	ND	ug/l	1.0			
Vinyl chloride	ND	ug/l	1.0			
Chloroethane	ND	ug/l	1.0			
1,1-Dichloroethene	ND	ug/l	0.50			
trans-1,2-Dichloroethene	ND	ug/l	0.75			
Trichloroethene	ND	ug/l	0.50			
1,2-Dichlorobenzene	ND	ug/l	2.5			
1,3-Dichlorobenzene	ND	ug/l	2.5			
1,4-Dichlorobenzene	ND	ug/l	2.5			
Methyl tert butyl ether	ND	ug/l	1.0			
p/m-Xylene	ND	ug/l	1.0			
o-Xylene	ND	ug/l	1.0			
cis-1,2-Dichloroethene	ND	ug/l	0.50			
Dibromomethane	ND	ug/l	5.0			
1,2,3-Trichloropropane	ND	ug/l	5.0			
Acrylonitrile	ND	ug/l	5.0			

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0812904-01
TP-02

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0905 01:43 PD	
Styrene	ND	ug/l	1.0				
Dichlorodifluoromethane	ND	ug/l	5.0				
Acetone	ND	ug/l	5.0				
Carbon disulfide	ND	ug/l	5.0				
2-Butanone	ND	ug/l	5.0				
Vinyl acetate	ND	ug/l	5.0				
4-Methyl-2-pentanone	ND	ug/l	5.0				
2-Hexanone	ND	ug/l	5.0				
Bromochloromethane	ND	ug/l	2.5				
2,2-Dichloropropane	ND	ug/l	2.5				
1,2-Dibromoethane	ND	ug/l	2.0				
1,3-Dichloropropane	ND	ug/l	2.5				
1,1,1,2-Tetrachloroethane	ND	ug/l	0.50				
Bromobenzene	ND	ug/l	2.5				
n-Butylbenzene	ND	ug/l	0.50				
sec-Butylbenzene	ND	ug/l	0.50				
tert-Butylbenzene	ND	ug/l	2.5				
o-Chlorotoluene	ND	ug/l	2.5				
p-Chlorotoluene	ND	ug/l	2.5				
1,2-Dibromo-3-chloropropane	ND	ug/l	2.5				
Hexachlorobutadiene	ND	ug/l	0.60				
Isopropylbenzene	ND	ug/l	0.50				
p-Isopropyltoluene	ND	ug/l	0.50				
Naphthalene	ND	ug/l	2.5				
n-Propylbenzene	ND	ug/l	0.50				
1,2,3-Trichlorobenzene	ND	ug/l	2.5				
1,2,4-Trichlorobenzene	ND	ug/l	2.5				
1,3,5-Trimethylbenzene	ND	ug/l	2.5				
1,2,4-Trimethylbenzene	ND	ug/l	2.5				
1,4-Diethylbenzene	ND	ug/l	2.0				
4-Ethyltoluene	ND	ug/l	2.0				
1,2,4,5-Tetramethylbenzene	ND	ug/l	2.0				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	101	%		70-130			
Toluene-d8	99.0	%		70-130			
4-Bromofluorobenzene	102	%		70-130			
Dibromofluoromethane	99.0	%		70-130			

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

MA:M-MA086 NH:2003 CT:PH-0574 ME:MA0086 RI:LAO00065 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0812904-02 **Date Collected:** 28-AUG-2008 10:20
Date Received : 30-AUG-2008
 PWG-VP-2008-03 (96-100') **Date Reported :** 08-SEP-2008
Sample Matrix: WATER
Condition of Sample: Satisfactory **Field Prep:** None
Number & Type of Containers: 2-Vial

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B				1	8260B	0905	02:20 PD
Methylene chloride	ND	ug/l	5.0				
1,1-Dichloroethane	ND	ug/l	0.75				
Chloroform	ND	ug/l	0.75				
Carbon tetrachloride	ND	ug/l	0.50				
1,2-Dichloropropane	ND	ug/l	1.8				
Dibromochloromethane	ND	ug/l	0.50				
1,1,2-Trichloroethane	ND	ug/l	0.75				
Tetrachloroethene	27	ug/l	0.50				
Chlorobenzene	ND	ug/l	0.50				
Trichlorofluoromethane	ND	ug/l	2.5				
1,2-Dichloroethane	ND	ug/l	0.50				
1,1,1-Trichloroethane	ND	ug/l	0.50				
Bromodichloromethane	ND	ug/l	0.50				
trans-1,3-Dichloropropene	ND	ug/l	0.50				
cis-1,3-Dichloropropene	ND	ug/l	0.50				
1,1-Dichloropropene	ND	ug/l	2.5				
Bromoform	ND	ug/l	2.0				
1,1,2,2-Tetrachloroethane	ND	ug/l	0.50				
Benzene	ND	ug/l	0.50				
Toluene	1.1	ug/l	0.75				
Ethylbenzene	ND	ug/l	0.50				
Chloromethane	ND	ug/l	2.5				
Bromomethane	ND	ug/l	1.0				
Vinyl chloride	ND	ug/l	1.0				
Chloroethane	ND	ug/l	1.0				
1,1-Dichloroethene	ND	ug/l	0.50				
trans-1,2-Dichloroethene	ND	ug/l	0.75				
Trichloroethene	1.3	ug/l	0.50				
1,2-Dichlorobenzene	ND	ug/l	2.5				
1,3-Dichlorobenzene	ND	ug/l	2.5				
1,4-Dichlorobenzene	ND	ug/l	2.5				
Methyl tert butyl ether	ND	ug/l	1.0				
p/m-Xylene	ND	ug/l	1.0				
o-Xylene	ND	ug/l	1.0				
cis-1,2-Dichloroethene	8.8	ug/l	0.50				
Dibromomethane	ND	ug/l	5.0				
1,2,3-Trichloropropane	ND	ug/l	5.0				
Acrylonitrile	ND	ug/l	5.0				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0812904-02
PWG-VP-2008-03 (96-100')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0905 02:20 PD	
Styrene	ND	ug/l	1.0				
Dichlorodifluoromethane	ND	ug/l	5.0				
Acetone	7.1	ug/l	5.0				
Carbon disulfide	ND	ug/l	5.0				
2-Butanone	ND	ug/l	5.0				
Vinyl acetate	ND	ug/l	5.0				
4-Methyl-2-pentanone	ND	ug/l	5.0				
2-Hexanone	ND	ug/l	5.0				
Bromochloromethane	ND	ug/l	2.5				
2,2-Dichloropropane	ND	ug/l	2.5				
1,2-Dibromoethane	ND	ug/l	2.0				
1,3-Dichloropropane	ND	ug/l	2.5				
1,1,1,2-Tetrachloroethane	ND	ug/l	0.50				
Bromobenzene	ND	ug/l	2.5				
n-Butylbenzene	ND	ug/l	0.50				
sec-Butylbenzene	ND	ug/l	0.50				
tert-Butylbenzene	ND	ug/l	2.5				
o-Chlorotoluene	ND	ug/l	2.5				
p-Chlorotoluene	ND	ug/l	2.5				
1,2-Dibromo-3-chloropropane	ND	ug/l	2.5				
Hexachlorobutadiene	ND	ug/l	0.60				
Isopropylbenzene	ND	ug/l	0.50				
p-Isopropyltoluene	ND	ug/l	0.50				
Naphthalene	ND	ug/l	2.5				
n-Propylbenzene	ND	ug/l	0.50				
1,2,3-Trichlorobenzene	ND	ug/l	2.5				
1,2,4-Trichlorobenzene	ND	ug/l	2.5				
1,3,5-Trimethylbenzene	ND	ug/l	2.5				
1,2,4-Trimethylbenzene	ND	ug/l	2.5				
1,4-Diethylbenzene	ND	ug/l	2.0				
4-Ethyltoluene	ND	ug/l	2.0				
1,2,4,5-Tetramethylbenzene	ND	ug/l	2.0				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	103	%		70-130			
Toluene-d8	99.0	%		70-130			
4-Bromofluorobenzene	102	%		70-130			
Dibromofluoromethane	99.0	%		70-130			

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS

MA:M-MA086 NH:2003 CT:PH-0574 ME:MA0086 RI:LAO00065 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number:	L0812904-03	Date Collected:	28-AUG-2008 12:30
	PWG-VP-2008-02 (16-20')	Date Received :	30-AUG-2008
Sample Matrix:	WATER	Date Reported :	08-SEP-2008
Condition of Sample:	Satisfactory	Field Prep:	None
Number & Type of Containers:	2-Vial		

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP ANAL	ID
Volatile Organics by EPA 8260B				1 8260B	0905 02:57 PD	
Methylene chloride	ND	ug/l	25.			
1,1-Dichloroethane	ND	ug/l	3.8			
Chloroform	ND	ug/l	3.8			
Carbon tetrachloride	ND	ug/l	2.5			
1,2-Dichloropropane	ND	ug/l	8.8			
Dibromochloromethane	ND	ug/l	2.5			
1,1,2-Trichloroethane	ND	ug/l	3.8			
Tetrachloroethene	210	ug/l	2.5			
Chlorobenzene	ND	ug/l	2.5			
Trichlorofluoromethane	ND	ug/l	12.			
1,2-Dichloroethane	ND	ug/l	2.5			
1,1,1-Trichloroethane	ND	ug/l	2.5			
Bromodichloromethane	ND	ug/l	2.5			
trans-1,3-Dichloropropene	ND	ug/l	2.5			
cis-1,3-Dichloropropene	ND	ug/l	2.5			
1,1-Dichloropropene	ND	ug/l	12.			
Bromoform	ND	ug/l	10.			
1,1,2,2-Tetrachloroethane	ND	ug/l	2.5			
Benzene	ND	ug/l	2.5			
Toluene	ND	ug/l	3.8			
Ethylbenzene	ND	ug/l	2.5			
Chloromethane	ND	ug/l	12.			
Bromomethane	ND	ug/l	5.0			
Vinyl chloride	100	ug/l	5.0			
Chloroethane	ND	ug/l	5.0			
1,1-Dichloroethene	ND	ug/l	2.5			
trans-1,2-Dichloroethene	7.9	ug/l	3.8			
Trichloroethene	14	ug/l	2.5			
1,2-Dichlorobenzene	ND	ug/l	12.			
1,3-Dichlorobenzene	ND	ug/l	12.			
1,4-Dichlorobenzene	ND	ug/l	12.			
Methyl tert butyl ether	ND	ug/l	5.0			
p/m-Xylene	ND	ug/l	5.0			
o-Xylene	ND	ug/l	5.0			
cis-1,2-Dichloroethene	500	ug/l	2.5			
Dibromomethane	ND	ug/l	25.			
1,2,3-Trichloropropane	ND	ug/l	25.			
Acrylonitrile	ND	ug/l	25.			

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0812904-03
PWG-VP-2008-02 (16-20')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0905 02:57 PD	
Styrene	ND	ug/l	5.0				
Dichlorodifluoromethane	ND	ug/l	25.				
Acetone	28	ug/l	25				
Carbon disulfide	ND	ug/l	25.				
2-Butanone	ND	ug/l	25.				
Vinyl acetate	ND	ug/l	25.				
4-Methyl-2-pentanone	ND	ug/l	25.				
2-Hexanone	ND	ug/l	25.				
Bromochloromethane	ND	ug/l	12.				
2,2-Dichloropropane	ND	ug/l	12.				
1,2-Dibromoethane	ND	ug/l	10.				
1,3-Dichloropropane	ND	ug/l	12.				
1,1,1,2-Tetrachloroethane	ND	ug/l	2.5				
Bromobenzene	ND	ug/l	12.				
n-Butylbenzene	ND	ug/l	2.5				
sec-Butylbenzene	ND	ug/l	2.5				
tert-Butylbenzene	ND	ug/l	12.				
o-Chlorotoluene	ND	ug/l	12.				
p-Chlorotoluene	ND	ug/l	12.				
1,2-Dibromo-3-chloropropane	ND	ug/l	12.				
Hexachlorobutadiene	ND	ug/l	3.0				
Isopropylbenzene	ND	ug/l	2.5				
p-Isopropyltoluene	ND	ug/l	2.5				
Naphthalene	ND	ug/l	12.				
n-Propylbenzene	ND	ug/l	2.5				
1,2,3-Trichlorobenzene	ND	ug/l	12.				
1,2,4-Trichlorobenzene	ND	ug/l	12.				
1,3,5-Trimethylbenzene	ND	ug/l	12.				
1,2,4-Trimethylbenzene	ND	ug/l	12.				
1,4-Diethylbenzene	ND	ug/l	10.				
4-Ethyltoluene	ND	ug/l	10.				
1,2,4,5-Tetramethylbenzene	ND	ug/l	10.				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	103	%	70-130				
Toluene-d8	98.0	%	70-130				
4-Bromofluorobenzene	100	%	70-130				
Dibromofluoromethane	100	%	70-130				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0812904-04
PWG-VP-2008-02 (36-40')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0905 10:50 PD	
Styrene	ND	ug/l	100				
Dichlorodifluoromethane	ND	ug/l	500				
Acetone	ND	ug/l	500				
Carbon disulfide	ND	ug/l	500				
2-Butanone	ND	ug/l	500				
Vinyl acetate	ND	ug/l	500				
4-Methyl-2-pentanone	ND	ug/l	500				
2-Hexanone	ND	ug/l	500				
Bromochloromethane	ND	ug/l	250				
2,2-Dichloropropane	ND	ug/l	250				
1,2-Dibromoethane	ND	ug/l	200				
1,3-Dichloropropane	ND	ug/l	250				
1,1,1,2-Tetrachloroethane	ND	ug/l	50.				
Bromobenzene	ND	ug/l	250				
n-Butylbenzene	ND	ug/l	50.				
sec-Butylbenzene	ND	ug/l	50.				
tert-Butylbenzene	ND	ug/l	250				
o-Chlorotoluene	ND	ug/l	250				
p-Chlorotoluene	ND	ug/l	250				
1,2-Dibromo-3-chloropropane	ND	ug/l	250				
Hexachlorobutadiene	ND	ug/l	60.				
Isopropylbenzene	ND	ug/l	50.				
p-Isopropyltoluene	ND	ug/l	50.				
Naphthalene	ND	ug/l	250				
n-Propylbenzene	ND	ug/l	50.				
1,2,3-Trichlorobenzene	ND	ug/l	250				
1,2,4-Trichlorobenzene	ND	ug/l	250				
1,3,5-Trimethylbenzene	ND	ug/l	250				
1,2,4-Trimethylbenzene	ND	ug/l	250				
1,4-Diethylbenzene	ND	ug/l	200				
4-Ethyltoluene	ND	ug/l	200				
1,2,4,5-Tetramethylbenzene	ND	ug/l	200				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	106	%		70-130			
Toluene-d8	99.0	%		70-130			
4-Bromofluorobenzene	103	%		70-130			
Dibromofluoromethane	100	%		70-130			

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0812904-05
PWG-VP-2008-02 (56-60')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0905 11:29 PD	
Styrene	ND	ug/l	2.5				
Dichlorodifluoromethane	ND	ug/l	12.				
Acetone	23	ug/l	12				
Carbon disulfide	ND	ug/l	12.				
2-Butanone	ND	ug/l	12.				
Vinyl acetate	ND	ug/l	12.				
4-Methyl-2-pentanone	ND	ug/l	12.				
2-Hexanone	ND	ug/l	12.				
Bromochloromethane	ND	ug/l	6.2				
2,2-Dichloropropane	ND	ug/l	6.2				
1,2-Dibromoethane	ND	ug/l	5.0				
1,3-Dichloropropane	ND	ug/l	6.2				
1,1,1,2-Tetrachloroethane	ND	ug/l	1.2				
Bromobenzene	ND	ug/l	6.2				
n-Butylbenzene	ND	ug/l	1.2				
sec-Butylbenzene	ND	ug/l	1.2				
tert-Butylbenzene	ND	ug/l	6.2				
o-Chlorotoluene	ND	ug/l	6.2				
p-Chlorotoluene	ND	ug/l	6.2				
1,2-Dibromo-3-chloropropane	ND	ug/l	6.2				
Hexachlorobutadiene	ND	ug/l	1.5				
Isopropylbenzene	ND	ug/l	1.2				
p-Isopropyltoluene	ND	ug/l	1.2				
Naphthalene	ND	ug/l	6.2				
n-Propylbenzene	ND	ug/l	1.2				
1,2,3-Trichlorobenzene	ND	ug/l	6.2				
1,2,4-Trichlorobenzene	ND	ug/l	6.2				
1,3,5-Trimethylbenzene	ND	ug/l	6.2				
1,2,4-Trimethylbenzene	ND	ug/l	6.2				
1,4-Diethylbenzene	ND	ug/l	5.0				
4-Ethyltoluene	ND	ug/l	5.0				
1,2,4,5-Tetramethylbenzene	ND	ug/l	5.0				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	108	%		70-130			
Toluene-d8	99.0	%		70-130			
4-Bromofluorobenzene	101	%		70-130			
Dibromofluoromethane	101	%		70-130			
Volatile Organics by EPA 8260B				1	8260B	0905 15:20 PD	
Tetrachloroethene	420	ug/l	5.0				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	104	%		70-130			
Toluene-d8	99.0	%		70-130			
4-Bromofluorobenzene	101	%		70-130			
Dibromofluoromethane	101	%		70-130			

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0812904-06
PWG-VP-2008-02 (76-80')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0905 12:09 PD	
Styrene	ND	ug/l	2.0				
Dichlorodifluoromethane	ND	ug/l	10.				
Acetone	71	ug/l	10				
Carbon disulfide	ND	ug/l	10.				
2-Butanone	21	ug/l	10				
Vinyl acetate	ND	ug/l	10.				
4-Methyl-2-pentanone	ND	ug/l	10.				
2-Hexanone	ND	ug/l	10.				
Bromochloromethane	ND	ug/l	5.0				
2,2-Dichloropropane	ND	ug/l	5.0				
1,2-Dibromoethane	ND	ug/l	4.0				
1,3-Dichloropropane	ND	ug/l	5.0				
1,1,1,2-Tetrachloroethane	ND	ug/l	1.0				
Bromobenzene	ND	ug/l	5.0				
n-Butylbenzene	ND	ug/l	1.0				
sec-Butylbenzene	ND	ug/l	1.0				
tert-Butylbenzene	ND	ug/l	5.0				
o-Chlorotoluene	ND	ug/l	5.0				
p-Chlorotoluene	ND	ug/l	5.0				
1,2-Dibromo-3-chloropropane	ND	ug/l	5.0				
Hexachlorobutadiene	ND	ug/l	1.2				
Isopropylbenzene	ND	ug/l	1.0				
p-Isopropyltoluene	ND	ug/l	1.0				
Naphthalene	ND	ug/l	5.0				
n-Propylbenzene	ND	ug/l	1.0				
1,2,3-Trichlorobenzene	ND	ug/l	5.0				
1,2,4-Trichlorobenzene	ND	ug/l	5.0				
1,3,5-Trimethylbenzene	ND	ug/l	5.0				
1,2,4-Trimethylbenzene	ND	ug/l	5.0				
1,4-Diethylbenzene	ND	ug/l	4.0				
4-Ethyltoluene	ND	ug/l	4.0				
1,2,4,5-Tetramethylbenzene	ND	ug/l	4.0				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	107	%		70-130			
Toluene-d8	100	%		70-130			
4-Bromofluorobenzene	99.0	%		70-130			
Dibromofluoromethane	100	%		70-130			

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0812904-07
PWG-VP-2008-02 (96-100')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0905 12:48 PD	
Styrene	ND	ug/l	2.0				
Dichlorodifluoromethane	ND	ug/l	10.				
Acetone	36	ug/l	10				
Carbon disulfide	ND	ug/l	10.				
2-Butanone	ND	ug/l	10.				
Vinyl acetate	ND	ug/l	10.				
4-Methyl-2-pentanone	ND	ug/l	10.				
2-Hexanone	ND	ug/l	10.				
Bromochloromethane	ND	ug/l	5.0				
2,2-Dichloropropane	ND	ug/l	5.0				
1,2-Dibromoethane	ND	ug/l	4.0				
1,3-Dichloropropane	ND	ug/l	5.0				
1,1,1,2-Tetrachloroethane	ND	ug/l	1.0				
Bromobenzene	ND	ug/l	5.0				
n-Butylbenzene	ND	ug/l	1.0				
sec-Butylbenzene	ND	ug/l	1.0				
tert-Butylbenzene	ND	ug/l	5.0				
o-Chlorotoluene	ND	ug/l	5.0				
p-Chlorotoluene	ND	ug/l	5.0				
1,2-Dibromo-3-chloropropane	ND	ug/l	5.0				
Hexachlorobutadiene	ND	ug/l	1.2				
Isopropylbenzene	ND	ug/l	1.0				
p-Isopropyltoluene	ND	ug/l	1.0				
Naphthalene	ND	ug/l	5.0				
n-Propylbenzene	ND	ug/l	1.0				
1,2,3-Trichlorobenzene	ND	ug/l	5.0				
1,2,4-Trichlorobenzene	ND	ug/l	5.0				
1,3,5-Trimethylbenzene	ND	ug/l	5.0				
1,2,4-Trimethylbenzene	ND	ug/l	5.0				
1,4-Diethylbenzene	ND	ug/l	4.0				
4-Ethyltoluene	ND	ug/l	4.0				
1,2,4,5-Tetramethylbenzene	ND	ug/l	4.0				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	109	%		70-130			
Toluene-d8	100	%		70-130			
4-Bromofluorobenzene	99.0	%		70-130			
Dibromofluoromethane	101	%		70-130			
Volatile Organics by EPA 8260B				1	8260B	0905 15:57 PD	
Tetrachloroethene	280	ug/l	5.0				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	103	%		70-130			
Toluene-d8	99.0	%		70-130			
4-Bromofluorobenzene	101	%		70-130			
Dibromofluoromethane	99.0	%		70-130			

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0812904-08
PWG-VP-2008-01 (16-20')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0905 13:28 PD	
Styrene	ND	ug/l	1.0				
Dichlorodifluoromethane	ND	ug/l	5.0				
Acetone	13	ug/l	5.0				
Carbon disulfide	ND	ug/l	5.0				
2-Butanone	10	ug/l	5.0				
Vinyl acetate	ND	ug/l	5.0				
4-Methyl-2-pentanone	ND	ug/l	5.0				
2-Hexanone	ND	ug/l	5.0				
Bromochloromethane	ND	ug/l	2.5				
2,2-Dichloropropane	ND	ug/l	2.5				
1,2-Dibromoethane	ND	ug/l	2.0				
1,3-Dichloropropane	ND	ug/l	2.5				
1,1,1,2-Tetrachloroethane	ND	ug/l	0.50				
Bromobenzene	ND	ug/l	2.5				
n-Butylbenzene	ND	ug/l	0.50				
sec-Butylbenzene	ND	ug/l	0.50				
tert-Butylbenzene	ND	ug/l	2.5				
o-Chlorotoluene	ND	ug/l	2.5				
p-Chlorotoluene	ND	ug/l	2.5				
1,2-Dibromo-3-chloropropane	ND	ug/l	2.5				
Hexachlorobutadiene	ND	ug/l	0.60				
Isopropylbenzene	ND	ug/l	0.50				
p-Isopropyltoluene	ND	ug/l	0.50				
Naphthalene	ND	ug/l	2.5				
n-Propylbenzene	ND	ug/l	0.50				
1,2,3-Trichlorobenzene	ND	ug/l	2.5				
1,2,4-Trichlorobenzene	ND	ug/l	2.5				
1,3,5-Trimethylbenzene	ND	ug/l	2.5				
1,2,4-Trimethylbenzene	ND	ug/l	2.5				
1,4-Diethylbenzene	ND	ug/l	2.0				
4-Ethyltoluene	ND	ug/l	2.0				
1,2,4,5-Tetramethylbenzene	ND	ug/l	2.0				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	108	%		70-130			
Toluene-d8	99.0	%		70-130			
4-Bromofluorobenzene	98.0	%		70-130			
Dibromofluoromethane	101	%		70-130			

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS

MA:M-MA086 NH:2003 CT:PH-0574 ME:MA0086 RI:LAO00065 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0812904-09	Date Collected: 29-AUG-2008 08:40
PWG-VP-2008-01 (36-40')	Date Received : 30-AUG-2008
Sample Matrix: WATER	Date Reported : 08-SEP-2008
Condition of Sample: Satisfactory	Field Prep: None
Number & Type of Containers: 2-Vial	

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP ANAL	ID
Volatile Organics by EPA 8260B				1 8260B	0905 14:07 PD	
Methylene chloride	ND	ug/l	5.0			
1,1-Dichloroethane	ND	ug/l	0.75			
Chloroform	ND	ug/l	0.75			
Carbon tetrachloride	ND	ug/l	0.50			
1,2-Dichloropropane	ND	ug/l	1.8			
Dibromochloromethane	ND	ug/l	0.50			
1,1,2-Trichloroethane	ND	ug/l	0.75			
Tetrachloroethene	13	ug/l	0.50			
Chlorobenzene	ND	ug/l	0.50			
Trichlorofluoromethane	ND	ug/l	2.5			
1,2-Dichloroethane	ND	ug/l	0.50			
1,1,1-Trichloroethane	ND	ug/l	0.50			
Bromodichloromethane	ND	ug/l	0.50			
trans-1,3-Dichloropropene	ND	ug/l	0.50			
cis-1,3-Dichloropropene	ND	ug/l	0.50			
1,1-Dichloropropene	ND	ug/l	2.5			
Bromoform	ND	ug/l	2.0			
1,1,2,2-Tetrachloroethane	ND	ug/l	0.50			
Benzene	ND	ug/l	0.50			
Toluene	ND	ug/l	0.75			
Ethylbenzene	ND	ug/l	0.50			
Chloromethane	ND	ug/l	2.5			
Bromomethane	ND	ug/l	1.0			
Vinyl chloride	ND	ug/l	1.0			
Chloroethane	ND	ug/l	1.0			
1,1-Dichloroethene	ND	ug/l	0.50			
trans-1,2-Dichloroethene	ND	ug/l	0.75			
Trichloroethene	1.4	ug/l	0.50			
1,2-Dichlorobenzene	ND	ug/l	2.5			
1,3-Dichlorobenzene	ND	ug/l	2.5			
1,4-Dichlorobenzene	ND	ug/l	2.5			
Methyl tert butyl ether	ND	ug/l	1.0			
p/m-Xylene	ND	ug/l	1.0			
o-Xylene	ND	ug/l	1.0			
cis-1,2-Dichloroethene	ND	ug/l	0.50			
Dibromomethane	ND	ug/l	5.0			
1,2,3-Trichloropropane	ND	ug/l	5.0			
Acrylonitrile	ND	ug/l	5.0			

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0812904-09
PWG-VP-2008-01 (36-40')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0905 14:07 PD	
Styrene	ND	ug/l	1.0				
Dichlorodifluoromethane	ND	ug/l	5.0				
Acetone	11	ug/l	5.0				
Carbon disulfide	ND	ug/l	5.0				
2-Butanone	16	ug/l	5.0				
Vinyl acetate	ND	ug/l	5.0				
4-Methyl-2-pentanone	ND	ug/l	5.0				
2-Hexanone	ND	ug/l	5.0				
Bromochloromethane	ND	ug/l	2.5				
2,2-Dichloropropane	ND	ug/l	2.5				
1,2-Dibromoethane	ND	ug/l	2.0				
1,3-Dichloropropane	ND	ug/l	2.5				
1,1,1,2-Tetrachloroethane	ND	ug/l	0.50				
Bromobenzene	ND	ug/l	2.5				
n-Butylbenzene	ND	ug/l	0.50				
sec-Butylbenzene	ND	ug/l	0.50				
tert-Butylbenzene	ND	ug/l	2.5				
o-Chlorotoluene	ND	ug/l	2.5				
p-Chlorotoluene	ND	ug/l	2.5				
1,2-Dibromo-3-chloropropane	ND	ug/l	2.5				
Hexachlorobutadiene	ND	ug/l	0.60				
Isopropylbenzene	ND	ug/l	0.50				
p-Isopropyltoluene	ND	ug/l	0.50				
Naphthalene	ND	ug/l	2.5				
n-Propylbenzene	ND	ug/l	0.50				
1,2,3-Trichlorobenzene	ND	ug/l	2.5				
1,2,4-Trichlorobenzene	ND	ug/l	2.5				
1,3,5-Trimethylbenzene	ND	ug/l	2.5				
1,2,4-Trimethylbenzene	ND	ug/l	2.5				
1,4-Diethylbenzene	ND	ug/l	2.0				
4-Ethyltoluene	ND	ug/l	2.0				
1,2,4,5-Tetramethylbenzene	ND	ug/l	2.0				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	107	%		70-130			
Toluene-d8	99.0	%		70-130			
4-Bromofluorobenzene	98.0	%		70-130			
Dibromofluoromethane	100	%		70-130			

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0812904-10
PWG-VP-2008-01 (56-60')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0905 18:29 PD	
Styrene	ND	ug/l	1.0				
Dichlorodifluoromethane	ND	ug/l	5.0				
Acetone	ND	ug/l	5.0				
Carbon disulfide	ND	ug/l	5.0				
2-Butanone	ND	ug/l	5.0				
Vinyl acetate	ND	ug/l	5.0				
4-Methyl-2-pentanone	ND	ug/l	5.0				
2-Hexanone	ND	ug/l	5.0				
Bromochloromethane	ND	ug/l	2.5				
2,2-Dichloropropane	ND	ug/l	2.5				
1,2-Dibromoethane	ND	ug/l	2.0				
1,3-Dichloropropane	ND	ug/l	2.5				
1,1,1,2-Tetrachloroethane	ND	ug/l	0.50				
Bromobenzene	ND	ug/l	2.5				
n-Butylbenzene	ND	ug/l	0.50				
sec-Butylbenzene	ND	ug/l	0.50				
tert-Butylbenzene	ND	ug/l	2.5				
o-Chlorotoluene	ND	ug/l	2.5				
p-Chlorotoluene	ND	ug/l	2.5				
1,2-Dibromo-3-chloropropane	ND	ug/l	2.5				
Hexachlorobutadiene	ND	ug/l	0.60				
Isopropylbenzene	ND	ug/l	0.50				
p-Isopropyltoluene	ND	ug/l	0.50				
Naphthalene	ND	ug/l	2.5				
n-Propylbenzene	ND	ug/l	0.50				
1,2,3-Trichlorobenzene	ND	ug/l	2.5				
1,2,4-Trichlorobenzene	ND	ug/l	2.5				
1,3,5-Trimethylbenzene	ND	ug/l	2.5				
1,2,4-Trimethylbenzene	ND	ug/l	2.5				
1,4-Diethylbenzene	ND	ug/l	2.0				
4-Ethyltoluene	ND	ug/l	2.0				
1,2,4,5-Tetramethylbenzene	ND	ug/l	2.0				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	102	%	70-130				
Toluene-d8	98.0	%	70-130				
4-Bromofluorobenzene	104	%	70-130				
Dibromofluoromethane	98.0	%	70-130				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0812904-11
PWG-VP-2008-01 (76-80')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0905 19:06 PD	
Styrene	ND	ug/l	1.0				
Dichlorodifluoromethane	ND	ug/l	5.0				
Acetone	12	ug/l	5.0				
Carbon disulfide	ND	ug/l	5.0				
2-Butanone	ND	ug/l	5.0				
Vinyl acetate	ND	ug/l	5.0				
4-Methyl-2-pentanone	ND	ug/l	5.0				
2-Hexanone	ND	ug/l	5.0				
Bromochloromethane	ND	ug/l	2.5				
2,2-Dichloropropane	ND	ug/l	2.5				
1,2-Dibromoethane	ND	ug/l	2.0				
1,3-Dichloropropane	ND	ug/l	2.5				
1,1,1,2-Tetrachloroethane	ND	ug/l	0.50				
Bromobenzene	ND	ug/l	2.5				
n-Butylbenzene	ND	ug/l	0.50				
sec-Butylbenzene	ND	ug/l	0.50				
tert-Butylbenzene	ND	ug/l	2.5				
o-Chlorotoluene	ND	ug/l	2.5				
p-Chlorotoluene	ND	ug/l	2.5				
1,2-Dibromo-3-chloropropane	ND	ug/l	2.5				
Hexachlorobutadiene	ND	ug/l	0.60				
Isopropylbenzene	ND	ug/l	0.50				
p-Isopropyltoluene	ND	ug/l	0.50				
Naphthalene	ND	ug/l	2.5				
n-Propylbenzene	ND	ug/l	0.50				
1,2,3-Trichlorobenzene	ND	ug/l	2.5				
1,2,4-Trichlorobenzene	ND	ug/l	2.5				
1,3,5-Trimethylbenzene	ND	ug/l	2.5				
1,2,4-Trimethylbenzene	ND	ug/l	2.5				
1,4-Diethylbenzene	ND	ug/l	2.0				
4-Ethyltoluene	ND	ug/l	2.0				
1,2,4,5-Tetramethylbenzene	ND	ug/l	2.0				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	104	%		70-130			
Toluene-d8	98.0	%		70-130			
4-Bromofluorobenzene	102	%		70-130			
Dibromofluoromethane	99.0	%		70-130			

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0812904-12
PWG-VP-2008-01 (96-100')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0905 14:44 PD	
Styrene	ND	ug/l	2.0				
Dichlorodifluoromethane	ND	ug/l	10.				
Acetone	32	ug/l	10				
Carbon disulfide	ND	ug/l	10.				
2-Butanone	ND	ug/l	10.				
Vinyl acetate	ND	ug/l	10.				
4-Methyl-2-pentanone	ND	ug/l	10.				
2-Hexanone	ND	ug/l	10.				
Bromochloromethane	ND	ug/l	5.0				
2,2-Dichloropropane	ND	ug/l	5.0				
1,2-Dibromoethane	ND	ug/l	4.0				
1,3-Dichloropropane	ND	ug/l	5.0				
1,1,1,2-Tetrachloroethane	ND	ug/l	1.0				
Bromobenzene	ND	ug/l	5.0				
n-Butylbenzene	ND	ug/l	1.0				
sec-Butylbenzene	ND	ug/l	1.0				
tert-Butylbenzene	ND	ug/l	5.0				
o-Chlorotoluene	ND	ug/l	5.0				
p-Chlorotoluene	ND	ug/l	5.0				
1,2-Dibromo-3-chloropropane	ND	ug/l	5.0				
Hexachlorobutadiene	ND	ug/l	1.2				
Isopropylbenzene	ND	ug/l	1.0				
p-Isopropyltoluene	ND	ug/l	1.0				
Naphthalene	ND	ug/l	5.0				
n-Propylbenzene	ND	ug/l	1.0				
1,2,3-Trichlorobenzene	ND	ug/l	5.0				
1,2,4-Trichlorobenzene	ND	ug/l	5.0				
1,3,5-Trimethylbenzene	ND	ug/l	5.0				
1,2,4-Trimethylbenzene	ND	ug/l	5.0				
1,4-Diethylbenzene	ND	ug/l	4.0				
4-Ethyltoluene	ND	ug/l	4.0				
1,2,4,5-Tetramethylbenzene	ND	ug/l	4.0				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	107	%		70-130			
Toluene-d8	99.0	%		70-130			
4-Bromofluorobenzene	101	%		70-130			
Dibromofluoromethane	101	%		70-130			

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL
 QUALITY ASSURANCE BATCH LCS/LCSD ANALYSIS

Laboratory Job Number: L0812904

Parameter	LCS %	LCSD %	RPD	RPD Limit	QC Limits
Volatile Organics by EPA 8260B for sample(s) 01-03 (WG335362-1, WG335362-2)					
Chlorobenzene	109	90	19	20	75-130
Benzene	108	90	18	20	76-127
Toluene	108	89	19	20	76-125
1,1-Dichloroethene	106	87	20	20	61-145
Trichloroethene	106	87	20	20	71-120
Surrogate(s)					
1,2-Dichloroethane-d4	105	106	1		70-130
Toluene-d8	98	99	1		70-130
4-Bromofluorobenzene	96	99	3		70-130
Dibromofluoromethane	103	102	1		70-130
Volatile Organics by EPA 8260B for sample(s) 10-11 (WG335362-7, WG335362-8)					
Chlorobenzene	99	98	8	20	75-130
Benzene	99	96	8	20	76-127
Toluene	100	100	7	20	76-125
1,1-Dichloroethene	98	97	6	20	61-145
Trichloroethene	97	96	6	20	71-120
Surrogate(s)					
1,2-Dichloroethane-d4	102	103	1		70-130
Toluene-d8	99	100	1		70-130
4-Bromofluorobenzene	99	100	1		70-130
Dibromofluoromethane	100	98	2		70-130
Volatile Organics by EPA 8260B for sample(s) 04-09,12 (WG335362-4, WG335362-5)					
Chlorobenzene	106	98	11	20	75-130
Benzene	104	98	10	20	76-127
Toluene	107	100	8	20	76-125
1,1-Dichloroethene	103	95	11	20	61-145
Trichloroethene	102	96	10	20	71-120
Surrogate(s)					
1,2-Dichloroethane-d4	102	103	1		70-130
Toluene-d8	100	98	2		70-130
4-Bromofluorobenzene	98	99	1		70-130
Dibromofluoromethane	99	100	1		70-130

ALPHA ANALYTICAL
 QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0812904

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Blank Analysis for sample(s) 01-03 (WG335362-3)							
Volatile Organics by EPA 8260B				1	8260B	0904 16:54 PD	
Methylene chloride	ND	ug/l	5.0				
1,1-Dichloroethane	ND	ug/l	0.75				
Chloroform	ND	ug/l	0.75				
Carbon tetrachloride	ND	ug/l	0.50				
1,2-Dichloropropane	ND	ug/l	1.8				
Dibromochloromethane	ND	ug/l	0.50				
1,1,2-Trichloroethane	ND	ug/l	0.75				
Tetrachloroethene	ND	ug/l	0.50				
Chlorobenzene	ND	ug/l	0.50				
Trichlorofluoromethane	ND	ug/l	2.5				
1,2-Dichloroethane	ND	ug/l	0.50				
1,1,1-Trichloroethane	ND	ug/l	0.50				
Bromodichloromethane	ND	ug/l	0.50				
trans-1,3-Dichloropropene	ND	ug/l	0.50				
cis-1,3-Dichloropropene	ND	ug/l	0.50				
1,1-Dichloropropene	ND	ug/l	2.5				
Bromoform	ND	ug/l	2.0				
1,1,2,2-Tetrachloroethane	ND	ug/l	0.50				
Benzene	ND	ug/l	0.50				
Toluene	ND	ug/l	0.75				
Ethylbenzene	ND	ug/l	0.50				
Chloromethane	ND	ug/l	2.5				
Bromomethane	ND	ug/l	1.0				
Vinyl chloride	ND	ug/l	1.0				
Chloroethane	ND	ug/l	1.0				
1,1-Dichloroethene	ND	ug/l	0.50				
trans-1,2-Dichloroethene	ND	ug/l	0.75				
Trichloroethene	ND	ug/l	0.50				
1,2-Dichlorobenzene	ND	ug/l	2.5				
1,3-Dichlorobenzene	ND	ug/l	2.5				
1,4-Dichlorobenzene	ND	ug/l	2.5				
Methyl tert butyl ether	ND	ug/l	1.0				
p/m-Xylene	ND	ug/l	1.0				
o-Xylene	ND	ug/l	1.0				
cis-1,2-Dichloroethene	ND	ug/l	0.50				
Dibromomethane	ND	ug/l	5.0				
1,2,3-Trichloropropane	ND	ug/l	5.0				
Acrylonitrile	ND	ug/l	5.0				
Styrene	ND	ug/l	1.0				
Dichlorodifluoromethane	ND	ug/l	5.0				
Acetone	ND	ug/l	5.0				
Carbon disulfide	ND	ug/l	5.0				
2-Butanone	ND	ug/l	5.0				
Vinyl acetate	ND	ug/l	5.0				
4-Methyl-2-pentanone	ND	ug/l	5.0				
2-Hexanone	ND	ug/l	5.0				

ALPHA ANALYTICAL
QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0812904

Continued

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Blank Analysis for sample(s) 01-03 (WG335362-3)							
Volatile Organics by EPA 8260B cont'd				1	8260B	0904 16:54 PD	
Bromochloromethane	ND	ug/l	2.5				
2,2-Dichloropropane	ND	ug/l	2.5				
1,2-Dibromoethane	ND	ug/l	2.0				
1,3-Dichloropropane	ND	ug/l	2.5				
1,1,1,2-Tetrachloroethane	ND	ug/l	0.50				
Bromobenzene	ND	ug/l	2.5				
n-Butylbenzene	ND	ug/l	0.50				
sec-Butylbenzene	ND	ug/l	0.50				
tert-Butylbenzene	ND	ug/l	2.5				
o-Chlorotoluene	ND	ug/l	2.5				
p-Chlorotoluene	ND	ug/l	2.5				
1,2-Dibromo-3-chloropropane	ND	ug/l	2.5				
Hexachlorobutadiene	ND	ug/l	0.60				
Isopropylbenzene	ND	ug/l	0.50				
p-Isopropyltoluene	ND	ug/l	0.50				
Naphthalene	ND	ug/l	2.5				
n-Propylbenzene	ND	ug/l	0.50				
1,2,3-Trichlorobenzene	ND	ug/l	2.5				
1,2,4-Trichlorobenzene	ND	ug/l	2.5				
1,3,5-Trimethylbenzene	ND	ug/l	2.5				
1,2,4-Trimethylbenzene	ND	ug/l	2.5				
1,4-Diethylbenzene	ND	ug/l	2.0				
4-Ethyltoluene	ND	ug/l	2.0				
1,2,4,5-Tetramethylbenzene	ND	ug/l	2.0				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	105	%		70-130			
Toluene-d8	100	%		70-130			
4-Bromofluorobenzene	99.0	%		70-130			
Dibromofluoromethane	98.0	%		70-130			
Blank Analysis for sample(s) 04-09,12 (WG335362-6)							
Volatile Organics by EPA 8260B				1	8260B	0905 09:33 PD	
Methylene chloride	ND	ug/l	5.0				
1,1-Dichloroethane	ND	ug/l	0.75				
Chloroform	ND	ug/l	0.75				
Carbon tetrachloride	ND	ug/l	0.50				
1,2-Dichloropropane	ND	ug/l	1.8				
Dibromochloromethane	ND	ug/l	0.50				
1,1,2-Trichloroethane	ND	ug/l	0.75				
Tetrachloroethene	ND	ug/l	0.50				
Chlorobenzene	ND	ug/l	0.50				
Trichlorofluoromethane	ND	ug/l	2.5				
1,2-Dichloroethane	ND	ug/l	0.50				
1,1,1-Trichloroethane	ND	ug/l	0.50				
Bromodichloromethane	ND	ug/l	0.50				

ALPHA ANALYTICAL
QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0812904

Continued

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Blank Analysis for sample(s) 04-09,12 (WG335362-6)							
Volatile Organics by EPA 8260B cont'd				1	8260B	0905 09:33 PD	
trans-1,3-Dichloropropene	ND	ug/l	0.50				
cis-1,3-Dichloropropene	ND	ug/l	0.50				
1,1-Dichloropropene	ND	ug/l	2.5				
Bromoform	ND	ug/l	2.0				
1,1,2,2-Tetrachloroethane	ND	ug/l	0.50				
Benzene	ND	ug/l	0.50				
Toluene	ND	ug/l	0.75				
Ethylbenzene	ND	ug/l	0.50				
Chloromethane	ND	ug/l	2.5				
Bromomethane	ND	ug/l	1.0				
Vinyl chloride	ND	ug/l	1.0				
Chloroethane	ND	ug/l	1.0				
1,1-Dichloroethene	ND	ug/l	0.50				
trans-1,2-Dichloroethene	ND	ug/l	0.75				
Trichloroethene	ND	ug/l	0.50				
1,2-Dichlorobenzene	ND	ug/l	2.5				
1,3-Dichlorobenzene	ND	ug/l	2.5				
1,4-Dichlorobenzene	ND	ug/l	2.5				
Methyl tert butyl ether	ND	ug/l	1.0				
p/m-Xylene	ND	ug/l	1.0				
o-Xylene	ND	ug/l	1.0				
cis-1,2-Dichloroethene	ND	ug/l	0.50				
Dibromomethane	ND	ug/l	5.0				
1,2,3-Trichloropropane	ND	ug/l	5.0				
Acrylonitrile	ND	ug/l	5.0				
Styrene	ND	ug/l	1.0				
Dichlorodifluoromethane	ND	ug/l	5.0				
Acetone	ND	ug/l	5.0				
Carbon disulfide	ND	ug/l	5.0				
2-Butanone	ND	ug/l	5.0				
Vinyl acetate	ND	ug/l	5.0				
4-Methyl-2-pentanone	ND	ug/l	5.0				
2-Hexanone	ND	ug/l	5.0				
Bromochloromethane	ND	ug/l	2.5				
2,2-Dichloropropane	ND	ug/l	2.5				
1,2-Dibromoethane	ND	ug/l	2.0				
1,3-Dichloropropane	ND	ug/l	2.5				
1,1,1,2-Tetrachloroethane	ND	ug/l	0.50				
Bromobenzene	ND	ug/l	2.5				
n-Butylbenzene	ND	ug/l	0.50				
sec-Butylbenzene	ND	ug/l	0.50				
tert-Butylbenzene	ND	ug/l	2.5				
o-Chlorotoluene	ND	ug/l	2.5				
p-Chlorotoluene	ND	ug/l	2.5				
1,2-Dibromo-3-chloropropane	ND	ug/l	2.5				
Hexachlorobutadiene	ND	ug/l	0.60				

ALPHA ANALYTICAL
QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0812904

Continued

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Blank Analysis for sample(s) 04-09,12 (WG335362-6)							
Volatile Organics by EPA 8260B cont'd				1	8260B	0905 09:33 PD	
Isopropylbenzene	ND	ug/l	0.50				
p-Isopropyltoluene	ND	ug/l	0.50				
Naphthalene	ND	ug/l	2.5				
n-Propylbenzene	ND	ug/l	0.50				
1,2,3-Trichlorobenzene	ND	ug/l	2.5				
1,2,4-Trichlorobenzene	ND	ug/l	2.5				
1,3,5-Trimethylbenzene	ND	ug/l	2.5				
1,2,4-Trimethylbenzene	ND	ug/l	2.5				
1,4-Diethylbenzene	ND	ug/l	2.0				
4-Ethyltoluene	ND	ug/l	2.0				
1,2,4,5-Tetramethylbenzene	ND	ug/l	2.0				
Surrogate(s)	Recovery		QC Criteria				
1,2-Dichloroethane-d4	104	%	70-130				
Toluene-d8	99.0	%	70-130				
4-Bromofluorobenzene	102	%	70-130				
Dibromofluoromethane	99.0	%	70-130				
Blank Analysis for sample(s) 10-11 (WG335362-9)							
Volatile Organics by EPA 8260B				1	8260B	0905 17:52 PD	
Methylene chloride	ND	ug/l	5.0				
1,1-Dichloroethane	ND	ug/l	0.75				
Chloroform	ND	ug/l	0.75				
Carbon tetrachloride	ND	ug/l	0.50				
1,2-Dichloropropane	ND	ug/l	1.8				
Dibromochloromethane	ND	ug/l	0.50				
1,1,2-Trichloroethane	ND	ug/l	0.75				
Tetrachloroethene	ND	ug/l	0.50				
Chlorobenzene	ND	ug/l	0.50				
Trichlorofluoromethane	ND	ug/l	2.5				
1,2-Dichloroethane	ND	ug/l	0.50				
1,1,1-Trichloroethane	ND	ug/l	0.50				
Bromodichloromethane	ND	ug/l	0.50				
trans-1,3-Dichloropropene	ND	ug/l	0.50				
cis-1,3-Dichloropropene	ND	ug/l	0.50				
1,1-Dichloropropene	ND	ug/l	2.5				
Bromoform	ND	ug/l	2.0				
1,1,2,2-Tetrachloroethane	ND	ug/l	0.50				
Benzene	ND	ug/l	0.50				
Toluene	ND	ug/l	0.75				
Ethylbenzene	ND	ug/l	0.50				
Chloromethane	ND	ug/l	2.5				
Bromomethane	ND	ug/l	1.0				
Vinyl chloride	ND	ug/l	1.0				
Chloroethane	ND	ug/l	1.0				
1,1-Dichloroethene	ND	ug/l	0.50				

ALPHA ANALYTICAL
QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0812904

Continued

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Blank Analysis for sample(s) 10-11 (WG335362-9)							
Volatile Organics by EPA 8260B cont'd				1	8260B	0905	17:52 PD
trans-1,2-Dichloroethene	ND	ug/l	0.75				
Trichloroethene	ND	ug/l	0.50				
1,2-Dichlorobenzene	ND	ug/l	2.5				
1,3-Dichlorobenzene	ND	ug/l	2.5				
1,4-Dichlorobenzene	ND	ug/l	2.5				
Methyl tert butyl ether	ND	ug/l	1.0				
p/m-Xylene	ND	ug/l	1.0				
o-Xylene	ND	ug/l	1.0				
cis-1,2-Dichloroethene	ND	ug/l	0.50				
Dibromomethane	ND	ug/l	5.0				
1,2,3-Trichloropropane	ND	ug/l	5.0				
Acrylonitrile	ND	ug/l	5.0				
Styrene	ND	ug/l	1.0				
Dichlorodifluoromethane	ND	ug/l	5.0				
Acetone	ND	ug/l	5.0				
Carbon disulfide	ND	ug/l	5.0				
2-Butanone	ND	ug/l	5.0				
Vinyl acetate	ND	ug/l	5.0				
4-Methyl-2-pentanone	ND	ug/l	5.0				
2-Hexanone	ND	ug/l	5.0				
Bromochloromethane	ND	ug/l	2.5				
2,2-Dichloropropane	ND	ug/l	2.5				
1,2-Dibromoethane	ND	ug/l	2.0				
1,3-Dichloropropane	ND	ug/l	2.5				
1,1,1,2-Tetrachloroethane	ND	ug/l	0.50				
Bromobenzene	ND	ug/l	2.5				
n-Butylbenzene	ND	ug/l	0.50				
sec-Butylbenzene	ND	ug/l	0.50				
tert-Butylbenzene	ND	ug/l	2.5				
o-Chlorotoluene	ND	ug/l	2.5				
p-Chlorotoluene	ND	ug/l	2.5				
1,2-Dibromo-3-chloropropane	ND	ug/l	2.5				
Hexachlorobutadiene	ND	ug/l	0.60				
Isopropylbenzene	ND	ug/l	0.50				
p-Isopropyltoluene	ND	ug/l	0.50				
Naphthalene	ND	ug/l	2.5				
n-Propylbenzene	ND	ug/l	0.50				
1,2,3-Trichlorobenzene	ND	ug/l	2.5				
1,2,4-Trichlorobenzene	ND	ug/l	2.5				
1,3,5-Trimethylbenzene	ND	ug/l	2.5				
1,2,4-Trimethylbenzene	ND	ug/l	2.5				
1,4-Diethylbenzene	ND	ug/l	2.0				
4-Ethyltoluene	ND	ug/l	2.0				
1,2,4,5-Tetramethylbenzene	ND	ug/l	2.0				

ALPHA ANALYTICAL
 QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0812904

Continued

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Blank Analysis for sample(s) 10-11 (WG335362-9)							
Volatile Organics by EPA 8260B cont'd				1	8260B	0905	17:52 PD
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	104	%		70-130			
Toluene-d8	100	%		70-130			
4-Bromofluorobenzene	102	%		70-130			
Dibromofluoromethane	96.0	%		70-130			

**ALPHA ANALYTICAL
ADDENDUM I**

REFERENCES

1. Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IIIA, 1997.

GLOSSARY OF TERMS AND SYMBOLS

REF	Reference number in which test method may be found.
METHOD	Method number by which analysis was performed.
ID	Initials of the analyst.
ND	Not detected in comparison to the reported detection limit.
NI	Not Ignitable.
ug/cart	Micrograms per Cartridge.
H	The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

LIMITATION OF LIABILITIES

Alpha Analytical, Inc. performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical, Inc., shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical, Inc. be held liable for any incidental consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical, Inc.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding times and splitting of samples in the field.

CHAIN OF CUSTODY



Westborough, MA
 TEL: 508-898-9220
 FAX: 508-898-9193

Mansfield, MA
 TEL: 508-822-9300
 FAX: 508-822-3288

Client Information

Client: P.W. Grosser
 Address: 630 Johnson Avenue, Suite 7
 Bohemia, NY 11716
 Phone: 631-589-6353
 Fax: 631-589-8735
 Email:

Project Location: 85-600 Banks Ave
 Project #: AWB0801
 Project Manager: Kris Ahnslog
 ALPHA Quote #:
 Turn-Around Time

Standard Rush (ONLY IF PRE-APPROVED)
 Other Project Specific Requirements/Comments/Detection Limits:
 Due Date: 9/8/08 Time:

Date Rec'd in Lab: 8/29/08 ALPHA Job #: 10812964
Report Information Data Deliverables: FAX EMAIL ADEX Add'l Deliverables
Regulatory Requirements/Report Limits Criteria

Yes No No No
 Are MCP Analytical Methods Required?
 Are CT RCP (Reasonable Confidence Protocols) Required?
MCP PRESUMPTIVE CERTAINTY CT REASONABLE CONFIDENCE PROTOCOLS

ANALYSIS

SAMPLE HANDLING
 Filtration Done Not Needed
 Lab to do Preservation Lab to do
 (Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials
		Date	Time		

1	TP-02	8/21/08	1200	L	KG
2	PWG-WP-2008-03 (96-100')	8/28/08	1020		JLL
3	PWG-WP-2008-02 (16-20')		1230		
4	PWG-WP-2008-02 (36-40')		1305		
5	PWG-WP-2008-02 (56-60')		1400		
6	PWG-WP-2008-02 (76-80')		1620		
7	PWG-WP-2008-02 (96-100')		1800		
8	PWG-WP-2008-01 (16-20')	8/29/08	0735		
9	PWG-WP-2008-01 (36-40')		0840		
10	PWG-WP-2008-01 (56-60')		0950		

Sample Specific Comments
TCL VOCs 1260

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

FORM NO. 01-001
 (Rev. 03-2004-07)

Relinquished By	Date/Time	Received By	Date/Time
<u>[Signature]</u>	<u>8/29/08 1308</u>	<u>[Signature]</u>	<u>8/29/08 1334</u>
<u>[Signature]</u>	<u>8/29/08 1445</u>	<u>[Signature]</u>	<u>8/29/08 1530</u>

Please print clearly, legibly, and completely. Samples can not be logged in and turn-around time clock will not start until all ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms



CHAIN OF CUSTODY

PAGE 2 OF 2

Project Information

Westborough, MA Mansfield, MA
 TEL: 508-898-9220 TEL: 508-822-9300
 FAX: 508-898-9193 FAX: 508-822-3289

Project Name: _____

Date Rec'd in Lab: 8/20/08 ALPHA Job #: 108129004

Report Information Data Deliverables Billing Information

FAX EMAIL Same as Client Info PO # _____

ADEX Add'l Deliverables

Regulatory Requirements/Report Limits Criteria

Client P.W. Grosser
 Address: 630 Johnson Avenue, Suite 7
 Bohemia, NY 11716
 Phone: 631-589-6353

Project Location: 90-100 Banks Ave, Patchogue, NY

Project #: A190901
 Project Manager: Kris Almbus
 ALPHA Quote #: _____

State/Fed Program: NYSDoc Aged Packet
 MCP PRESUMPTIVE CERTAINTY-CT REASONABLE CONFIDENCE PROTOCOLS

Yes No Are MCP Analytical Methods Required?
 Yes No Are CT RCP (Reasonable Confidence Protocols) Required?

Fax: 631-589-8705 Standard Rust (ONLY IF PRE-APPROVED)
 Email: _____ Due Date: 9/8/08 Time: _____

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits: _____

TOTAL # OF BOTTOMS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials
		Date	Time		

SAMPLE HANDLING	Filtration	Done	Not Needed	Lab to do	Preservation	Lab to do	Sample Specific Comments
							TCL VOCs 8260

<u>2904, 11</u>	<u>PMG-VP-2008-01 (PK-100)</u>	<u>9/20/08</u>	<u>1100</u>	<u>L</u>	<u>JTC</u>	<u>X</u>												
<u>12</u>	<u>PMG-VP-2008-02 (PK-100)</u>	<u>6</u>	<u>1310</u>	<u>J</u>	<u>J</u>	<u>X</u>												

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT
 MA MCP or CT RCP?

Relinquished By:	Container Type	Preservative	Date/Time	Received By:	Date/Time
<u>[Signature]</u>	<u>46ml</u>	<u>HCl</u>	<u>8/20/08 1435</u>	<u>[Signature]</u>	<u>8/20/08 1030</u>

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms.

ALPHA ANALYTICAL

Eight Walkup Drive
Westborough, Massachusetts 01581-1019
(508) 898-9220 www.alphalab.com

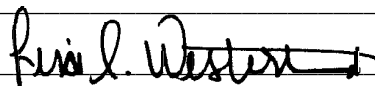
MA:M-MA086 NH:2003 CT:PH-0574 ME:MA0086 RI:LAO00065 NY:11148 NJ:MA935 Army:USACE

CERTIFICATE OF ANALYSIS

Client: P.W. Grosser Laboratory Job Number: L0813447
Address: 630 Johnson Avenue Date Received: 11-SEP-2008
Suite 7 Date Reported: 22-SEP-2008
Bohemia, NY 11716 Delivery Method: Alpha
Attn: Mr. Kris Almskog Site: AVALON BAY
Project Number: AVB0801

ALPHA SAMPLE NUMBER	CLIENT IDENTIFICATION	SAMPLE LOCATION
L0813447-01	TB091008	80 BARKS AVE., ROCKVILLE CENTER
L0813447-02	PWG-DW-2008-27(12.5-13')	80 BARKS AVE., ROCKVILLE CENTER
L0813447-03	PWG-DW-2008-28(12-12.5')	80 BARKS AVE., ROCKVILLE CENTER
L0813447-04	PWG-DW-2008-29(10-10.5')	80 BARKS AVE., ROCKVILLE CENTER
L0813447-05	PWG-DW-2008-30(8.5-9')	80 BARKS AVE., ROCKVILLE CENTER
L0813447-06	PWG-DW-2008-31(8-8.5')	80 BARKS AVE., ROCKVILLE CENTER
L0813447-07	PWG-DW-2008-33(7-7.5')	80 BARKS AVE., ROCKVILLE CENTER
L0813447-08	PWG-DW-2008-34(5.5-6')	80 BARKS AVE., ROCKVILLE CENTER
L0813447-09	PWG-DW-2008-37(11-11.5')	80 BARKS AVE., ROCKVILLE CENTER
L0813447-10	PWG-DW-2008-101(5.5-6')	80 BARKS AVE., ROCKVILLE CENTER
L0813447-11	PWG-DW-2008-38(7-7.5')	80 BARKS AVE., ROCKVILLE CENTER
L0813447-12	PWG-DW-2008-39(8.5-9')	80 BARKS AVE., ROCKVILLE CENTER
L0813447-13	PWG-DW-2008-40(6-6.5')	80 BARKS AVE., ROCKVILLE CENTER
L0813447-14	PWG-DW-2008-41(9-9.5')	80 BARKS AVE., ROCKVILLE CENTER
L0813447-15	PWG-DW-2008-42(2-5')	80 BARKS AVE., ROCKVILLE CENTER

I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized by: 
Technical Representative

ALPHA ANALYTICAL
NARRATIVE REPORT

Laboratory Job Number: L0813447

The samples were received in accordance with the chain of custody and no significant deviations were encountered during preparation or analysis unless otherwise noted below.

Metals

L0813447-08 and -10 have elevated detection limits for Mercury due to the 5x dilutions required to quantitate the results within the calibration range.

The WG336219-1/-2 MS/MSD recoveries associated with L0813447-13 are outside the acceptance criteria for Antimony, Arsenic (MSD only), Chromium, Copper (MS only), Lead, and Manganese. Post-digestion spikes were performed with acceptable recoveries of 108%, 113%, 77%, 80%, 77%, and 98%, respectively. The MS recoveries for Aluminum, Calcium, Iron, Magnesium, and Zinc are invalid because the sample concentration is greater than four times the spike amount added. In addition, the associated MS/MSD RPDs are outside the acceptance criteria for Aluminum, Manganese, and Zinc. The elevated RPDs have been attributed to the non-homogenous nature of the sample utilized for the MS/MSD.

Volatile Organics

The surrogate recovery for L0813447-05 is above the acceptance criteria for 4-Bromofluorobenzene; however, the sample was not re-analyzed due to coelution with obvious interferences. A copy of the chromatogram is included as an attachment to this report. The results are not considered to be biased.

L0813447-10: The internal standard (IS) response for 1,4-Dichlorobenzene-d4 is below and the surrogate recoveries for Toluene-d8 and 4-Bromofluorobenzene are above the acceptance criteria; however, re-analysis achieved similar results. The results of both analyses are reported.

L0813447-11: The internal standard (IS) response for 1,4-Dichlorobenzene-d4 is below and the surrogate recovery for 4-Bromofluorobenzene is above the acceptance criteria; however, re-analysis achieved similar results. The results of both analyses are reported.

L0813447-11 re-analysis has elevated detection limits due to the 4x dilution required by the elevated concentrations of non-target compounds in the sample.

Semivolatile Organics

The following samples have elevated detection limits due to the dilutions required by matrix interferences encountered during the concentration of the samples:

L0813447-05, -07, -08, -10, -11, -12: 15x

L0813447-13: 5x

L0813447-06 has elevated detection limits due to the 10x dilution required by the sample matrix.

L0813447-09 has elevated detection limits due to the 10x dilution required by the matrix

ALPHA ANALYTICAL
NARRATIVE REPORT

Laboratory Job Number: L0813447

Continued

interferences encountered during the concentration of the sample and the 5x dilution required by the sample matrix.

The surrogate recoveries for L0813447-09 are below the acceptance criteria for 2-Fluorophenol, Phenol-d6, Nitrobenzene-d5, 2-Fluorobiphenyl, 2,4,6-Tribromophenol and 4-Terphenyl-d14 due to the dilutions required to quantitate the sample. Re-extraction is not required; therefore, the results of the original analysis are reported.

The WG336983-2/-3 LCS/LCSD recoveries associated with L0813447-02 through -14 was above the acceptance criteria for 2,4-Dinitrotoluene; however, the associated samples were non-detect for this target compound. The results of the original analysis are reported.

Semivolatiles-SIM

L0813447-03, -04, and -14 have elevated detection limits due to the 5x dilutions required by the sample matrices.

L0813447-05, -07, and -08 have elevated detection limits due to the 2x dilutions required by the matrix interferences encountered during the concentration of the samples and the 50x dilutions required by the sample matrices.

L0813447-06, and -09 through -13 have elevated detection limits due to the 5x dilutions required by the matrix interferences encountered during the concentration of the samples and the 20x dilutions required by the sample matrices.

The surrogate recoveries for L0813447-05 through -13 are below the acceptance criteria for 2-Fluorophenol, Phenol-d6, Nitrobenzene-d5, 2-Fluorobiphenyl, 2,4,6-Tribromophenol, and 4-Terphenyl-d14 due to the dilutions required to quantitate the samples. Re-extraction is not required; therefore, the results of the original analyses are reported.

TPH-DRO

L0813447-05, -09, and -11 have elevated detection limits due to the 10x dilutions required by the matrix interferences encountered during the concentration of the samples and the 5x dilutions required by the elevated concentrations of target compounds in the samples.

L0813447-06, -07, -08, and -10 have elevated detection limits due to the 10x dilutions required by the elevated concentrations of target compounds in the samples.

The following samples have elevated detection limits due to the dilutions required by matrix interferences encountered during the concentration of the samples:

L0813447-12: 10x

L0813447-13: 5x

ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS

MA:M-MA086 NH:2003 CT:PH-0574 ME:MA0086 RI:LAO00065 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0813447-01	Date Collected: 10-SEP-2008 00:00
TB091008	Date Received : 11-SEP-2008
Sample Matrix: WATER	Date Reported : 22-SEP-2008
Condition of Sample: Satisfactory	Field Prep: None
Number & Type of Containers: 2-Vial	

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP ANAL	ID
Volatile Organics by EPA 8260B				1 8260B	0912 12:49	PD
Methylene chloride	ND	ug/l	5.0			
1,1-Dichloroethane	ND	ug/l	0.75			
Chloroform	ND	ug/l	0.75			
Carbon tetrachloride	ND	ug/l	0.50			
1,2-Dichloropropane	ND	ug/l	1.8			
Dibromochloromethane	ND	ug/l	0.50			
1,1,2-Trichloroethane	ND	ug/l	0.75			
Tetrachloroethene	ND	ug/l	0.50			
Chlorobenzene	ND	ug/l	0.50			
Trichlorofluoromethane	ND	ug/l	2.5			
1,2-Dichloroethane	ND	ug/l	0.50			
1,1,1-Trichloroethane	ND	ug/l	0.50			
Bromodichloromethane	ND	ug/l	0.50			
trans-1,3-Dichloropropene	ND	ug/l	0.50			
cis-1,3-Dichloropropene	ND	ug/l	0.50			
1,1-Dichloropropene	ND	ug/l	2.5			
Bromoform	ND	ug/l	2.0			
1,1,2,2-Tetrachloroethane	ND	ug/l	0.50			
Benzene	ND	ug/l	0.50			
Toluene	ND	ug/l	0.75			
Ethylbenzene	ND	ug/l	0.50			
Chloromethane	ND	ug/l	2.5			
Bromomethane	ND	ug/l	1.0			
Vinyl chloride	ND	ug/l	1.0			
Chloroethane	ND	ug/l	1.0			
1,1-Dichloroethene	ND	ug/l	0.50			
trans-1,2-Dichloroethene	ND	ug/l	0.75			
Trichloroethene	ND	ug/l	0.50			
1,2-Dichlorobenzene	ND	ug/l	2.5			
1,3-Dichlorobenzene	ND	ug/l	2.5			
1,4-Dichlorobenzene	ND	ug/l	2.5			
Methyl tert butyl ether	ND	ug/l	1.0			
p/m-Xylene	ND	ug/l	1.0			
o-Xylene	ND	ug/l	1.0			
cis-1,2-Dichloroethene	ND	ug/l	0.50			
Dibromomethane	ND	ug/l	5.0			
1,2,3-Trichloropropane	ND	ug/l	5.0			
Acrylonitrile	ND	ug/l	5.0			

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813447-01
TB091008

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0912 12:49 PD	
Styrene	ND	ug/l	1.0				
Dichlorodifluoromethane	ND	ug/l	5.0				
Acetone	ND	ug/l	5.0				
Carbon disulfide	ND	ug/l	5.0				
2-Butanone	ND	ug/l	5.0				
Vinyl acetate	ND	ug/l	5.0				
4-Methyl-2-pentanone	ND	ug/l	5.0				
2-Hexanone	ND	ug/l	5.0				
Bromochloromethane	ND	ug/l	2.5				
2,2-Dichloropropane	ND	ug/l	2.5				
1,2-Dibromoethane	ND	ug/l	2.0				
1,3-Dichloropropane	ND	ug/l	2.5				
1,1,1,2-Tetrachloroethane	ND	ug/l	0.50				
Bromobenzene	ND	ug/l	2.5				
n-Butylbenzene	ND	ug/l	0.50				
sec-Butylbenzene	ND	ug/l	0.50				
tert-Butylbenzene	ND	ug/l	2.5				
o-Chlorotoluene	ND	ug/l	2.5				
p-Chlorotoluene	ND	ug/l	2.5				
1,2-Dibromo-3-chloropropane	ND	ug/l	2.5				
Hexachlorobutadiene	ND	ug/l	0.60				
Isopropylbenzene	ND	ug/l	0.50				
p-Isopropyltoluene	ND	ug/l	0.50				
Naphthalene	ND	ug/l	2.5				
n-Propylbenzene	ND	ug/l	0.50				
1,2,3-Trichlorobenzene	ND	ug/l	2.5				
1,2,4-Trichlorobenzene	ND	ug/l	2.5				
1,3,5-Trimethylbenzene	ND	ug/l	2.5				
1,2,4-Trimethylbenzene	ND	ug/l	2.5				
1,4-Diethylbenzene	ND	ug/l	2.0				
4-Ethyltoluene	ND	ug/l	2.0				
1,2,4,5-Tetramethylbenzene	ND	ug/l	2.0				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	102	%		70-130			
Toluene-d8	98.0	%		70-130			
4-Bromofluorobenzene	105	%		70-130			
Dibromofluoromethane	98.0	%		70-130			

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

MA:M-MA086 NH:2003 CT:PH-0574 ME:MA0086 RI:LAO00065 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0813447-02	Date Collected: 10-SEP-2008 08:15
PWG-DW-2008-27(12.5-13')	Date Received : 11-SEP-2008
Sample Matrix: SOIL	Date Reported : 22-SEP-2008
Condition of Sample: Satisfactory	Field Prep: None
Number & Type of Containers: 3-Amber,1-Vial	

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP ANAL	ID
Solids, Total	78	%	0.10	30 2540G		0913 15:45 NM
Total Metals						
Aluminum, Total	15000	mg/kg	6.3	1 6010B	0912 18:00	0918 12:50 AI
Antimony, Total	ND	mg/kg	3.2	1 6010B	0912 18:00	0918 12:50 AI
Arsenic, Total	0.90	mg/kg	0.63	1 6010B	0912 18:00	0919 11:36 AI
Barium, Total	37	mg/kg	0.63	1 6010B	0912 18:00	0918 12:50 AI
Beryllium, Total	0.36	mg/kg	0.32	1 6010B	0912 18:00	0918 12:50 AI
Cadmium, Total	0.63	mg/kg	0.63	1 6010B	0912 18:00	0918 12:50 AI
Calcium, Total	520	mg/kg	6.3	1 6010B	0912 18:00	0918 12:50 AI
Chromium, Total	15	mg/kg	0.63	1 6010B	0912 18:00	0918 12:50 AI
Cobalt, Total	4.0	mg/kg	1.3	1 6010B	0912 18:00	0918 12:50 AI
Copper, Total	13	mg/kg	0.63	1 6010B	0912 18:00	0918 12:50 AI
Iron, Total	16000	mg/kg	3.2	1 6010B	0912 18:00	0918 12:50 AI
Lead, Total	10	mg/kg	3.2	1 6010B	0912 18:00	0918 12:50 AI
Magnesium, Total	3200	mg/kg	6.3	1 6010B	0912 18:00	0918 12:50 AI
Manganese, Total	120	mg/kg	0.63	1 6010B	0912 18:00	0919 11:36 AI
Mercury, Total	ND	mg/kg	0.10	1 7471A	0912 20:30	0914 14:13 HG
Nickel, Total	14	mg/kg	1.6	1 6010B	0912 18:00	0918 12:50 AI
Potassium, Total	1100	mg/kg	160	1 6010B	0912 18:00	0918 12:50 AI
Selenium, Total	ND	mg/kg	1.3	1 6010B	0912 18:00	0919 11:36 AI
Silver, Total	ND	mg/kg	0.63	1 6010B	0912 18:00	0918 12:50 AI
Sodium, Total	ND	mg/kg	130	1 6010B	0912 18:00	0918 12:50 AI
Thallium, Total	ND	mg/kg	1.3	1 6010B	0912 18:00	0918 12:50 AI
Vanadium, Total	27	mg/kg	0.63	1 6010B	0912 18:00	0918 12:50 AI
Zinc, Total	61	mg/kg	3.2	1 6010B	0912 18:00	0918 12:50 AI
Volatile Organics by EPA 8260B						
Methylene chloride	ND	ug/kg	32.	1 8260B	0915 14:53	PD
1,1-Dichloroethane	ND	ug/kg	4.8			
Chloroform	ND	ug/kg	4.8			
Carbon tetrachloride	ND	ug/kg	3.2			
1,2-Dichloropropane	ND	ug/kg	11.			
Dibromochloromethane	ND	ug/kg	3.2			
1,1,2-Trichloroethane	ND	ug/kg	4.8			
Tetrachloroethene	ND	ug/kg	3.2			
Chlorobenzene	ND	ug/kg	3.2			
Trichlorofluoromethane	ND	ug/kg	16.			

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813447-02
PWG-DW-2008-27(12.5-13')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0915 14:53 PD	
1,2-Dichloroethane	ND	ug/kg	3.2				
1,1,1-Trichloroethane	ND	ug/kg	3.2				
Bromodichloromethane	ND	ug/kg	3.2				
trans-1,3-Dichloropropene	ND	ug/kg	3.2				
cis-1,3-Dichloropropene	ND	ug/kg	3.2				
1,1-Dichloropropene	ND	ug/kg	16.				
Bromoform	ND	ug/kg	13.				
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.2				
Benzene	ND	ug/kg	3.2				
Toluene	ND	ug/kg	4.8				
Ethylbenzene	ND	ug/kg	3.2				
Chloromethane	ND	ug/kg	16.				
Bromomethane	ND	ug/kg	6.4				
Vinyl chloride	ND	ug/kg	6.4				
Chloroethane	ND	ug/kg	6.4				
1,1-Dichloroethene	ND	ug/kg	3.2				
trans-1,2-Dichloroethene	ND	ug/kg	4.8				
Trichloroethene	ND	ug/kg	3.2				
1,2-Dichlorobenzene	ND	ug/kg	16.				
1,3-Dichlorobenzene	ND	ug/kg	16.				
1,4-Dichlorobenzene	ND	ug/kg	16.				
Methyl tert butyl ether	ND	ug/kg	6.4				
p/m-Xylene	ND	ug/kg	6.4				
o-Xylene	ND	ug/kg	6.4				
cis-1,2-Dichloroethene	ND	ug/kg	3.2				
Dibromomethane	ND	ug/kg	32.				
Styrene	ND	ug/kg	6.4				
Dichlorodifluoromethane	ND	ug/kg	32.				
Acetone	ND	ug/kg	32.				
Carbon disulfide	ND	ug/kg	32.				
2-Butanone	ND	ug/kg	32.				
Vinyl acetate	ND	ug/kg	32.				
4-Methyl-2-pentanone	ND	ug/kg	32.				
1,2,3-Trichloropropane	ND	ug/kg	32.				
2-Hexanone	ND	ug/kg	32.				
Bromochloromethane	ND	ug/kg	16.				
2,2-Dichloropropane	ND	ug/kg	16.				
1,2-Dibromoethane	ND	ug/kg	13.				
1,3-Dichloropropane	ND	ug/kg	16.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.2				
Bromobenzene	ND	ug/kg	16.				
n-Butylbenzene	ND	ug/kg	3.2				
sec-Butylbenzene	ND	ug/kg	3.2				
tert-Butylbenzene	ND	ug/kg	16.				
o-Chlorotoluene	ND	ug/kg	16.				
p-Chlorotoluene	ND	ug/kg	16.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	16.				
Hexachlorobutadiene	ND	ug/kg	16.				
Isopropylbenzene	ND	ug/kg	3.2				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813447-02
PWG-DW-2008-27(12.5-13')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0915	14:53 PD
p-Isopropyltoluene	ND	ug/kg	3.2				
Naphthalene	ND	ug/kg	16.				
Acrylonitrile	ND	ug/kg	32.				
n-Propylbenzene	ND	ug/kg	3.2				
1,2,3-Trichlorobenzene	ND	ug/kg	16.				
1,2,4-Trichlorobenzene	ND	ug/kg	16.				
1,3,5-Trimethylbenzene	ND	ug/kg	16.				
1,2,4-Trimethylbenzene	ND	ug/kg	16.				
1,4-Diethylbenzene	ND	ug/kg	13.				
4-Ethyltoluene	ND	ug/kg	13.				
1,2,4,5-Tetramethylbenzene	ND	ug/kg	13.				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	96.0	%	70-130				
Toluene-d8	107	%	70-130				
4-Bromofluorobenzene	116	%	70-130				
Dibromofluoromethane	98.0	%	70-130				
Semivolatile Organics by EPA 8270C				1	8270C	0916	19:00 0918 11:54 PS
Acenaphthene	ND	ug/kg	430				
1,2,4-Trichlorobenzene	ND	ug/kg	430				
Hexachlorobenzene	ND	ug/kg	430				
Bis(2-chloroethyl)ether	ND	ug/kg	430				
2-Chloronaphthalene	ND	ug/kg	510				
1,2-Dichlorobenzene	ND	ug/kg	430				
1,3-Dichlorobenzene	ND	ug/kg	430				
1,4-Dichlorobenzene	ND	ug/kg	430				
3,3'-Dichlorobenzidine	ND	ug/kg	850				
2,4-Dinitrotoluene	ND	ug/kg	430				
2,6-Dinitrotoluene	ND	ug/kg	430				
Fluoranthene	ND	ug/kg	430				
4-Chlorophenyl phenyl ether	ND	ug/kg	430				
4-Bromophenyl phenyl ether	ND	ug/kg	430				
Bis(2-chloroisopropyl)ether	ND	ug/kg	430				
Bis(2-chloroethoxy)methane	ND	ug/kg	430				
Hexachlorobutadiene	ND	ug/kg	850				
Hexachlorocyclopentadiene	ND	ug/kg	850				
Hexachloroethane	ND	ug/kg	430				
Isophorone	ND	ug/kg	430				
Naphthalene	ND	ug/kg	430				
Nitrobenzene	ND	ug/kg	430				
NitrosoDiPhenylAmine(NDPA)/DPA	ND	ug/kg	1300				
n-Nitrosodi-n-propylamine	ND	ug/kg	430				
Bis(2-Ethylhexyl)phthalate	ND	ug/kg	850				
Butyl benzyl phthalate	ND	ug/kg	430				
Di-n-butylphthalate	ND	ug/kg	430				
Di-n-octylphthalate	ND	ug/kg	430				
Diethyl phthalate	ND	ug/kg	430				
Dimethyl phthalate	ND	ug/kg	430				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813447-02
PWG-DW-2008-27(12.5-13')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C cont'd				1	8270C	0916 19:00	0918 11:54 PS
Benzo(a)anthracene	ND	ug/kg	430				
Benzo(a)pyrene	ND	ug/kg	430				
Benzo(b)fluoranthene	ND	ug/kg	430				
Benzo(k)fluoranthene	ND	ug/kg	430				
Chrysene	ND	ug/kg	430				
Acenaphthylene	ND	ug/kg	430				
Anthracene	ND	ug/kg	430				
Benzo(ghi)perylene	ND	ug/kg	430				
Fluorene	ND	ug/kg	430				
Phenanthrene	ND	ug/kg	430				
Dibenzo(a,h)anthracene	ND	ug/kg	430				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	430				
Pyrene	ND	ug/kg	430				
Biphenyl	ND	ug/kg	430				
4-Chloroaniline	ND	ug/kg	430				
2-Nitroaniline	ND	ug/kg	430				
3-Nitroaniline	ND	ug/kg	430				
4-Nitroaniline	ND	ug/kg	600				
Dibenzofuran	ND	ug/kg	430				
2-Methylnaphthalene	ND	ug/kg	430				
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	1700				
Acetophenone	ND	ug/kg	1700				
2,4,6-Trichlorophenol	ND	ug/kg	430				
p-Chloro-M-Cresol	ND	ug/kg	430				
2-Chlorophenol	ND	ug/kg	510				
2,4-Dichlorophenol	ND	ug/kg	850				
2,4-Dimethylphenol	ND	ug/kg	430				
2-Nitrophenol	ND	ug/kg	1700				
4-Nitrophenol	ND	ug/kg	850				
2,4-Dinitrophenol	ND	ug/kg	1700				
4,6-Dinitro-o-cresol	ND	ug/kg	1700				
Pentachlorophenol	ND	ug/kg	1700				
Phenol	ND	ug/kg	600				
2-Methylphenol	ND	ug/kg	510				
3-Methylphenol/4-Methylphenol	ND	ug/kg	510				
2,4,5-Trichlorophenol	ND	ug/kg	430				
Benzoic Acid	ND	ug/kg	4300				
Benzyl Alcohol	ND	ug/kg	850				
Carbazole	ND	ug/kg	430				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	69.0	%	25-120				
Phenol-d6	69.0	%	10-120				
Nitrobenzene-d5	61.0	%	23-120				
2-Fluorobiphenyl	63.0	%	30-120				
2,4,6-Tribromophenol	95.0	%	19-120				
4-Terphenyl-d14	80.0	%	18-120				
Semivolatile Organics by EPA 8270C-SIM				1	8270C	0912 21:30	0916 01:41 AK

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813447-02
PWG-DW-2008-27(12.5-13')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C-SIM cont'd				1	8270C	0912 21:30	0916 01:41 AK
Acenaphthene	ND	ug/kg	17.				
2-Chloronaphthalene	ND	ug/kg	17.				
Fluoranthene	ND	ug/kg	17.				
Hexachlorobutadiene	ND	ug/kg	43.				
Naphthalene	ND	ug/kg	17.				
Benzo(a)anthracene	ND	ug/kg	17.				
Benzo(a)pyrene	ND	ug/kg	17.				
Benzo(b)fluoranthene	ND	ug/kg	17.				
Benzo(k)fluoranthene	ND	ug/kg	17.				
Chrysene	ND	ug/kg	17.				
Acenaphthylene	ND	ug/kg	17.				
Anthracene	ND	ug/kg	17.				
Benzo(ghi)perylene	ND	ug/kg	17.				
Fluorene	ND	ug/kg	17.				
Phenanthrene	ND	ug/kg	17.				
Dibenzo(a,h)anthracene	ND	ug/kg	17.				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	17.				
Pyrene	ND	ug/kg	17.				
2-Methylnaphthalene	ND	ug/kg	17.				
Pentachlorophenol	ND	ug/kg	68.				
Hexachlorobenzene	ND	ug/kg	68.				
Hexachloroethane	ND	ug/kg	68.				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	76.0	%	25-120				
Phenol-d6	84.0	%	10-120				
Nitrobenzene-d5	74.0	%	23-120				
2-Fluorobiphenyl	66.0	%	30-120				
2,4,6-Tribromophenol	67.0	%	19-120				
4-Terphenyl-d14	77.0	%	18-120				
Petroleum Hydrocarbon Quantitation by GC-FID				1	8015B(M)	0916 01:30	0917 20:55 JL
TPH	ND	ug/kg	42700				
Surrogate(s)	Recovery		QC Criteria				
o-Terphenyl	64.0	%	40-140				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

MA:M-MA086 NH:2003 CT:PH-0574 ME:MA0086 RI:LAO00065 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0813447-03
 PWG-DW-2008-28(12-12.5')

Sample Matrix: SOIL

Condition of Sample: Satisfactory

Number & Type of Containers: 3-Amber,1-Vial

Date Collected: 10-SEP-2008 08:50
Date Received : 11-SEP-2008
Date Reported : 22-SEP-2008

Field Prep: None

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Solids, Total	68	%	0.10	30 2540G		0913 15:45	NM
Total Metals							
Aluminum, Total	12000	mg/kg	6.8	1 6010B	0912 18:00	0918 12:53	AI
Antimony, Total	ND	mg/kg	3.4	1 6010B	0912 18:00	0918 12:53	AI
Arsenic, Total	2.1	mg/kg	0.68	1 6010B	0912 18:00	0919 11:39	AI
Barium, Total	41	mg/kg	0.68	1 6010B	0912 18:00	0918 12:53	AI
Beryllium, Total	0.45	mg/kg	0.34	1 6010B	0912 18:00	0918 12:53	AI
Cadmium, Total	2.2	mg/kg	0.68	1 6010B	0912 18:00	0918 12:53	AI
Calcium, Total	760	mg/kg	6.8	1 6010B	0912 18:00	0918 12:53	AI
Chromium, Total	14	mg/kg	0.68	1 6010B	0912 18:00	0918 12:53	AI
Cobalt, Total	5.7	mg/kg	1.4	1 6010B	0912 18:00	0918 12:53	AI
Copper, Total	30	mg/kg	0.68	1 6010B	0912 18:00	0918 12:53	AI
Iron, Total	11000	mg/kg	3.4	1 6010B	0912 18:00	0918 12:53	AI
Lead, Total	160	mg/kg	3.4	1 6010B	0912 18:00	0918 12:53	AI
Magnesium, Total	1200	mg/kg	6.8	1 6010B	0912 18:00	0918 12:53	AI
Manganese, Total	66	mg/kg	0.68	1 6010B	0912 18:00	0919 11:39	AI
Mercury, Total	ND	mg/kg	0.12	1 7471A	0912 20:30	0914 14:15	HG
Nickel, Total	15	mg/kg	1.7	1 6010B	0912 18:00	0918 12:53	AI
Potassium, Total	480	mg/kg	170	1 6010B	0912 18:00	0918 12:53	AI
Selenium, Total	ND	mg/kg	1.4	1 6010B	0912 18:00	0919 11:39	AI
Silver, Total	ND	mg/kg	0.68	1 6010B	0912 18:00	0918 12:53	AI
Sodium, Total	ND	mg/kg	140	1 6010B	0912 18:00	0918 12:53	AI
Thallium, Total	ND	mg/kg	1.4	1 6010B	0912 18:00	0918 12:53	AI
Vanadium, Total	30	mg/kg	0.68	1 6010B	0912 18:00	0918 12:53	AI
Zinc, Total	210	mg/kg	3.4	1 6010B	0912 18:00	0918 12:53	AI
Volatile Organics by EPA 8260B							
Methylene chloride	ND	ug/kg	37.	1 8260B		0915 15:29	PD
1,1-Dichloroethane	ND	ug/kg	5.5				
Chloroform	ND	ug/kg	5.5				
Carbon tetrachloride	ND	ug/kg	3.7				
1,2-Dichloropropane	ND	ug/kg	13.				
Dibromochloromethane	ND	ug/kg	3.7				
1,1,2-Trichloroethane	ND	ug/kg	5.5				
Tetrachloroethene	ND	ug/kg	3.7				
Chlorobenzene	ND	ug/kg	3.7				
Trichlorofluoromethane	ND	ug/kg	18.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813447-03
PWG-DW-2008-28(12-12.5')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0915	15:29 PD
1,2-Dichloroethane	ND	ug/kg	3.7				
1,1,1-Trichloroethane	ND	ug/kg	3.7				
Bromodichloromethane	ND	ug/kg	3.7				
trans-1,3-Dichloropropene	ND	ug/kg	3.7				
cis-1,3-Dichloropropene	ND	ug/kg	3.7				
1,1-Dichloropropene	ND	ug/kg	18.				
Bromoform	ND	ug/kg	15.				
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.7				
Benzene	ND	ug/kg	3.7				
Toluene	ND	ug/kg	5.5				
Ethylbenzene	ND	ug/kg	3.7				
Chloromethane	ND	ug/kg	18.				
Bromomethane	ND	ug/kg	7.4				
Vinyl chloride	ND	ug/kg	7.4				
Chloroethane	ND	ug/kg	7.4				
1,1-Dichloroethene	ND	ug/kg	3.7				
trans-1,2-Dichloroethene	ND	ug/kg	5.5				
Trichloroethene	ND	ug/kg	3.7				
1,2-Dichlorobenzene	ND	ug/kg	18.				
1,3-Dichlorobenzene	ND	ug/kg	18.				
1,4-Dichlorobenzene	ND	ug/kg	18.				
Methyl tert butyl ether	ND	ug/kg	7.4				
p/m-Xylene	ND	ug/kg	7.4				
o-Xylene	ND	ug/kg	7.4				
cis-1,2-Dichloroethene	ND	ug/kg	3.7				
Dibromomethane	ND	ug/kg	37.				
Styrene	ND	ug/kg	7.4				
Dichlorodifluoromethane	ND	ug/kg	37.				
Acetone	ND	ug/kg	37.				
Carbon disulfide	ND	ug/kg	37.				
2-Butanone	ND	ug/kg	37.				
Vinyl acetate	ND	ug/kg	37.				
4-Methyl-2-pentanone	ND	ug/kg	37.				
1,2,3-Trichloropropane	ND	ug/kg	37.				
2-Hexanone	ND	ug/kg	37.				
Bromochloromethane	ND	ug/kg	18.				
2,2-Dichloropropane	ND	ug/kg	18.				
1,2-Dibromoethane	ND	ug/kg	15.				
1,3-Dichloropropane	ND	ug/kg	18.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.7				
Bromobenzene	ND	ug/kg	18.				
n-Butylbenzene	ND	ug/kg	3.7				
sec-Butylbenzene	ND	ug/kg	3.7				
tert-Butylbenzene	ND	ug/kg	18.				
o-Chlorotoluene	ND	ug/kg	18.				
p-Chlorotoluene	ND	ug/kg	18.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	18.				
Hexachlorobutadiene	ND	ug/kg	18.				
Isopropylbenzene	ND	ug/kg	3.7				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813447-03
PWG-DW-2008-28(12-12.5')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0915	15:29 PD
p-Isopropyltoluene	ND	ug/kg	3.7				
Naphthalene	ND	ug/kg	18.				
Acrylonitrile	ND	ug/kg	37.				
n-Propylbenzene	ND	ug/kg	3.7				
1,2,3-Trichlorobenzene	ND	ug/kg	18.				
1,2,4-Trichlorobenzene	ND	ug/kg	18.				
1,3,5-Trimethylbenzene	ND	ug/kg	18.				
1,2,4-Trimethylbenzene	ND	ug/kg	18.				
1,4-Diethylbenzene	ND	ug/kg	15.				
4-Ethyltoluene	ND	ug/kg	15.				
1,2,4,5-Tetramethylbenzene	ND	ug/kg	15.				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	94.0	%	70-130				
Toluene-d8	103	%	70-130				
4-Bromofluorobenzene	118	%	70-130				
Dibromofluoromethane	94.0	%	70-130				
Semivolatile Organics by EPA 8270C				1	8270C	0916	19:00 0918 12:17 PS
Acenaphthene	ND	ug/kg	490				
1,2,4-Trichlorobenzene	ND	ug/kg	490				
Hexachlorobenzene	ND	ug/kg	490				
Bis(2-chloroethyl)ether	ND	ug/kg	490				
2-Chloronaphthalene	ND	ug/kg	590				
1,2-Dichlorobenzene	ND	ug/kg	490				
1,3-Dichlorobenzene	ND	ug/kg	490				
1,4-Dichlorobenzene	ND	ug/kg	490				
3,3'-Dichlorobenzidine	ND	ug/kg	980				
2,4-Dinitrotoluene	ND	ug/kg	490				
2,6-Dinitrotoluene	ND	ug/kg	490				
Fluoranthene	ND	ug/kg	490				
4-Chlorophenyl phenyl ether	ND	ug/kg	490				
4-Bromophenyl phenyl ether	ND	ug/kg	490				
Bis(2-chloroisopropyl)ether	ND	ug/kg	490				
Bis(2-chloroethoxy)methane	ND	ug/kg	490				
Hexachlorobutadiene	ND	ug/kg	980				
Hexachlorocyclopentadiene	ND	ug/kg	980				
Hexachloroethane	ND	ug/kg	490				
Isophorone	ND	ug/kg	490				
Naphthalene	ND	ug/kg	490				
Nitrobenzene	ND	ug/kg	490				
NitrosoDiPhenylAmine(NDPA)/DPA	ND	ug/kg	1500				
n-Nitrosodi-n-propylamine	ND	ug/kg	490				
Bis(2-Ethylhexyl)phthalate	ND	ug/kg	980				
Butyl benzyl phthalate	ND	ug/kg	490				
Di-n-butylphthalate	ND	ug/kg	490				
Di-n-octylphthalate	ND	ug/kg	490				
Diethyl phthalate	ND	ug/kg	490				
Dimethyl phthalate	ND	ug/kg	490				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813447-03
PWG-DW-2008-28(12-12.5')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C cont'd				1	8270C	0916 19:00	0918 12:17 PS
Benzo(a)anthracene	ND	ug/kg	490				
Benzo(a)pyrene	ND	ug/kg	490				
Benzo(b)fluoranthene	ND	ug/kg	490				
Benzo(k)fluoranthene	ND	ug/kg	490				
Chrysene	ND	ug/kg	490				
Acenaphthylene	ND	ug/kg	490				
Anthracene	ND	ug/kg	490				
Benzo(ghi)perylene	ND	ug/kg	490				
Fluorene	ND	ug/kg	490				
Phenanthrene	ND	ug/kg	490				
Dibenzo(a,h)anthracene	ND	ug/kg	490				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	490				
Pyrene	ND	ug/kg	490				
Biphenyl	ND	ug/kg	490				
4-Chloroaniline	ND	ug/kg	490				
2-Nitroaniline	ND	ug/kg	490				
3-Nitroaniline	ND	ug/kg	490				
4-Nitroaniline	ND	ug/kg	690				
Dibenzofuran	ND	ug/kg	490				
2-Methylnaphthalene	ND	ug/kg	490				
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	2000				
Acetophenone	ND	ug/kg	2000				
2,4,6-Trichlorophenol	ND	ug/kg	490				
p-Chloro-M-Cresol	ND	ug/kg	490				
2-Chlorophenol	ND	ug/kg	590				
2,4-Dichlorophenol	ND	ug/kg	980				
2,4-Dimethylphenol	ND	ug/kg	490				
2-Nitrophenol	ND	ug/kg	2000				
4-Nitrophenol	ND	ug/kg	980				
2,4-Dinitrophenol	ND	ug/kg	2000				
4,6-Dinitro-o-cresol	ND	ug/kg	2000				
Pentachlorophenol	ND	ug/kg	2000				
Phenol	ND	ug/kg	690				
2-Methylphenol	ND	ug/kg	590				
3-Methylphenol/4-Methylphenol	ND	ug/kg	590				
2,4,5-Trichlorophenol	ND	ug/kg	490				
Benzoic Acid	ND	ug/kg	4900				
Benzyl Alcohol	ND	ug/kg	980				
Carbazole	ND	ug/kg	490				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	60.0	%	25-120				
Phenol-d6	66.0	%	10-120				
Nitrobenzene-d5	52.0	%	23-120				
2-Fluorobiphenyl	61.0	%	30-120				
2,4,6-Tribromophenol	81.0	%	19-120				
4-Terphenyl-d14	68.0	%	18-120				
Semivolatile Organics by EPA 8270C-SIM				1	8270C	0912 21:30	0916 03:33 AK

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813447-03
PWG-DW-2008-28(12-12.5')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C-SIM cont'd				1	8270C	0912 21:30	0916 03:33 AK
Acenaphthene	ND	ug/kg	98.				
2-Chloronaphthalene	ND	ug/kg	98.				
Fluoranthene	220	ug/kg	98				
Hexachlorobutadiene	ND	ug/kg	240				
Naphthalene	ND	ug/kg	98.				
Benzo(a)anthracene	ND	ug/kg	98.				
Benzo(a)pyrene	210	ug/kg	98				
Benzo(b)fluoranthene	180	ug/kg	98				
Benzo(k)fluoranthene	180	ug/kg	98				
Chrysene	ND	ug/kg	98.				
Acenaphthylene	ND	ug/kg	98.				
Anthracene	ND	ug/kg	98.				
Benzo(ghi)perylene	ND	ug/kg	98.				
Fluorene	ND	ug/kg	98.				
Phenanthrene	ND	ug/kg	98.				
Dibenzo(a,h)anthracene	ND	ug/kg	98.				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	98.				
Pyrene	240	ug/kg	98				
2-Methylnaphthalene	ND	ug/kg	98.				
Pentachlorophenol	ND	ug/kg	390				
Hexachlorobenzene	ND	ug/kg	390				
Hexachloroethane	ND	ug/kg	390				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	79.0	%	25-120				
Phenol-d6	87.0	%	10-120				
Nitrobenzene-d5	71.0	%	23-120				
2-Fluorobiphenyl	73.0	%	30-120				
2,4,6-Tribromophenol	72.0	%	19-120				
4-Terphenyl-d14	76.0	%	18-120				
Petroleum Hydrocarbon Quantitation by GC-FID				1	8015B(M)	0916 01:30	0917 21:29 JL
TPH	165000	ug/kg	49000				
Surrogate(s)	Recovery		QC Criteria				
o-Terphenyl	88.0	%	40-140				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813447-04
PWG-DW-2008-29(10-10.5')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0915 16:06 PD	
1,2-Dichloroethane	ND	ug/kg	3.3				
1,1,1-Trichloroethane	ND	ug/kg	3.3				
Bromodichloromethane	ND	ug/kg	3.3				
trans-1,3-Dichloropropene	ND	ug/kg	3.3				
cis-1,3-Dichloropropene	ND	ug/kg	3.3				
1,1-Dichloropropene	ND	ug/kg	16.				
Bromoform	ND	ug/kg	13.				
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.3				
Benzene	ND	ug/kg	3.3				
Toluene	ND	ug/kg	4.9				
Ethylbenzene	ND	ug/kg	3.3				
Chloromethane	ND	ug/kg	16.				
Bromomethane	ND	ug/kg	6.6				
Vinyl chloride	ND	ug/kg	6.6				
Chloroethane	ND	ug/kg	6.6				
1,1-Dichloroethene	ND	ug/kg	3.3				
trans-1,2-Dichloroethene	ND	ug/kg	4.9				
Trichloroethene	ND	ug/kg	3.3				
1,2-Dichlorobenzene	ND	ug/kg	16.				
1,3-Dichlorobenzene	ND	ug/kg	16.				
1,4-Dichlorobenzene	ND	ug/kg	16.				
Methyl tert butyl ether	ND	ug/kg	6.6				
p/m-Xylene	ND	ug/kg	6.6				
o-Xylene	ND	ug/kg	6.6				
cis-1,2-Dichloroethene	ND	ug/kg	3.3				
Dibromomethane	ND	ug/kg	33.				
Styrene	ND	ug/kg	6.6				
Dichlorodifluoromethane	ND	ug/kg	33.				
Acetone	ND	ug/kg	33.				
Carbon disulfide	ND	ug/kg	33.				
2-Butanone	ND	ug/kg	33.				
Vinyl acetate	ND	ug/kg	33.				
4-Methyl-2-pentanone	ND	ug/kg	33.				
1,2,3-Trichloropropane	ND	ug/kg	33.				
2-Hexanone	ND	ug/kg	33.				
Bromochloromethane	ND	ug/kg	16.				
2,2-Dichloropropane	ND	ug/kg	16.				
1,2-Dibromoethane	ND	ug/kg	13.				
1,3-Dichloropropane	ND	ug/kg	16.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.3				
Bromobenzene	ND	ug/kg	16.				
n-Butylbenzene	ND	ug/kg	3.3				
sec-Butylbenzene	ND	ug/kg	3.3				
tert-Butylbenzene	ND	ug/kg	16.				
o-Chlorotoluene	ND	ug/kg	16.				
p-Chlorotoluene	ND	ug/kg	16.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	16.				
Hexachlorobutadiene	ND	ug/kg	16.				
Isopropylbenzene	ND	ug/kg	3.3				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813447-04
PWG-DW-2008-29(10-10.5')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0915	16:06 PD
p-Isopropyltoluene	ND	ug/kg	3.3				
Naphthalene	ND	ug/kg	16.				
Acrylonitrile	ND	ug/kg	33.				
n-Propylbenzene	ND	ug/kg	3.3				
1,2,3-Trichlorobenzene	ND	ug/kg	16.				
1,2,4-Trichlorobenzene	ND	ug/kg	16.				
1,3,5-Trimethylbenzene	ND	ug/kg	16.				
1,2,4-Trimethylbenzene	ND	ug/kg	16.				
1,4-Diethylbenzene	ND	ug/kg	13.				
4-Ethyltoluene	ND	ug/kg	13.				
1,2,4,5-Tetramethylbenzene	ND	ug/kg	13.				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	101	%	70-130				
Toluene-d8	110	%	70-130				
4-Bromofluorobenzene	118	%	70-130				
Dibromofluoromethane	99.0	%	70-130				
Semivolatile Organics by EPA 8270C				1	8270C	0916	19:00 0918 12:40 PS
Acenaphthene	ND	ug/kg	440				
1,2,4-Trichlorobenzene	ND	ug/kg	440				
Hexachlorobenzene	ND	ug/kg	440				
Bis(2-chloroethyl)ether	ND	ug/kg	440				
2-Chloronaphthalene	ND	ug/kg	530				
1,2-Dichlorobenzene	ND	ug/kg	440				
1,3-Dichlorobenzene	ND	ug/kg	440				
1,4-Dichlorobenzene	ND	ug/kg	440				
3,3'-Dichlorobenzidine	ND	ug/kg	880				
2,4-Dinitrotoluene	ND	ug/kg	440				
2,6-Dinitrotoluene	ND	ug/kg	440				
Fluoranthene	ND	ug/kg	440				
4-Chlorophenyl phenyl ether	ND	ug/kg	440				
4-Bromophenyl phenyl ether	ND	ug/kg	440				
Bis(2-chloroisopropyl)ether	ND	ug/kg	440				
Bis(2-chloroethoxy)methane	ND	ug/kg	440				
Hexachlorobutadiene	ND	ug/kg	880				
Hexachlorocyclopentadiene	ND	ug/kg	880				
Hexachloroethane	ND	ug/kg	440				
Isophorone	ND	ug/kg	440				
Naphthalene	ND	ug/kg	440				
Nitrobenzene	ND	ug/kg	440				
NitrosoDiPhenylAmine(NDPA)/DPA	ND	ug/kg	1300				
n-Nitrosodi-n-propylamine	ND	ug/kg	440				
Bis(2-Ethylhexyl)phthalate	ND	ug/kg	880				
Butyl benzyl phthalate	ND	ug/kg	440				
Di-n-butylphthalate	ND	ug/kg	440				
Di-n-octylphthalate	ND	ug/kg	440				
Diethyl phthalate	ND	ug/kg	440				
Dimethyl phthalate	ND	ug/kg	440				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813447-04
PWG-DW-2008-29(10-10.5')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C cont'd				1	8270C	0916 19:00	0918 12:40 PS
Benzo(a)anthracene	ND	ug/kg	440				
Benzo(a)pyrene	ND	ug/kg	440				
Benzo(b)fluoranthene	ND	ug/kg	440				
Benzo(k)fluoranthene	ND	ug/kg	440				
Chrysene	ND	ug/kg	440				
Acenaphthylene	ND	ug/kg	440				
Anthracene	ND	ug/kg	440				
Benzo(ghi)perylene	ND	ug/kg	440				
Fluorene	ND	ug/kg	440				
Phenanthrene	ND	ug/kg	440				
Dibenzo(a,h)anthracene	ND	ug/kg	440				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	440				
Pyrene	ND	ug/kg	440				
Biphenyl	ND	ug/kg	440				
4-Chloroaniline	ND	ug/kg	440				
2-Nitroaniline	ND	ug/kg	440				
3-Nitroaniline	ND	ug/kg	440				
4-Nitroaniline	ND	ug/kg	610				
Dibenzofuran	ND	ug/kg	440				
2-Methylnaphthalene	ND	ug/kg	440				
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	1800				
Acetophenone	ND	ug/kg	1800				
2,4,6-Trichlorophenol	ND	ug/kg	440				
p-Chloro-M-Cresol	ND	ug/kg	440				
2-Chlorophenol	ND	ug/kg	530				
2,4-Dichlorophenol	ND	ug/kg	880				
2,4-Dimethylphenol	ND	ug/kg	440				
2-Nitrophenol	ND	ug/kg	1800				
4-Nitrophenol	ND	ug/kg	880				
2,4-Dinitrophenol	ND	ug/kg	1800				
4,6-Dinitro-o-cresol	ND	ug/kg	1800				
Pentachlorophenol	ND	ug/kg	1800				
Phenol	ND	ug/kg	610				
2-Methylphenol	ND	ug/kg	530				
3-Methylphenol/4-Methylphenol	ND	ug/kg	530				
2,4,5-Trichlorophenol	ND	ug/kg	440				
Benzoic Acid	ND	ug/kg	4400				
Benzyl Alcohol	ND	ug/kg	880				
Carbazole	ND	ug/kg	440				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	83.0	%	25-120				
Phenol-d6	85.0	%	10-120				
Nitrobenzene-d5	71.0	%	23-120				
2-Fluorobiphenyl	76.0	%	30-120				
2,4,6-Tribromophenol	112	%	19-120				
4-Terphenyl-d14	76.0	%	18-120				
Semivolatile Organics by EPA 8270C-SIM				1	8270C	0912 21:30	0916 04:20 AK

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813447-04
PWG-DW-2008-29(10-10.5')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C-SIM cont'd				1	8270C	0912 21:30	0916 04:20 AK
Acenaphthene	ND	ug/kg	88.				
2-Chloronaphthalene	ND	ug/kg	88.				
Fluoranthene	ND	ug/kg	88.				
Hexachlorobutadiene	ND	ug/kg	220				
Naphthalene	ND	ug/kg	88.				
Benzo(a)anthracene	ND	ug/kg	88.				
Benzo(a)pyrene	ND	ug/kg	88.				
Benzo(b)fluoranthene	ND	ug/kg	88.				
Benzo(k)fluoranthene	ND	ug/kg	88.				
Chrysene	ND	ug/kg	88.				
Acenaphthylene	ND	ug/kg	88.				
Anthracene	ND	ug/kg	88.				
Benzo(ghi)perylene	ND	ug/kg	88.				
Fluorene	ND	ug/kg	88.				
Phenanthrene	ND	ug/kg	88.				
Dibenzo(a,h)anthracene	ND	ug/kg	88.				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	88.				
Pyrene	ND	ug/kg	88.				
2-Methylnaphthalene	ND	ug/kg	88.				
Pentachlorophenol	ND	ug/kg	350				
Hexachlorobenzene	ND	ug/kg	350				
Hexachloroethane	ND	ug/kg	350				
Surrogate(s)	Recovery						QC Criteria
2-Fluorophenol	70.0	%					25-120
Phenol-d6	73.0	%					10-120
Nitrobenzene-d5	64.0	%					23-120
2-Fluorobiphenyl	64.0	%					30-120
2,4,6-Tribromophenol	71.0	%					19-120
4-Terphenyl-d14	67.0	%					18-120
Petroleum Hydrocarbon Quantitation by GC-FID				1	8015B(M)	0916 01:30	0917 22:03 JL
TPH	ND	ug/kg	43800				
Surrogate(s)	Recovery						QC Criteria
o-Terphenyl	69.0	%					40-140

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813447-05
PWG-DW-2008-30(8.5-9')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0915 16:42 PD	
1,2-Dichloroethane	ND	ug/kg	5.1				
1,1,1-Trichloroethane	ND	ug/kg	5.1				
Bromodichloromethane	ND	ug/kg	5.1				
trans-1,3-Dichloropropene	ND	ug/kg	5.1				
cis-1,3-Dichloropropene	ND	ug/kg	5.1				
1,1-Dichloropropene	ND	ug/kg	26.				
Bromoform	ND	ug/kg	20.				
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.1				
Benzene	ND	ug/kg	5.1				
Toluene	ND	ug/kg	7.6				
Ethylbenzene	ND	ug/kg	5.1				
Chloromethane	ND	ug/kg	26.				
Bromomethane	ND	ug/kg	10.				
Vinyl chloride	ND	ug/kg	10.				
Chloroethane	ND	ug/kg	10.				
1,1-Dichloroethene	ND	ug/kg	5.1				
trans-1,2-Dichloroethene	ND	ug/kg	7.6				
Trichloroethene	ND	ug/kg	5.1				
1,2-Dichlorobenzene	ND	ug/kg	26.				
1,3-Dichlorobenzene	ND	ug/kg	26.				
1,4-Dichlorobenzene	ND	ug/kg	26.				
Methyl tert butyl ether	ND	ug/kg	10.				
p/m-Xylene	ND	ug/kg	10.				
o-Xylene	ND	ug/kg	10.				
cis-1,2-Dichloroethene	ND	ug/kg	5.1				
Dibromomethane	ND	ug/kg	51.				
Styrene	ND	ug/kg	10.				
Dichlorodifluoromethane	ND	ug/kg	51.				
Acetone	70	ug/kg	51				
Carbon disulfide	ND	ug/kg	51.				
2-Butanone	ND	ug/kg	51.				
Vinyl acetate	ND	ug/kg	51.				
4-Methyl-2-pentanone	ND	ug/kg	51.				
1,2,3-Trichloropropane	ND	ug/kg	51.				
2-Hexanone	ND	ug/kg	51.				
Bromochloromethane	ND	ug/kg	26.				
2,2-Dichloropropane	ND	ug/kg	26.				
1,2-Dibromoethane	ND	ug/kg	20.				
1,3-Dichloropropane	ND	ug/kg	26.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.1				
Bromobenzene	ND	ug/kg	26.				
n-Butylbenzene	ND	ug/kg	5.1				
sec-Butylbenzene	ND	ug/kg	5.1				
tert-Butylbenzene	ND	ug/kg	26.				
o-Chlorotoluene	ND	ug/kg	26.				
p-Chlorotoluene	ND	ug/kg	26.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	26.				
Hexachlorobutadiene	ND	ug/kg	26.				
Isopropylbenzene	ND	ug/kg	5.1				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813447-05
PWG-DW-2008-30(8.5-9')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0915	16:42 PD
p-Isopropyltoluene	11	ug/kg	5.1				
Naphthalene	ND	ug/kg	26.				
Acrylonitrile	ND	ug/kg	51.				
n-Propylbenzene	ND	ug/kg	5.1				
1,2,3-Trichlorobenzene	ND	ug/kg	26.				
1,2,4-Trichlorobenzene	ND	ug/kg	26.				
1,3,5-Trimethylbenzene	ND	ug/kg	26.				
1,2,4-Trimethylbenzene	ND	ug/kg	26.				
1,4-Diethylbenzene	ND	ug/kg	20.				
4-Ethyltoluene	ND	ug/kg	20.				
1,2,4,5-Tetramethylbenzene	ND	ug/kg	20.				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	99.0	%	70-130				
Toluene-d8	113	%	70-130				
4-Bromofluorobenzene	145	%	70-130				
Dibromofluoromethane	101	%	70-130				
Semivolatile Organics by EPA 8270C				1	8270C	0916	19:00 0918 13:04 PS
Acenaphthene	ND	ug/kg	10000				
1,2,4-Trichlorobenzene	ND	ug/kg	10000				
Hexachlorobenzene	ND	ug/kg	10000				
Bis(2-chloroethyl)ether	ND	ug/kg	10000				
2-Chloronaphthalene	ND	ug/kg	12000				
1,2-Dichlorobenzene	ND	ug/kg	10000				
1,3-Dichlorobenzene	ND	ug/kg	10000				
1,4-Dichlorobenzene	ND	ug/kg	10000				
3,3'-Dichlorobenzidine	ND	ug/kg	20000				
2,4-Dinitrotoluene	ND	ug/kg	10000				
2,6-Dinitrotoluene	ND	ug/kg	10000				
Fluoranthene	ND	ug/kg	10000				
4-Chlorophenyl phenyl ether	ND	ug/kg	10000				
4-Bromophenyl phenyl ether	ND	ug/kg	10000				
Bis(2-chloroisopropyl)ether	ND	ug/kg	10000				
Bis(2-chloroethoxy)methane	ND	ug/kg	10000				
Hexachlorobutadiene	ND	ug/kg	20000				
Hexachlorocyclopentadiene	ND	ug/kg	20000				
Hexachloroethane	ND	ug/kg	10000				
Isophorone	ND	ug/kg	10000				
Naphthalene	ND	ug/kg	10000				
Nitrobenzene	ND	ug/kg	10000				
NitrosoDiPhenylAmine(NDPA)/DPA	ND	ug/kg	31000				
n-Nitrosodi-n-propylamine	ND	ug/kg	10000				
Bis(2-Ethylhexyl)phthalate	23000	ug/kg	20000				
Butyl benzyl phthalate	ND	ug/kg	10000				
Di-n-butylphthalate	ND	ug/kg	10000				
Di-n-octylphthalate	ND	ug/kg	10000				
Diethyl phthalate	ND	ug/kg	10000				
Dimethyl phthalate	ND	ug/kg	10000				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813447-05
PWG-DW-2008-30(8.5-9')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C cont'd				1	8270C	0916 19:00	0918 13:04 PS
Benzo(a)anthracene	ND	ug/kg	10000				
Benzo(a)pyrene	ND	ug/kg	10000				
Benzo(b)fluoranthene	ND	ug/kg	10000				
Benzo(k)fluoranthene	ND	ug/kg	10000				
Chrysene	ND	ug/kg	10000				
Acenaphthylene	ND	ug/kg	10000				
Anthracene	ND	ug/kg	10000				
Benzo(ghi)perylene	ND	ug/kg	10000				
Fluorene	ND	ug/kg	10000				
Phenanthrene	ND	ug/kg	10000				
Dibenzo(a,h)anthracene	ND	ug/kg	10000				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	10000				
Pyrene	ND	ug/kg	10000				
Biphenyl	ND	ug/kg	10000				
4-Chloroaniline	ND	ug/kg	10000				
2-Nitroaniline	ND	ug/kg	10000				
3-Nitroaniline	ND	ug/kg	10000				
4-Nitroaniline	ND	ug/kg	14000				
Dibenzofuran	ND	ug/kg	10000				
2-Methylnaphthalene	ND	ug/kg	10000				
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	41000				
Acetophenone	ND	ug/kg	41000				
2,4,6-Trichlorophenol	ND	ug/kg	10000				
p-Chloro-M-Cresol	ND	ug/kg	10000				
2-Chlorophenol	ND	ug/kg	12000				
2,4-Dichlorophenol	ND	ug/kg	20000				
2,4-Dimethylphenol	ND	ug/kg	10000				
2-Nitrophenol	ND	ug/kg	41000				
4-Nitrophenol	ND	ug/kg	20000				
2,4-Dinitrophenol	ND	ug/kg	41000				
4,6-Dinitro-o-cresol	ND	ug/kg	41000				
Pentachlorophenol	ND	ug/kg	41000				
Phenol	ND	ug/kg	14000				
2-Methylphenol	ND	ug/kg	12000				
3-Methylphenol/4-Methylphenol	ND	ug/kg	12000				
2,4,5-Trichlorophenol	ND	ug/kg	10000				
Benzoic Acid	ND	ug/kg	100000				
Benzyl Alcohol	ND	ug/kg	20000				
Carbazole	ND	ug/kg	10000				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	84.0	%	25-120				
Phenol-d6	77.0	%	10-120				
Nitrobenzene-d5	78.0	%	23-120				
2-Fluorobiphenyl	75.0	%	30-120				
2,4,6-Tribromophenol	84.0	%	19-120				
4-Terphenyl-d14	64.0	%	18-120				
Semivolatile Organics by EPA 8270C-SIM				1	8270C	0912 21:30	0916 05:07 AK

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813447-05
PWG-DW-2008-30(8.5-9')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C-SIM cont'd				1	8270C	0912 21:30	0916 05:07 AK
Acenaphthene	ND	ug/kg	2700				
2-Chloronaphthalene	ND	ug/kg	2700				
Fluoranthene	6700	ug/kg	2700				
Hexachlorobutadiene	ND	ug/kg	6800				
Naphthalene	ND	ug/kg	2700				
Benzo(a)anthracene	ND	ug/kg	2700				
Benzo(a)pyrene	5400	ug/kg	2700				
Benzo(b)fluoranthene	5000	ug/kg	2700				
Benzo(k)fluoranthene	4900	ug/kg	2700				
Chrysene	ND	ug/kg	2700				
Acenaphthylene	ND	ug/kg	2700				
Anthracene	ND	ug/kg	2700				
Benzo(ghi)perylene	5900	ug/kg	2700				
Fluorene	ND	ug/kg	2700				
Phenanthrene	ND	ug/kg	2700				
Dibenzo(a,h)anthracene	ND	ug/kg	2700				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	2700				
Pyrene	6500	ug/kg	2700				
2-Methylnaphthalene	ND	ug/kg	2700				
Pentachlorophenol	ND	ug/kg	11000				
Hexachlorobenzene	ND	ug/kg	11000				
Hexachloroethane	ND	ug/kg	11000				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	ND	%	25-120				
Phenol-d6	ND	%	10-120				
Nitrobenzene-d5	ND	%	23-120				
2-Fluorobiphenyl	ND	%	30-120				
2,4,6-Tribromophenol	ND	%	19-120				
4-Terphenyl-d14	ND	%	18-120				
Petroleum Hydrocarbon Quantitation by GC-FID				1	8015B(M)	0916 01:30	0918 11:51 JL
TPH	10700000	ug/kg	3400000				
Surrogate(s)	Recovery		QC Criteria				
o-Terphenyl	92.0	%	40-140				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

MA:M-MA086 NH:2003 CT:PH-0574 ME:MA0086 RI:LAO00065 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0813447-06	Date Collected: 10-SEP-2008 09:45
PWG-DW-2008-31(8-8.5')	Date Received : 11-SEP-2008
Sample Matrix: SOIL	Date Reported : 22-SEP-2008
Condition of Sample: Satisfactory	Field Prep: None
Number & Type of Containers: 3-Amber,1-Vial	

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP ANAL	ID
Solids, Total	68	%	0.10	30 2540G		0913 15:45 NM
Total Metals						
Aluminum, Total	5400	mg/kg	7.2	1 6010B	0912 18:00	0918 13:32 AI
Antimony, Total	ND	mg/kg	3.6	1 6010B	0912 18:00	0918 13:32 AI
Arsenic, Total	1.3	mg/kg	0.72	1 6010B	0912 18:00	0919 12:14 AI
Barium, Total	35	mg/kg	0.72	1 6010B	0912 18:00	0918 13:32 AI
Beryllium, Total	ND	mg/kg	0.36	1 6010B	0912 18:00	0918 13:32 AI
Cadmium, Total	1.2	mg/kg	0.72	1 6010B	0912 18:00	0918 13:32 AI
Calcium, Total	4700	mg/kg	7.2	1 6010B	0912 18:00	0918 13:32 AI
Chromium, Total	29	mg/kg	0.72	1 6010B	0912 18:00	0918 13:32 AI
Cobalt, Total	2.6	mg/kg	1.4	1 6010B	0912 18:00	0918 13:32 AI
Copper, Total	24	mg/kg	0.72	1 6010B	0912 18:00	0918 13:32 AI
Iron, Total	7400	mg/kg	3.6	1 6010B	0912 18:00	0918 13:32 AI
Lead, Total	520	mg/kg	3.6	1 6010B	0912 18:00	0918 13:32 AI
Magnesium, Total	3200	mg/kg	7.2	1 6010B	0912 18:00	0918 13:32 AI
Manganese, Total	54	mg/kg	0.72	1 6010B	0912 18:00	0919 12:14 AI
Mercury, Total	0.59	mg/kg	0.12	1 7471A	0912 20:30	0914 14:20 HG
Nickel, Total	14	mg/kg	1.8	1 6010B	0912 18:00	0918 13:32 AI
Potassium, Total	340	mg/kg	180	1 6010B	0912 18:00	0918 13:32 AI
Selenium, Total	ND	mg/kg	1.4	1 6010B	0912 18:00	0919 12:14 AI
Silver, Total	ND	mg/kg	0.72	1 6010B	0912 18:00	0918 13:32 AI
Sodium, Total	ND	mg/kg	140	1 6010B	0912 18:00	0918 13:32 AI
Thallium, Total	ND	mg/kg	1.4	1 6010B	0912 18:00	0918 13:32 AI
Vanadium, Total	33	mg/kg	0.72	1 6010B	0912 18:00	0918 13:32 AI
Zinc, Total	240	mg/kg	3.6	1 6010B	0912 18:00	0918 13:32 AI
Volatile Organics by EPA 8260B				1 8260B		0915 17:18 PD
Methylene chloride	ND	ug/kg	37.			
1,1-Dichloroethane	ND	ug/kg	5.5			
Chloroform	ND	ug/kg	5.5			
Carbon tetrachloride	ND	ug/kg	3.7			
1,2-Dichloropropane	ND	ug/kg	13.			
Dibromochloromethane	ND	ug/kg	3.7			
1,1,2-Trichloroethane	ND	ug/kg	5.5			
Tetrachloroethene	ND	ug/kg	3.7			
Chlorobenzene	ND	ug/kg	3.7			
Trichlorofluoromethane	ND	ug/kg	18.			

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813447-06
PWG-DW-2008-31(8-8.5')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0915 17:18 PD	
1,2-Dichloroethane	ND	ug/kg	3.7				
1,1,1-Trichloroethane	ND	ug/kg	3.7				
Bromodichloromethane	ND	ug/kg	3.7				
trans-1,3-Dichloropropene	ND	ug/kg	3.7				
cis-1,3-Dichloropropene	ND	ug/kg	3.7				
1,1-Dichloropropene	ND	ug/kg	18.				
Bromoform	ND	ug/kg	15.				
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.7				
Benzene	ND	ug/kg	3.7				
Toluene	ND	ug/kg	5.5				
Ethylbenzene	ND	ug/kg	3.7				
Chloromethane	ND	ug/kg	18.				
Bromomethane	ND	ug/kg	7.4				
Vinyl chloride	ND	ug/kg	7.4				
Chloroethane	ND	ug/kg	7.4				
1,1-Dichloroethene	ND	ug/kg	3.7				
trans-1,2-Dichloroethene	ND	ug/kg	5.5				
Trichloroethene	ND	ug/kg	3.7				
1,2-Dichlorobenzene	ND	ug/kg	18.				
1,3-Dichlorobenzene	ND	ug/kg	18.				
1,4-Dichlorobenzene	ND	ug/kg	18.				
Methyl tert butyl ether	ND	ug/kg	7.4				
p/m-Xylene	ND	ug/kg	7.4				
o-Xylene	ND	ug/kg	7.4				
cis-1,2-Dichloroethene	ND	ug/kg	3.7				
Dibromomethane	ND	ug/kg	37.				
Styrene	ND	ug/kg	7.4				
Dichlorodifluoromethane	ND	ug/kg	37.				
Acetone	ND	ug/kg	37.				
Carbon disulfide	ND	ug/kg	37.				
2-Butanone	ND	ug/kg	37.				
Vinyl acetate	ND	ug/kg	37.				
4-Methyl-2-pentanone	ND	ug/kg	37.				
1,2,3-Trichloropropane	ND	ug/kg	37.				
2-Hexanone	ND	ug/kg	37.				
Bromochloromethane	ND	ug/kg	18.				
2,2-Dichloropropane	ND	ug/kg	18.				
1,2-Dibromoethane	ND	ug/kg	15.				
1,3-Dichloropropane	ND	ug/kg	18.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.7				
Bromobenzene	ND	ug/kg	18.				
n-Butylbenzene	ND	ug/kg	3.7				
sec-Butylbenzene	ND	ug/kg	3.7				
tert-Butylbenzene	ND	ug/kg	18.				
o-Chlorotoluene	ND	ug/kg	18.				
p-Chlorotoluene	ND	ug/kg	18.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	18.				
Hexachlorobutadiene	ND	ug/kg	18.				
Isopropylbenzene	ND	ug/kg	3.7				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813447-06
PWG-DW-2008-31(8-8.5')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0915	17:18 PD
p-Isopropyltoluene	ND	ug/kg	3.7				
Naphthalene	ND	ug/kg	18.				
Acrylonitrile	ND	ug/kg	37.				
n-Propylbenzene	ND	ug/kg	3.7				
1,2,3-Trichlorobenzene	ND	ug/kg	18.				
1,2,4-Trichlorobenzene	ND	ug/kg	18.				
1,3,5-Trimethylbenzene	ND	ug/kg	18.				
1,2,4-Trimethylbenzene	ND	ug/kg	18.				
1,4-Diethylbenzene	ND	ug/kg	15.				
4-Ethyltoluene	ND	ug/kg	15.				
1,2,4,5-Tetramethylbenzene	ND	ug/kg	15.				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	99.0	%	70-130				
Toluene-d8	113	%	70-130				
4-Bromofluorobenzene	123	%	70-130				
Dibromofluoromethane	101	%	70-130				
Semivolatile Organics by EPA 8270C				1	8270C	0916	19:00 0918 13:27 PS
Acenaphthene	ND	ug/kg	4900				
1,2,4-Trichlorobenzene	ND	ug/kg	4900				
Hexachlorobenzene	ND	ug/kg	4900				
Bis(2-chloroethyl)ether	ND	ug/kg	4900				
2-Chloronaphthalene	ND	ug/kg	5900				
1,2-Dichlorobenzene	ND	ug/kg	4900				
1,3-Dichlorobenzene	ND	ug/kg	4900				
1,4-Dichlorobenzene	ND	ug/kg	4900				
3,3'-Dichlorobenzidine	ND	ug/kg	9800				
2,4-Dinitrotoluene	ND	ug/kg	4900				
2,6-Dinitrotoluene	ND	ug/kg	4900				
Fluoranthene	ND	ug/kg	4900				
4-Chlorophenyl phenyl ether	ND	ug/kg	4900				
4-Bromophenyl phenyl ether	ND	ug/kg	4900				
Bis(2-chloroisopropyl)ether	ND	ug/kg	4900				
Bis(2-chloroethoxy)methane	ND	ug/kg	4900				
Hexachlorobutadiene	ND	ug/kg	9800				
Hexachlorocyclopentadiene	ND	ug/kg	9800				
Hexachloroethane	ND	ug/kg	4900				
Isophorone	ND	ug/kg	4900				
Naphthalene	ND	ug/kg	4900				
Nitrobenzene	ND	ug/kg	4900				
NitrosoDiPhenylAmine(NDPA)/DPA	ND	ug/kg	15000				
n-Nitrosodi-n-propylamine	ND	ug/kg	4900				
Bis(2-Ethylhexyl)phthalate	ND	ug/kg	9800				
Butyl benzyl phthalate	ND	ug/kg	4900				
Di-n-butylphthalate	ND	ug/kg	4900				
Di-n-octylphthalate	ND	ug/kg	4900				
Diethyl phthalate	ND	ug/kg	4900				
Dimethyl phthalate	ND	ug/kg	4900				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813447-06
PWG-DW-2008-31(8-8.5')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C cont'd				1	8270C	0916 19:00	0918 13:27 PS
Benzo(a)anthracene	ND	ug/kg	4900				
Benzo(a)pyrene	ND	ug/kg	4900				
Benzo(b)fluoranthene	ND	ug/kg	4900				
Benzo(k)fluoranthene	ND	ug/kg	4900				
Chrysene	ND	ug/kg	4900				
Acenaphthylene	ND	ug/kg	4900				
Anthracene	ND	ug/kg	4900				
Benzo(ghi)perylene	ND	ug/kg	4900				
Fluorene	ND	ug/kg	4900				
Phenanthrene	ND	ug/kg	4900				
Dibenzo(a,h)anthracene	ND	ug/kg	4900				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	4900				
Pyrene	ND	ug/kg	4900				
Biphenyl	ND	ug/kg	4900				
4-Chloroaniline	ND	ug/kg	4900				
2-Nitroaniline	ND	ug/kg	4900				
3-Nitroaniline	ND	ug/kg	4900				
4-Nitroaniline	ND	ug/kg	6900				
Dibenzofuran	ND	ug/kg	4900				
2-Methylnaphthalene	ND	ug/kg	4900				
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	20000				
Acetophenone	ND	ug/kg	20000				
2,4,6-Trichlorophenol	ND	ug/kg	4900				
p-Chloro-M-Cresol	ND	ug/kg	4900				
2-Chlorophenol	ND	ug/kg	5900				
2,4-Dichlorophenol	ND	ug/kg	9800				
2,4-Dimethylphenol	ND	ug/kg	4900				
2-Nitrophenol	ND	ug/kg	20000				
4-Nitrophenol	ND	ug/kg	9800				
2,4-Dinitrophenol	ND	ug/kg	20000				
4,6-Dinitro-o-cresol	ND	ug/kg	20000				
Pentachlorophenol	ND	ug/kg	20000				
Phenol	ND	ug/kg	6900				
2-Methylphenol	ND	ug/kg	5900				
3-Methylphenol/4-Methylphenol	ND	ug/kg	5900				
2,4,5-Trichlorophenol	ND	ug/kg	4900				
Benzoic Acid	ND	ug/kg	49000				
Benzyl Alcohol	ND	ug/kg	9800				
Carbazole	ND	ug/kg	4900				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	69.0	%	25-120				
Phenol-d6	76.0	%	10-120				
Nitrobenzene-d5	69.0	%	23-120				
2-Fluorobiphenyl	72.0	%	30-120				
2,4,6-Tribromophenol	93.0	%	19-120				
4-Terphenyl-d14	63.0	%	18-120				
Semivolatile Organics by EPA 8270C-SIM				1	8270C	0912 21:30	0916 05:54 AK

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813447-06
PWG-DW-2008-31(8-8.5')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C-SIM cont'd				1	8270C	0912 21:30	0916 05:54 AK
Acenaphthene	ND	ug/kg	2000				
2-Chloronaphthalene	ND	ug/kg	2000				
Fluoranthene	3900	ug/kg	2000				
Hexachlorobutadiene	ND	ug/kg	4900				
Naphthalene	ND	ug/kg	2000				
Benzo(a)anthracene	ND	ug/kg	2000				
Benzo(a)pyrene	ND	ug/kg	2000				
Benzo(b)fluoranthene	ND	ug/kg	2000				
Benzo(k)fluoranthene	ND	ug/kg	2000				
Chrysene	ND	ug/kg	2000				
Acenaphthylene	ND	ug/kg	2000				
Anthracene	ND	ug/kg	2000				
Benzo(ghi)perylene	ND	ug/kg	2000				
Fluorene	ND	ug/kg	2000				
Phenanthrene	ND	ug/kg	2000				
Dibenzo(a,h)anthracene	ND	ug/kg	2000				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	2000				
Pyrene	4100	ug/kg	2000				
2-Methylnaphthalene	ND	ug/kg	2000				
Pentachlorophenol	ND	ug/kg	7800				
Hexachlorobenzene	ND	ug/kg	7800				
Hexachloroethane	ND	ug/kg	7800				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	ND	%	25-120				
Phenol-d6	ND	%	10-120				
Nitrobenzene-d5	ND	%	23-120				
2-Fluorobiphenyl	ND	%	30-120				
2,4,6-Tribromophenol	ND	%	19-120				
4-Terphenyl-d14	ND	%	18-120				
Petroleum Hydrocarbon Quantitation by GC-FID				1	8015B(M)	0916 01:30	0917 23:11 JL
TPH	6340000	ug/kg	490000				
Surrogate(s)	Recovery		QC Criteria				
o-Terphenyl	94.0	%	40-140				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS

MA:M-MA086 NH:2003 CT:PH-0574 ME:MA0086 RI:LAO00065 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0813447-07	Date Collected: 10-SEP-2008 10:00
PWG-DW-2008-33(7-7.5')	Date Received : 11-SEP-2008
Sample Matrix: SOIL	Date Reported : 22-SEP-2008
Condition of Sample: Satisfactory	Field Prep: None
Number & Type of Containers: 3-Amber,1-Vial	

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP ANAL	ID
Solids, Total	69	%	0.10	30 2540G		0913 15:45 NM
Total Metals						
Aluminum, Total	2300	mg/kg	7.2	1 6010B	0912 18:00	0918 13:35 AI
Antimony, Total	ND	mg/kg	3.6	1 6010B	0912 18:00	0918 13:35 AI
Arsenic, Total	0.92	mg/kg	0.72	1 6010B	0912 18:00	0919 12:17 AI
Barium, Total	21	mg/kg	0.72	1 6010B	0912 18:00	0918 13:35 AI
Beryllium, Total	ND	mg/kg	0.36	1 6010B	0912 18:00	0918 13:35 AI
Cadmium, Total	0.84	mg/kg	0.72	1 6010B	0912 18:00	0918 13:35 AI
Calcium, Total	12000	mg/kg	7.2	1 6010B	0912 18:00	0918 13:35 AI
Chromium, Total	30	mg/kg	0.72	1 6010B	0912 18:00	0918 13:35 AI
Cobalt, Total	1.8	mg/kg	1.4	1 6010B	0912 18:00	0918 13:35 AI
Copper, Total	24	mg/kg	0.72	1 6010B	0912 18:00	0918 13:35 AI
Iron, Total	3700	mg/kg	3.6	1 6010B	0912 18:00	0918 13:35 AI
Lead, Total	210	mg/kg	3.6	1 6010B	0912 18:00	0918 13:35 AI
Magnesium, Total	7300	mg/kg	7.2	1 6010B	0912 18:00	0918 13:35 AI
Manganese, Total	36	mg/kg	0.72	1 6010B	0912 18:00	0919 12:17 AI
Mercury, Total	0.27	mg/kg	0.11	1 7471A	0912 20:30	0914 14:22 HG
Nickel, Total	9.7	mg/kg	1.8	1 6010B	0912 18:00	0918 13:35 AI
Potassium, Total	200	mg/kg	180	1 6010B	0912 18:00	0918 13:35 AI
Selenium, Total	ND	mg/kg	1.4	1 6010B	0912 18:00	0919 12:17 AI
Silver, Total	ND	mg/kg	0.72	1 6010B	0912 18:00	0918 13:35 AI
Sodium, Total	ND	mg/kg	140	1 6010B	0912 18:00	0918 13:35 AI
Thallium, Total	ND	mg/kg	1.4	1 6010B	0912 18:00	0918 13:35 AI
Vanadium, Total	22	mg/kg	0.72	1 6010B	0912 18:00	0918 13:35 AI
Zinc, Total	170	mg/kg	3.6	1 6010B	0912 18:00	0918 13:35 AI
Volatile Organics by EPA 8260B				1 8260B		0915 17:55 PD
Methylene chloride	ND	ug/kg	36.			
1,1-Dichloroethane	ND	ug/kg	5.4			
Chloroform	ND	ug/kg	5.4			
Carbon tetrachloride	ND	ug/kg	3.6			
1,2-Dichloropropane	ND	ug/kg	13.			
Dibromochloromethane	ND	ug/kg	3.6			
1,1,2-Trichloroethane	ND	ug/kg	5.4			
Tetrachloroethene	ND	ug/kg	3.6			
Chlorobenzene	ND	ug/kg	3.6			
Trichlorofluoromethane	ND	ug/kg	18.			

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813447-07
PWG-DW-2008-33(7-7.5')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0915 17:55 PD	
1,2-Dichloroethane	ND	ug/kg	3.6				
1,1,1-Trichloroethane	ND	ug/kg	3.6				
Bromodichloromethane	ND	ug/kg	3.6				
trans-1,3-Dichloropropene	ND	ug/kg	3.6				
cis-1,3-Dichloropropene	ND	ug/kg	3.6				
1,1-Dichloropropene	ND	ug/kg	18.				
Bromoform	ND	ug/kg	14.				
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.6				
Benzene	ND	ug/kg	3.6				
Toluene	ND	ug/kg	5.4				
Ethylbenzene	ND	ug/kg	3.6				
Chloromethane	ND	ug/kg	18.				
Bromomethane	ND	ug/kg	7.2				
Vinyl chloride	ND	ug/kg	7.2				
Chloroethane	ND	ug/kg	7.2				
1,1-Dichloroethene	ND	ug/kg	3.6				
trans-1,2-Dichloroethene	ND	ug/kg	5.4				
Trichloroethene	ND	ug/kg	3.6				
1,2-Dichlorobenzene	ND	ug/kg	18.				
1,3-Dichlorobenzene	ND	ug/kg	18.				
1,4-Dichlorobenzene	ND	ug/kg	18.				
Methyl tert butyl ether	ND	ug/kg	7.2				
p/m-Xylene	ND	ug/kg	7.2				
o-Xylene	ND	ug/kg	7.2				
cis-1,2-Dichloroethene	ND	ug/kg	3.6				
Dibromomethane	ND	ug/kg	36.				
Styrene	ND	ug/kg	7.2				
Dichlorodifluoromethane	ND	ug/kg	36.				
Acetone	43	ug/kg	36				
Carbon disulfide	ND	ug/kg	36.				
2-Butanone	ND	ug/kg	36.				
Vinyl acetate	ND	ug/kg	36.				
4-Methyl-2-pentanone	ND	ug/kg	36.				
1,2,3-Trichloropropane	ND	ug/kg	36.				
2-Hexanone	ND	ug/kg	36.				
Bromochloromethane	ND	ug/kg	18.				
2,2-Dichloropropane	ND	ug/kg	18.				
1,2-Dibromoethane	ND	ug/kg	14.				
1,3-Dichloropropane	ND	ug/kg	18.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.6				
Bromobenzene	ND	ug/kg	18.				
n-Butylbenzene	ND	ug/kg	3.6				
sec-Butylbenzene	ND	ug/kg	3.6				
tert-Butylbenzene	ND	ug/kg	18.				
o-Chlorotoluene	ND	ug/kg	18.				
p-Chlorotoluene	ND	ug/kg	18.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	18.				
Hexachlorobutadiene	ND	ug/kg	18.				
Isopropylbenzene	ND	ug/kg	3.6				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813447-07
PWG-DW-2008-33(7-7.5')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0915	17:55 PD
p-Isopropyltoluene	ND	ug/kg	3.6				
Naphthalene	ND	ug/kg	18.				
Acrylonitrile	ND	ug/kg	36.				
n-Propylbenzene	ND	ug/kg	3.6				
1,2,3-Trichlorobenzene	ND	ug/kg	18.				
1,2,4-Trichlorobenzene	ND	ug/kg	18.				
1,3,5-Trimethylbenzene	ND	ug/kg	18.				
1,2,4-Trimethylbenzene	ND	ug/kg	18.				
1,4-Diethylbenzene	ND	ug/kg	14.				
4-Ethyltoluene	ND	ug/kg	14.				
1,2,4,5-Tetramethylbenzene	ND	ug/kg	14.				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	100	%	70-130				
Toluene-d8	113	%	70-130				
4-Bromofluorobenzene	128	%	70-130				
Dibromofluoromethane	101	%	70-130				
Semivolatile Organics by EPA 8270C				1	8270C	0916	19:00 0918 13:50 PS
Acenaphthene	ND	ug/kg	7200				
1,2,4-Trichlorobenzene	ND	ug/kg	7200				
Hexachlorobenzene	ND	ug/kg	7200				
Bis(2-chloroethyl)ether	ND	ug/kg	7200				
2-Chloronaphthalene	ND	ug/kg	8700				
1,2-Dichlorobenzene	ND	ug/kg	7200				
1,3-Dichlorobenzene	ND	ug/kg	7200				
1,4-Dichlorobenzene	ND	ug/kg	7200				
3,3'-Dichlorobenzidine	ND	ug/kg	14000				
2,4-Dinitrotoluene	ND	ug/kg	7200				
2,6-Dinitrotoluene	ND	ug/kg	7200				
Fluoranthene	ND	ug/kg	7200				
4-Chlorophenyl phenyl ether	ND	ug/kg	7200				
4-Bromophenyl phenyl ether	ND	ug/kg	7200				
Bis(2-chloroisopropyl)ether	ND	ug/kg	7200				
Bis(2-chloroethoxy)methane	ND	ug/kg	7200				
Hexachlorobutadiene	ND	ug/kg	14000				
Hexachlorocyclopentadiene	ND	ug/kg	14000				
Hexachloroethane	ND	ug/kg	7200				
Isophorone	ND	ug/kg	7200				
Naphthalene	ND	ug/kg	7200				
Nitrobenzene	ND	ug/kg	7200				
NitrosoDiPhenylAmine(NDPA)/DPA	ND	ug/kg	22000				
n-Nitrosodi-n-propylamine	ND	ug/kg	7200				
Bis(2-Ethylhexyl)phthalate	19000	ug/kg	14000				
Butyl benzyl phthalate	ND	ug/kg	7200				
Di-n-butylphthalate	ND	ug/kg	7200				
Di-n-octylphthalate	ND	ug/kg	7200				
Diethyl phthalate	ND	ug/kg	7200				
Dimethyl phthalate	ND	ug/kg	7200				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813447-07
PWG-DW-2008-33(7-7.5')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C cont'd				1	8270C	0916 19:00	0918 13:50 PS
Benzo(a)anthracene	ND	ug/kg	7200				
Benzo(a)pyrene	ND	ug/kg	7200				
Benzo(b)fluoranthene	ND	ug/kg	7200				
Benzo(k)fluoranthene	ND	ug/kg	7200				
Chrysene	ND	ug/kg	7200				
Acenaphthylene	ND	ug/kg	7200				
Anthracene	ND	ug/kg	7200				
Benzo(ghi)perylene	ND	ug/kg	7200				
Fluorene	ND	ug/kg	7200				
Phenanthrene	ND	ug/kg	7200				
Dibenzo(a,h)anthracene	ND	ug/kg	7200				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	7200				
Pyrene	ND	ug/kg	7200				
Biphenyl	ND	ug/kg	7200				
4-Chloroaniline	ND	ug/kg	7200				
2-Nitroaniline	ND	ug/kg	7200				
3-Nitroaniline	ND	ug/kg	7200				
4-Nitroaniline	ND	ug/kg	10000				
Dibenzofuran	ND	ug/kg	7200				
2-Methylnaphthalene	ND	ug/kg	7200				
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	29000				
Acetophenone	ND	ug/kg	29000				
2,4,6-Trichlorophenol	ND	ug/kg	7200				
p-Chloro-M-Cresol	ND	ug/kg	7200				
2-Chlorophenol	ND	ug/kg	8700				
2,4-Dichlorophenol	ND	ug/kg	14000				
2,4-Dimethylphenol	ND	ug/kg	7200				
2-Nitrophenol	ND	ug/kg	29000				
4-Nitrophenol	ND	ug/kg	14000				
2,4-Dinitrophenol	ND	ug/kg	29000				
4,6-Dinitro-o-cresol	ND	ug/kg	29000				
Pentachlorophenol	ND	ug/kg	29000				
Phenol	ND	ug/kg	10000				
2-Methylphenol	ND	ug/kg	8700				
3-Methylphenol/4-Methylphenol	ND	ug/kg	8700				
2,4,5-Trichlorophenol	ND	ug/kg	7200				
Benzoic Acid	ND	ug/kg	72000				
Benzyl Alcohol	ND	ug/kg	14000				
Carbazole	ND	ug/kg	7200				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	103	%	25-120				
Phenol-d6	98.0	%	10-120				
Nitrobenzene-d5	92.0	%	23-120				
2-Fluorobiphenyl	85.0	%	30-120				
2,4,6-Tribromophenol	109	%	19-120				
4-Terphenyl-d14	78.0	%	18-120				
Semivolatile Organics by EPA 8270C-SIM				1	8270C	0912 21:30	0916 06:40 AK

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813447-07
PWG-DW-2008-33(7-7.5')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C-SIM cont'd				1	8270C	0912 21:30	0916 06:40 AK
Acenaphthene	ND	ug/kg	1900				
2-Chloronaphthalene	ND	ug/kg	1900				
Fluoranthene	ND	ug/kg	1900				
Hexachlorobutadiene	ND	ug/kg	4800				
Naphthalene	ND	ug/kg	1900				
Benzo(a)anthracene	ND	ug/kg	1900				
Benzo(a)pyrene	ND	ug/kg	1900				
Benzo(b)fluoranthene	ND	ug/kg	1900				
Benzo(k)fluoranthene	ND	ug/kg	1900				
Chrysene	ND	ug/kg	1900				
Acenaphthylene	ND	ug/kg	1900				
Anthracene	ND	ug/kg	1900				
Benzo(ghi)perylene	ND	ug/kg	1900				
Fluorene	ND	ug/kg	1900				
Phenanthrene	ND	ug/kg	1900				
Dibenzo(a,h)anthracene	ND	ug/kg	1900				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	1900				
Pyrene	ND	ug/kg	1900				
2-Methylnaphthalene	ND	ug/kg	1900				
Pentachlorophenol	ND	ug/kg	7700				
Hexachlorobenzene	ND	ug/kg	7700				
Hexachloroethane	ND	ug/kg	7700				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	ND	%	25-120				
Phenol-d6	ND	%	10-120				
Nitrobenzene-d5	ND	%	23-120				
2-Fluorobiphenyl	ND	%	30-120				
2,4,6-Tribromophenol	ND	%	19-120				
4-Terphenyl-d14	ND	%	18-120				
Petroleum Hydrocarbon Quantitation by GC-FID				1	8015B(M)	0916 01:30	0917 23:46 JL
TPH	3590000	ug/kg	483000				
Surrogate(s)	Recovery		QC Criteria				
o-Terphenyl	89.0	%	40-140				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813447-08
PWG-DW-2008-34(5.5-6')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0915 18:31 PD	
1,2-Dichloroethane	ND	ug/kg	3.8				
1,1,1-Trichloroethane	ND	ug/kg	3.8				
Bromodichloromethane	ND	ug/kg	3.8				
trans-1,3-Dichloropropene	ND	ug/kg	3.8				
cis-1,3-Dichloropropene	ND	ug/kg	3.8				
1,1-Dichloropropene	ND	ug/kg	19.				
Bromoform	ND	ug/kg	15.				
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.8				
Benzene	ND	ug/kg	3.8				
Toluene	ND	ug/kg	5.7				
Ethylbenzene	ND	ug/kg	3.8				
Chloromethane	ND	ug/kg	19.				
Bromomethane	ND	ug/kg	7.6				
Vinyl chloride	ND	ug/kg	7.6				
Chloroethane	ND	ug/kg	7.6				
1,1-Dichloroethene	ND	ug/kg	3.8				
trans-1,2-Dichloroethene	ND	ug/kg	5.7				
Trichloroethene	ND	ug/kg	3.8				
1,2-Dichlorobenzene	ND	ug/kg	19.				
1,3-Dichlorobenzene	ND	ug/kg	19.				
1,4-Dichlorobenzene	ND	ug/kg	19.				
Methyl tert butyl ether	ND	ug/kg	7.6				
p/m-Xylene	ND	ug/kg	7.6				
o-Xylene	ND	ug/kg	7.6				
cis-1,2-Dichloroethene	ND	ug/kg	3.8				
Dibromomethane	ND	ug/kg	38.				
Styrene	ND	ug/kg	7.6				
Dichlorodifluoromethane	ND	ug/kg	38.				
Acetone	48	ug/kg	38				
Carbon disulfide	ND	ug/kg	38.				
2-Butanone	ND	ug/kg	38.				
Vinyl acetate	ND	ug/kg	38.				
4-Methyl-2-pentanone	ND	ug/kg	38.				
1,2,3-Trichloropropane	ND	ug/kg	38.				
2-Hexanone	ND	ug/kg	38.				
Bromochloromethane	ND	ug/kg	19.				
2,2-Dichloropropane	ND	ug/kg	19.				
1,2-Dibromoethane	ND	ug/kg	15.				
1,3-Dichloropropane	ND	ug/kg	19.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.8				
Bromobenzene	ND	ug/kg	19.				
n-Butylbenzene	ND	ug/kg	3.8				
sec-Butylbenzene	ND	ug/kg	3.8				
tert-Butylbenzene	ND	ug/kg	19.				
o-Chlorotoluene	ND	ug/kg	19.				
p-Chlorotoluene	ND	ug/kg	19.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	19.				
Hexachlorobutadiene	ND	ug/kg	19.				
Isopropylbenzene	ND	ug/kg	3.8				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813447-08
PWG-DW-2008-34(5.5-6')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0915	18:31 PD
p-Isopropyltoluene	ND	ug/kg	3.8				
Naphthalene	ND	ug/kg	19.				
Acrylonitrile	ND	ug/kg	38.				
n-Propylbenzene	ND	ug/kg	3.8				
1,2,3-Trichlorobenzene	ND	ug/kg	19.				
1,2,4-Trichlorobenzene	ND	ug/kg	19.				
1,3,5-Trimethylbenzene	ND	ug/kg	19.				
1,2,4-Trimethylbenzene	ND	ug/kg	19.				
1,4-Diethylbenzene	ND	ug/kg	15.				
4-Ethyltoluene	ND	ug/kg	15.				
1,2,4,5-Tetramethylbenzene	ND	ug/kg	15.				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	85.0	%	70-130				
Toluene-d8	94.0	%	70-130				
4-Bromofluorobenzene	99.0	%	70-130				
Dibromofluoromethane	85.0	%	70-130				
Semivolatile Organics by EPA 8270C				1	8270C	0916	19:00 0918 14:14 PS
Acenaphthene	ND	ug/kg	7600				
1,2,4-Trichlorobenzene	ND	ug/kg	7600				
Hexachlorobenzene	ND	ug/kg	7600				
Bis(2-chloroethyl)ether	ND	ug/kg	7600				
2-Chloronaphthalene	ND	ug/kg	9100				
1,2-Dichlorobenzene	ND	ug/kg	7600				
1,3-Dichlorobenzene	ND	ug/kg	7600				
1,4-Dichlorobenzene	ND	ug/kg	7600				
3,3'-Dichlorobenzidine	ND	ug/kg	15000				
2,4-Dinitrotoluene	ND	ug/kg	7600				
2,6-Dinitrotoluene	ND	ug/kg	7600				
Fluoranthene	ND	ug/kg	7600				
4-Chlorophenyl phenyl ether	ND	ug/kg	7600				
4-Bromophenyl phenyl ether	ND	ug/kg	7600				
Bis(2-chloroisopropyl)ether	ND	ug/kg	7600				
Bis(2-chloroethoxy)methane	ND	ug/kg	7600				
Hexachlorobutadiene	ND	ug/kg	15000				
Hexachlorocyclopentadiene	ND	ug/kg	15000				
Hexachloroethane	ND	ug/kg	7600				
Isophorone	ND	ug/kg	7600				
Naphthalene	ND	ug/kg	7600				
Nitrobenzene	ND	ug/kg	7600				
NitrosoDiPhenylAmine(NDPA)/DPA	ND	ug/kg	23000				
n-Nitrosodi-n-propylamine	ND	ug/kg	7600				
Bis(2-Ethylhexyl)phthalate	ND	ug/kg	15000				
Butyl benzyl phthalate	ND	ug/kg	7600				
Di-n-butylphthalate	ND	ug/kg	7600				
Di-n-octylphthalate	ND	ug/kg	7600				
Diethyl phthalate	ND	ug/kg	7600				
Dimethyl phthalate	ND	ug/kg	7600				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813447-08
PWG-DW-2008-34(5.5-6')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C cont'd				1	8270C	0916 19:00	0918 14:14 PS
Benzo(a)anthracene	ND	ug/kg	7600				
Benzo(a)pyrene	ND	ug/kg	7600				
Benzo(b)fluoranthene	ND	ug/kg	7600				
Benzo(k)fluoranthene	ND	ug/kg	7600				
Chrysene	ND	ug/kg	7600				
Acenaphthylene	ND	ug/kg	7600				
Anthracene	ND	ug/kg	7600				
Benzo(ghi)perylene	ND	ug/kg	7600				
Fluorene	ND	ug/kg	7600				
Phenanthrene	ND	ug/kg	7600				
Dibenzo(a,h)anthracene	ND	ug/kg	7600				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	7600				
Pyrene	ND	ug/kg	7600				
Biphenyl	ND	ug/kg	7600				
4-Chloroaniline	ND	ug/kg	7600				
2-Nitroaniline	ND	ug/kg	7600				
3-Nitroaniline	ND	ug/kg	7600				
4-Nitroaniline	ND	ug/kg	11000				
Dibenzofuran	ND	ug/kg	7600				
2-Methylnaphthalene	ND	ug/kg	7600				
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	30000				
Acetophenone	ND	ug/kg	30000				
2,4,6-Trichlorophenol	ND	ug/kg	7600				
p-Chloro-M-Cresol	ND	ug/kg	7600				
2-Chlorophenol	ND	ug/kg	9100				
2,4-Dichlorophenol	ND	ug/kg	15000				
2,4-Dimethylphenol	ND	ug/kg	7600				
2-Nitrophenol	ND	ug/kg	30000				
4-Nitrophenol	ND	ug/kg	15000				
2,4-Dinitrophenol	ND	ug/kg	30000				
4,6-Dinitro-o-cresol	ND	ug/kg	30000				
Pentachlorophenol	ND	ug/kg	30000				
Phenol	ND	ug/kg	11000				
2-Methylphenol	ND	ug/kg	9100				
3-Methylphenol/4-Methylphenol	ND	ug/kg	9100				
2,4,5-Trichlorophenol	ND	ug/kg	7600				
Benzoic Acid	ND	ug/kg	76000				
Benzyl Alcohol	ND	ug/kg	15000				
Carbazole	ND	ug/kg	7600				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	97.0	%	25-120				
Phenol-d6	93.0	%	10-120				
Nitrobenzene-d5	89.0	%	23-120				
2-Fluorobiphenyl	82.0	%	30-120				
2,4,6-Tribromophenol	103	%	19-120				
4-Terphenyl-d14	73.0	%	18-120				
Semivolatile Organics by EPA 8270C-SIM				1	8270C	0912 21:30	0916 07:26 AK

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813447-08
PWG-DW-2008-34(5.5-6')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C-SIM cont'd				1	8270C	0912 21:30	0916 07:26 AK
Acenaphthene	ND	ug/kg	2000				
2-Chloronaphthalene	ND	ug/kg	2000				
Fluoranthene	ND	ug/kg	2000				
Hexachlorobutadiene	ND	ug/kg	5000				
Naphthalene	ND	ug/kg	2000				
Benzo(a)anthracene	ND	ug/kg	2000				
Benzo(a)pyrene	ND	ug/kg	2000				
Benzo(b)fluoranthene	ND	ug/kg	2000				
Benzo(k)fluoranthene	ND	ug/kg	2000				
Chrysene	ND	ug/kg	2000				
Acenaphthylene	ND	ug/kg	2000				
Anthracene	ND	ug/kg	2000				
Benzo(ghi)perylene	ND	ug/kg	2000				
Fluorene	ND	ug/kg	2000				
Phenanthrene	2000	ug/kg	2000				
Dibenzo(a,h)anthracene	ND	ug/kg	2000				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	2000				
Pyrene	ND	ug/kg	2000				
2-Methylnaphthalene	11000	ug/kg	2000				
Pentachlorophenol	ND	ug/kg	8100				
Hexachlorobenzene	ND	ug/kg	8100				
Hexachloroethane	ND	ug/kg	8100				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	ND	%	25-120				
Phenol-d6	ND	%	10-120				
Nitrobenzene-d5	ND	%	23-120				
2-Fluorobiphenyl	ND	%	30-120				
2,4,6-Tribromophenol	ND	%	19-120				
4-Terphenyl-d14	ND	%	18-120				
Petroleum Hydrocarbon Quantitation by GC-FID				1	8015B(M)	0916 01:30	0918 00:20 JL
TPH	4820000	ug/kg	505000				
Surrogate(s)	Recovery		QC Criteria				
o-Terphenyl	89.0	%	40-140				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813447-09
PWG-DW-2008-37(11-11.5')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0915 19:08 PD	
1,2-Dichloroethane	ND	ug/kg	4.6				
1,1,1-Trichloroethane	ND	ug/kg	4.6				
Bromodichloromethane	ND	ug/kg	4.6				
trans-1,3-Dichloropropene	ND	ug/kg	4.6				
cis-1,3-Dichloropropene	ND	ug/kg	4.6				
1,1-Dichloropropene	ND	ug/kg	23.				
Bromoform	ND	ug/kg	18.				
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.6				
Benzene	ND	ug/kg	4.6				
Toluene	ND	ug/kg	6.9				
Ethylbenzene	ND	ug/kg	4.6				
Chloromethane	ND	ug/kg	23.				
Bromomethane	ND	ug/kg	9.2				
Vinyl chloride	ND	ug/kg	9.2				
Chloroethane	ND	ug/kg	9.2				
1,1-Dichloroethene	ND	ug/kg	4.6				
trans-1,2-Dichloroethene	ND	ug/kg	6.9				
Trichloroethene	ND	ug/kg	4.6				
1,2-Dichlorobenzene	ND	ug/kg	23.				
1,3-Dichlorobenzene	ND	ug/kg	23.				
1,4-Dichlorobenzene	ND	ug/kg	23.				
Methyl tert butyl ether	ND	ug/kg	9.2				
p/m-Xylene	ND	ug/kg	9.2				
o-Xylene	ND	ug/kg	9.2				
cis-1,2-Dichloroethene	ND	ug/kg	4.6				
Dibromomethane	ND	ug/kg	46.				
Styrene	ND	ug/kg	9.2				
Dichlorodifluoromethane	ND	ug/kg	46.				
Acetone	67	ug/kg	46				
Carbon disulfide	ND	ug/kg	46.				
2-Butanone	ND	ug/kg	46.				
Vinyl acetate	ND	ug/kg	46.				
4-Methyl-2-pentanone	ND	ug/kg	46.				
1,2,3-Trichloropropane	ND	ug/kg	46.				
2-Hexanone	ND	ug/kg	46.				
Bromochloromethane	ND	ug/kg	23.				
2,2-Dichloropropane	ND	ug/kg	23.				
1,2-Dibromoethane	ND	ug/kg	18.				
1,3-Dichloropropane	ND	ug/kg	23.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.6				
Bromobenzene	ND	ug/kg	23.				
n-Butylbenzene	ND	ug/kg	4.6				
sec-Butylbenzene	ND	ug/kg	4.6				
tert-Butylbenzene	ND	ug/kg	23.				
o-Chlorotoluene	ND	ug/kg	23.				
p-Chlorotoluene	ND	ug/kg	23.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	23.				
Hexachlorobutadiene	ND	ug/kg	23.				
Isopropylbenzene	ND	ug/kg	4.6				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813447-09
PWG-DW-2008-37(11-11.5')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0915	19:08 PD
p-Isopropyltoluene	ND	ug/kg	4.6				
Naphthalene	ND	ug/kg	23.				
Acrylonitrile	ND	ug/kg	46.				
n-Propylbenzene	ND	ug/kg	4.6				
1,2,3-Trichlorobenzene	ND	ug/kg	23.				
1,2,4-Trichlorobenzene	ND	ug/kg	23.				
1,3,5-Trimethylbenzene	ND	ug/kg	23.				
1,2,4-Trimethylbenzene	ND	ug/kg	23.				
1,4-Diethylbenzene	ND	ug/kg	18.				
4-Ethyltoluene	ND	ug/kg	18.				
1,2,4,5-Tetramethylbenzene	ND	ug/kg	18.				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	97.0	%	70-130				
Toluene-d8	109	%	70-130				
4-Bromofluorobenzene	125	%	70-130				
Dibromofluoromethane	98.0	%	70-130				
Semivolatile Organics by EPA 8270C				1	8270C	0916	19:00 0918 14:37 PS
Acenaphthene	ND	ug/kg	31000				
1,2,4-Trichlorobenzene	ND	ug/kg	31000				
Hexachlorobenzene	ND	ug/kg	31000				
Bis(2-chloroethyl)ether	ND	ug/kg	31000				
2-Chloronaphthalene	ND	ug/kg	37000				
1,2-Dichlorobenzene	ND	ug/kg	31000				
1,3-Dichlorobenzene	ND	ug/kg	31000				
1,4-Dichlorobenzene	ND	ug/kg	31000				
3,3'-Dichlorobenzidine	ND	ug/kg	62000				
2,4-Dinitrotoluene	ND	ug/kg	31000				
2,6-Dinitrotoluene	ND	ug/kg	31000				
Fluoranthene	ND	ug/kg	31000				
4-Chlorophenyl phenyl ether	ND	ug/kg	31000				
4-Bromophenyl phenyl ether	ND	ug/kg	31000				
Bis(2-chloroisopropyl)ether	ND	ug/kg	31000				
Bis(2-chloroethoxy)methane	ND	ug/kg	31000				
Hexachlorobutadiene	ND	ug/kg	62000				
Hexachlorocyclopentadiene	ND	ug/kg	62000				
Hexachloroethane	ND	ug/kg	31000				
Isophorone	ND	ug/kg	31000				
Naphthalene	ND	ug/kg	31000				
Nitrobenzene	ND	ug/kg	31000				
NitrosoDiPhenylAmine(NDPA)/DPA	ND	ug/kg	92000				
n-Nitrosodi-n-propylamine	ND	ug/kg	31000				
Bis(2-Ethylhexyl)phthalate	ND	ug/kg	62000				
Butyl benzyl phthalate	ND	ug/kg	31000				
Di-n-butylphthalate	ND	ug/kg	31000				
Di-n-octylphthalate	ND	ug/kg	31000				
Diethyl phthalate	ND	ug/kg	31000				
Dimethyl phthalate	ND	ug/kg	31000				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813447-09
PWG-DW-2008-37(11-11.5')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C cont'd				1	8270C	0916 19:00	0918 14:37 PS
Benzo(a)anthracene	ND	ug/kg	31000				
Benzo(a)pyrene	ND	ug/kg	31000				
Benzo(b)fluoranthene	ND	ug/kg	31000				
Benzo(k)fluoranthene	ND	ug/kg	31000				
Chrysene	ND	ug/kg	31000				
Acenaphthylene	ND	ug/kg	31000				
Anthracene	ND	ug/kg	31000				
Benzo(ghi)perylene	ND	ug/kg	31000				
Fluorene	ND	ug/kg	31000				
Phenanthrene	ND	ug/kg	31000				
Dibenzo(a,h)anthracene	ND	ug/kg	31000				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	31000				
Pyrene	ND	ug/kg	31000				
Biphenyl	ND	ug/kg	31000				
4-Chloroaniline	ND	ug/kg	31000				
2-Nitroaniline	ND	ug/kg	31000				
3-Nitroaniline	ND	ug/kg	31000				
4-Nitroaniline	ND	ug/kg	43000				
Dibenzofuran	ND	ug/kg	31000				
2-Methylnaphthalene	ND	ug/kg	31000				
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	120000				
Acetophenone	ND	ug/kg	120000				
2,4,6-Trichlorophenol	ND	ug/kg	31000				
p-Chloro-M-Cresol	ND	ug/kg	31000				
2-Chlorophenol	ND	ug/kg	37000				
2,4-Dichlorophenol	ND	ug/kg	62000				
2,4-Dimethylphenol	ND	ug/kg	31000				
2-Nitrophenol	ND	ug/kg	120000				
4-Nitrophenol	ND	ug/kg	62000				
2,4-Dinitrophenol	ND	ug/kg	120000				
4,6-Dinitro-o-cresol	ND	ug/kg	120000				
Pentachlorophenol	ND	ug/kg	120000				
Phenol	ND	ug/kg	43000				
2-Methylphenol	ND	ug/kg	37000				
3-Methylphenol/4-Methylphenol	ND	ug/kg	37000				
2,4,5-Trichlorophenol	ND	ug/kg	31000				
Benzoic Acid	ND	ug/kg	310000				
Benzyl Alcohol	ND	ug/kg	62000				
Carbazole	ND	ug/kg	31000				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	ND	%	25-120				
Phenol-d6	ND	%	10-120				
Nitrobenzene-d5	ND	%	23-120				
2-Fluorobiphenyl	ND	%	30-120				
2,4,6-Tribromophenol	ND	%	19-120				
4-Terphenyl-d14	ND	%	18-120				
Semivolatile Organics by EPA 8270C-SIM				1	8270C	0912 21:30	0916 08:12 AK

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813447-09
PWG-DW-2008-37(11-11.5')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C-SIM cont'd				1	8270C	0912 21:30	0916 08:12 AK
Acenaphthene	ND	ug/kg	2500				
2-Chloronaphthalene	ND	ug/kg	2500				
Fluoranthene	4800	ug/kg	2500				
Hexachlorobutadiene	ND	ug/kg	6200				
Naphthalene	ND	ug/kg	2500				
Benzo(a)anthracene	ND	ug/kg	2500				
Benzo(a)pyrene	ND	ug/kg	2500				
Benzo(b)fluoranthene	ND	ug/kg	2500				
Benzo(k)fluoranthene	ND	ug/kg	2500				
Chrysene	ND	ug/kg	2500				
Acenaphthylene	ND	ug/kg	2500				
Anthracene	ND	ug/kg	2500				
Benzo(ghi)perylene	ND	ug/kg	2500				
Fluorene	ND	ug/kg	2500				
Phenanthrene	ND	ug/kg	2500				
Dibenzo(a,h)anthracene	ND	ug/kg	2500				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	2500				
Pyrene	5000	ug/kg	2500				
2-Methylnaphthalene	ND	ug/kg	2500				
Pentachlorophenol	ND	ug/kg	9900				
Hexachlorobenzene	ND	ug/kg	9900				
Hexachloroethane	ND	ug/kg	9900				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	ND	%	25-120				
Phenol-d6	ND	%	10-120				
Nitrobenzene-d5	ND	%	23-120				
2-Fluorobiphenyl	ND	%	30-120				
2,4,6-Tribromophenol	ND	%	19-120				
4-Terphenyl-d14	ND	%	18-120				
Petroleum Hydrocarbon Quantitation by GC-FID				1	8015B(M)	0916 01:30	0918 11:18 JL
TPH	9730000	ug/kg	3090000				
Surrogate(s)	Recovery		QC Criteria				
o-Terphenyl	92.0	%	40-140				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813447-10
PWG-DW-2008-101(5.5-6')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0915 19:44 PD	
1,2-Dichloroethane	ND	ug/kg	3.9				
1,1,1-Trichloroethane	ND	ug/kg	3.9				
Bromodichloromethane	ND	ug/kg	3.9				
trans-1,3-Dichloropropene	ND	ug/kg	3.9				
cis-1,3-Dichloropropene	ND	ug/kg	3.9				
1,1-Dichloropropene	ND	ug/kg	20.				
Bromoform	ND	ug/kg	16.				
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.9				
Benzene	ND	ug/kg	3.9				
Toluene	ND	ug/kg	5.8				
Ethylbenzene	ND	ug/kg	3.9				
Chloromethane	ND	ug/kg	20.				
Bromomethane	ND	ug/kg	7.8				
Vinyl chloride	ND	ug/kg	7.8				
Chloroethane	ND	ug/kg	7.8				
1,1-Dichloroethene	ND	ug/kg	3.9				
trans-1,2-Dichloroethene	ND	ug/kg	5.8				
Trichloroethene	ND	ug/kg	3.9				
1,2-Dichlorobenzene	ND	ug/kg	20.				
1,3-Dichlorobenzene	ND	ug/kg	20.				
1,4-Dichlorobenzene	ND	ug/kg	20.				
Methyl tert butyl ether	ND	ug/kg	7.8				
p/m-Xylene	ND	ug/kg	7.8				
o-Xylene	ND	ug/kg	7.8				
cis-1,2-Dichloroethene	ND	ug/kg	3.9				
Dibromomethane	ND	ug/kg	39.				
Styrene	ND	ug/kg	7.8				
Dichlorodifluoromethane	ND	ug/kg	39.				
Acetone	180	ug/kg	39				
Carbon disulfide	ND	ug/kg	39.				
2-Butanone	58	ug/kg	39				
Vinyl acetate	ND	ug/kg	39.				
4-Methyl-2-pentanone	ND	ug/kg	39.				
1,2,3-Trichloropropane	ND	ug/kg	39.				
2-Hexanone	ND	ug/kg	39.				
Bromochloromethane	ND	ug/kg	20.				
2,2-Dichloropropane	ND	ug/kg	20.				
1,2-Dibromoethane	ND	ug/kg	16.				
1,3-Dichloropropane	ND	ug/kg	20.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.9				
Bromobenzene	ND	ug/kg	20.				
n-Butylbenzene	7.5	ug/kg	3.9				
sec-Butylbenzene	10	ug/kg	3.9				
tert-Butylbenzene	ND	ug/kg	20.				
o-Chlorotoluene	ND	ug/kg	20.				
p-Chlorotoluene	ND	ug/kg	20.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	20.				
Hexachlorobutadiene	ND	ug/kg	20.				
Isopropylbenzene	22	ug/kg	3.9				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813447-10
PWG-DW-2008-101(5.5-6')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0915 19:44 PD	
p-Isopropyltoluene	ND	ug/kg	3.9				
Naphthalene	ND	ug/kg	20.				
Acrylonitrile	ND	ug/kg	39.				
n-Propylbenzene	11	ug/kg	3.9				
1,2,3-Trichlorobenzene	ND	ug/kg	20.				
1,2,4-Trichlorobenzene	ND	ug/kg	20.				
1,3,5-Trimethylbenzene	ND	ug/kg	20.				
1,2,4-Trimethylbenzene	ND	ug/kg	20.				
1,4-Diethylbenzene	18	ug/kg	16				
4-Ethyltoluene	ND	ug/kg	16.				
1,2,4,5-Tetramethylbenzene	20	ug/kg	16				
Surrogate(s)	Recovery		QC Criteria				
1,2-Dichloroethane-d4	117	%	70-130				
Toluene-d8	131	%	70-130				
4-Bromofluorobenzene	180	%	70-130				
Dibromofluoromethane	118	%	70-130				
Volatile Organics by EPA 8260B				1	8260B	0916 15:13 PD	
Methylene chloride	ND	ug/kg	39.				
1,1-Dichloroethane	ND	ug/kg	5.8				
Chloroform	ND	ug/kg	5.8				
Carbon tetrachloride	ND	ug/kg	3.9				
1,2-Dichloropropane	ND	ug/kg	14.				
Dibromochloromethane	ND	ug/kg	3.9				
1,1,2-Trichloroethane	ND	ug/kg	5.8				
Tetrachloroethene	ND	ug/kg	3.9				
Chlorobenzene	ND	ug/kg	3.9				
Trichlorofluoromethane	ND	ug/kg	20.				
1,2-Dichloroethane	ND	ug/kg	3.9				
1,1,1-Trichloroethane	ND	ug/kg	3.9				
Bromodichloromethane	ND	ug/kg	3.9				
trans-1,3-Dichloropropene	ND	ug/kg	3.9				
cis-1,3-Dichloropropene	ND	ug/kg	3.9				
1,1-Dichloropropene	ND	ug/kg	20.				
Bromoform	ND	ug/kg	16.				
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.9				
Benzene	ND	ug/kg	3.9				
Toluene	ND	ug/kg	5.8				
Ethylbenzene	ND	ug/kg	3.9				
Chloromethane	ND	ug/kg	20.				
Bromomethane	ND	ug/kg	7.8				
Vinyl chloride	ND	ug/kg	7.8				
Chloroethane	ND	ug/kg	7.8				
1,1-Dichloroethene	ND	ug/kg	3.9				
trans-1,2-Dichloroethene	ND	ug/kg	5.8				
Trichloroethene	ND	ug/kg	3.9				
1,2-Dichlorobenzene	ND	ug/kg	20.				
1,3-Dichlorobenzene	ND	ug/kg	20.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813447-10
PWG-DW-2008-101(5.5-6')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0916	15:13 PD
1,4-Dichlorobenzene	ND	ug/kg	20.				
Methyl tert butyl ether	ND	ug/kg	7.8				
p/m-Xylene	ND	ug/kg	7.8				
o-Xylene	ND	ug/kg	7.8				
cis-1,2-Dichloroethene	ND	ug/kg	3.9				
Dibromomethane	ND	ug/kg	39.				
Styrene	ND	ug/kg	7.8				
Dichlorodifluoromethane	ND	ug/kg	39.				
Acetone	190	ug/kg	39				
Carbon disulfide	ND	ug/kg	39.				
2-Butanone	59	ug/kg	39				
Vinyl acetate	ND	ug/kg	39.				
4-Methyl-2-pentanone	ND	ug/kg	39.				
1,2,3-Trichloropropane	ND	ug/kg	39.				
2-Hexanone	ND	ug/kg	39.				
Bromochloromethane	ND	ug/kg	20.				
2,2-Dichloropropane	ND	ug/kg	20.				
1,2-Dibromoethane	ND	ug/kg	16.				
1,3-Dichloropropane	ND	ug/kg	20.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.9				
Bromobenzene	ND	ug/kg	20.				
n-Butylbenzene	13	ug/kg	3.9				
sec-Butylbenzene	16	ug/kg	3.9				
tert-Butylbenzene	ND	ug/kg	20.				
o-Chlorotoluene	ND	ug/kg	20.				
p-Chlorotoluene	ND	ug/kg	20.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	20.				
Hexachlorobutadiene	ND	ug/kg	20.				
Isopropylbenzene	28	ug/kg	3.9				
p-Isopropyltoluene	ND	ug/kg	3.9				
Naphthalene	ND	ug/kg	20.				
Acrylonitrile	ND	ug/kg	39.				
n-Propylbenzene	16	ug/kg	3.9				
1,2,3-Trichlorobenzene	ND	ug/kg	20.				
1,2,4-Trichlorobenzene	ND	ug/kg	20.				
1,3,5-Trimethylbenzene	ND	ug/kg	20.				
1,2,4-Trimethylbenzene	ND	ug/kg	20.				
1,4-Diethylbenzene	ND	ug/kg	16.				
4-Ethyltoluene	ND	ug/kg	16.				
1,2,4,5-Tetramethylbenzene	31	ug/kg	16				
Surrogate(s)	Recovery		QC Criteria				
1,2-Dichloroethane-d4	97.0	%	70-130				
Toluene-d8	106	%	70-130				
4-Bromofluorobenzene	134	%	70-130				
Dibromofluoromethane	97.0	%	70-130				
Semivolatile Organics by EPA 8270C				1	8270C	0916	19:00 0918 15:00 PS
Acenaphthene	ND	ug/kg	7800				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813447-10
PWG-DW-2008-101(5.5-6')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C cont'd				1 8270C	0916 19:00	0918 15:00	PS
1,2,4-Trichlorobenzene	ND	ug/kg	7800				
Hexachlorobenzene	ND	ug/kg	7800				
Bis(2-chloroethyl)ether	ND	ug/kg	7800				
2-Chloronaphthalene	ND	ug/kg	9400				
1,2-Dichlorobenzene	ND	ug/kg	7800				
1,3-Dichlorobenzene	ND	ug/kg	7800				
1,4-Dichlorobenzene	ND	ug/kg	7800				
3,3'-Dichlorobenzidine	ND	ug/kg	16000				
2,4-Dinitrotoluene	ND	ug/kg	7800				
2,6-Dinitrotoluene	ND	ug/kg	7800				
Fluoranthene	ND	ug/kg	7800				
4-Chlorophenyl phenyl ether	ND	ug/kg	7800				
4-Bromophenyl phenyl ether	ND	ug/kg	7800				
Bis(2-chloroisopropyl)ether	ND	ug/kg	7800				
Bis(2-chloroethoxy)methane	ND	ug/kg	7800				
Hexachlorobutadiene	ND	ug/kg	16000				
Hexachlorocyclopentadiene	ND	ug/kg	16000				
Hexachloroethane	ND	ug/kg	7800				
Isophorone	ND	ug/kg	7800				
Naphthalene	ND	ug/kg	7800				
Nitrobenzene	ND	ug/kg	7800				
NitrosoDiPhenylAmine(NDPA)/DPA	ND	ug/kg	23000				
n-Nitrosodi-n-propylamine	ND	ug/kg	7800				
Bis(2-Ethylhexyl)phthalate	ND	ug/kg	16000				
Butyl benzyl phthalate	ND	ug/kg	7800				
Di-n-butylphthalate	ND	ug/kg	7800				
Di-n-octylphthalate	ND	ug/kg	7800				
Diethyl phthalate	ND	ug/kg	7800				
Dimethyl phthalate	ND	ug/kg	7800				
Benzo(a)anthracene	ND	ug/kg	7800				
Benzo(a)pyrene	ND	ug/kg	7800				
Benzo(b)fluoranthene	ND	ug/kg	7800				
Benzo(k)fluoranthene	ND	ug/kg	7800				
Chrysene	ND	ug/kg	7800				
Acenaphthylene	ND	ug/kg	7800				
Anthracene	ND	ug/kg	7800				
Benzo(ghi)perylene	ND	ug/kg	7800				
Fluorene	ND	ug/kg	7800				
Phenanthrene	ND	ug/kg	7800				
Dibenzo(a,h)anthracene	ND	ug/kg	7800				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	7800				
Pyrene	ND	ug/kg	7800				
Biphenyl	ND	ug/kg	7800				
4-Chloroaniline	ND	ug/kg	7800				
2-Nitroaniline	ND	ug/kg	7800				
3-Nitroaniline	ND	ug/kg	7800				
4-Nitroaniline	ND	ug/kg	11000				
Dibenzofuran	ND	ug/kg	7800				
2-Methylnaphthalene	8600	ug/kg	7800				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813447-10
PWG-DW-2008-101(5.5-6')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C cont'd				1	8270C	0916 19:00	0918 15:00 PS
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	31000				
Acetophenone	ND	ug/kg	31000				
2,4,6-Trichlorophenol	ND	ug/kg	7800				
P-Chloro-M-Cresol	ND	ug/kg	7800				
2-Chlorophenol	ND	ug/kg	9400				
2,4-Dichlorophenol	ND	ug/kg	16000				
2,4-Dimethylphenol	ND	ug/kg	7800				
2-Nitrophenol	ND	ug/kg	31000				
4-Nitrophenol	ND	ug/kg	16000				
2,4-Dinitrophenol	ND	ug/kg	31000				
4,6-Dinitro-o-cresol	ND	ug/kg	31000				
Pentachlorophenol	ND	ug/kg	31000				
Phenol	ND	ug/kg	11000				
2-Methylphenol	ND	ug/kg	9400				
3-Methylphenol/4-Methylphenol	ND	ug/kg	9400				
2,4,5-Trichlorophenol	ND	ug/kg	7800				
Benzoic Acid	ND	ug/kg	78000				
Benzyl Alcohol	ND	ug/kg	16000				
Carbazole	ND	ug/kg	7800				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	102	%	25-120				
Phenol-d6	97.0	%	10-120				
Nitrobenzene-d5	91.0	%	23-120				
2-Fluorobiphenyl	81.0	%	30-120				
2,4,6-Tribromophenol	111	%	19-120				
4-Terphenyl-d14	74.0	%	18-120				
Semivolatile Organics by EPA 8270C-SIM				1	8270C	0912 21:30	0916 08:59 AK
Acenaphthene	ND	ug/kg	2100				
2-Chloronaphthalene	ND	ug/kg	2100				
Fluoranthene	ND	ug/kg	2100				
Hexachlorobutadiene	ND	ug/kg	5200				
Naphthalene	ND	ug/kg	2100				
Benzo(a)anthracene	ND	ug/kg	2100				
Benzo(a)pyrene	ND	ug/kg	2100				
Benzo(b)fluoranthene	ND	ug/kg	2100				
Benzo(k)fluoranthene	ND	ug/kg	2100				
Chrysene	ND	ug/kg	2100				
Acenaphthylene	ND	ug/kg	2100				
Anthracene	ND	ug/kg	2100				
Benzo(ghi)perylene	ND	ug/kg	2100				
Fluorene	ND	ug/kg	2100				
Phenanthrene	ND	ug/kg	2100				
Dibenzo(a,h)anthracene	ND	ug/kg	2100				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	2100				
Pyrene	ND	ug/kg	2100				
2-Methylnaphthalene	13000	ug/kg	2100				
Pentachlorophenol	ND	ug/kg	8300				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813447-10
PWG-DW-2008-101(5.5-6')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C-SIM cont'd				1	8270C	0912 21:30	0916 08:59 AK
Hexachlorobenzene	ND	ug/kg	8300				
Hexachloroethane	ND	ug/kg	8300				
Surrogate(s)	Recovery						QC Criteria
2-Fluorophenol	ND	%	25-120				
Phenol-d6	ND	%	10-120				
Nitrobenzene-d5	ND	%	23-120				
2-Fluorobiphenyl	ND	%	30-120				
2,4,6-Tribromophenol	ND	%	19-120				
4-Terphenyl-d14	ND	%	18-120				
Petroleum Hydrocarbon Quantitation by GC-FID				1	8015B(M)	0916 01:30	0918 01:28 JL
TPH	5530000	ug/kg	521000				
Surrogate(s)	Recovery						QC Criteria
o-Terphenyl	93.0	%	40-140				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813447-11
PWG-DW-2008-38(7-7.5')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0915 20:21 PD	
1,2-Dichloroethane	ND	ug/kg	3.7				
1,1,1-Trichloroethane	ND	ug/kg	3.7				
Bromodichloromethane	ND	ug/kg	3.7				
trans-1,3-Dichloropropene	ND	ug/kg	3.7				
cis-1,3-Dichloropropene	ND	ug/kg	3.7				
1,1-Dichloropropene	ND	ug/kg	18.				
Bromoform	ND	ug/kg	15.				
1,1,2,2-Tetrachloroethane	280	ug/kg	3.7				
Benzene	ND	ug/kg	3.7				
Toluene	25	ug/kg	5.5				
Ethylbenzene	4.5	ug/kg	3.7				
Chloromethane	ND	ug/kg	18.				
Bromomethane	ND	ug/kg	7.4				
Vinyl chloride	ND	ug/kg	7.4				
Chloroethane	ND	ug/kg	7.4				
1,1-Dichloroethene	ND	ug/kg	3.7				
trans-1,2-Dichloroethene	ND	ug/kg	5.5				
Trichloroethene	ND	ug/kg	3.7				
1,2-Dichlorobenzene	ND	ug/kg	18.				
1,3-Dichlorobenzene	ND	ug/kg	18.				
1,4-Dichlorobenzene	ND	ug/kg	18.				
Methyl tert butyl ether	ND	ug/kg	7.4				
p/m-Xylene	7.9	ug/kg	7.4				
o-Xylene	ND	ug/kg	7.4				
cis-1,2-Dichloroethene	ND	ug/kg	3.7				
Dibromomethane	ND	ug/kg	37.				
Styrene	ND	ug/kg	7.4				
Dichlorodifluoromethane	ND	ug/kg	37.				
Acetone	130	ug/kg	37				
Carbon disulfide	ND	ug/kg	37.				
2-Butanone	ND	ug/kg	37.				
Vinyl acetate	ND	ug/kg	37.				
4-Methyl-2-pentanone	ND	ug/kg	37.				
1,2,3-Trichloropropane	ND	ug/kg	37.				
2-Hexanone	ND	ug/kg	37.				
Bromochloromethane	ND	ug/kg	18.				
2,2-Dichloropropane	ND	ug/kg	18.				
1,2-Dibromoethane	ND	ug/kg	15.				
1,3-Dichloropropane	ND	ug/kg	18.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.7				
Bromobenzene	ND	ug/kg	18.				
n-Butylbenzene	130	ug/kg	3.7				
sec-Butylbenzene	57	ug/kg	3.7				
tert-Butylbenzene	ND	ug/kg	18.				
o-Chlorotoluene	ND	ug/kg	18.				
p-Chlorotoluene	ND	ug/kg	18.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	18.				
Hexachlorobutadiene	ND	ug/kg	18.				
Isopropylbenzene	3.9	ug/kg	3.7				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813447-11
PWG-DW-2008-38(7-7.5')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0915	20:21 PD
p-Isopropyltoluene	110	ug/kg	3.7				
Naphthalene	180	ug/kg	18				
Acrylonitrile	ND	ug/kg	37.				
n-Propylbenzene	ND	ug/kg	3.7				
1,2,3-Trichlorobenzene	ND	ug/kg	18.				
1,2,4-Trichlorobenzene	ND	ug/kg	18.				
1,3,5-Trimethylbenzene	ND	ug/kg	18.				
1,2,4-Trimethylbenzene	53	ug/kg	18				
1,4-Diethylbenzene	310	ug/kg	15				
4-Ethyltoluene	ND	ug/kg	15.				
1,2,4,5-Tetramethylbenzene	150	ug/kg	15				
Surrogate(s)	Recovery		QC Criteria				
1,2-Dichloroethane-d4	106	%	70-130				
Toluene-d8	123	%	70-130				
4-Bromofluorobenzene	203	%	70-130				
Dibromofluoromethane	107	%	70-130				
Volatile Organics by EPA 8260B				1	8260B	0916	15:50 PD
Methylene chloride	ND	ug/kg	150				
1,1-Dichloroethane	ND	ug/kg	22.				
Chloroform	ND	ug/kg	22.				
Carbon tetrachloride	ND	ug/kg	15.				
1,2-Dichloropropane	ND	ug/kg	51.				
Dibromochloromethane	ND	ug/kg	15.				
1,1,2-Trichloroethane	ND	ug/kg	22.				
Tetrachloroethene	ND	ug/kg	15.				
Chlorobenzene	ND	ug/kg	15.				
Trichlorofluoromethane	ND	ug/kg	74.				
1,2-Dichloroethane	ND	ug/kg	15.				
1,1,1-Trichloroethane	ND	ug/kg	15.				
Bromodichloromethane	ND	ug/kg	15.				
trans-1,3-Dichloropropene	ND	ug/kg	15.				
cis-1,3-Dichloropropene	ND	ug/kg	15.				
1,1-Dichloropropene	ND	ug/kg	74.				
Bromoform	ND	ug/kg	59.				
1,1,2,2-Tetrachloroethane	ND	ug/kg	15.				
Benzene	ND	ug/kg	15.				
Toluene	42	ug/kg	22				
Ethylbenzene	ND	ug/kg	15.				
Chloromethane	ND	ug/kg	74.				
Bromomethane	ND	ug/kg	29.				
Vinyl chloride	ND	ug/kg	29.				
Chloroethane	ND	ug/kg	29.				
1,1-Dichloroethene	ND	ug/kg	15.				
trans-1,2-Dichloroethene	ND	ug/kg	22.				
Trichloroethene	ND	ug/kg	15.				
1,2-Dichlorobenzene	ND	ug/kg	74.				
1,3-Dichlorobenzene	ND	ug/kg	74.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813447-11
PWG-DW-2008-38(7-7.5')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0916	15:50 PD
1,4-Dichlorobenzene	ND	ug/kg	74.				
Methyl tert butyl ether	ND	ug/kg	29.				
p/m-Xylene	ND	ug/kg	29.				
o-Xylene	ND	ug/kg	29.				
cis-1,2-Dichloroethene	ND	ug/kg	15.				
Dibromomethane	ND	ug/kg	150				
Styrene	ND	ug/kg	29.				
Dichlorodifluoromethane	ND	ug/kg	150				
Acetone	320	ug/kg	150				
Carbon disulfide	ND	ug/kg	150				
2-Butanone	ND	ug/kg	150				
Vinyl acetate	ND	ug/kg	150				
4-Methyl-2-pentanone	ND	ug/kg	150				
1,2,3-Trichloropropane	ND	ug/kg	150				
2-Hexanone	ND	ug/kg	150				
Bromochloromethane	ND	ug/kg	74.				
2,2-Dichloropropane	ND	ug/kg	74.				
1,2-Dibromoethane	ND	ug/kg	59.				
1,3-Dichloropropane	ND	ug/kg	74.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	15.				
Bromobenzene	ND	ug/kg	74.				
n-Butylbenzene	140	ug/kg	15				
sec-Butylbenzene	57	ug/kg	15				
tert-Butylbenzene	ND	ug/kg	74.				
o-Chlorotoluene	ND	ug/kg	74.				
p-Chlorotoluene	ND	ug/kg	74.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	74.				
Hexachlorobutadiene	ND	ug/kg	74.				
Isopropylbenzene	ND	ug/kg	15.				
p-Isopropyltoluene	110	ug/kg	15				
Naphthalene	370	ug/kg	74				
Acrylonitrile	ND	ug/kg	150				
n-Propylbenzene	ND	ug/kg	15.				
1,2,3-Trichlorobenzene	ND	ug/kg	74.				
1,2,4-Trichlorobenzene	ND	ug/kg	74.				
1,3,5-Trimethylbenzene	ND	ug/kg	74.				
1,2,4-Trimethylbenzene	ND	ug/kg	74.				
1,4-Diethylbenzene	340	ug/kg	59				
4-Ethyltoluene	ND	ug/kg	59.				
1,2,4,5-Tetramethylbenzene	230	ug/kg	59				
Surrogate(s)	Recovery		QC Criteria				
1,2-Dichloroethane-d4	121	%	70-130				
Toluene-d8	131	%	70-130				
4-Bromofluorobenzene	143	%	70-130				
Dibromofluoromethane	123	%	70-130				
Semivolatile Organics by EPA 8270C				1	8270C	0916	19:00 0918 15:24 PS
Acenaphthene	ND	ug/kg	7400				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813447-11
PWG-DW-2008-38(7-7.5')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C cont'd				1	8270C	0916 19:00	0918 15:24 PS
1,2,4-Trichlorobenzene	ND	ug/kg	7400				
Hexachlorobenzene	ND	ug/kg	7400				
Bis(2-chloroethyl)ether	ND	ug/kg	7400				
2-Chloronaphthalene	ND	ug/kg	8800				
1,2-Dichlorobenzene	ND	ug/kg	7400				
1,3-Dichlorobenzene	ND	ug/kg	7400				
1,4-Dichlorobenzene	ND	ug/kg	7400				
3,3'-Dichlorobenzidine	ND	ug/kg	15000				
2,4-Dinitrotoluene	ND	ug/kg	7400				
2,6-Dinitrotoluene	ND	ug/kg	7400				
Fluoranthene	ND	ug/kg	7400				
4-Chlorophenyl phenyl ether	ND	ug/kg	7400				
4-Bromophenyl phenyl ether	ND	ug/kg	7400				
Bis(2-chloroisopropyl)ether	ND	ug/kg	7400				
Bis(2-chloroethoxy)methane	ND	ug/kg	7400				
Hexachlorobutadiene	ND	ug/kg	15000				
Hexachlorocyclopentadiene	ND	ug/kg	15000				
Hexachloroethane	ND	ug/kg	7400				
Isophorone	ND	ug/kg	7400				
Naphthalene	ND	ug/kg	7400				
Nitrobenzene	ND	ug/kg	7400				
NitrosoDiPhenylAmine(NDPA)/DPA	ND	ug/kg	22000				
n-Nitrosodi-n-propylamine	ND	ug/kg	7400				
Bis(2-Ethylhexyl)phthalate	ND	ug/kg	15000				
Butyl benzyl phthalate	ND	ug/kg	7400				
Di-n-butylphthalate	ND	ug/kg	7400				
Di-n-octylphthalate	ND	ug/kg	7400				
Diethyl phthalate	ND	ug/kg	7400				
Dimethyl phthalate	ND	ug/kg	7400				
Benzo(a)anthracene	ND	ug/kg	7400				
Benzo(a)pyrene	ND	ug/kg	7400				
Benzo(b)fluoranthene	ND	ug/kg	7400				
Benzo(k)fluoranthene	ND	ug/kg	7400				
Chrysene	ND	ug/kg	7400				
Acenaphthylene	ND	ug/kg	7400				
Anthracene	ND	ug/kg	7400				
Benzo(ghi)perylene	ND	ug/kg	7400				
Fluorene	ND	ug/kg	7400				
Phenanthrene	ND	ug/kg	7400				
Dibenzo(a,h)anthracene	ND	ug/kg	7400				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	7400				
Pyrene	ND	ug/kg	7400				
Biphenyl	ND	ug/kg	7400				
4-Chloroaniline	ND	ug/kg	7400				
2-Nitroaniline	ND	ug/kg	7400				
3-Nitroaniline	ND	ug/kg	7400				
4-Nitroaniline	ND	ug/kg	10000				
Dibenzofuran	ND	ug/kg	7400				
2-Methylnaphthalene	ND	ug/kg	7400				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813447-11
PWG-DW-2008-38(7-7.5')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C cont'd				1	8270C	0916 19:00	0918 15:24 PS
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	29000				
Acetophenone	ND	ug/kg	29000				
2,4,6-Trichlorophenol	ND	ug/kg	7400				
P-Chloro-M-Cresol	ND	ug/kg	7400				
2-Chlorophenol	ND	ug/kg	8800				
2,4-Dichlorophenol	ND	ug/kg	15000				
2,4-Dimethylphenol	ND	ug/kg	7400				
2-Nitrophenol	ND	ug/kg	29000				
4-Nitrophenol	ND	ug/kg	15000				
2,4-Dinitrophenol	ND	ug/kg	29000				
4,6-Dinitro-o-cresol	ND	ug/kg	29000				
Pentachlorophenol	ND	ug/kg	29000				
Phenol	ND	ug/kg	10000				
2-Methylphenol	ND	ug/kg	8800				
3-Methylphenol/4-Methylphenol	ND	ug/kg	8800				
2,4,5-Trichlorophenol	ND	ug/kg	7400				
Benzoic Acid	ND	ug/kg	74000				
Benzyl Alcohol	ND	ug/kg	15000				
Carbazole	ND	ug/kg	7400				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	97.0	%	25-120				
Phenol-d6	101	%	10-120				
Nitrobenzene-d5	91.0	%	23-120				
2-Fluorobiphenyl	91.0	%	30-120				
2,4,6-Tribromophenol	118	%	19-120				
4-Terphenyl-d14	77.0	%	18-120				
Semivolatile Organics by EPA 8270C-SIM				1	8270C	0912 21:30	0916 17:46 AK
Acenaphthene	ND	ug/kg	2000				
2-Chloronaphthalene	ND	ug/kg	2000				
Fluoranthene	5700	ug/kg	2000				
Hexachlorobutadiene	ND	ug/kg	4900				
Naphthalene	ND	ug/kg	2000				
Benzo(a)anthracene	ND	ug/kg	2000				
Benzo(a)pyrene	4200	ug/kg	2000				
Benzo(b)fluoranthene	3900	ug/kg	2000				
Benzo(k)fluoranthene	4000	ug/kg	2000				
Chrysene	2000	ug/kg	2000				
Acenaphthylene	ND	ug/kg	2000				
Anthracene	ND	ug/kg	2000				
Benzo(ghi)perylene	4500	ug/kg	2000				
Fluorene	ND	ug/kg	2000				
Phenanthrene	2600	ug/kg	2000				
Dibenzo(a,h)anthracene	ND	ug/kg	2000				
Indeno(1,2,3-cd)Pyrene	4800	ug/kg	2000				
Pyrene	5800	ug/kg	2000				
2-Methylnaphthalene	2400	ug/kg	2000				
Pentachlorophenol	ND	ug/kg	7800				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813447-11
PWG-DW-2008-38(7-7.5')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C-SIM cont'd				1	8270C	0912 21:30	0916 17:46 AK
Hexachlorobenzene	ND	ug/kg	7800				
Hexachloroethane	ND	ug/kg	7800				
Surrogate(s)	Recovery						QC Criteria
2-Fluorophenol	ND	%	25-120				
Phenol-d6	ND	%	10-120				
Nitrobenzene-d5	ND	%	23-120				
2-Fluorobiphenyl	ND	%	30-120				
2,4,6-Tribromophenol	ND	%	19-120				
4-Terphenyl-d14	ND	%	18-120				
Petroleum Hydrocarbon Quantitation by GC-FID				1	8015B(M)	0916 01:30	0918 10:44 JL
TPH	10000000	ug/kg	2450000				
Surrogate(s)	Recovery						QC Criteria
o-Terphenyl	93.0	%	40-140				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

MA:M-MA086 NH:2003 CT:PH-0574 ME:MA0086 RI:LAO00065 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0813447-12	Date Collected: 10-SEP-2008 11:00
PWG-DW-2008-39(8.5-9')	Date Received : 11-SEP-2008
Sample Matrix: SOIL	Date Reported : 22-SEP-2008
Condition of Sample: Satisfactory	Field Prep: None
Number & Type of Containers: 3-Amber,1-Vial	

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Solids, Total	70	%	0.10	30 2540G		0913 15:45	NM
Total Metals							
Aluminum, Total	2900	mg/kg	6.5	1 6010B	0912 18:00	0918 13:50	AI
Antimony, Total	ND	mg/kg	3.3	1 6010B	0912 18:00	0918 13:50	AI
Arsenic, Total	0.91	mg/kg	0.65	1 6010B	0912 18:00	0919 12:32	AI
Barium, Total	24	mg/kg	0.65	1 6010B	0912 18:00	0918 13:50	AI
Beryllium, Total	ND	mg/kg	0.33	1 6010B	0912 18:00	0918 13:50	AI
Cadmium, Total	1.4	mg/kg	0.65	1 6010B	0912 18:00	0918 13:50	AI
Calcium, Total	16000	mg/kg	6.5	1 6010B	0912 18:00	0918 13:50	AI
Chromium, Total	30	mg/kg	0.65	1 6010B	0912 18:00	0918 13:50	AI
Cobalt, Total	2.3	mg/kg	1.3	1 6010B	0912 18:00	0918 13:50	AI
Copper, Total	39	mg/kg	0.65	1 6010B	0912 18:00	0918 13:50	AI
Iron, Total	4600	mg/kg	3.3	1 6010B	0912 18:00	0918 13:50	AI
Lead, Total	170	mg/kg	3.3	1 6010B	0912 18:00	0918 13:50	AI
Magnesium, Total	10000	mg/kg	6.5	1 6010B	0912 18:00	0918 13:50	AI
Manganese, Total	49	mg/kg	0.65	1 6010B	0912 18:00	0919 12:32	AI
Mercury, Total	0.45	mg/kg	0.11	1 7471A	0912 20:30	0914 14:36	HG
Nickel, Total	11	mg/kg	1.6	1 6010B	0912 18:00	0918 13:50	AI
Potassium, Total	340	mg/kg	160	1 6010B	0912 18:00	0918 13:50	AI
Selenium, Total	ND	mg/kg	1.3	1 6010B	0912 18:00	0919 12:32	AI
Silver, Total	0.70	mg/kg	0.65	1 6010B	0912 18:00	0918 13:50	AI
Sodium, Total	ND	mg/kg	130	1 6010B	0912 18:00	0918 13:50	AI
Thallium, Total	ND	mg/kg	1.3	1 6010B	0912 18:00	0918 13:50	AI
Vanadium, Total	26	mg/kg	0.65	1 6010B	0912 18:00	0918 13:50	AI
Zinc, Total	390	mg/kg	3.3	1 6010B	0912 18:00	0918 13:50	AI
Volatile Organics by EPA 8260B				1 8260B		0915 20:57	PD
Methylene chloride	ND	ug/kg	36.				
1,1-Dichloroethane	ND	ug/kg	5.4				
Chloroform	ND	ug/kg	5.4				
Carbon tetrachloride	ND	ug/kg	3.6				
1,2-Dichloropropane	ND	ug/kg	12.				
Dibromochloromethane	ND	ug/kg	3.6				
1,1,2-Trichloroethane	ND	ug/kg	5.4				
Tetrachloroethene	ND	ug/kg	3.6				
Chlorobenzene	ND	ug/kg	3.6				
Trichlorofluoromethane	ND	ug/kg	18.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813447-12
PWG-DW-2008-39(8.5-9')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0915 20:57 PD	
1,2-Dichloroethane	ND	ug/kg	3.6				
1,1,1-Trichloroethane	ND	ug/kg	3.6				
Bromodichloromethane	ND	ug/kg	3.6				
trans-1,3-Dichloropropene	ND	ug/kg	3.6				
cis-1,3-Dichloropropene	ND	ug/kg	3.6				
1,1-Dichloropropene	ND	ug/kg	18.				
Bromoform	ND	ug/kg	14.				
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.6				
Benzene	ND	ug/kg	3.6				
Toluene	ND	ug/kg	5.4				
Ethylbenzene	5.0	ug/kg	3.6				
Chloromethane	ND	ug/kg	18.				
Bromomethane	ND	ug/kg	7.1				
Vinyl chloride	ND	ug/kg	7.1				
Chloroethane	ND	ug/kg	7.1				
1,1-Dichloroethene	ND	ug/kg	3.6				
trans-1,2-Dichloroethene	ND	ug/kg	5.4				
Trichloroethene	ND	ug/kg	3.6				
1,2-Dichlorobenzene	ND	ug/kg	18.				
1,3-Dichlorobenzene	ND	ug/kg	18.				
1,4-Dichlorobenzene	ND	ug/kg	18.				
Methyl tert butyl ether	ND	ug/kg	7.1				
p/m-Xylene	ND	ug/kg	7.1				
o-Xylene	ND	ug/kg	7.1				
cis-1,2-Dichloroethene	ND	ug/kg	3.6				
Dibromomethane	ND	ug/kg	36.				
Styrene	ND	ug/kg	7.1				
Dichlorodifluoromethane	ND	ug/kg	36.				
Acetone	74	ug/kg	36				
Carbon disulfide	ND	ug/kg	36.				
2-Butanone	ND	ug/kg	36.				
Vinyl acetate	ND	ug/kg	36.				
4-Methyl-2-pentanone	ND	ug/kg	36.				
1,2,3-Trichloropropane	ND	ug/kg	36.				
2-Hexanone	ND	ug/kg	36.				
Bromochloromethane	ND	ug/kg	18.				
2,2-Dichloropropane	ND	ug/kg	18.				
1,2-Dibromoethane	ND	ug/kg	14.				
1,3-Dichloropropane	ND	ug/kg	18.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.6				
Bromobenzene	ND	ug/kg	18.				
n-Butylbenzene	ND	ug/kg	3.6				
sec-Butylbenzene	ND	ug/kg	3.6				
tert-Butylbenzene	ND	ug/kg	18.				
o-Chlorotoluene	ND	ug/kg	18.				
p-Chlorotoluene	ND	ug/kg	18.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	18.				
Hexachlorobutadiene	ND	ug/kg	18.				
Isopropylbenzene	ND	ug/kg	3.6				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813447-12
PWG-DW-2008-39(8.5-9')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0915	20:57 PD
p-Isopropyltoluene	ND	ug/kg	3.6				
Naphthalene	ND	ug/kg	18.				
Acrylonitrile	ND	ug/kg	36.				
n-Propylbenzene	ND	ug/kg	3.6				
1,2,3-Trichlorobenzene	ND	ug/kg	18.				
1,2,4-Trichlorobenzene	ND	ug/kg	18.				
1,3,5-Trimethylbenzene	ND	ug/kg	18.				
1,2,4-Trimethylbenzene	ND	ug/kg	18.				
1,4-Diethylbenzene	ND	ug/kg	14.				
4-Ethyltoluene	ND	ug/kg	14.				
1,2,4,5-Tetramethylbenzene	ND	ug/kg	14.				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	90.0	%	70-130				
Toluene-d8	100	%	70-130				
4-Bromofluorobenzene	120	%	70-130				
Dibromofluoromethane	91.0	%	70-130				
Semivolatile Organics by EPA 8270C				1	8270C	0916	19:00 0918 15:47 PS
Acenaphthene	ND	ug/kg	7100				
1,2,4-Trichlorobenzene	ND	ug/kg	7100				
Hexachlorobenzene	ND	ug/kg	7100				
Bis(2-chloroethyl)ether	ND	ug/kg	7100				
2-Chloronaphthalene	ND	ug/kg	8600				
1,2-Dichlorobenzene	ND	ug/kg	7100				
1,3-Dichlorobenzene	ND	ug/kg	7100				
1,4-Dichlorobenzene	ND	ug/kg	7100				
3,3'-Dichlorobenzidine	ND	ug/kg	14000				
2,4-Dinitrotoluene	ND	ug/kg	7100				
2,6-Dinitrotoluene	ND	ug/kg	7100				
Fluoranthene	ND	ug/kg	7100				
4-Chlorophenyl phenyl ether	ND	ug/kg	7100				
4-Bromophenyl phenyl ether	ND	ug/kg	7100				
Bis(2-chloroisopropyl)ether	ND	ug/kg	7100				
Bis(2-chloroethoxy)methane	ND	ug/kg	7100				
Hexachlorobutadiene	ND	ug/kg	14000				
Hexachlorocyclopentadiene	ND	ug/kg	14000				
Hexachloroethane	ND	ug/kg	7100				
Isophorone	ND	ug/kg	7100				
Naphthalene	ND	ug/kg	7100				
Nitrobenzene	ND	ug/kg	7100				
NitrosoDiPhenylAmine(NDPA)/DPA	ND	ug/kg	21000				
n-Nitrosodi-n-propylamine	ND	ug/kg	7100				
Bis(2-Ethylhexyl)phthalate	200000	ug/kg	14000				
Butyl benzyl phthalate	ND	ug/kg	7100				
Di-n-butylphthalate	ND	ug/kg	7100				
Di-n-octylphthalate	ND	ug/kg	7100				
Diethyl phthalate	ND	ug/kg	7100				
Dimethyl phthalate	ND	ug/kg	7100				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813447-12
PWG-DW-2008-39(8.5-9')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C cont'd				1	8270C	0916 19:00	0918 15:47 PS
Benzo(a)anthracene	ND	ug/kg	7100				
Benzo(a)pyrene	ND	ug/kg	7100				
Benzo(b)fluoranthene	ND	ug/kg	7100				
Benzo(k)fluoranthene	ND	ug/kg	7100				
Chrysene	ND	ug/kg	7100				
Acenaphthylene	ND	ug/kg	7100				
Anthracene	ND	ug/kg	7100				
Benzo(ghi)perylene	ND	ug/kg	7100				
Fluorene	ND	ug/kg	7100				
Phenanthrene	ND	ug/kg	7100				
Dibenzo(a,h)anthracene	ND	ug/kg	7100				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	7100				
Pyrene	ND	ug/kg	7100				
Biphenyl	ND	ug/kg	7100				
4-Chloroaniline	ND	ug/kg	7100				
2-Nitroaniline	ND	ug/kg	7100				
3-Nitroaniline	ND	ug/kg	7100				
4-Nitroaniline	ND	ug/kg	10000				
Dibenzofuran	ND	ug/kg	7100				
2-Methylnaphthalene	ND	ug/kg	7100				
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	28000				
Acetophenone	ND	ug/kg	28000				
2,4,6-Trichlorophenol	ND	ug/kg	7100				
p-Chloro-M-Cresol	ND	ug/kg	7100				
2-Chlorophenol	ND	ug/kg	8600				
2,4-Dichlorophenol	ND	ug/kg	14000				
2,4-Dimethylphenol	ND	ug/kg	7100				
2-Nitrophenol	ND	ug/kg	28000				
4-Nitrophenol	ND	ug/kg	14000				
2,4-Dinitrophenol	ND	ug/kg	28000				
4,6-Dinitro-o-cresol	ND	ug/kg	28000				
Pentachlorophenol	ND	ug/kg	28000				
Phenol	ND	ug/kg	10000				
2-Methylphenol	ND	ug/kg	8600				
3-Methylphenol/4-Methylphenol	ND	ug/kg	8600				
2,4,5-Trichlorophenol	ND	ug/kg	7100				
Benzoic Acid	ND	ug/kg	71000				
Benzyl Alcohol	ND	ug/kg	14000				
Carbazole	ND	ug/kg	7100				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	109	%	25-120				
Phenol-d6	100	%	10-120				
Nitrobenzene-d5	96.0	%	23-120				
2-Fluorobiphenyl	93.0	%	30-120				
2,4,6-Tribromophenol	111	%	19-120				
4-Terphenyl-d14	76.0	%	18-120				
Semivolatile Organics by EPA 8270C-SIM				1	8270C	0912 21:30	0916 18:32 AK

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813447-12
PWG-DW-2008-39(8.5-9')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C-SIM cont'd				1	8270C	0912 21:30	0916 18:32 AK
Acenaphthene	ND	ug/kg	1900				
2-Chloronaphthalene	ND	ug/kg	1900				
Fluoranthene	4300	ug/kg	1900				
Hexachlorobutadiene	ND	ug/kg	4800				
Naphthalene	ND	ug/kg	1900				
Benzo(a)anthracene	ND	ug/kg	1900				
Benzo(a)pyrene	ND	ug/kg	1900				
Benzo(b)fluoranthene	3300	ug/kg	1900				
Benzo(k)fluoranthene	3300	ug/kg	1900				
Chrysene	ND	ug/kg	1900				
Acenaphthylene	ND	ug/kg	1900				
Anthracene	ND	ug/kg	1900				
Benzo(ghi)perylene	ND	ug/kg	1900				
Fluorene	ND	ug/kg	1900				
Phenanthrene	ND	ug/kg	1900				
Dibenzo(a,h)anthracene	ND	ug/kg	1900				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	1900				
Pyrene	4500	ug/kg	1900				
2-Methylnaphthalene	ND	ug/kg	1900				
Pentachlorophenol	ND	ug/kg	7600				
Hexachlorobenzene	ND	ug/kg	7600				
Hexachloroethane	ND	ug/kg	7600				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	ND	%	25-120				
Phenol-d6	ND	%	10-120				
Nitrobenzene-d5	ND	%	23-120				
2-Fluorobiphenyl	ND	%	30-120				
2,4,6-Tribromophenol	ND	%	19-120				
4-Terphenyl-d14	ND	%	18-120				
Petroleum Hydrocarbon Quantitation by GC-FID				1	8015B(M)	0916 01:30	0918 03:10 JL
TPH	3270000	ug/kg	476000				
Surrogate(s)	Recovery		QC Criteria				
o-Terphenyl	95.0	%	40-140				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

MA:M-MA086 NH:2003 CT:PH-0574 ME:MA0086 RI:LAO00065 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0813447-13	Date Collected: 10-SEP-2008 11:10
PWG-DW-2008-40(6-6.5')	Date Received : 11-SEP-2008
Sample Matrix: SOIL	Date Reported : 22-SEP-2008
Condition of Sample: Satisfactory	Field Prep: None
Number & Type of Containers: 3-Amber,1-Vial	

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Solids, Total	91	%	0.10	30 2540G		0913 15:45	NM
Total Metals							
Aluminum, Total	2400	mg/kg	5.1	1 6010B	0912 18:00	0918 12:35	AI
Antimony, Total	ND	mg/kg	2.5	1 6010B	0912 18:00	0918 12:35	AI
Arsenic, Total	0.51	mg/kg	0.51	1 6010B	0912 18:00	0919 11:21	AI
Barium, Total	15	mg/kg	0.51	1 6010B	0912 18:00	0918 12:35	AI
Beryllium, Total	ND	mg/kg	0.25	1 6010B	0912 18:00	0918 12:35	AI
Cadmium, Total	0.82	mg/kg	0.51	1 6010B	0912 18:00	0918 12:35	AI
Calcium, Total	16000	mg/kg	5.1	1 6010B	0912 18:00	0918 12:35	AI
Chromium, Total	13	mg/kg	0.51	1 6010B	0912 18:00	0918 12:35	AI
Cobalt, Total	2.0	mg/kg	1.0	1 6010B	0912 18:00	0918 12:35	AI
Copper, Total	12	mg/kg	0.51	1 6010B	0912 18:00	0918 12:35	AI
Iron, Total	5300	mg/kg	2.5	1 6010B	0912 18:00	0918 12:35	AI
Lead, Total	90	mg/kg	2.5	1 6010B	0912 18:00	0918 12:35	AI
Magnesium, Total	10000	mg/kg	5.1	1 6010B	0912 18:00	0918 12:35	AI
Manganese, Total	85	mg/kg	0.51	1 6010B	0912 18:00	0919 11:21	AI
Mercury, Total	1.0	mg/kg	0.09	1 7471A	0912 20:30	0914 14:38	HG
Nickel, Total	7.8	mg/kg	1.3	1 6010B	0912 18:00	0918 12:35	AI
Potassium, Total	260	mg/kg	130	1 6010B	0912 18:00	0918 12:35	AI
Selenium, Total	ND	mg/kg	1.0	1 6010B	0912 18:00	0919 11:21	AI
Silver, Total	0.76	mg/kg	0.51	1 6010B	0912 18:00	0918 12:35	AI
Sodium, Total	ND	mg/kg	100	1 6010B	0912 18:00	0918 12:35	AI
Thallium, Total	ND	mg/kg	1.0	1 6010B	0912 18:00	0918 12:35	AI
Vanadium, Total	13	mg/kg	0.51	1 6010B	0912 18:00	0918 12:35	AI
Zinc, Total	160	mg/kg	2.5	1 6010B	0912 18:00	0918 12:35	AI
Volatile Organics by EPA 8260B				1 8260B		0915 21:34	PD
Methylene chloride	ND	ug/kg	27.				
1,1-Dichloroethane	ND	ug/kg	4.1				
Chloroform	ND	ug/kg	4.1				
Carbon tetrachloride	ND	ug/kg	2.7				
1,2-Dichloropropane	ND	ug/kg	9.6				
Dibromochloromethane	ND	ug/kg	2.7				
1,1,2-Trichloroethane	ND	ug/kg	4.1				
Tetrachloroethene	ND	ug/kg	2.7				
Chlorobenzene	ND	ug/kg	2.7				
Trichlorofluoromethane	ND	ug/kg	14.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813447-13
PWG-DW-2008-40(6-6.5')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0915 21:34 PD	
1,2-Dichloroethane	ND	ug/kg	2.7				
1,1,1-Trichloroethane	ND	ug/kg	2.7				
Bromodichloromethane	ND	ug/kg	2.7				
trans-1,3-Dichloropropene	ND	ug/kg	2.7				
cis-1,3-Dichloropropene	ND	ug/kg	2.7				
1,1-Dichloropropene	ND	ug/kg	14.				
Bromoform	ND	ug/kg	11.				
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.7				
Benzene	ND	ug/kg	2.7				
Toluene	ND	ug/kg	4.1				
Ethylbenzene	ND	ug/kg	2.7				
Chloromethane	ND	ug/kg	14.				
Bromomethane	ND	ug/kg	5.5				
Vinyl chloride	ND	ug/kg	5.5				
Chloroethane	ND	ug/kg	5.5				
1,1-Dichloroethene	ND	ug/kg	2.7				
trans-1,2-Dichloroethene	ND	ug/kg	4.1				
Trichloroethene	ND	ug/kg	2.7				
1,2-Dichlorobenzene	ND	ug/kg	14.				
1,3-Dichlorobenzene	ND	ug/kg	14.				
1,4-Dichlorobenzene	ND	ug/kg	14.				
Methyl tert butyl ether	ND	ug/kg	5.5				
p/m-Xylene	ND	ug/kg	5.5				
o-Xylene	ND	ug/kg	5.5				
cis-1,2-Dichloroethene	ND	ug/kg	2.7				
Dibromomethane	ND	ug/kg	27.				
Styrene	ND	ug/kg	5.5				
Dichlorodifluoromethane	ND	ug/kg	27.				
Acetone	ND	ug/kg	27.				
Carbon disulfide	ND	ug/kg	27.				
2-Butanone	ND	ug/kg	27.				
Vinyl acetate	ND	ug/kg	27.				
4-Methyl-2-pentanone	ND	ug/kg	27.				
1,2,3-Trichloropropane	ND	ug/kg	27.				
2-Hexanone	ND	ug/kg	27.				
Bromochloromethane	ND	ug/kg	14.				
2,2-Dichloropropane	ND	ug/kg	14.				
1,2-Dibromoethane	ND	ug/kg	11.				
1,3-Dichloropropane	ND	ug/kg	14.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.7				
Bromobenzene	ND	ug/kg	14.				
n-Butylbenzene	ND	ug/kg	2.7				
sec-Butylbenzene	ND	ug/kg	2.7				
tert-Butylbenzene	ND	ug/kg	14.				
o-Chlorotoluene	ND	ug/kg	14.				
p-Chlorotoluene	ND	ug/kg	14.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	14.				
Hexachlorobutadiene	ND	ug/kg	14.				
Isopropylbenzene	ND	ug/kg	2.7				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813447-13
PWG-DW-2008-40(6-6.5')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0915	21:34 PD
p-Isopropyltoluene	ND	ug/kg	2.7				
Naphthalene	ND	ug/kg	14.				
Acrylonitrile	ND	ug/kg	27.				
n-Propylbenzene	ND	ug/kg	2.7				
1,2,3-Trichlorobenzene	ND	ug/kg	14.				
1,2,4-Trichlorobenzene	ND	ug/kg	14.				
1,3,5-Trimethylbenzene	ND	ug/kg	14.				
1,2,4-Trimethylbenzene	ND	ug/kg	14.				
1,4-Diethylbenzene	ND	ug/kg	11.				
4-Ethyltoluene	ND	ug/kg	11.				
1,2,4,5-Tetramethylbenzene	ND	ug/kg	11.				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	92.0	%	70-130				
Toluene-d8	102	%	70-130				
4-Bromofluorobenzene	107	%	70-130				
Dibromofluoromethane	92.0	%	70-130				
Semivolatile Organics by EPA 8270C				1	8270C	0916	19:00 0918 16:10 PS
Acenaphthene	ND	ug/kg	1800				
1,2,4-Trichlorobenzene	ND	ug/kg	1800				
Hexachlorobenzene	ND	ug/kg	1800				
Bis(2-chloroethyl)ether	ND	ug/kg	1800				
2-Chloronaphthalene	ND	ug/kg	2200				
1,2-Dichlorobenzene	ND	ug/kg	1800				
1,3-Dichlorobenzene	ND	ug/kg	1800				
1,4-Dichlorobenzene	ND	ug/kg	1800				
3,3'-Dichlorobenzidine	ND	ug/kg	3700				
2,4-Dinitrotoluene	ND	ug/kg	1800				
2,6-Dinitrotoluene	ND	ug/kg	1800				
Fluoranthene	ND	ug/kg	1800				
4-Chlorophenyl phenyl ether	ND	ug/kg	1800				
4-Bromophenyl phenyl ether	ND	ug/kg	1800				
Bis(2-chloroisopropyl)ether	ND	ug/kg	1800				
Bis(2-chloroethoxy)methane	ND	ug/kg	1800				
Hexachlorobutadiene	ND	ug/kg	3700				
Hexachlorocyclopentadiene	ND	ug/kg	3700				
Hexachloroethane	ND	ug/kg	1800				
Isophorone	ND	ug/kg	1800				
Naphthalene	ND	ug/kg	1800				
Nitrobenzene	ND	ug/kg	1800				
NitrosoDiPhenylAmine(NDPA)/DPA	ND	ug/kg	5500				
n-Nitrosodi-n-propylamine	ND	ug/kg	1800				
Bis(2-Ethylhexyl)phthalate	ND	ug/kg	3700				
Butyl benzyl phthalate	ND	ug/kg	1800				
Di-n-butylphthalate	ND	ug/kg	1800				
Di-n-octylphthalate	ND	ug/kg	1800				
Diethyl phthalate	ND	ug/kg	1800				
Dimethyl phthalate	ND	ug/kg	1800				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813447-13
PWG-DW-2008-40(6-6.5')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C cont'd				1	8270C	0916 19:00	0918 16:10 PS
Benzo(a)anthracene	ND	ug/kg	1800				
Benzo(a)pyrene	ND	ug/kg	1800				
Benzo(b)fluoranthene	ND	ug/kg	1800				
Benzo(k)fluoranthene	ND	ug/kg	1800				
Chrysene	ND	ug/kg	1800				
Acenaphthylene	ND	ug/kg	1800				
Anthracene	ND	ug/kg	1800				
Benzo(ghi)perylene	ND	ug/kg	1800				
Fluorene	ND	ug/kg	1800				
Phenanthrene	ND	ug/kg	1800				
Dibenzo(a,h)anthracene	ND	ug/kg	1800				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	1800				
Pyrene	ND	ug/kg	1800				
Biphenyl	ND	ug/kg	1800				
4-Chloroaniline	ND	ug/kg	1800				
2-Nitroaniline	ND	ug/kg	1800				
3-Nitroaniline	ND	ug/kg	1800				
4-Nitroaniline	ND	ug/kg	2600				
Dibenzofuran	ND	ug/kg	1800				
2-Methylnaphthalene	ND	ug/kg	1800				
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	7300				
Acetophenone	ND	ug/kg	7300				
2,4,6-Trichlorophenol	ND	ug/kg	1800				
p-Chloro-M-Cresol	ND	ug/kg	1800				
2-Chlorophenol	ND	ug/kg	2200				
2,4-Dichlorophenol	ND	ug/kg	3700				
2,4-Dimethylphenol	ND	ug/kg	1800				
2-Nitrophenol	ND	ug/kg	7300				
4-Nitrophenol	ND	ug/kg	3700				
2,4-Dinitrophenol	ND	ug/kg	7300				
4,6-Dinitro-o-cresol	ND	ug/kg	7300				
Pentachlorophenol	ND	ug/kg	7300				
Phenol	ND	ug/kg	2600				
2-Methylphenol	ND	ug/kg	2200				
3-Methylphenol/4-Methylphenol	ND	ug/kg	2200				
2,4,5-Trichlorophenol	ND	ug/kg	1800				
Benzoic Acid	ND	ug/kg	18000				
Benzyl Alcohol	ND	ug/kg	3700				
Carbazole	ND	ug/kg	1800				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	109	%	25-120				
Phenol-d6	112	%	10-120				
Nitrobenzene-d5	98.0	%	23-120				
2-Fluorobiphenyl	95.0	%	30-120				
2,4,6-Tribromophenol	119	%	19-120				
4-Terphenyl-d14	80.0	%	18-120				
Semivolatile Organics by EPA 8270C-SIM				1	8270C	0912 21:30	0916 19:20 AK

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813447-13
PWG-DW-2008-40(6-6.5')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C-SIM cont'd				1	8270C	0912 21:30	0916 19:20 AK
Acenaphthene	ND	ug/kg	1500				
2-Chloronaphthalene	ND	ug/kg	1500				
Fluoranthene	ND	ug/kg	1500				
Hexachlorobutadiene	ND	ug/kg	3700				
Naphthalene	ND	ug/kg	1500				
Benzo(a)anthracene	ND	ug/kg	1500				
Benzo(a)pyrene	ND	ug/kg	1500				
Benzo(b)fluoranthene	ND	ug/kg	1500				
Benzo(k)fluoranthene	ND	ug/kg	1500				
Chrysene	ND	ug/kg	1500				
Acenaphthylene	ND	ug/kg	1500				
Anthracene	ND	ug/kg	1500				
Benzo(ghi)perylene	ND	ug/kg	1500				
Fluorene	ND	ug/kg	1500				
Phenanthrene	ND	ug/kg	1500				
Dibenzo(a,h)anthracene	ND	ug/kg	1500				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	1500				
Pyrene	ND	ug/kg	1500				
2-Methylnaphthalene	ND	ug/kg	1500				
Pentachlorophenol	ND	ug/kg	5900				
Hexachlorobenzene	ND	ug/kg	5900				
Hexachloroethane	ND	ug/kg	5900				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	ND	%	25-120				
Phenol-d6	ND	%	10-120				
Nitrobenzene-d5	ND	%	23-120				
2-Fluorobiphenyl	ND	%	30-120				
2,4,6-Tribromophenol	ND	%	19-120				
4-Terphenyl-d14	ND	%	18-120				
Petroleum Hydrocarbon Quantitation by GC-FID				1	8015B(M)	0916 01:30	0918 03:44 JL
TPH	645000	ug/kg	183000				
Surrogate(s)	Recovery		QC Criteria				
o-Terphenyl	103	%	40-140				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813447-14
PWG-DW-2008-41(9-9.5')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0915 22:10 PD	
1,2-Dichloroethane	ND	ug/kg	3.2				
1,1,1-Trichloroethane	ND	ug/kg	3.2				
Bromodichloromethane	ND	ug/kg	3.2				
trans-1,3-Dichloropropene	ND	ug/kg	3.2				
cis-1,3-Dichloropropene	ND	ug/kg	3.2				
1,1-Dichloropropene	ND	ug/kg	16.				
Bromoform	ND	ug/kg	13.				
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.2				
Benzene	ND	ug/kg	3.2				
Toluene	ND	ug/kg	4.7				
Ethylbenzene	ND	ug/kg	3.2				
Chloromethane	ND	ug/kg	16.				
Bromomethane	ND	ug/kg	6.3				
Vinyl chloride	ND	ug/kg	6.3				
Chloroethane	ND	ug/kg	6.3				
1,1-Dichloroethene	ND	ug/kg	3.2				
trans-1,2-Dichloroethene	ND	ug/kg	4.7				
Trichloroethene	ND	ug/kg	3.2				
1,2-Dichlorobenzene	ND	ug/kg	16.				
1,3-Dichlorobenzene	ND	ug/kg	16.				
1,4-Dichlorobenzene	ND	ug/kg	16.				
Methyl tert butyl ether	ND	ug/kg	6.3				
p/m-Xylene	ND	ug/kg	6.3				
o-Xylene	ND	ug/kg	6.3				
cis-1,2-Dichloroethene	ND	ug/kg	3.2				
Dibromomethane	ND	ug/kg	32.				
Styrene	ND	ug/kg	6.3				
Dichlorodifluoromethane	ND	ug/kg	32.				
Acetone	ND	ug/kg	32.				
Carbon disulfide	ND	ug/kg	32.				
2-Butanone	ND	ug/kg	32.				
Vinyl acetate	ND	ug/kg	32.				
4-Methyl-2-pentanone	ND	ug/kg	32.				
1,2,3-Trichloropropane	ND	ug/kg	32.				
2-Hexanone	ND	ug/kg	32.				
Bromochloromethane	ND	ug/kg	16.				
2,2-Dichloropropane	ND	ug/kg	16.				
1,2-Dibromoethane	ND	ug/kg	13.				
1,3-Dichloropropane	ND	ug/kg	16.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.2				
Bromobenzene	ND	ug/kg	16.				
n-Butylbenzene	ND	ug/kg	3.2				
sec-Butylbenzene	ND	ug/kg	3.2				
tert-Butylbenzene	ND	ug/kg	16.				
o-Chlorotoluene	ND	ug/kg	16.				
p-Chlorotoluene	ND	ug/kg	16.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	16.				
Hexachlorobutadiene	ND	ug/kg	16.				
Isopropylbenzene	ND	ug/kg	3.2				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813447-14
PWG-DW-2008-41(9-9.5')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0915	22:10 PD
p-Isopropyltoluene	ND	ug/kg	3.2				
Naphthalene	ND	ug/kg	16.				
Acrylonitrile	ND	ug/kg	32.				
n-Propylbenzene	ND	ug/kg	3.2				
1,2,3-Trichlorobenzene	ND	ug/kg	16.				
1,2,4-Trichlorobenzene	ND	ug/kg	16.				
1,3,5-Trimethylbenzene	ND	ug/kg	16.				
1,2,4-Trimethylbenzene	ND	ug/kg	16.				
1,4-Diethylbenzene	ND	ug/kg	13.				
4-Ethyltoluene	ND	ug/kg	13.				
1,2,4,5-Tetramethylbenzene	ND	ug/kg	13.				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	84.0	%	70-130				
Toluene-d8	95.0	%	70-130				
4-Bromofluorobenzene	100	%	70-130				
Dibromofluoromethane	85.0	%	70-130				
Semivolatile Organics by EPA 8270C				1	8270C	0916	19:00 0918 16:33 PS
Acenaphthene	ND	ug/kg	420				
1,2,4-Trichlorobenzene	ND	ug/kg	420				
Hexachlorobenzene	ND	ug/kg	420				
Bis(2-chloroethyl)ether	ND	ug/kg	420				
2-Chloronaphthalene	ND	ug/kg	510				
1,2-Dichlorobenzene	ND	ug/kg	420				
1,3-Dichlorobenzene	ND	ug/kg	420				
1,4-Dichlorobenzene	ND	ug/kg	420				
3,3'-Dichlorobenzidine	ND	ug/kg	840				
2,4-Dinitrotoluene	ND	ug/kg	420				
2,6-Dinitrotoluene	ND	ug/kg	420				
Fluoranthene	ND	ug/kg	420				
4-Chlorophenyl phenyl ether	ND	ug/kg	420				
4-Bromophenyl phenyl ether	ND	ug/kg	420				
Bis(2-chloroisopropyl)ether	ND	ug/kg	420				
Bis(2-chloroethoxy)methane	ND	ug/kg	420				
Hexachlorobutadiene	ND	ug/kg	840				
Hexachlorocyclopentadiene	ND	ug/kg	840				
Hexachloroethane	ND	ug/kg	420				
Isophorone	ND	ug/kg	420				
Naphthalene	ND	ug/kg	420				
Nitrobenzene	ND	ug/kg	420				
NitrosoDiPhenylAmine(NDPA)/DPA	ND	ug/kg	1300				
n-Nitrosodi-n-propylamine	ND	ug/kg	420				
Bis(2-Ethylhexyl)phthalate	ND	ug/kg	840				
Butyl benzyl phthalate	ND	ug/kg	420				
Di-n-butylphthalate	ND	ug/kg	420				
Di-n-octylphthalate	ND	ug/kg	420				
Diethyl phthalate	ND	ug/kg	420				
Dimethyl phthalate	ND	ug/kg	420				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813447-14
PWG-DW-2008-41(9-9.5')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C cont'd				1	8270C	0916 19:00	0918 16:33 PS
Benzo(a)anthracene	ND	ug/kg	420				
Benzo(a)pyrene	ND	ug/kg	420				
Benzo(b)fluoranthene	ND	ug/kg	420				
Benzo(k)fluoranthene	ND	ug/kg	420				
Chrysene	ND	ug/kg	420				
Acenaphthylene	ND	ug/kg	420				
Anthracene	ND	ug/kg	420				
Benzo(ghi)perylene	ND	ug/kg	420				
Fluorene	ND	ug/kg	420				
Phenanthrene	ND	ug/kg	420				
Dibenzo(a,h)anthracene	ND	ug/kg	420				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	420				
Pyrene	ND	ug/kg	420				
Biphenyl	ND	ug/kg	420				
4-Chloroaniline	ND	ug/kg	420				
2-Nitroaniline	ND	ug/kg	420				
3-Nitroaniline	ND	ug/kg	420				
4-Nitroaniline	ND	ug/kg	590				
Dibenzofuran	ND	ug/kg	420				
2-Methylnaphthalene	ND	ug/kg	420				
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	1700				
Acetophenone	ND	ug/kg	1700				
2,4,6-Trichlorophenol	ND	ug/kg	420				
p-Chloro-M-Cresol	ND	ug/kg	420				
2-Chlorophenol	ND	ug/kg	510				
2,4-Dichlorophenol	ND	ug/kg	840				
2,4-Dimethylphenol	ND	ug/kg	420				
2-Nitrophenol	ND	ug/kg	1700				
4-Nitrophenol	ND	ug/kg	840				
2,4-Dinitrophenol	ND	ug/kg	1700				
4,6-Dinitro-o-cresol	ND	ug/kg	1700				
Pentachlorophenol	ND	ug/kg	1700				
Phenol	ND	ug/kg	590				
2-Methylphenol	ND	ug/kg	510				
3-Methylphenol/4-Methylphenol	ND	ug/kg	510				
2,4,5-Trichlorophenol	ND	ug/kg	420				
Benzoic Acid	ND	ug/kg	4200				
Benzyl Alcohol	ND	ug/kg	840				
Carbazole	ND	ug/kg	420				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	83.0	%	25-120				
Phenol-d6	87.0	%	10-120				
Nitrobenzene-d5	78.0	%	23-120				
2-Fluorobiphenyl	75.0	%	30-120				
2,4,6-Tribromophenol	84.0	%	19-120				
4-Terphenyl-d14	67.0	%	18-120				
Semivolatile Organics by EPA 8270C-SIM				1	8270C	0912 21:30	0916 20:08 AK

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813447-14
PWG-DW-2008-41(9-9.5')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C-SIM cont'd				1	8270C	0912 21:30	0916 20:08 AK
Acenaphthene	ND	ug/kg	84.				
2-Chloronaphthalene	ND	ug/kg	84.				
Fluoranthene	ND	ug/kg	84.				
Hexachlorobutadiene	ND	ug/kg	210				
Naphthalene	ND	ug/kg	84.				
Benzo(a)anthracene	ND	ug/kg	84.				
Benzo(a)pyrene	ND	ug/kg	84.				
Benzo(b)fluoranthene	ND	ug/kg	84.				
Benzo(k)fluoranthene	ND	ug/kg	84.				
Chrysene	ND	ug/kg	84.				
Acenaphthylene	ND	ug/kg	84.				
Anthracene	ND	ug/kg	84.				
Benzo(ghi)perylene	ND	ug/kg	84.				
Fluorene	ND	ug/kg	84.				
Phenanthrene	ND	ug/kg	84.				
Dibenzo(a,h)anthracene	ND	ug/kg	84.				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	84.				
Pyrene	ND	ug/kg	84.				
2-Methylnaphthalene	ND	ug/kg	84.				
Pentachlorophenol	ND	ug/kg	340				
Hexachlorobenzene	ND	ug/kg	340				
Hexachloroethane	ND	ug/kg	340				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	60.0	%	25-120				
Phenol-d6	66.0	%	10-120				
Nitrobenzene-d5	53.0	%	23-120				
2-Fluorobiphenyl	56.0	%	30-120				
2,4,6-Tribromophenol	47.0	%	19-120				
4-Terphenyl-d14	63.0	%	18-120				
Petroleum Hydrocarbon Quantitation by GC-FID				1	8015B(M)	0916 01:30	0918 04:18 JL
TPH	168000	ug/kg	42200				
Surrogate(s)	Recovery		QC Criteria				
o-Terphenyl	88.0	%	40-140				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS

MA:M-MA086 NH:2003 CT:PH-0574 ME:MA0086 RI:LAO00065 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0813447-15 Date Collected: 10-SEP-2008 11:35
PWG-DW-2008-42(2-5') Date Received : 11-SEP-2008
Sample Matrix: SOIL Date Reported : 22-SEP-2008
Condition of Sample: Satisfactory Field Prep: None
Number & Type of Containers: 3-Amber,1-Vial

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
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***** THIS SAMPLE IS ON HOLD *****

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL
 QUALITY ASSURANCE BATCH DUPLICATE ANALYSIS

Laboratory Job Number: L0813447

Parameter	Value 1	Value 2	Units	RPD	RPD Limits
Solids, Total for sample(s) 02-14 (L0813406-41, WG336296-1)					
Solids, Total	68	68	%	0	20
Total Metals for sample(s) 02-14 (L0813344-25, WG336225-3)					
Mercury, Total	1.1	0.80	mg/kg	32	35
Petroleum Hydrocarbon Quantitation by GC-FID for sample(s) 02-14 (L0813447-02, WG336438-3)					
TPH	ND	ND	ug/kg	NC	40
Surrogate(s)	Recovery				QC Criteria
o-Terphenyl	64.0	61.0	%		40-140

ALPHA ANALYTICAL
 QUALITY ASSURANCE BATCH SPIKE ANALYSES

Laboratory Job Number: L0813447

Parameter	% Recovery	QC Criteria
Total Metals LCS for sample(s) 02-14 (WG336219-4)		
Aluminum, Total	105	75-125
Antimony, Total	109	75-125
Arsenic, Total	107	75-125
Barium, Total	106	75-125
Beryllium, Total	105	75-125
Cadmium, Total	107	75-125
Calcium, Total	98	75-125
Chromium, Total	100	75-125
Cobalt, Total	105	75-125
Copper, Total	96	75-125
Iron, Total	98	75-125
Lead, Total	103	75-125
Magnesium, Total	92	75-125
Manganese, Total	96	75-125
Nickel, Total	105	75-125
Potassium, Total	102	75-125
Selenium, Total	104	75-125
Silver, Total	102	75-125
Sodium, Total	105	75-125
Thallium, Total	107	75-125
Vanadium, Total	100	75-125
Zinc, Total	100	75-125
Total Metals LCS for sample(s) 02-14 (WG336225-2)		
Mercury, Total	101	80-120
Petroleum Hydrocarbon Quantitation by GC-FID LCS for sample(s) 02-14 (WG336438-2)		
TPH	101	40-140
Surrogate(s)		
o-Terphenyl	85	40-140
Total Metals SPIKE for sample(s) 02-14 (L0813344-25, WG336225-4)		
Mercury, Total	0	70-130

ALPHA ANALYTICAL
QUALITY ASSURANCE BATCH LCS/LCSD ANALYSIS

Laboratory Job Number: L0813447

Parameter	LCS %	LCSD %	RPD	RPD Limit	QC Limits
Volatile Organics by EPA 8260B for sample(s) 02-14 (WG336650-1, WG336650-2)					
Chlorobenzene	101	97	4	30	60-133
Benzene	95	94	1	30	66-142
Toluene	98	95	3	30	59-139
1,1-Dichloroethene	91	92	1	30	59-172
Trichloroethene	95	93	2	30	62-137
Surrogate(s)					
1,2-Dichloroethane-d4	83	90	8		70-130
Toluene-d8	94	102	8		70-130
4-Bromofluorobenzene	92	102	10		70-130
Dibromofluoromethane	89	97	9		70-130
Volatile Organics by EPA 8260B for sample(s) 10-11 (WG336650-4, WG336650-5)					
Chlorobenzene	87	85	2	30	60-133
Benzene	89	86	3	30	66-142
Toluene	88	87	1	30	59-139
1,1-Dichloroethene	86	81	6	30	59-172
Trichloroethene	86	85	1	30	62-137
Surrogate(s)					
1,2-Dichloroethane-d4	88	87	1		70-130
Toluene-d8	99	100	1		70-130
4-Bromofluorobenzene	99	97	2		70-130
Dibromofluoromethane	96	96	0		70-130
Volatile Organics by EPA 8260B for sample(s) 01 (WG336088-4, WG336088-5)					
Chlorobenzene	96	101	5	20	75-130
Benzene	97	102	5	20	76-127
Toluene	95	102	7	20	76-125
1,1-Dichloroethene	93	99	6	20	61-145
Trichloroethene	93	99	6	20	71-120
Surrogate(s)					
1,2-Dichloroethane-d4	102	102	0		70-130
Toluene-d8	99	100	1		70-130
4-Bromofluorobenzene	100	99	1		70-130
Dibromofluoromethane	101	101	0		70-130
Semivolatile Organics by EPA 8270C for sample(s) 02-14 (WG336983-2, WG336983-3)					
Acenaphthene	83	84	1	50	31-137
1,2,4-Trichlorobenzene	75	78	4	50	38-107
2-Chloronaphthalene	85	85	0	50	40-140
1,2-Dichlorobenzene	79	82	4	50	40-140
1,4-Dichlorobenzene	75	76	1	50	28-104
2,4-Dinitrotoluene	107	106	1	50	28-89
2,6-Dinitrotoluene	89	93	4	50	40-140
Fluoranthene	101	99	2	50	40-140
4-Chlorophenyl phenyl ether	86	97	12	50	40-140

ALPHA ANALYTICAL
 QUALITY ASSURANCE BATCH LCS/LCSD ANALYSIS

Laboratory Job Number: L0813447

Continued

Parameter	LCS %	LCSD %	RPD	RPD Limit	QC Limits
Semivolatiles Organics by EPA 8270C for sample(s) 02-14 (WG336983-2, WG336983-3)					
n-Nitrosodi-n-propylamine	83	79	5	50	41-126
Butyl benzyl phthalate	112	109	3	50	40-140
Anthracene	95	93	2	50	40-140
Pyrene	98	97	1	50	35-142
P-Chloro-M-Cresol	89	90	1	50	26-103
2-Chlorophenol	84	81	4	50	25-102
2-Nitrophenol	88	81	8	50	30-130
4-Nitrophenol	96	98	2	50	11-114
2,4-Dinitrophenol	83	86	4	50	30-130
Pentachlorophenol	88	88	0	50	17-109
Phenol	82	84	2	50	26-90
Surrogate(s)					
2-Fluorophenol	97	90	7		25-120
Phenol-d6	95	89	7		10-120
Nitrobenzene-d5	89	79	12		23-120
2-Fluorobiphenyl	84	80	5		30-120
2,4,6-Tribromophenol	110	98	12		19-120
4-Terphenyl-d14	85	77	10		18-120
Semivolatiles Organics by EPA 8270C-SIM for sample(s) 02-14 (WG336244-2, WG336244-3)					
Acenaphthene	70	61	14		31-137
2-Chloronaphthalene	74	65	13		40-140
Fluoranthene	94	86	9		40-140
Anthracene	85	77	10		40-140
Pyrene	95	87	9		35-142
Pentachlorophenol	24	21	13		17-109
Surrogate(s)					
2-Fluorophenol	73	62	16		25-120
Phenol-d6	80	68	16		10-120
Nitrobenzene-d5	71	60	17		23-120
2-Fluorobiphenyl	66	57	15		30-120
2,4,6-Tribromophenol	48	43	11		19-120
4-Terphenyl-d14	83	76	9		18-120

ALPHA ANALYTICAL
QUALITY ASSURANCE BATCH MS/MSD ANALYSIS

Laboratory Job Number: L0813447

Parameter	MS %	MSD %	RPD	RPD Limit	MS/MSD Limits
Total Metals for sample(s) 02-14 (L0813447-13, WG336219-2)					
Aluminum, Total	956	566	51	35	75-125
Antimony, Total	57	60	5	35	75-125
Arsenic, Total	113	138	20	35	75-125
Barium, Total	110	99	11	35	75-125
Beryllium, Total	111	102	8	35	75-125
Cadmium, Total	108	110	2	35	75-125
Calcium, Total	0	0	NC	35	75-125
Chromium, Total	134	141	5	35	75-125
Cobalt, Total	99	98	1	35	75-125
Copper, Total	130	121	7	35	75-125
Iron, Total	2680	1880	35	35	75-125
Lead, Total	188	185	2	35	75-125
Magnesium, Total	0	0	NC	35	75-125
Manganese, Total	172	320	60	35	75-125
Nickel, Total	104	106	2	35	75-125
Potassium, Total	109	94	15	35	75-125
Selenium, Total	105	105	0	35	75-125
Silver, Total	104	102	2	35	75-125
Sodium, Total	113	107	5	35	75-125
Thallium, Total	96	97	1	35	75-125
Vanadium, Total	107	102	5	35	75-125
Zinc, Total	459	188	84	35	75-125

**ALPHA ANALYTICAL
QUALITY ASSURANCE BATCH BLANK ANALYSIS**

Laboratory Job Number: L0813447

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Blank Analysis for sample(s) 02-14 (WG336219-3)							
Total Metals							
Aluminum, Total	ND	mg/kg	5.0	1 6010B	0912 18:00	0918 12:27	AI
Antimony, Total	ND	mg/kg	2.5	1 6010B	0912 18:00	0918 12:27	AI
Arsenic, Total	ND	mg/kg	0.50	1 6010B	0912 18:00	0919 11:12	AI
Barium, Total	ND	mg/kg	0.50	1 6010B	0912 18:00	0918 12:27	AI
Beryllium, Total	ND	mg/kg	0.25	1 6010B	0912 18:00	0918 12:27	AI
Cadmium, Total	ND	mg/kg	0.50	1 6010B	0912 18:00	0918 12:27	AI
Calcium, Total	ND	mg/kg	5.0	1 6010B	0912 18:00	0918 12:27	AI
Chromium, Total	ND	mg/kg	0.50	1 6010B	0912 18:00	0918 12:27	AI
Cobalt, Total	ND	mg/kg	1.0	1 6010B	0912 18:00	0918 12:27	AI
Copper, Total	ND	mg/kg	0.50	1 6010B	0912 18:00	0918 12:27	AI
Iron, Total	ND	mg/kg	2.5	1 6010B	0912 18:00	0918 12:27	AI
Lead, Total	ND	mg/kg	2.5	1 6010B	0912 18:00	0918 12:27	AI
Magnesium, Total	ND	mg/kg	5.0	1 6010B	0912 18:00	0918 12:27	AI
Manganese, Total	ND	mg/kg	0.50	1 6010B	0912 18:00	0919 11:12	AI
Nickel, Total	ND	mg/kg	1.2	1 6010B	0912 18:00	0918 12:27	AI
Potassium, Total	ND	mg/kg	120	1 6010B	0912 18:00	0918 12:27	AI
Selenium, Total	ND	mg/kg	1.0	1 6010B	0912 18:00	0919 11:12	AI
Silver, Total	ND	mg/kg	0.50	1 6010B	0912 18:00	0918 12:27	AI
Sodium, Total	ND	mg/kg	100	1 6010B	0912 18:00	0918 12:27	AI
Thallium, Total	ND	mg/kg	1.0	1 6010B	0912 18:00	0918 12:27	AI
Vanadium, Total	ND	mg/kg	0.50	1 6010B	0912 18:00	0918 12:27	AI
Zinc, Total	ND	mg/kg	2.5	1 6010B	0912 18:00	0918 12:27	AI
Blank Analysis for sample(s) 02-14 (WG336225-1)							
Total Metals							
Mercury, Total	ND	mg/kg	0.08	1 7471A	0912 20:30	0914 13:49	HG
Blank Analysis for sample(s) 01 (WG336088-6)							
Volatile Organics by EPA 8260B				1 8260B	0912 11:36 PD		
Methylene chloride	ND	ug/l	5.0				
1,1-Dichloroethane	ND	ug/l	0.75				
Chloroform	ND	ug/l	0.75				
Carbon tetrachloride	ND	ug/l	0.50				
1,2-Dichloropropane	ND	ug/l	1.8				
Dibromochloromethane	ND	ug/l	0.50				
1,1,2-Trichloroethane	ND	ug/l	0.75				
Tetrachloroethene	ND	ug/l	0.50				
Chlorobenzene	ND	ug/l	0.50				
Trichlorofluoromethane	ND	ug/l	2.5				
1,2-Dichloroethane	ND	ug/l	0.50				
1,1,1-Trichloroethane	ND	ug/l	0.50				
Bromodichloromethane	ND	ug/l	0.50				
trans-1,3-Dichloropropene	ND	ug/l	0.50				
cis-1,3-Dichloropropene	ND	ug/l	0.50				

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PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Blank Analysis for sample(s) 01 (WG336088-6)							
Volatile Organics by EPA 8260B cont'd				1	8260B	0912	11:36 PD
1,1-Dichloropropene	ND	ug/l	2.5				
Bromoform	ND	ug/l	2.0				
1,1,2,2-Tetrachloroethane	ND	ug/l	0.50				
Benzene	ND	ug/l	0.50				
Toluene	ND	ug/l	0.75				
Ethylbenzene	ND	ug/l	0.50				
Chloromethane	ND	ug/l	2.5				
Bromomethane	ND	ug/l	1.0				
Vinyl chloride	ND	ug/l	1.0				
Chloroethane	ND	ug/l	1.0				
1,1-Dichloroethene	ND	ug/l	0.50				
trans-1,2-Dichloroethene	ND	ug/l	0.75				
Trichloroethene	ND	ug/l	0.50				
1,2-Dichlorobenzene	ND	ug/l	2.5				
1,3-Dichlorobenzene	ND	ug/l	2.5				
1,4-Dichlorobenzene	ND	ug/l	2.5				
Methyl tert butyl ether	ND	ug/l	1.0				
p/m-Xylene	ND	ug/l	1.0				
o-Xylene	ND	ug/l	1.0				
cis-1,2-Dichloroethene	ND	ug/l	0.50				
Dibromomethane	ND	ug/l	5.0				
1,2,3-Trichloropropane	ND	ug/l	5.0				
Acrylonitrile	ND	ug/l	5.0				
Styrene	ND	ug/l	1.0				
Dichlorodifluoromethane	ND	ug/l	5.0				
Acetone	ND	ug/l	5.0				
Carbon disulfide	ND	ug/l	5.0				
2-Butanone	ND	ug/l	5.0				
Vinyl acetate	ND	ug/l	5.0				
4-Methyl-2-pentanone	ND	ug/l	5.0				
2-Hexanone	ND	ug/l	5.0				
Bromochloromethane	ND	ug/l	2.5				
2,2-Dichloropropane	ND	ug/l	2.5				
1,2-Dibromoethane	ND	ug/l	2.0				
1,3-Dichloropropane	ND	ug/l	2.5				
1,1,1,2-Tetrachloroethane	ND	ug/l	0.50				
Bromobenzene	ND	ug/l	2.5				
n-Butylbenzene	ND	ug/l	0.50				
sec-Butylbenzene	ND	ug/l	0.50				
tert-Butylbenzene	ND	ug/l	2.5				
o-Chlorotoluene	ND	ug/l	2.5				
p-Chlorotoluene	ND	ug/l	2.5				
1,2-Dibromo-3-chloropropane	ND	ug/l	2.5				
Hexachlorobutadiene	ND	ug/l	0.60				
Isopropylbenzene	ND	ug/l	0.50				
p-Isopropyltoluene	ND	ug/l	0.50				

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PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Blank Analysis for sample(s) 01 (WG336088-6)							
Volatile Organics by EPA 8260B cont'd				1	8260B	0912	11:36 PD
Naphthalene	ND	ug/l	2.5				
n-Propylbenzene	ND	ug/l	0.50				
1,2,3-Trichlorobenzene	ND	ug/l	2.5				
1,2,4-Trichlorobenzene	ND	ug/l	2.5				
1,3,5-Trimethylbenzene	ND	ug/l	2.5				
1,2,4-Trimethylbenzene	ND	ug/l	2.5				
1,4-Diethylbenzene	ND	ug/l	2.0				
4-Ethyltoluene	ND	ug/l	2.0				
1,2,4,5-Tetramethylbenzene	ND	ug/l	2.0				
Surrogate(s)	Recovery		QC Criteria				
1,2-Dichloroethane-d4	102	%	70-130				
Toluene-d8	99.0	%	70-130				
4-Bromofluorobenzene	103	%	70-130				
Dibromofluoromethane	95.0	%	70-130				
Blank Analysis for sample(s) 02-14 (WG336650-3)							
Volatile Organics by EPA 8260B				1	8260B	0915	13:31 PD
Methylene chloride	ND	ug/kg	25.				
1,1-Dichloroethane	ND	ug/kg	3.8				
Chloroform	ND	ug/kg	3.8				
Carbon tetrachloride	ND	ug/kg	2.5				
1,2-Dichloropropane	ND	ug/kg	8.8				
Dibromochloromethane	ND	ug/kg	2.5				
1,1,2-Trichloroethane	ND	ug/kg	3.8				
Tetrachloroethene	ND	ug/kg	2.5				
Chlorobenzene	ND	ug/kg	2.5				
Trichlorofluoromethane	ND	ug/kg	12.				
1,2-Dichloroethane	ND	ug/kg	2.5				
1,1,1-Trichloroethane	ND	ug/kg	2.5				
Bromodichloromethane	ND	ug/kg	2.5				
trans-1,3-Dichloropropene	ND	ug/kg	2.5				
cis-1,3-Dichloropropene	ND	ug/kg	2.5				
1,1-Dichloropropene	ND	ug/kg	12.				
Bromoform	ND	ug/kg	10.				
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.5				
Benzene	ND	ug/kg	2.5				
Toluene	ND	ug/kg	3.8				
Ethylbenzene	ND	ug/kg	2.5				
Chloromethane	ND	ug/kg	12.				
Bromomethane	ND	ug/kg	5.0				
Vinyl chloride	ND	ug/kg	5.0				
Chloroethane	ND	ug/kg	5.0				
1,1-Dichloroethene	ND	ug/kg	2.5				
trans-1,2-Dichloroethene	ND	ug/kg	3.8				
Trichloroethene	ND	ug/kg	2.5				

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					PREP	ANAL	
Blank Analysis for sample(s) 02-14 (WG336650-3)							
Volatile Organics by EPA 8260B cont'd				1	8260B	0915	13:31 PD
1,2-Dichlorobenzene	ND	ug/kg	12.				
1,3-Dichlorobenzene	ND	ug/kg	12.				
1,4-Dichlorobenzene	ND	ug/kg	12.				
Methyl tert butyl ether	ND	ug/kg	5.0				
p/m-Xylene	ND	ug/kg	5.0				
o-Xylene	ND	ug/kg	5.0				
cis-1,2-Dichloroethene	ND	ug/kg	2.5				
Dibromomethane	ND	ug/kg	25.				
Styrene	ND	ug/kg	5.0				
Dichlorodifluoromethane	ND	ug/kg	25.				
Acetone	ND	ug/kg	25.				
Carbon disulfide	ND	ug/kg	25.				
2-Butanone	ND	ug/kg	25.				
Vinyl acetate	ND	ug/kg	25.				
4-Methyl-2-pentanone	ND	ug/kg	25.				
1,2,3-Trichloropropane	ND	ug/kg	25.				
2-Hexanone	ND	ug/kg	25.				
Bromochloromethane	ND	ug/kg	12.				
2,2-Dichloropropane	ND	ug/kg	12.				
1,2-Dibromoethane	ND	ug/kg	10.				
1,3-Dichloropropane	ND	ug/kg	12.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.5				
Bromobenzene	ND	ug/kg	12.				
n-Butylbenzene	ND	ug/kg	2.5				
sec-Butylbenzene	ND	ug/kg	2.5				
tert-Butylbenzene	ND	ug/kg	12.				
o-Chlorotoluene	ND	ug/kg	12.				
p-Chlorotoluene	ND	ug/kg	12.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	12.				
Hexachlorobutadiene	ND	ug/kg	12.				
Isopropylbenzene	ND	ug/kg	2.5				
p-Isopropyltoluene	ND	ug/kg	2.5				
Naphthalene	ND	ug/kg	12.				
Acrylonitrile	ND	ug/kg	25.				
n-Propylbenzene	ND	ug/kg	2.5				
1,2,3-Trichlorobenzene	ND	ug/kg	12.				
1,2,4-Trichlorobenzene	ND	ug/kg	12.				
1,3,5-Trimethylbenzene	ND	ug/kg	12.				
1,2,4-Trimethylbenzene	ND	ug/kg	12.				
1,4-Diethylbenzene	ND	ug/kg	10.				
4-Ethyltoluene	ND	ug/kg	10.				
1,2,4,5-Tetramethylbenzene	ND	ug/kg	10.				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	94.0	%		70-130			
Toluene-d8	109	%		70-130			

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					PREP	ANAL	
Blank Analysis for sample(s) 02-14 (WG336650-3)							
Volatile Organics by EPA 8260B cont'd				1	8260B	0915	13:31 PD
4-Bromofluorobenzene	115	%	70-130				
Dibromofluoromethane	98.0	%	70-130				
Blank Analysis for sample(s) 10-11 (WG336650-6)							
Volatile Organics by EPA 8260B				1	8260B	0916	11:35 PD
Methylene chloride	ND	ug/kg	25.				
1,1-Dichloroethane	ND	ug/kg	3.8				
Chloroform	ND	ug/kg	3.8				
Carbon tetrachloride	ND	ug/kg	2.5				
1,2-Dichloropropane	ND	ug/kg	8.8				
Dibromochloromethane	ND	ug/kg	2.5				
1,1,2-Trichloroethane	ND	ug/kg	3.8				
Tetrachloroethene	ND	ug/kg	2.5				
Chlorobenzene	ND	ug/kg	2.5				
Trichlorofluoromethane	ND	ug/kg	12.				
1,2-Dichloroethane	ND	ug/kg	2.5				
1,1,1-Trichloroethane	ND	ug/kg	2.5				
Bromodichloromethane	ND	ug/kg	2.5				
trans-1,3-Dichloropropene	ND	ug/kg	2.5				
cis-1,3-Dichloropropene	ND	ug/kg	2.5				
1,1-Dichloropropene	ND	ug/kg	12.				
Bromoform	ND	ug/kg	10.				
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.5				
Benzene	ND	ug/kg	2.5				
Toluene	ND	ug/kg	3.8				
Ethylbenzene	ND	ug/kg	2.5				
Chloromethane	ND	ug/kg	12.				
Bromomethane	ND	ug/kg	5.0				
Vinyl chloride	ND	ug/kg	5.0				
Chloroethane	ND	ug/kg	5.0				
1,1-Dichloroethene	ND	ug/kg	2.5				
trans-1,2-Dichloroethene	ND	ug/kg	3.8				
Trichloroethene	ND	ug/kg	2.5				
1,2-Dichlorobenzene	ND	ug/kg	12.				
1,3-Dichlorobenzene	ND	ug/kg	12.				
1,4-Dichlorobenzene	ND	ug/kg	12.				
Methyl tert butyl ether	ND	ug/kg	5.0				
p/m-Xylene	ND	ug/kg	5.0				
o-Xylene	ND	ug/kg	5.0				
cis-1,2-Dichloroethene	ND	ug/kg	2.5				
Dibromomethane	ND	ug/kg	25.				
Styrene	ND	ug/kg	5.0				
Dichlorodifluoromethane	ND	ug/kg	25.				
Acetone	ND	ug/kg	25.				
Carbon disulfide	ND	ug/kg	25.				
2-Butanone	ND	ug/kg	25.				

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					PREP	ANAL	
Blank Analysis for sample(s) 10-11 (WG336650-6)							
Volatile Organics by EPA 8260B cont'd				1	8260B	0916	11:35 PD
Vinyl acetate	ND	ug/kg	25.				
4-Methyl-2-pentanone	ND	ug/kg	25.				
1,2,3-Trichloropropane	ND	ug/kg	25.				
2-Hexanone	ND	ug/kg	25.				
Bromochloromethane	ND	ug/kg	12.				
2,2-Dichloropropane	ND	ug/kg	12.				
1,2-Dibromoethane	ND	ug/kg	10.				
1,3-Dichloropropane	ND	ug/kg	12.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.5				
Bromobenzene	ND	ug/kg	12.				
n-Butylbenzene	ND	ug/kg	2.5				
sec-Butylbenzene	ND	ug/kg	2.5				
tert-Butylbenzene	ND	ug/kg	12.				
o-Chlorotoluene	ND	ug/kg	12.				
p-Chlorotoluene	ND	ug/kg	12.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	12.				
Hexachlorobutadiene	ND	ug/kg	12.				
Isopropylbenzene	ND	ug/kg	2.5				
p-Isopropyltoluene	ND	ug/kg	2.5				
Naphthalene	ND	ug/kg	12.				
Acrylonitrile	ND	ug/kg	25.				
n-Propylbenzene	ND	ug/kg	2.5				
1,2,3-Trichlorobenzene	ND	ug/kg	12.				
1,2,4-Trichlorobenzene	ND	ug/kg	12.				
1,3,5-Trimethylbenzene	ND	ug/kg	12.				
1,2,4-Trimethylbenzene	ND	ug/kg	12.				
1,4-Diethylbenzene	ND	ug/kg	10.				
4-Ethyltoluene	ND	ug/kg	10.				
1,2,4,5-Tetramethylbenzene	ND	ug/kg	10.				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	101	%		70-130			
Toluene-d8	117	%		70-130			
4-Bromofluorobenzene	123	%		70-130			
Dibromofluoromethane	106	%		70-130			
Blank Analysis for sample(s) 02-14 (WG336983-1)							
Semivolatile Organics by EPA 8270C				1	8270C	0916	19:00 0918 10:44 PS
Acenaphthene	ND	ug/kg	330				
1,2,4-Trichlorobenzene	ND	ug/kg	330				
Hexachlorobenzene	ND	ug/kg	330				
Bis(2-chloroethyl)ether	ND	ug/kg	330				
2-Chloronaphthalene	ND	ug/kg	400				
1,2-Dichlorobenzene	ND	ug/kg	330				
1,3-Dichlorobenzene	ND	ug/kg	330				
1,4-Dichlorobenzene	ND	ug/kg	330				

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					PREP	ANAL	
Blank Analysis for sample(s) 02-14 (WG336983-1)							
Semivolatile Organics by EPA 8270C cont'd				1 8270C	0916 19:00	0918 10:44	PS
3,3'-Dichlorobenzidine	ND	ug/kg	670				
2,4-Dinitrotoluene	ND	ug/kg	330				
2,6-Dinitrotoluene	ND	ug/kg	330				
Fluoranthene	ND	ug/kg	330				
4-Chlorophenyl phenyl ether	ND	ug/kg	330				
4-Bromophenyl phenyl ether	ND	ug/kg	330				
Bis(2-chloroisopropyl)ether	ND	ug/kg	330				
Bis(2-chloroethoxy)methane	ND	ug/kg	330				
Hexachlorobutadiene	ND	ug/kg	670				
Hexachlorocyclopentadiene	ND	ug/kg	670				
Hexachloroethane	ND	ug/kg	330				
Isophorone	ND	ug/kg	330				
Naphthalene	ND	ug/kg	330				
Nitrobenzene	ND	ug/kg	330				
NitrosoDiPhenylAmine(NDPA)/DPA	ND	ug/kg	1000				
n-Nitrosodi-n-propylamine	ND	ug/kg	330				
Bis(2-Ethylhexyl)phthalate	ND	ug/kg	670				
Butyl benzyl phthalate	ND	ug/kg	330				
Di-n-butylphthalate	ND	ug/kg	330				
Di-n-octylphthalate	ND	ug/kg	330				
Diethyl phthalate	ND	ug/kg	330				
Dimethyl phthalate	ND	ug/kg	330				
Benzo(a)anthracene	ND	ug/kg	330				
Benzo(a)pyrene	ND	ug/kg	330				
Benzo(b)fluoranthene	ND	ug/kg	330				
Benzo(k)fluoranthene	ND	ug/kg	330				
Chrysene	ND	ug/kg	330				
Acenaphthylene	ND	ug/kg	330				
Anthracene	ND	ug/kg	330				
Benzo(ghi)perylene	ND	ug/kg	330				
Fluorene	ND	ug/kg	330				
Phenanthrene	ND	ug/kg	330				
Dibenzo(a,h)anthracene	ND	ug/kg	330				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	330				
Pyrene	ND	ug/kg	330				
Biphenyl	ND	ug/kg	330				
4-Chloroaniline	ND	ug/kg	330				
2-Nitroaniline	ND	ug/kg	330				
3-Nitroaniline	ND	ug/kg	330				
4-Nitroaniline	ND	ug/kg	470				
Dibenzofuran	ND	ug/kg	330				
2-Methylnaphthalene	ND	ug/kg	330				
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	1300				
Acetophenone	ND	ug/kg	1300				
2,4,6-Trichlorophenol	ND	ug/kg	330				
P-Chloro-M-Cresol	ND	ug/kg	330				

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					PREP	ANAL	
Blank Analysis for sample(s) 02-14 (WG336983-1)							
Semivolatile Organics by EPA 8270C cont'd				1 8270C	0916 19:00	0918 10:44	PS
2-Chlorophenol	ND	ug/kg	400				
2,4-Dichlorophenol	ND	ug/kg	670				
2,4-Dimethylphenol	ND	ug/kg	330				
2-Nitrophenol	ND	ug/kg	1300				
4-Nitrophenol	ND	ug/kg	670				
2,4-Dinitrophenol	ND	ug/kg	1300				
4,6-Dinitro-o-cresol	ND	ug/kg	1300				
Pentachlorophenol	ND	ug/kg	1300				
Phenol	ND	ug/kg	470				
2-Methylphenol	ND	ug/kg	400				
3-Methylphenol/4-Methylphenol	ND	ug/kg	400				
2,4,5-Trichlorophenol	ND	ug/kg	330				
Benzoic Acid	ND	ug/kg	3300				
Benzyl Alcohol	ND	ug/kg	670				
Carbazole	ND	ug/kg	330				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	86.0	%	25-120				
Phenol-d6	84.0	%	10-120				
Nitrobenzene-d5	78.0	%	23-120				
2-Fluorobiphenyl	77.0	%	30-120				
2,4,6-Tribromophenol	40.0	%	19-120				
4-Terphenyl-d14	83.0	%	18-120				
Blank Analysis for sample(s) 02-14 (WG336244-1)							
Semivolatile Organics by EPA 8270C-SIM				1 8270C	0912 21:30	0915 17:07	AK
Acenaphthene	ND	ug/kg	13.				
2-Chloronaphthalene	ND	ug/kg	13.				
Fluoranthene	ND	ug/kg	13.				
Hexachlorobutadiene	ND	ug/kg	33.				
Naphthalene	ND	ug/kg	13.				
Benzo(a)anthracene	ND	ug/kg	13.				
Benzo(a)pyrene	ND	ug/kg	13.				
Benzo(b)fluoranthene	ND	ug/kg	13.				
Benzo(k)fluoranthene	ND	ug/kg	13.				
Chrysene	ND	ug/kg	13.				
Acenaphthylene	ND	ug/kg	13.				
Anthracene	ND	ug/kg	13.				
Benzo(ghi)perylene	ND	ug/kg	13.				
Fluorene	ND	ug/kg	13.				
Phenanthrene	ND	ug/kg	13.				
Dibenzo(a,h)anthracene	ND	ug/kg	13.				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	13.				
Pyrene	ND	ug/kg	13.				
2-Methylnaphthalene	ND	ug/kg	13.				
Pentachlorophenol	ND	ug/kg	53.				

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					PREP	ANAL	
Blank Analysis for sample(s) 02-14 (WG336244-1)							
Semivolatile Organics by EPA 8270C-SIM cont'd				1	8270C	0912 21:30	0915 17:07 AK
Hexachlorobenzene	ND	ug/kg	53.				
Hexachloroethane	ND	ug/kg	53.				
Surrogate(s)	Recovery			QC Criteria			
2-Fluorophenol	70.0	%		25-120			
Phenol-d6	78.0	%		10-120			
Nitrobenzene-d5	71.0	%		23-120			
2-Fluorobiphenyl	64.0	%		30-120			
2,4,6-Tribromophenol	57.0	%		19-120			
4-Terphenyl-d14	79.0	%		18-120			
Blank Analysis for sample(s) 02-14 (WG336438-1)							
Petroleum Hydrocarbon Quantitation by GC-FID				1	8015B(M)	0916 01:30	0917 19:12 JL
TPH	ND	ug/kg	33300				
Surrogate(s)	Recovery			QC Criteria			
o-Terphenyl	53.0	%		40-140			

**ALPHA ANALYTICAL
ADDENDUM I**

REFERENCES

1. Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IIIA, 1997.
30. Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

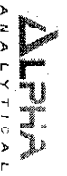
GLOSSARY OF TERMS AND SYMBOLS

REF	Reference number in which test method may be found.
METHOD	Method number by which analysis was performed.
ID	Initials of the analyst.
ND	Not detected in comparison to the reported detection limit.
NI	Not Ignitable.
ug/cart	Micrograms per Cartridge.
H	The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

LIMITATION OF LIABILITIES

Alpha Analytical, Inc. performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical, Inc., shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical, Inc. be held liable for any incidental consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical, Inc.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding times and splitting of samples in the field.



CHAIN OF CUSTODY

PAGE OF

Project Information

Westborough, MA Mansfield, MA
 TEL: 508-898-9220 TEL: 508-822-9300
 FAX: 508-898-9193 FAX: 508-822-3288

Client Information

Client: P.W. Grosser
 Address: 630 Johnson Avenue, Suite 7
 Bohemia, NY 11716
 Phone: 631-589-6353
 Fax: 631-589-8705

Turn-Around Time

Standard Rush (ONLY IF PRE-APPROVED)

Email: _____ Due Date: 9/11/08 Time: _____

These samples have been previously analyzed by Alpha
 Other Project Specific Requirements/Comments/Detection Limits:

Date Rec'd in Lab: 9/11/08

ALPHA Job #: 6313497

Report Information Data Deliverables

FAX EMAIL
 ADEX Add'l Deliverables

Billing Information

Same as Client info

PO #:

Regulatory Requirements/Report Limits

State/Fed Program: NYSD&S Analytical Services Protocol (APP)
 Criteria: _____

MCP PRESUMPTIVE CERTAINTY-CT REASONABLE CONFIDENCE PROTOCOLS

Yes No Are MCP Analytical Methods Required?
 Yes No Are CT RCP (Reasonable Confidence Protocol) Required?

ANALYSIS

TCL 8260	<input checked="" type="checkbox"/>
TCL 8270	<input checked="" type="checkbox"/>
TAL metals 6060/7000	<input checked="" type="checkbox"/>
TPH 0815	<input checked="" type="checkbox"/>
Y260	<input checked="" type="checkbox"/>

SAMPLE HANDLING
 Filtration
 Done
 Not Needed
 Lab to do
 Preservation
 Lab to do
 (Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials
		Date	Time		

03497	78091028				
1	PwG-DU-2005-27 (12-5-13')	9/10/08	0815	S	JCC
2	PwG-DU-2005-27 (12-12.5')		0820		
3	PwG-DU-2005-27 (12-12.5')		0915		
4	PwG-DU-2005-27 (10-10.5')		0930		
5	PwG-DU-2005-30 (8.5-9')		0945		
6	PwG-DU-2005-31 (8-8.5')		1000		
7	PwG-DU-2005-31 (7-7.5')		1015		
8	PwG-DU-2005-34 (5.5-6')		1030		
9	PwG-DU-2005-37 (11-11.5')		1020		
10	PwG-DU-2005-101 (5.5-6')				

PLEASE ANSWER QUESTIONS ABOVE!

Relinquished By: _____

Date/Time: 9/10/08 1400

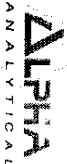
Received By: _____

Date/Time: 9/10/08 1815

IS YOUR PROJECT
 MA MCP or CT RCP?

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any amplitudes are received. All samples submitted are subject to Alpha's Payment Terms.

FORM NO. 01-010
 REV. 05-01-07



CHAIN OF CUSTODY

PAGE OF

Project Information

Westborough, MA Mansfield, MA
 TEL: 508-898-9220 TEL: 508-822-9900
 FAX: 508-898-9193 FAX: 508-822-3288

Project Name: *Avalon Bar*

Project Location: *81 Banks Ave. Exeterville, VA*

Project #: *A180201*

Project Manager: *Kris Alinsky*

ALPHA Quote #:

Date Rec'd in Lab: *9/11/08*

ALPHA Job #: *L0813471*

Report Information Data Deliverables Billing Information

FAX EMAIL Same as Client Info

ADEX Add'l Deliverables

Regulatory Requirements/Report Limits

State/Fed Program: *MSDC Analytical Services, Federal (ASD)*

MCP PRESUMPTIVE CERTAINTY-CT REASONABLE CONFIDENCE PROTOCOLS

Yes No Are MCP Analytical Methods Required?

Yes No Are CT RCP (Reasonable Confidence Protocols) Required?

ANALYSIS

TCL 828

TCL 828

TAL Metals 6010/7000

TPH 8015

SAMPLE HANDLING

Filtration Done

Not Needed

Lab to do

Preservation

Lab to do (Please specify below)

ALPHA Lab ID (Lab Use Only)

Sample ID

Collection Date

Time

Sample Matrix

Sampler's Initials

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Time	Sample Matrix	Sampler's Initials	ANALYSIS	Sample Specific Comments
13497	11	9/10/08	6:45	S	JLC	TCL 828	
	12	9/10/08	8:54	(85-91)		TCL 828	
	13	9/10/08	9:01	(6-55)		TAL Metals 6010/7000	
	14	9/10/08	9:05	(9-9,5')		TPH 8015	
	15	9/10/08	9:21	(2-5')			Hold Sample

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

FORM NO 01-9-01 (Rev. 30-Jul-07)

Relinquished By: *[Signature]* Date/Time: *9/10/08 14:00*

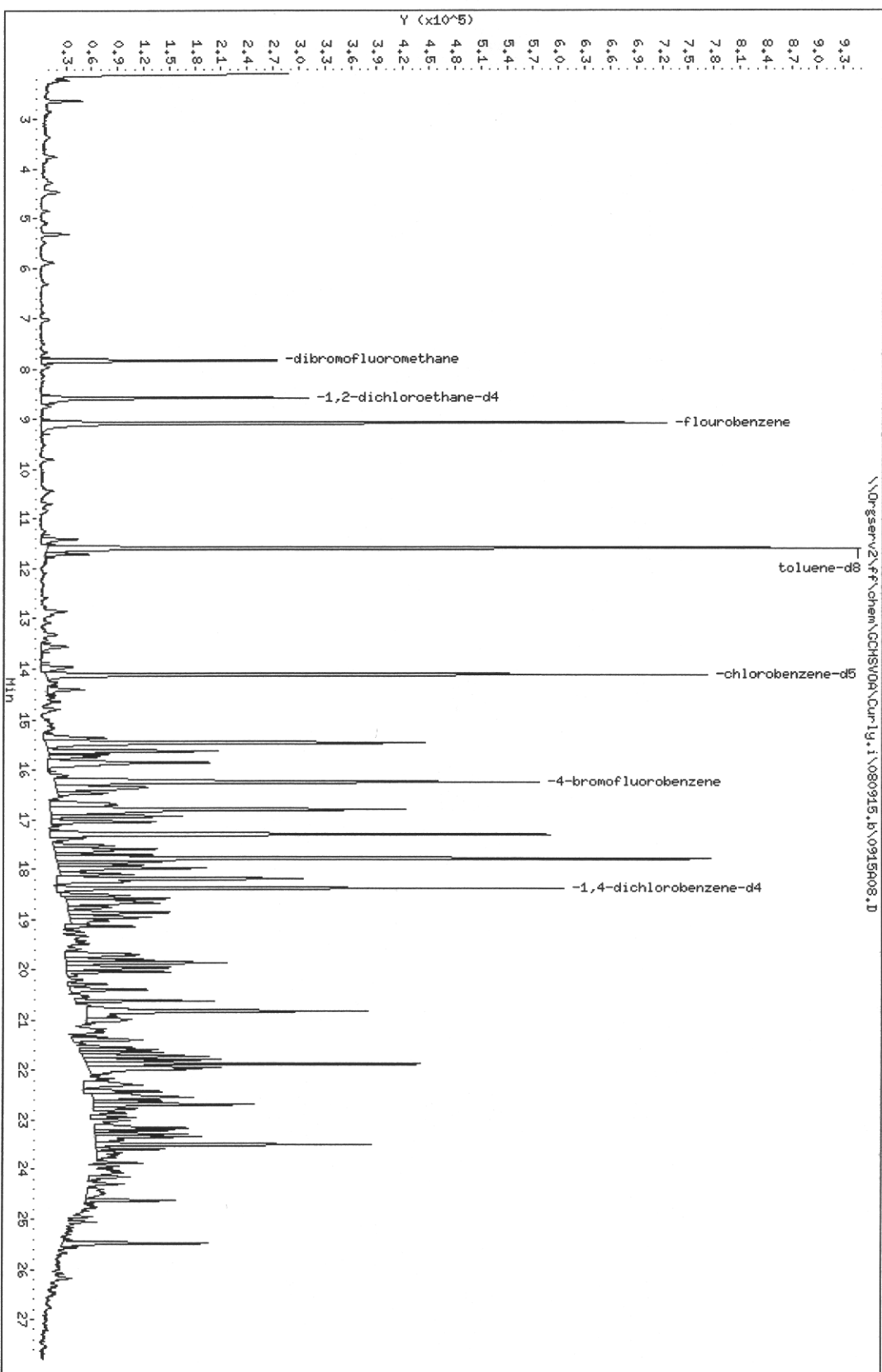
Received By: *[Signature]* Date/Time: *9/11/08 11:30*

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time dock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms.

[Signatures]

Data File: \\0rgserv2\ff\chem\GCMSV08\Cur1y.i\080915.B\0915A08.D
Date: 15-SEP-2008 16:42
Client ID:
Sample Info: L0813447-05,3,2.0
Volume Injected (uL): 0.1
Column phase:

Instrument: cur1y.i
Operator: PD
Column diameter: 0.53





ANALYTICAL REPORT

Lab Number: L0813541
Client: P. W. Grosser
630 Johnson Avenue
Suite 7
Bohemia, NY 11716
ATTN: Kris Almskog
Project Name: FORMER DARBY DRUG
Project Number: AVB0801
Report Date: 09/25/08

Certifications & Approvals: MA (M-MA030), NY (11627), CT (PH-0141), NH (2206), NJ (MA015), RI (LAO00299), ME (MA0030), PA (Registration #68-02089), LA NELAC (03090), FL NELAC (E87814), US Army Corps of Engineers.

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com



Project Name: FORMER DARBY DRUG
Project Number: AVB0801

Lab Number: L0813541
Report Date: 09/25/08

Alpha Sample ID	Client ID	Sample Location
L0813541-01	PWG-SG-2008-01	ROCKVILLE CENTRE
L0813541-02	PWG-SG-2008-02	ROCKVILLE CENTRE
L0813541-03	PWG-SG-2008-03	ROCKVILLE CENTRE
L0813541-04	PWG-SG-2008-04	ROCKVILLE CENTRE
L0813541-05	PWG-SG-2008-05	ROCKVILLE CENTRE
L0813541-06	PWG-SG-2008-06	ROCKVILLE CENTRE
L0813541-07	PWG-SG-2008-07	ROCKVILLE CENTRE
L0813541-08	PWG-SG-2008-08	ROCKVILLE CENTRE
L0813541-09	PWG-SG-2008-09	ROCKVILLE CENTRE
L0813541-10	PWG-SG-2008-10	ROCKVILLE CENTRE
L0813541-11	PWG-SG-2008-11	ROCKVILLE CENTRE
L0813541-12	PWG-SG-2008-12	ROCKVILLE CENTRE

Project Name: FORMER DARBY DRUG
Project Number: AVB0801

Lab Number: L0813541
Report Date: 09/25/08

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

TO-15

L0813541-01 and -03: results for Propylene should be considered estimated due to co-elution with a non-target peak.

L0813541-05, WG336905-4 Duplicate, L0813541-07, -09 through -11 have elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L0813541-05, -07 and -11 required re-analysis on a dilution in order to quantitate the sample within the calibration range. The result is reported as a "greater than" value for the compound that exceeded the calibration on the initial analysis. The re-analysis was performed only for the compound which exceeded the calibration range.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:



Title: Technical Director/Representative

Date: 09/25/08

AIR

Project Name: FORMER DARBY DRUG
Project Number: AVB0801

Lab Number: L0813541
Report Date: 09/25/08

SAMPLE RESULTS

Lab ID: L0813541-01
 Client ID: PWG-SG-2008-01
 Sample Location: ROCKVILLE CENTRE
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 09/17/08 15:28
 Analyst: RY

Date Collected: 09/10/08 13:10
 Date Received: 09/11/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Low Level Volatile Organic Compounds in Air						
1,1,1-Trichloroethane	0.244	0.200	1.33	1.09		1
1,1,2,2-Tetrachloroethane	ND	0.200	ND	1.37		1
1,1,2-Trichloroethane	ND	0.200	ND	1.09		1
1,1-Dichloroethane	ND	0.200	ND	0.809		1
1,1-Dichloroethene	ND	0.200	ND	0.792		1
1,2,4-Trichlorobenzene	ND	0.200	ND	1.48		1
1,2,4-Trimethylbenzene	1.12	0.200	5.50	0.982		1
1,2-Dibromoethane	ND	0.200	ND	1.54		1
1,2-Dichlorobenzene	ND	0.200	ND	1.20		1
1,2-Dichloroethane	ND	0.200	ND	0.809		1
1,2-Dichloropropane	ND	0.200	ND	0.924		1
1,3,5-Trimethylbenzene	0.464	0.200	2.28	0.982		1
1,3-Butadiene	ND	0.200	ND	0.442		1
1,3-Dichlorobenzene	ND	0.200	ND	1.20		1
1,4-Dichlorobenzene	6.11	0.200	36.7	1.20		1
1,4-Dioxane	ND	0.200	ND	0.720		1
2,2,4-Trimethylpentane	ND	0.200	ND	0.934		1
2-Butanone	0.965	0.200	2.84	0.589		1
2-Hexanone	ND	0.200	ND	0.819		1
3-Chloropropene	ND	0.200	ND	0.626		1
4-Ethyltoluene	ND	0.200	ND	0.982		1
Acetone	7.06	0.500	16.7	1.19		1
Benzene	ND	0.200	ND	0.638		1
Benzyl chloride	ND	0.200	ND	1.03		1
Bromodichloromethane	ND	0.200	ND	1.34		1



Project Name: FORMER DARBY DRUG**Lab Number:** L0813541**Project Number:** AVB0801**Report Date:** 09/25/08**SAMPLE RESULTS**

Lab ID: L0813541-01

Date Collected: 09/10/08 13:10

Client ID: PWG-SG-2008-01

Date Received: 09/11/08

Sample Location: ROCKVILLE CENTRE

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Low Level Volatile Organic Compounds in Air						
Bromoform	ND	0.200	ND	2.06		1
Bromomethane	ND	0.200	ND	0.776		1
Carbon disulfide	0.254	0.200	0.789	0.622		1
Carbon tetrachloride	ND	0.200	ND	1.26		1
Chlorobenzene	ND	0.200	ND	0.920		1
Chloroethane	ND	0.200	ND	0.527		1
Chloroform	ND	0.200	ND	0.976		1
Chloromethane	ND	0.200	ND	0.413		1
cis-1,2-Dichloroethene	ND	0.200	ND	0.792		1
cis-1,3-Dichloropropene	ND	0.200	ND	0.907		1
Cyclohexane	0.274	0.200	0.942	0.688		1
Dibromochloromethane	ND	0.200	ND	1.70		1
Dichlorodifluoromethane	1.08	0.200	5.34	0.988		1
Ethanol	4.66	2.50	8.78	4.71		1
Ethyl Acetate	ND	0.500	ND	1.80		1
Ethylbenzene	0.588	0.200	2.55	0.868		1
Freon-113	ND	0.200	ND	1.53		1
Freon-114	0.257	0.200	1.79	1.40		1
Hexachlorobutadiene	ND	0.200	ND	2.13		1
Isopropanol	ND	0.500	ND	1.23		1
Methylene chloride	ND	0.500	ND	1.74		1
4-Methyl-2-pentanone	ND	0.200	ND	0.819		1
Methyl tert butyl ether	ND	0.200	ND	0.720		1
p/m-Xylene	1.99	0.400	8.63	1.74		1
o-Xylene	0.813	0.200	3.53	0.868		1
Heptane	ND	0.200	ND	0.819		1
n-Hexane	ND	0.200	ND	0.704		1
Propylene	ND	0.200	ND	0.344		1



Project Name: FORMER DARBY DRUG**Lab Number:** L0813541**Project Number:** AVB0801**Report Date:** 09/25/08**SAMPLE RESULTS**

Lab ID: L0813541-01

Date Collected: 09/10/08 13:10

Client ID: PWG-SG-2008-01

Date Received: 09/11/08

Sample Location: ROCKVILLE CENTRE

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Low Level Volatile Organic Compounds in Air						
Styrene	0.948	0.200	4.03	0.851		1
Tetrachloroethene	4.59	0.200	31.1	1.36		1
Tetrahydrofuran	ND	0.200	ND	0.589		1
Toluene	1.95	0.200	7.34	0.753		1
trans-1,2-Dichloroethene	ND	0.200	ND	0.792		1
trans-1,3-Dichloropropene	ND	0.200	ND	0.907		1
Trichloroethene	0.355	0.200	1.91	1.07		1
Trichlorofluoromethane	0.448	0.200	2.52	1.12		1
Vinyl acetate	ND	0.200	ND	0.704		1
Vinyl bromide	ND	0.200	ND	0.874		1
Vinyl chloride	ND	0.200	ND	0.511		1

Project Name: FORMER DARBY DRUG
Project Number: AVB0801

Lab Number: L0813541
Report Date: 09/25/08

SAMPLE RESULTS

Lab ID: L0813541-02
 Client ID: PWG-SG-2008-02
 Sample Location: ROCKVILLE CENTRE
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 09/17/08 16:02
 Analyst: RY

Date Collected: 09/10/08 13:30
 Date Received: 09/11/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Low Level Volatile Organic Compounds in Air						
1,1,1-Trichloroethane	5.08	0.200	27.7	1.09		1
1,1,2,2-Tetrachloroethane	ND	0.200	ND	1.37		1
1,1,2-Trichloroethane	ND	0.200	ND	1.09		1
1,1-Dichloroethane	ND	0.200	ND	0.809		1
1,1-Dichloroethene	ND	0.200	ND	0.792		1
1,2,4-Trichlorobenzene	ND	0.200	ND	1.48		1
1,2,4-Trimethylbenzene	1.13	0.200	5.56	0.982		1
1,2-Dibromoethane	ND	0.200	ND	1.54		1
1,2-Dichlorobenzene	ND	0.200	ND	1.20		1
1,2-Dichloroethane	ND	0.200	ND	0.809		1
1,2-Dichloropropane	ND	0.200	ND	0.924		1
1,3,5-Trimethylbenzene	0.522	0.200	2.56	0.982		1
1,3-Butadiene	ND	0.200	ND	0.442		1
1,3-Dichlorobenzene	ND	0.200	ND	1.20		1
1,4-Dichlorobenzene	6.35	0.200	38.2	1.20		1
1,4-Dioxane	ND	0.200	ND	0.720		1
2,2,4-Trimethylpentane	ND	0.200	ND	0.934		1
2-Butanone	1.02	0.200	3.01	0.589		1
2-Hexanone	ND	0.200	ND	0.819		1
3-Chloropropene	ND	0.200	ND	0.626		1
4-Ethyltoluene	ND	0.200	ND	0.982		1
Acetone	6.76	0.500	16.0	1.19		1
Benzene	ND	0.200	ND	0.638		1
Benzyl chloride	ND	0.200	ND	1.03		1
Bromodichloromethane	ND	0.200	ND	1.34		1



Project Name: FORMER DARBY DRUG**Lab Number:** L0813541**Project Number:** AVB0801**Report Date:** 09/25/08**SAMPLE RESULTS**

Lab ID: L0813541-02

Date Collected: 09/10/08 13:30

Client ID: PWG-SG-2008-02

Date Received: 09/11/08

Sample Location: ROCKVILLE CENTRE

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Low Level Volatile Organic Compounds in Air						
Bromoform	ND	0.200	ND	2.06		1
Bromomethane	ND	0.200	ND	0.776		1
Carbon disulfide	ND	0.200	ND	0.622		1
Carbon tetrachloride	ND	0.200	ND	1.26		1
Chlorobenzene	ND	0.200	ND	0.920		1
Chloroethane	ND	0.200	ND	0.527		1
Chloroform	1.17	0.200	5.72	0.976		1
Chloromethane	ND	0.200	ND	0.413		1
cis-1,2-Dichloroethene	ND	0.200	ND	0.792		1
cis-1,3-Dichloropropene	ND	0.200	ND	0.907		1
Cyclohexane	0.281	0.200	0.965	0.688		1
Dibromochloromethane	ND	0.200	ND	1.70		1
Dichlorodifluoromethane	0.966	0.200	4.78	0.988		1
Ethanol	6.28	2.50	11.8	4.71		1
Ethyl Acetate	ND	0.500	ND	1.80		1
Ethylbenzene	0.705	0.200	3.06	0.868		1
Freon-113	ND	0.200	ND	1.53		1
Freon-114	ND	0.200	ND	1.40		1
Hexachlorobutadiene	ND	0.200	ND	2.13		1
Isopropanol	ND	0.500	ND	1.23		1
Methylene chloride	ND	0.500	ND	1.74		1
4-Methyl-2-pentanone	ND	0.200	ND	0.819		1
Methyl tert butyl ether	ND	0.200	ND	0.720		1
p/m-Xylene	2.21	0.400	9.60	1.74		1
o-Xylene	0.896	0.200	3.88	0.868		1
Heptane	ND	0.200	ND	0.819		1
n-Hexane	ND	0.200	ND	0.704		1
Propylene	ND	0.200	ND	0.344		1

Project Name: FORMER DARBY DRUG**Lab Number:** L0813541**Project Number:** AVB0801**Report Date:** 09/25/08**SAMPLE RESULTS**

Lab ID: L0813541-02

Date Collected: 09/10/08 13:30

Client ID: PWG-SG-2008-02

Date Received: 09/11/08

Sample Location: ROCKVILLE CENTRE

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Low Level Volatile Organic Compounds in Air						
Styrene	0.973	0.200	4.14	0.851		1
Tetrachloroethene	6.72	0.200	45.6	1.36		1
Tetrahydrofuran	ND	0.200	ND	0.589		1
Toluene	2.18	0.200	8.22	0.753		1
trans-1,2-Dichloroethene	ND	0.200	ND	0.792		1
trans-1,3-Dichloropropene	ND	0.200	ND	0.907		1
Trichloroethene	0.320	0.200	1.72	1.07		1
Trichlorofluoromethane	1.14	0.200	6.38	1.12		1
Vinyl acetate	ND	0.200	ND	0.704		1
Vinyl bromide	ND	0.200	ND	0.874		1
Vinyl chloride	ND	0.200	ND	0.511		1

Project Name: FORMER DARBY DRUG
Project Number: AVB0801

Lab Number: L0813541
Report Date: 09/25/08

SAMPLE RESULTS

Lab ID: L0813541-03
 Client ID: PWG-SG-2008-03
 Sample Location: ROCKVILLE CENTRE
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 09/17/08 16:39
 Analyst: RY

Date Collected: 09/10/08 13:34
 Date Received: 09/11/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Low Level Volatile Organic Compounds in Air						
1,1,1-Trichloroethane	1.80	0.200	9.81	1.09		1
1,1,2,2-Tetrachloroethane	ND	0.200	ND	1.37		1
1,1,2-Trichloroethane	ND	0.200	ND	1.09		1
1,1-Dichloroethane	ND	0.200	ND	0.809		1
1,1-Dichloroethene	ND	0.200	ND	0.792		1
1,2,4-Trichlorobenzene	ND	0.200	ND	1.48		1
1,2,4-Trimethylbenzene	1.60	0.200	7.86	0.982		1
1,2-Dibromoethane	ND	0.200	ND	1.54		1
1,2-Dichlorobenzene	ND	0.200	ND	1.20		1
1,2-Dichloroethane	ND	0.200	ND	0.809		1
1,2-Dichloropropane	ND	0.200	ND	0.924		1
1,3,5-Trimethylbenzene	0.675	0.200	3.32	0.982		1
1,3-Butadiene	ND	0.200	ND	0.442		1
1,3-Dichlorobenzene	ND	0.200	ND	1.20		1
1,4-Dichlorobenzene	8.02	0.200	48.2	1.20		1
1,4-Dioxane	ND	0.200	ND	0.720		1
2,2,4-Trimethylpentane	ND	0.200	ND	0.934		1
2-Butanone	1.40	0.200	4.14	0.589		1
2-Hexanone	ND	0.200	ND	0.819		1
3-Chloropropene	ND	0.200	ND	0.626		1
4-Ethyltoluene	0.231	0.200	1.14	0.982		1
Acetone	10.1	0.500	24.0	1.19		1
Benzene	ND	0.200	ND	0.638		1
Benzyl chloride	ND	0.200	ND	1.03		1
Bromodichloromethane	ND	0.200	ND	1.34		1



Project Name: FORMER DARBY DRUG

Lab Number: L0813541

Project Number: AVB0801

Report Date: 09/25/08

SAMPLE RESULTS

Lab ID: L0813541-03

Date Collected: 09/10/08 13:34

Client ID: PWG-SG-2008-03

Date Received: 09/11/08

Sample Location: ROCKVILLE CENTRE

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Low Level Volatile Organic Compounds in Air						
Bromoform	ND	0.200	ND	2.06		1
Bromomethane	ND	0.200	ND	0.776		1
Carbon disulfide	0.971	0.200	3.02	0.622		1
Carbon tetrachloride	ND	0.200	ND	1.26		1
Chlorobenzene	ND	0.200	ND	0.920		1
Chloroethane	ND	0.200	ND	0.527		1
Chloroform	4.41	0.200	21.5	0.976		1
Chloromethane	0.204	0.200	0.420	0.413		1
cis-1,2-Dichloroethene	ND	0.200	ND	0.792		1
cis-1,3-Dichloropropene	ND	0.200	ND	0.907		1
Cyclohexane	0.566	0.200	1.95	0.688		1
Dibromochloromethane	ND	0.200	ND	1.70		1
Dichlorodifluoromethane	1.93	0.200	9.56	0.988		1
Ethanol	9.02	2.50	17.0	4.71		1
Ethyl Acetate	ND	0.500	ND	1.80		1
Ethylbenzene	0.910	0.200	3.95	0.868		1
Freon-113	0.216	0.200	1.66	1.53		1
Freon-114	0.281	0.200	1.96	1.40		1
Hexachlorobutadiene	ND	0.200	ND	2.13		1
Isopropanol	ND	0.500	ND	1.23		1
Methylene chloride	ND	0.500	ND	1.74		1
4-Methyl-2-pentanone	ND	0.200	ND	0.819		1
Methyl tert butyl ether	ND	0.200	ND	0.720		1
p/m-Xylene	2.82	0.400	12.2	1.74		1
o-Xylene	1.19	0.200	5.16	0.868		1
Heptane	0.217	0.200	0.887	0.819		1
n-Hexane	0.402	0.200	1.42	0.704		1
Propylene	1.22	0.200	2.10	0.344		1



Project Name: FORMER DARBY DRUG**Lab Number:** L0813541**Project Number:** AVB0801**Report Date:** 09/25/08**SAMPLE RESULTS**

Lab ID: L0813541-03

Date Collected: 09/10/08 13:34

Client ID: PWG-SG-2008-03

Date Received: 09/11/08

Sample Location: ROCKVILLE CENTRE

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Low Level Volatile Organic Compounds in Air						
Styrene	1.19	0.200	5.05	0.851		1
Tetrachloroethene	3.91	0.200	26.5	1.36		1
Tetrahydrofuran	ND	0.200	ND	0.589		1
Toluene	2.90	0.200	10.9	0.753		1
trans-1,2-Dichloroethene	ND	0.200	ND	0.792		1
trans-1,3-Dichloropropene	ND	0.200	ND	0.907		1
Trichloroethene	1.23	0.200	6.60	1.07		1
Trichlorofluoromethane	3.26	0.200	18.3	1.12		1
Vinyl acetate	ND	0.200	ND	0.704		1
Vinyl bromide	ND	0.200	ND	0.874		1
Vinyl chloride	ND	0.200	ND	0.511		1

Project Name: FORMER DARBY DRUG
Project Number: AVB0801

Lab Number: L0813541
Report Date: 09/25/08

SAMPLE RESULTS

Lab ID: L0813541-04
 Client ID: PWG-SG-2008-04
 Sample Location: ROCKVILLE CENTRE
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 09/17/08 17:13
 Analyst: RY

Date Collected: 09/10/08 12:29
 Date Received: 09/11/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Low Level Volatile Organic Compounds in Air						
1,1,1-Trichloroethane	ND	0.200	ND	1.09		1
1,1,2,2-Tetrachloroethane	ND	0.200	ND	1.37		1
1,1,2-Trichloroethane	ND	0.200	ND	1.09		1
1,1-Dichloroethane	ND	0.200	ND	0.809		1
1,1-Dichloroethene	ND	0.200	ND	0.792		1
1,2,4-Trichlorobenzene	ND	0.200	ND	1.48		1
1,2,4-Trimethylbenzene	0.961	0.200	4.72	0.982		1
1,2-Dibromoethane	ND	0.200	ND	1.54		1
1,2-Dichlorobenzene	ND	0.200	ND	1.20		1
1,2-Dichloroethane	ND	0.200	ND	0.809		1
1,2-Dichloropropane	ND	0.200	ND	0.924		1
1,3,5-Trimethylbenzene	0.464	0.200	2.28	0.982		1
1,3-Butadiene	ND	0.200	ND	0.442		1
1,3-Dichlorobenzene	ND	0.200	ND	1.20		1
1,4-Dichlorobenzene	5.92	0.200	35.5	1.20		1
1,4-Dioxane	ND	0.200	ND	0.720		1
2,2,4-Trimethylpentane	ND	0.200	ND	0.934		1
2-Butanone	12.6	0.200	37.1	0.589		1
2-Hexanone	2.28	0.200	9.32	0.819		1
3-Chloropropene	ND	0.200	ND	0.626		1
4-Ethyltoluene	ND	0.200	ND	0.982		1
Acetone	47.9	0.500	114	1.19		1
Benzene	0.259	0.200	0.828	0.638		1
Benzyl chloride	ND	0.200	ND	1.03		1
Bromodichloromethane	ND	0.200	ND	1.34		1



Project Name: FORMER DARBY DRUG

Lab Number: L0813541

Project Number: AVB0801

Report Date: 09/25/08

SAMPLE RESULTS

Lab ID: L0813541-04

Date Collected: 09/10/08 12:29

Client ID: PWG-SG-2008-04

Date Received: 09/11/08

Sample Location: ROCKVILLE CENTRE

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Low Level Volatile Organic Compounds in Air						
Bromoform	ND	0.200	ND	2.06		1
Bromomethane	ND	0.200	ND	0.776		1
Carbon disulfide	0.230	0.200	0.715	0.622		1
Carbon tetrachloride	ND	0.200	ND	1.26		1
Chlorobenzene	ND	0.200	ND	0.920		1
Chloroethane	ND	0.200	ND	0.527		1
Chloroform	0.397	0.200	1.94	0.976		1
Chloromethane	ND	0.200	ND	0.413		1
cis-1,2-Dichloroethene	ND	0.200	ND	0.792		1
cis-1,3-Dichloropropene	ND	0.200	ND	0.907		1
Cyclohexane	0.398	0.200	1.37	0.688		1
Dibromochloromethane	ND	0.200	ND	1.70		1
Dichlorodifluoromethane	0.699	0.200	3.46	0.988		1
Ethanol	9.70	2.50	18.2	4.71		1
Ethyl Acetate	ND	0.500	ND	1.80		1
Ethylbenzene	0.889	0.200	3.86	0.868		1
Freon-113	0.216	0.200	1.65	1.53		1
Freon-114	ND	0.200	ND	1.40		1
Hexachlorobutadiene	ND	0.200	ND	2.13		1
Isopropanol	1.53	0.500	3.75	1.23		1
Methylene chloride	ND	0.500	ND	1.74		1
4-Methyl-2-pentanone	ND	0.200	ND	0.819		1
Methyl tert butyl ether	ND	0.200	ND	0.720		1
p/m-Xylene	2.76	0.400	12.0	1.74		1
o-Xylene	1.15	0.200	5.00	0.868		1
Heptane	0.295	0.200	1.21	0.819		1
n-Hexane	0.248	0.200	0.872	0.704		1
Propylene	1.90	0.200	3.28	0.344		1



Project Name: FORMER DARBY DRUG**Lab Number:** L0813541**Project Number:** AVB0801**Report Date:** 09/25/08**SAMPLE RESULTS**

Lab ID: L0813541-04

Date Collected: 09/10/08 12:29

Client ID: PWG-SG-2008-04

Date Received: 09/11/08

Sample Location: ROCKVILLE CENTRE

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Low Level Volatile Organic Compounds in Air						
Styrene	1.09	0.200	4.62	0.851		1
Tetrachloroethene	3.30	0.200	22.4	1.36		1
Tetrahydrofuran	ND	0.200	ND	0.589		1
Toluene	2.84	0.200	10.7	0.753		1
trans-1,2-Dichloroethene	ND	0.200	ND	0.792		1
trans-1,3-Dichloropropene	ND	0.200	ND	0.907		1
Trichloroethene	0.404	0.200	2.17	1.07		1
Trichlorofluoromethane	0.824	0.200	4.62	1.12		1
Vinyl acetate	ND	0.200	ND	0.704		1
Vinyl bromide	ND	0.200	ND	0.874		1
Vinyl chloride	ND	0.200	ND	0.511		1

Project Name: FORMER DARBY DRUG
Project Number: AVB0801

Lab Number: L0813541
Report Date: 09/25/08

SAMPLE RESULTS

Lab ID: L0813541-05
 Client ID: PWG-SG-2008-05
 Sample Location: ROCKVILLE CENTRE
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 09/17/08 17:44
 Analyst: RY

Date Collected: 09/10/08 12:31
 Date Received: 09/11/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Low Level Volatile Organic Compounds in Air						
1,1,1-Trichloroethane	ND	2.00	ND	10.9		10
1,1,2,2-Tetrachloroethane	ND	2.00	ND	13.7		10
1,1,2-Trichloroethane	ND	2.00	ND	10.9		10
1,1-Dichloroethane	ND	2.00	ND	8.09		10
1,1-Dichloroethene	ND	2.00	ND	7.92		10
1,2,4-Trichlorobenzene	ND	2.00	ND	14.8		10
1,2,4-Trimethylbenzene	ND	2.00	ND	9.82		10
1,2-Dibromoethane	ND	2.00	ND	15.4		10
1,2-Dichlorobenzene	ND	2.00	ND	12.0		10
1,2-Dichloroethane	ND	2.00	ND	8.09		10
1,2-Dichloropropane	ND	2.00	ND	9.24		10
1,3,5-Trimethylbenzene	ND	2.00	ND	9.82		10
1,3-Butadiene	ND	2.00	ND	4.42		10
1,3-Dichlorobenzene	ND	2.00	ND	12.0		10
1,4-Dichlorobenzene	2.88	2.00	17.3	12.0		10
1,4-Dioxane	ND	2.00	ND	7.20		10
2,2,4-Trimethylpentane	ND	2.00	ND	9.34		10
2-Butanone	143	2.00	421	5.89		10
2-Hexanone	2.31	2.00	9.46	8.19		10
3-Chloropropene	ND	2.00	ND	6.26		10
4-Ethyltoluene	ND	2.00	ND	9.82		10
Acetone	>1000	5	>2375	11.9		10
Benzene	ND	2.00	ND	6.38		10
Benzyl chloride	ND	2.00	ND	10.3		10
Bromodichloromethane	ND	2.00	ND	13.4		10



Project Name: FORMER DARBY DRUG

Lab Number: L0813541

Project Number: AVB0801

Report Date: 09/25/08

SAMPLE RESULTS

Lab ID: L0813541-05

Date Collected: 09/10/08 12:31

Client ID: PWG-SG-2008-05

Date Received: 09/11/08

Sample Location: ROCKVILLE CENTRE

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Low Level Volatile Organic Compounds in Air						
Bromoform	ND	2.00	ND	20.6		10
Bromomethane	ND	2.00	ND	7.76		10
Carbon disulfide	ND	2.00	ND	6.22		10
Carbon tetrachloride	ND	2.00	ND	12.6		10
Chlorobenzene	ND	2.00	ND	9.20		10
Chloroethane	ND	2.00	ND	5.27		10
Chloroform	ND	2.00	ND	9.76		10
Chloromethane	ND	2.00	ND	4.13		10
cis-1,2-Dichloroethene	ND	2.00	ND	7.92		10
cis-1,3-Dichloropropene	ND	2.00	ND	9.07		10
Cyclohexane	ND	2.00	ND	6.88		10
Dibromochloromethane	ND	2.00	ND	17.0		10
Dichlorodifluoromethane	ND	2.00	ND	9.88		10
Ethanol	110	25.0	206	47.1		10
Ethyl Acetate	ND	5.00	ND	18.0		10
Ethylbenzene	ND	2.00	ND	8.68		10
Freon-113	ND	2.00	ND	15.3		10
Freon-114	ND	2.00	ND	14.0		10
Hexachlorobutadiene	ND	2.00	ND	21.3		10
Isopropanol	53.0	5.00	130	12.3		10
Methylene chloride	ND	5.00	ND	17.4		10
4-Methyl-2-pentanone	ND	2.00	ND	8.19		10
Methyl tert butyl ether	ND	2.00	ND	7.20		10
p/m-Xylene	ND	4.00	ND	17.4		10
o-Xylene	ND	2.00	ND	8.68		10
Heptane	ND	2.00	ND	8.19		10
n-Hexane	ND	2.00	ND	7.04		10
Propylene	157	2.00	270	3.44		10



Project Name: FORMER DARBY DRUG**Lab Number:** L0813541**Project Number:** AVB0801**Report Date:** 09/25/08**SAMPLE RESULTS**

Lab ID: L0813541-05

Date Collected: 09/10/08 12:31

Client ID: PWG-SG-2008-05

Date Received: 09/11/08

Sample Location: ROCKVILLE CENTRE

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Low Level Volatile Organic Compounds in Air						
Styrene	ND	2.00	ND	8.51		10
Tetrachloroethene	2.95	2.00	20.0	13.6		10
Tetrahydrofuran	ND	2.00	ND	5.89		10
Toluene	3.75	2.00	14.1	7.53		10
trans-1,2-Dichloroethene	ND	2.00	ND	7.92		10
trans-1,3-Dichloropropene	ND	2.00	ND	9.07		10
Trichloroethene	ND	2.00	ND	10.7		10
Trichlorofluoromethane	ND	2.00	ND	11.2		10
Vinyl acetate	ND	2.00	ND	7.04		10
Vinyl bromide	ND	2.00	ND	8.74		10
Vinyl chloride	ND	2.00	ND	5.11		10

Project Name: FORMER DARBY DRUG**Lab Number:** L0813541**Project Number:** AVB0801**Report Date:** 09/25/08**SAMPLE RESULTS**

Lab ID: L0813541-05 R
Client ID: PWG-SG-2008-05
Sample Location: ROCKVILLE CENTRE
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 09/17/08 22:46
Analyst: RY

Date Collected: 09/10/08 12:31
Date Received: 09/11/08
Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Low Level Volatile Organic Compounds in Air						
Acetone	800	12.5	1900	29.7		25

Project Name: FORMER DARBY DRUG
Project Number: AVB0801

Lab Number: L0813541
Report Date: 09/25/08

SAMPLE RESULTS

Lab ID: L0813541-06
 Client ID: PWG-SG-2008-06
 Sample Location: ROCKVILLE CENTRE
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 09/17/08 18:50
 Analyst: RY

Date Collected: 09/10/08 12:34
 Date Received: 09/11/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Low Level Volatile Organic Compounds in Air						
1,1,1-Trichloroethane	ND	0.200	ND	1.09		1
1,1,2,2-Tetrachloroethane	ND	0.200	ND	1.37		1
1,1,2-Trichloroethane	ND	0.200	ND	1.09		1
1,1-Dichloroethane	ND	0.200	ND	0.809		1
1,1-Dichloroethene	ND	0.200	ND	0.792		1
1,2,4-Trichlorobenzene	ND	0.200	ND	1.48		1
1,2,4-Trimethylbenzene	0.998	0.200	4.90	0.982		1
1,2-Dibromoethane	ND	0.200	ND	1.54		1
1,2-Dichlorobenzene	ND	0.200	ND	1.20		1
1,2-Dichloroethane	ND	0.200	ND	0.809		1
1,2-Dichloropropane	ND	0.200	ND	0.924		1
1,3,5-Trimethylbenzene	0.454	0.200	2.23	0.982		1
1,3-Butadiene	ND	0.200	ND	0.442		1
1,3-Dichlorobenzene	ND	0.200	ND	1.20		1
1,4-Dichlorobenzene	5.68	0.200	34.1	1.20		1
1,4-Dioxane	ND	0.200	ND	0.720		1
2,2,4-Trimethylpentane	ND	0.200	ND	0.934		1
2-Butanone	13.6	0.200	40.1	0.589		1
2-Hexanone	3.00	0.200	12.2	0.819		1
3-Chloropropene	ND	0.200	ND	0.626		1
4-Ethyltoluene	ND	0.200	ND	0.982		1
Acetone	45.7	0.500	108	1.19		1
Benzene	ND	0.200	ND	0.638		1
Benzyl chloride	ND	0.200	ND	1.03		1
Bromodichloromethane	ND	0.200	ND	1.34		1



Project Name: FORMER DARBY DRUG**Lab Number:** L0813541**Project Number:** AVB0801**Report Date:** 09/25/08**SAMPLE RESULTS**

Lab ID: L0813541-06

Date Collected: 09/10/08 12:34

Client ID: PWG-SG-2008-06

Date Received: 09/11/08

Sample Location: ROCKVILLE CENTRE

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Low Level Volatile Organic Compounds in Air						
Bromoform	ND	0.200	ND	2.06		1
Bromomethane	ND	0.200	ND	0.776		1
Carbon disulfide	ND	0.200	ND	0.622		1
Carbon tetrachloride	ND	0.200	ND	1.26		1
Chlorobenzene	ND	0.200	ND	0.920		1
Chloroethane	ND	0.200	ND	0.527		1
Chloroform	ND	0.200	ND	0.976		1
Chloromethane	ND	0.200	ND	0.413		1
cis-1,2-Dichloroethene	ND	0.200	ND	0.792		1
cis-1,3-Dichloropropene	ND	0.200	ND	0.907		1
Cyclohexane	0.306	0.200	1.05	0.688		1
Dibromochloromethane	ND	0.200	ND	1.70		1
Dichlorodifluoromethane	0.562	0.200	2.78	0.988		1
Ethanol	9.56	2.50	18.0	4.71		1
Ethyl Acetate	ND	0.500	ND	1.80		1
Ethylbenzene	1.82	0.200	7.92	0.868		1
Freon-113	ND	0.200	ND	1.53		1
Freon-114	ND	0.200	ND	1.40		1
Hexachlorobutadiene	ND	0.200	ND	2.13		1
Isopropanol	1.12	0.500	2.74	1.23		1
Methylene chloride	ND	0.500	ND	1.74		1
4-Methyl-2-pentanone	ND	0.200	ND	0.819		1
Methyl tert butyl ether	ND	0.200	ND	0.720		1
p/m-Xylene	6.06	0.400	26.3	1.74		1
o-Xylene	2.24	0.200	9.74	0.868		1
Heptane	0.365	0.200	1.49	0.819		1
n-Hexane	0.258	0.200	0.909	0.704		1
Propylene	1.70	0.200	2.92	0.344		1



Project Name: FORMER DARBY DRUG**Lab Number:** L0813541**Project Number:** AVB0801**Report Date:** 09/25/08**SAMPLE RESULTS**

Lab ID: L0813541-06

Date Collected: 09/10/08 12:34

Client ID: PWG-SG-2008-06

Date Received: 09/11/08

Sample Location: ROCKVILLE CENTRE

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Low Level Volatile Organic Compounds in Air						
Styrene	0.918	0.200	3.90	0.851		1
Tetrachloroethene	1.05	0.200	7.12	1.36		1
Tetrahydrofuran	ND	0.200	ND	0.589		1
Toluene	2.91	0.200	11.0	0.753		1
trans-1,2-Dichloroethene	ND	0.200	ND	0.792		1
trans-1,3-Dichloropropene	ND	0.200	ND	0.907		1
Trichloroethene	0.278	0.200	1.49	1.07		1
Trichlorofluoromethane	0.326	0.200	1.83	1.12		1
Vinyl acetate	ND	0.200	ND	0.704		1
Vinyl bromide	ND	0.200	ND	0.874		1
Vinyl chloride	ND	0.200	ND	0.511		1

Project Name: FORMER DARBY DRUG
Project Number: AVB0801

Lab Number: L0813541
Report Date: 09/25/08

SAMPLE RESULTS

Lab ID: L0813541-07
 Client ID: PWG-SG-2008-07
 Sample Location: ROCKVILLE CENTRE
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 09/17/08 19:23
 Analyst: RY

Date Collected: 09/10/08 12:40
 Date Received: 09/11/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Low Level Volatile Organic Compounds in Air						
1,1,1-Trichloroethane	ND	2.00	ND	10.9		10
1,1,2,2-Tetrachloroethane	ND	2.00	ND	13.7		10
1,1,2-Trichloroethane	ND	2.00	ND	10.9		10
1,1-Dichloroethane	ND	2.00	ND	8.09		10
1,1-Dichloroethene	ND	2.00	ND	7.92		10
1,2,4-Trichlorobenzene	ND	2.00	ND	14.8		10
1,2,4-Trimethylbenzene	ND	2.00	ND	9.82		10
1,2-Dibromoethane	ND	2.00	ND	15.4		10
1,2-Dichlorobenzene	ND	2.00	ND	12.0		10
1,2-Dichloroethane	ND	2.00	ND	8.09		10
1,2-Dichloropropane	ND	2.00	ND	9.24		10
1,3,5-Trimethylbenzene	ND	2.00	ND	9.82		10
1,3-Butadiene	ND	2.00	ND	4.42		10
1,3-Dichlorobenzene	ND	2.00	ND	12.0		10
1,4-Dichlorobenzene	3.79	2.00	22.8	12.0		10
1,4-Dioxane	ND	2.00	ND	7.20		10
2,2,4-Trimethylpentane	ND	2.00	ND	9.34		10
2-Butanone	254	2.00	749	5.89		10
2-Hexanone	5.58	2.00	22.8	8.19		10
3-Chloropropene	ND	2.00	ND	6.26		10
4-Ethyltoluene	ND	2.00	ND	9.82		10
Acetone	>1000	5	>2375	11.9		10
Benzene	ND	2.00	ND	6.38		10
Benzyl chloride	ND	2.00	ND	10.3		10
Bromodichloromethane	ND	2.00	ND	13.4		10



Project Name: FORMER DARBY DRUG

Lab Number: L0813541

Project Number: AVB0801

Report Date: 09/25/08

SAMPLE RESULTS

Lab ID: L0813541-07

Date Collected: 09/10/08 12:40

Client ID: PWG-SG-2008-07

Date Received: 09/11/08

Sample Location: ROCKVILLE CENTRE

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Low Level Volatile Organic Compounds in Air						
Bromoform	ND	2.00	ND	20.6		10
Bromomethane	ND	2.00	ND	7.76		10
Carbon disulfide	ND	2.00	ND	6.22		10
Carbon tetrachloride	ND	2.00	ND	12.6		10
Chlorobenzene	ND	2.00	ND	9.20		10
Chloroethane	ND	2.00	ND	5.27		10
Chloroform	ND	2.00	ND	9.76		10
Chloromethane	ND	2.00	ND	4.13		10
cis-1,2-Dichloroethene	ND	2.00	ND	7.92		10
cis-1,3-Dichloropropene	ND	2.00	ND	9.07		10
Cyclohexane	ND	2.00	ND	6.88		10
Dibromochloromethane	ND	2.00	ND	17.0		10
Dichlorodifluoromethane	ND	2.00	ND	9.88		10
Ethanol	242	25.0	455	47.1		10
Ethyl Acetate	ND	5.00	ND	18.0		10
Ethylbenzene	ND	2.00	ND	8.68		10
Freon-113	ND	2.00	ND	15.3		10
Freon-114	ND	2.00	ND	14.0		10
Hexachlorobutadiene	ND	2.00	ND	21.3		10
Isopropanol	94.4	5.00	232	12.3		10
Methylene chloride	ND	5.00	ND	17.4		10
4-Methyl-2-pentanone	ND	2.00	ND	8.19		10
Methyl tert butyl ether	ND	2.00	ND	7.20		10
p/m-Xylene	5.24	4.00	22.7	17.4		10
o-Xylene	ND	2.00	ND	8.68		10
Heptane	ND	2.00	ND	8.19		10
n-Hexane	ND	2.00	ND	7.04		10
Propylene	227	2.00	390	3.44		10



Project Name: FORMER DARBY DRUG**Lab Number:** L0813541**Project Number:** AVB0801**Report Date:** 09/25/08**SAMPLE RESULTS**

Lab ID: L0813541-07

Date Collected: 09/10/08 12:40

Client ID: PWG-SG-2008-07

Date Received: 09/11/08

Sample Location: ROCKVILLE CENTRE

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Low Level Volatile Organic Compounds in Air						
Styrene	ND	2.00	ND	8.51		10
Tetrachloroethene	9.18	2.00	62.2	13.6		10
Tetrahydrofuran	ND	2.00	ND	5.89		10
Toluene	2.82	2.00	10.6	7.53		10
trans-1,2-Dichloroethene	ND	2.00	ND	7.92		10
trans-1,3-Dichloropropene	ND	2.00	ND	9.07		10
Trichloroethene	ND	2.00	ND	10.7		10
Trichlorofluoromethane	ND	2.00	ND	11.2		10
Vinyl acetate	ND	2.00	ND	7.04		10
Vinyl bromide	ND	2.00	ND	8.74		10
Vinyl chloride	ND	2.00	ND	5.11		10

Project Name: FORMER DARBY DRUG**Lab Number:** L0813541**Project Number:** AVB0801**Report Date:** 09/25/08**SAMPLE RESULTS**

Lab ID: L0813541-07 R
Client ID: PWG-SG-2008-07
Sample Location: ROCKVILLE CENTRE
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 09/18/08 19:45
Analyst: RY

Date Collected: 09/10/08 12:40
Date Received: 09/11/08
Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Low Level Volatile Organic Compounds in Air						
Acetone	1630	12.5	3870	29.7		25

Project Name: FORMER DARBY DRUG
Project Number: AVB0801

Lab Number: L0813541
Report Date: 09/25/08

SAMPLE RESULTS

Lab ID: L0813541-08
 Client ID: PWG-SG-2008-08
 Sample Location: ROCKVILLE CENTRE
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 09/17/08 19:57
 Analyst: RY

Date Collected: 09/10/08 12:42
 Date Received: 09/11/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Low Level Volatile Organic Compounds in Air						
1,1,1-Trichloroethane	ND	0.200	ND	1.09		1
1,1,2,2-Tetrachloroethane	ND	0.200	ND	1.37		1
1,1,2-Trichloroethane	ND	0.200	ND	1.09		1
1,1-Dichloroethane	ND	0.200	ND	0.809		1
1,1-Dichloroethene	ND	0.200	ND	0.792		1
1,2,4-Trichlorobenzene	ND	0.200	ND	1.48		1
1,2,4-Trimethylbenzene	0.789	0.200	3.88	0.982		1
1,2-Dibromoethane	ND	0.200	ND	1.54		1
1,2-Dichlorobenzene	ND	0.200	ND	1.20		1
1,2-Dichloroethane	ND	0.200	ND	0.809		1
1,2-Dichloropropane	ND	0.200	ND	0.924		1
1,3,5-Trimethylbenzene	0.377	0.200	1.85	0.982		1
1,3-Butadiene	ND	0.200	ND	0.442		1
1,3-Dichlorobenzene	ND	0.200	ND	1.20		1
1,4-Dichlorobenzene	4.05	0.200	24.3	1.20		1
1,4-Dioxane	ND	0.200	ND	0.720		1
2,2,4-Trimethylpentane	ND	0.200	ND	0.934		1
2-Butanone	4.21	0.200	12.4	0.589		1
2-Hexanone	0.940	0.200	3.84	0.819		1
3-Chloropropene	ND	0.200	ND	0.626		1
4-Ethyltoluene	ND	0.200	ND	0.982		1
Acetone	15.2	0.500	36.0	1.19		1
Benzene	ND	0.200	ND	0.638		1
Benzyl chloride	ND	0.200	ND	1.03		1
Bromodichloromethane	ND	0.200	ND	1.34		1



Project Name: FORMER DARBY DRUG
Project Number: AVB0801

Lab Number: L0813541
Report Date: 09/25/08

SAMPLE RESULTS

Lab ID: L0813541-08
Client ID: PWG-SG-2008-08
Sample Location: ROCKVILLE CENTRE

Date Collected: 09/10/08 12:42
Date Received: 09/11/08
Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Low Level Volatile Organic Compounds in Air						
Bromoform	ND	0.200	ND	2.06		1
Bromomethane	ND	0.200	ND	0.776		1
Carbon disulfide	ND	0.200	ND	0.622		1
Carbon tetrachloride	ND	0.200	ND	1.26		1
Chlorobenzene	ND	0.200	ND	0.920		1
Chloroethane	ND	0.200	ND	0.527		1
Chloroform	ND	0.200	ND	0.976		1
Chloromethane	ND	0.200	ND	0.413		1
cis-1,2-Dichloroethene	ND	0.200	ND	0.792		1
cis-1,3-Dichloropropene	ND	0.200	ND	0.907		1
Cyclohexane	0.284	0.200	0.975	0.688		1
Dibromochloromethane	ND	0.200	ND	1.70		1
Dichlorodifluoromethane	0.598	0.200	2.95	0.988		1
Ethanol	4.37	2.50	8.23	4.71		1
Ethyl Acetate	ND	0.500	ND	1.80		1
Ethylbenzene	0.733	0.200	3.18	0.868		1
Freon-113	ND	0.200	ND	1.53		1
Freon-114	ND	0.200	ND	1.40		1
Hexachlorobutadiene	ND	0.200	ND	2.13		1
Isopropanol	0.521	0.500	1.28	1.23		1
Methylene chloride	0.888	0.500	3.08	1.74		1
4-Methyl-2-pentanone	ND	0.200	ND	0.819		1
Methyl tert butyl ether	ND	0.200	ND	0.720		1
p/m-Xylene	2.32	0.400	10.0	1.74		1
o-Xylene	0.947	0.200	4.11	0.868		1
Heptane	ND	0.200	ND	0.819		1
n-Hexane	0.289	0.200	1.02	0.704		1
Propylene	0.957	0.200	1.64	0.344		1



Project Name: FORMER DARBY DRUG**Lab Number:** L0813541**Project Number:** AVB0801**Report Date:** 09/25/08**SAMPLE RESULTS**

Lab ID: L0813541-08

Date Collected: 09/10/08 12:42

Client ID: PWG-SG-2008-08

Date Received: 09/11/08

Sample Location: ROCKVILLE CENTRE

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Low Level Volatile Organic Compounds in Air						
Styrene	0.710	0.200	3.02	0.851		1
Tetrachloroethene	0.603	0.200	4.09	1.36		1
Tetrahydrofuran	ND	0.200	ND	0.589		1
Toluene	1.88	0.200	7.07	0.753		1
trans-1,2-Dichloroethene	ND	0.200	ND	0.792		1
trans-1,3-Dichloropropene	ND	0.200	ND	0.907		1
Trichloroethene	0.254	0.200	1.36	1.07		1
Trichlorofluoromethane	0.335	0.200	1.88	1.12		1
Vinyl acetate	ND	0.200	ND	0.704		1
Vinyl bromide	ND	0.200	ND	0.874		1
Vinyl chloride	ND	0.200	ND	0.511		1

Project Name: FORMER DARBY DRUG
Project Number: AVB0801

Lab Number: L0813541
Report Date: 09/25/08

SAMPLE RESULTS

Lab ID: L0813541-09
 Client ID: PWG-SG-2008-09
 Sample Location: ROCKVILLE CENTRE
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 09/17/08 20:31
 Analyst: RY

Date Collected: 09/10/08 12:53
 Date Received: 09/11/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Low Level Volatile Organic Compounds in Air						
1,1,1-Trichloroethane	ND	5.00	ND	27.2		25
1,1,2,2-Tetrachloroethane	ND	5.00	ND	34.3		25
1,1,2-Trichloroethane	ND	5.00	ND	27.2		25
1,1-Dichloroethane	ND	5.00	ND	20.2		25
1,1-Dichloroethene	ND	5.00	ND	19.8		25
1,2,4-Trichlorobenzene	ND	5.00	ND	37.1		25
1,2,4-Trimethylbenzene	ND	5.00	ND	24.6		25
1,2-Dibromoethane	ND	5.00	ND	38.4		25
1,2-Dichlorobenzene	ND	5.00	ND	30.0		25
1,2-Dichloroethane	ND	5.00	ND	20.2		25
1,2-Dichloropropane	ND	5.00	ND	23.1		25
1,3,5-Trimethylbenzene	ND	5.00	ND	24.6		25
1,3-Butadiene	ND	5.00	ND	11.0		25
1,3-Dichlorobenzene	ND	5.00	ND	30.0		25
1,4-Dichlorobenzene	ND	5.00	ND	30.0		25
1,4-Dioxane	ND	5.00	ND	18.0		25
2,2,4-Trimethylpentane	ND	5.00	ND	23.3		25
2-Butanone	132	5.00	388	14.7		25
2-Hexanone	ND	5.00	ND	20.5		25
3-Chloropropene	ND	5.00	ND	15.6		25
4-Ethyltoluene	ND	5.00	ND	24.6		25
Acetone	960	12.5	2280	29.7		25
Benzene	ND	5.00	ND	16.0		25
Benzyl chloride	ND	5.00	ND	25.9		25
Bromodichloromethane	ND	5.00	ND	33.5		25



Project Name: FORMER DARBY DRUG

Lab Number: L0813541

Project Number: AVB0801

Report Date: 09/25/08

SAMPLE RESULTS

Lab ID: L0813541-09

Date Collected: 09/10/08 12:53

Client ID: PWG-SG-2008-09

Date Received: 09/11/08

Sample Location: ROCKVILLE CENTRE

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Low Level Volatile Organic Compounds in Air						
Bromoform	ND	5.00	ND	51.6		25
Bromomethane	ND	5.00	ND	19.4		25
Carbon disulfide	ND	5.00	ND	15.6		25
Carbon tetrachloride	ND	5.00	ND	31.4		25
Chlorobenzene	ND	5.00	ND	23.0		25
Chloroethane	ND	5.00	ND	13.2		25
Chloroform	ND	5.00	ND	24.4		25
Chloromethane	ND	5.00	ND	10.3		25
cis-1,2-Dichloroethene	ND	5.00	ND	19.8		25
cis-1,3-Dichloropropene	ND	5.00	ND	22.7		25
Cyclohexane	ND	5.00	ND	17.2		25
Dibromochloromethane	ND	5.00	ND	42.6		25
Dichlorodifluoromethane	ND	5.00	ND	24.7		25
Ethanol	128	62.5	240	118		25
Ethyl Acetate	ND	12.5	ND	45.0		25
Ethylbenzene	ND	5.00	ND	21.7		25
Freon-113	ND	5.00	ND	38.3		25
Freon-114	ND	5.00	ND	34.9		25
Hexachlorobutadiene	ND	5.00	ND	53.3		25
Isopropanol	75.2	12.5	185	30.7		25
Methylene chloride	ND	12.5	ND	43.4		25
4-Methyl-2-pentanone	ND	5.00	ND	20.5		25
Methyl tert butyl ether	ND	5.00	ND	18.0		25
p/m-Xylene	ND	10.0	ND	43.4		25
o-Xylene	ND	5.00	ND	21.7		25
Heptane	ND	5.00	ND	20.5		25
n-Hexane	ND	5.00	ND	17.6		25
Propylene	236	5.00	406	8.60		25

Project Name: FORMER DARBY DRUG**Lab Number:** L0813541**Project Number:** AVB0801**Report Date:** 09/25/08**SAMPLE RESULTS**

Lab ID: L0813541-09

Date Collected: 09/10/08 12:53

Client ID: PWG-SG-2008-09

Date Received: 09/11/08

Sample Location: ROCKVILLE CENTRE

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Low Level Volatile Organic Compounds in Air						
Styrene	ND	5.00	ND	21.3		25
Tetrachloroethene	1420	5.00	9660	33.9		25
Tetrahydrofuran	ND	5.00	ND	14.7		25
Toluene	ND	5.00	ND	18.8		25
trans-1,2-Dichloroethene	ND	5.00	ND	19.8		25
trans-1,3-Dichloropropene	ND	5.00	ND	22.7		25
Trichloroethene	5.53	5.00	29.7	26.8		25
Trichlorofluoromethane	ND	5.00	ND	28.1		25
Vinyl acetate	ND	5.00	ND	17.6		25
Vinyl bromide	ND	5.00	ND	21.8		25
Vinyl chloride	ND	5.00	ND	12.8		25

Project Name: FORMER DARBY DRUG
Project Number: AVB0801

Lab Number: L0813541
Report Date: 09/25/08

SAMPLE RESULTS

Lab ID: L0813541-10
 Client ID: PWG-SG-2008-10
 Sample Location: ROCKVILLE CENTRE
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 09/17/08 21:05
 Analyst: RY

Date Collected: 09/10/08 12:44
 Date Received: 09/11/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Low Level Volatile Organic Compounds in Air						
1,1,1-Trichloroethane	ND	2.00	ND	10.9		10
1,1,2,2-Tetrachloroethane	ND	2.00	ND	13.7		10
1,1,2-Trichloroethane	ND	2.00	ND	10.9		10
1,1-Dichloroethane	ND	2.00	ND	8.09		10
1,1-Dichloroethene	ND	2.00	ND	7.92		10
1,2,4-Trichlorobenzene	ND	2.00	ND	14.8		10
1,2,4-Trimethylbenzene	ND	2.00	ND	9.82		10
1,2-Dibromoethane	ND	2.00	ND	15.4		10
1,2-Dichlorobenzene	ND	2.00	ND	12.0		10
1,2-Dichloroethane	ND	2.00	ND	8.09		10
1,2-Dichloropropane	ND	2.00	ND	9.24		10
1,3,5-Trimethylbenzene	ND	2.00	ND	9.82		10
1,3-Butadiene	ND	2.00	ND	4.42		10
1,3-Dichlorobenzene	ND	2.00	ND	12.0		10
1,4-Dichlorobenzene	3.35	2.00	20.1	12.0		10
1,4-Dioxane	ND	2.00	ND	7.20		10
2,2,4-Trimethylpentane	ND	2.00	ND	9.34		10
2-Butanone	102	2.00	299	5.89		10
2-Hexanone	2.24	2.00	9.18	8.19		10
3-Chloropropene	ND	2.00	ND	6.26		10
4-Ethyltoluene	ND	2.00	ND	9.82		10
Acetone	688	5.00	1630	11.9		10
Benzene	ND	2.00	ND	6.38		10
Benzyl chloride	ND	2.00	ND	10.3		10
Bromodichloromethane	ND	2.00	ND	13.4		10



Project Name: FORMER DARBY DRUG

Lab Number: L0813541

Project Number: AVB0801

Report Date: 09/25/08

SAMPLE RESULTS

Lab ID: L0813541-10

Date Collected: 09/10/08 12:44

Client ID: PWG-SG-2008-10

Date Received: 09/11/08

Sample Location: ROCKVILLE CENTRE

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Low Level Volatile Organic Compounds in Air						
Bromoform	ND	2.00	ND	20.6		10
Bromomethane	ND	2.00	ND	7.76		10
Carbon disulfide	ND	2.00	ND	6.22		10
Carbon tetrachloride	ND	2.00	ND	12.6		10
Chlorobenzene	ND	2.00	ND	9.20		10
Chloroethane	ND	2.00	ND	5.27		10
Chloroform	ND	2.00	ND	9.76		10
Chloromethane	ND	2.00	ND	4.13		10
cis-1,2-Dichloroethene	ND	2.00	ND	7.92		10
cis-1,3-Dichloropropene	ND	2.00	ND	9.07		10
Cyclohexane	ND	2.00	ND	6.88		10
Dibromochloromethane	ND	2.00	ND	17.0		10
Dichlorodifluoromethane	ND	2.00	ND	9.88		10
Ethanol	72.0	25.0	136	47.1		10
Ethyl Acetate	ND	5.00	ND	18.0		10
Ethylbenzene	ND	2.00	ND	8.68		10
Freon-113	ND	2.00	ND	15.3		10
Freon-114	ND	2.00	ND	14.0		10
Hexachlorobutadiene	ND	2.00	ND	21.3		10
Isopropanol	11.0	5.00	26.9	12.3		10
Methylene chloride	ND	5.00	ND	17.4		10
4-Methyl-2-pentanone	ND	2.00	ND	8.19		10
Methyl tert butyl ether	ND	2.00	ND	7.20		10
p/m-Xylene	ND	4.00	ND	17.4		10
o-Xylene	ND	2.00	ND	8.68		10
Heptane	ND	2.00	ND	8.19		10
n-Hexane	ND	2.00	ND	7.04		10
Propylene	94.8	2.00	163	3.44		10



Project Name: FORMER DARBY DRUG**Lab Number:** L0813541**Project Number:** AVB0801**Report Date:** 09/25/08**SAMPLE RESULTS**

Lab ID: L0813541-10

Date Collected: 09/10/08 12:44

Client ID: PWG-SG-2008-10

Date Received: 09/11/08

Sample Location: ROCKVILLE CENTRE

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Low Level Volatile Organic Compounds in Air						
Styrene	ND	2.00	ND	8.51		10
Tetrachloroethene	ND	2.00	ND	13.6		10
Tetrahydrofuran	ND	2.00	ND	5.89		10
Toluene	2.89	2.00	10.9	7.53		10
trans-1,2-Dichloroethene	ND	2.00	ND	7.92		10
trans-1,3-Dichloropropene	ND	2.00	ND	9.07		10
Trichloroethene	ND	2.00	ND	10.7		10
Trichlorofluoromethane	ND	2.00	ND	11.2		10
Vinyl acetate	ND	2.00	ND	7.04		10
Vinyl bromide	ND	2.00	ND	8.74		10
Vinyl chloride	ND	2.00	ND	5.11		10

Project Name: FORMER DARBY DRUG
Project Number: AVB0801

Lab Number: L0813541
Report Date: 09/25/08

SAMPLE RESULTS

Lab ID: L0813541-11
 Client ID: PWG-SG-2008-11
 Sample Location: ROCKVILLE CENTRE
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 09/17/08 21:39
 Analyst: RY

Date Collected: 09/10/08 13:04
 Date Received: 09/11/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Low Level Volatile Organic Compounds in Air						
1,1,1-Trichloroethane	ND	51.7	ND	282.		258.6
1,1,2,2-Tetrachloroethane	ND	51.7	ND	355.		258.6
1,1,2-Trichloroethane	ND	51.7	ND	282.		258.6
1,1-Dichloroethane	ND	51.7	ND	209.		258.6
1,1-Dichloroethene	ND	51.7	ND	205.		258.6
1,2,4-Trichlorobenzene	ND	51.7	ND	384.		258.6
1,2,4-Trimethylbenzene	ND	51.7	ND	254.		258.6
1,2-Dibromoethane	ND	51.7	ND	397.		258.6
1,2-Dichlorobenzene	ND	51.7	ND	311.		258.6
1,2-Dichloroethane	ND	51.7	ND	209.		258.6
1,2-Dichloropropane	ND	51.7	ND	239.		258.6
1,3,5-Trimethylbenzene	ND	51.7	ND	254.		258.6
1,3-Butadiene	ND	51.7	ND	114.		258.6
1,3-Dichlorobenzene	ND	51.7	ND	311.		258.6
1,4-Dichlorobenzene	ND	51.7	ND	311.		258.6
1,4-Dioxane	ND	51.7	ND	186.		258.6
2,2,4-Trimethylpentane	ND	51.7	ND	241.		258.6
2-Butanone	ND	51.7	ND	152.		258.6
2-Hexanone	ND	51.7	ND	212.		258.6
3-Chloropropene	ND	51.7	ND	162.		258.6
4-Ethyltoluene	ND	51.7	ND	254.		258.6
Acetone	ND	129	ND	307		258.6
Benzene	ND	51.7	ND	165.		258.6
Benzyl chloride	ND	51.7	ND	268.		258.6
Bromodichloromethane	ND	51.7	ND	346.		258.6



Project Name: FORMER DARBY DRUG

Lab Number: L0813541

Project Number: AVB0801

Report Date: 09/25/08

SAMPLE RESULTS

Lab ID: L0813541-11

Date Collected: 09/10/08 13:04

Client ID: PWG-SG-2008-11

Date Received: 09/11/08

Sample Location: ROCKVILLE CENTRE

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Low Level Volatile Organic Compounds in Air						
Bromoform	ND	51.7	ND	534.		258.6
Bromomethane	ND	51.7	ND	201.		258.6
Carbon disulfide	ND	51.7	ND	161		258.6
Carbon tetrachloride	ND	51.7	ND	325.		258.6
Chlorobenzene	ND	51.7	ND	238.		258.6
Chloroethane	ND	51.7	ND	136.		258.6
Chloroform	74.1	51.7	362	252		258.6
Chloromethane	ND	51.7	ND	107.		258.6
cis-1,2-Dichloroethene	8470	51.7	33500	205		258.6
cis-1,3-Dichloropropene	ND	51.7	ND	234.		258.6
Cyclohexane	ND	51.7	ND	178.		258.6
Dibromochloromethane	ND	51.7	ND	440.		258.6
Dichlorodifluoromethane	ND	51.7	ND	256		258.6
Ethanol	ND	646.	ND	1220		258.6
Ethyl Acetate	ND	129.	ND	466.		258.6
Ethylbenzene	ND	51.7	ND	224.		258.6
Freon-113	113	51.7	869	396		258.6
Freon-114	ND	51.7	ND	361.		258.6
Hexachlorobutadiene	ND	51.7	ND	551.		258.6
Isopropanol	ND	129	ND	318		258.6
Methylene chloride	ND	129	ND	449		258.6
4-Methyl-2-pentanone	ND	51.7	ND	212.		258.6
Methyl tert butyl ether	ND	51.7	ND	186.		258.6
p/m-Xylene	ND	103.	ND	449.		258.6
o-Xylene	ND	51.7	ND	224.		258.6
Heptane	ND	51.7	ND	212.		258.6
n-Hexane	ND	51.7	ND	182.		258.6
Propylene	ND	51.7	ND	88.9		258.6



Project Name: FORMER DARBY DRUG

Lab Number: L0813541

Project Number: AVB0801

Report Date: 09/25/08

SAMPLE RESULTS

Lab ID: L0813541-11

Date Collected: 09/10/08 13:04

Client ID: PWG-SG-2008-11

Date Received: 09/11/08

Sample Location: ROCKVILLE CENTRE

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Low Level Volatile Organic Compounds in Air						
Styrene	ND	51.7	ND	220.		258.6
Tetrachloroethene	>25860	51.7	>175393	350		258.6
Tetrahydrofuran	ND	51.7	ND	152.		258.6
Toluene	ND	51.7	ND	195.		258.6
trans-1,2-Dichloroethene	339	51.7	1340	205		258.6
trans-1,3-Dichloropropene	ND	51.7	ND	234.		258.6
Trichloroethene	3560	51.7	19100	278		258.6
Trichlorofluoromethane	ND	51.7	ND	290		258.6
Vinyl acetate	ND	51.7	ND	182.		258.6
Vinyl bromide	ND	51.7	ND	226.		258.6
Vinyl chloride	ND	51.7	ND	132.		258.6

Project Name: FORMER DARBY DRUG**Lab Number:** L0813541**Project Number:** AVB0801**Report Date:** 09/25/08**SAMPLE RESULTS**

Lab ID: L0813541-11 R
Client ID: PWG-SG-2008-11
Sample Location: ROCKVILLE CENTRE
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 09/18/08 21:58
Analyst: RY

Date Collected: 09/10/08 13:04
Date Received: 09/11/08
Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Low Level Volatile Organic Compounds in Air						
Tetrachloroethene	249000	647	1680000	4380		3234

Project Name: FORMER DARBY DRUG
Project Number: AVB0801

Lab Number: L0813541
Report Date: 09/25/08

SAMPLE RESULTS

Lab ID: L0813541-12
 Client ID: PWG-SG-2008-12
 Sample Location: ROCKVILLE CENTRE
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 09/17/08 22:13
 Analyst: RY

Date Collected: 09/10/08 13:02
 Date Received: 09/11/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Low Level Volatile Organic Compounds in Air						
1,1,1-Trichloroethane	3.09	0.200	16.8	1.09		1
1,1,2,2-Tetrachloroethane	ND	0.200	ND	1.37		1
1,1,2-Trichloroethane	ND	0.200	ND	1.09		1
1,1-Dichloroethane	ND	0.200	ND	0.809		1
1,1-Dichloroethene	ND	0.200	ND	0.792		1
1,2,4-Trichlorobenzene	ND	0.200	ND	1.48		1
1,2,4-Trimethylbenzene	1.21	0.200	5.95	0.982		1
1,2-Dibromoethane	ND	0.200	ND	1.54		1
1,2-Dichlorobenzene	ND	0.200	ND	1.20		1
1,2-Dichloroethane	ND	0.200	ND	0.809		1
1,2-Dichloropropane	ND	0.200	ND	0.924		1
1,3,5-Trimethylbenzene	0.552	0.200	2.71	0.982		1
1,3-Butadiene	ND	0.200	ND	0.442		1
1,3-Dichlorobenzene	ND	0.200	ND	1.20		1
1,4-Dichlorobenzene	6.68	0.200	40.1	1.20		1
1,4-Dioxane	ND	0.200	ND	0.720		1
2,2,4-Trimethylpentane	ND	0.200	ND	0.934		1
2-Butanone	0.957	0.200	2.82	0.589		1
2-Hexanone	ND	0.200	ND	0.819		1
3-Chloropropene	ND	0.200	ND	0.626		1
4-Ethyltoluene	ND	0.200	ND	0.982		1
Acetone	6.82	0.500	16.2	1.19		1
Benzene	ND	0.200	ND	0.638		1
Benzyl chloride	ND	0.200	ND	1.03		1
Bromodichloromethane	ND	0.200	ND	1.34		1



Project Name: FORMER DARBY DRUG

Lab Number: L0813541

Project Number: AVB0801

Report Date: 09/25/08

SAMPLE RESULTS

Lab ID: L0813541-12

Date Collected: 09/10/08 13:02

Client ID: PWG-SG-2008-12

Date Received: 09/11/08

Sample Location: ROCKVILLE CENTRE

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Low Level Volatile Organic Compounds in Air						
Bromoform	ND	0.200	ND	2.06		1
Bromomethane	ND	0.200	ND	0.776		1
Carbon disulfide	ND	0.200	ND	0.622		1
Carbon tetrachloride	ND	0.200	ND	1.26		1
Chlorobenzene	ND	0.200	ND	0.920		1
Chloroethane	ND	0.200	ND	0.527		1
Chloroform	0.256	0.200	1.25	0.976		1
Chloromethane	ND	0.200	ND	0.413		1
cis-1,2-Dichloroethene	ND	0.200	ND	0.792		1
cis-1,3-Dichloropropene	ND	0.200	ND	0.907		1
Cyclohexane	0.310	0.200	1.07	0.688		1
Dibromochloromethane	ND	0.200	ND	1.70		1
Dichlorodifluoromethane	0.718	0.200	3.55	0.988		1
Ethanol	9.30	2.50	17.5	4.71		1
Ethyl Acetate	ND	0.500	ND	1.80		1
Ethylbenzene	0.676	0.200	2.93	0.868		1
Freon-113	ND	0.200	ND	1.53		1
Freon-114	ND	0.200	ND	1.40		1
Hexachlorobutadiene	ND	0.200	ND	2.13		1
Isopropanol	ND	0.500	ND	1.23		1
Methylene chloride	ND	0.500	ND	1.74		1
4-Methyl-2-pentanone	ND	0.200	ND	0.819		1
Methyl tert butyl ether	ND	0.200	ND	0.720		1
p/m-Xylene	2.14	0.400	9.30	1.74		1
o-Xylene	0.875	0.200	3.80	0.868		1
Heptane	ND	0.200	ND	0.819		1
n-Hexane	ND	0.200	ND	0.704		1
Propylene	ND	0.200	ND	0.344		1

Project Name: FORMER DARBY DRUG**Lab Number:** L0813541**Project Number:** AVB0801**Report Date:** 09/25/08**SAMPLE RESULTS**

Lab ID: L0813541-12

Date Collected: 09/10/08 13:02

Client ID: PWG-SG-2008-12

Date Received: 09/11/08

Sample Location: ROCKVILLE CENTRE

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Low Level Volatile Organic Compounds in Air						
Styrene	1.02	0.200	4.36	0.851		1
Tetrachloroethene	23.0	0.200	156	1.36		1
Tetrahydrofuran	ND	0.200	ND	0.589		1
Toluene	2.06	0.200	7.76	0.753		1
trans-1,2-Dichloroethene	ND	0.200	ND	0.792		1
trans-1,3-Dichloropropene	ND	0.200	ND	0.907		1
Trichloroethene	0.629	0.200	3.38	1.07		1
Trichlorofluoromethane	0.484	0.200	2.72	1.12		1
Vinyl acetate	ND	0.200	ND	0.704		1
Vinyl bromide	ND	0.200	ND	0.874		1
Vinyl chloride	ND	0.200	ND	0.511		1

Project Name: FORMER DARBY DRUG

Lab Number: L0813541

Project Number: AVB0801

Report Date: 09/25/08

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 09/17/08 10:06

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Low Level Volatile Organic Compounds in Air for sample(s): 01-12 Batch: WG336905-3						
1,1,1-Trichloroethane	ND	0.200	ND	1.09		1
1,1,2,2-Tetrachloroethane	ND	0.200	ND	1.37		1
1,1,2-Trichloroethane	ND	0.200	ND	1.09		1
1,1-Dichloroethane	ND	0.200	ND	0.809		1
1,1-Dichloroethene	ND	0.200	ND	0.792		1
1,2,4-Trichlorobenzene	ND	0.200	ND	1.48		1
1,2,4-Trimethylbenzene	ND	0.200	ND	0.982		1
1,2-Dibromoethane	ND	0.200	ND	1.54		1
1,2-Dichlorobenzene	ND	0.200	ND	1.20		1
1,2-Dichloroethane	ND	0.200	ND	0.809		1
1,2-Dichloropropane	ND	0.200	ND	0.924		1
1,3,5-Trimethylbenzene	ND	0.200	ND	0.982		1
1,3-Butadiene	ND	0.200	ND	0.442		1
1,3-Dichlorobenzene	ND	0.200	ND	1.20		1
1,4-Dichlorobenzene	ND	0.200	ND	1.20		1
1,4-Dioxane	ND	0.200	ND	0.720		1
2,2,4-Trimethylpentane	ND	0.200	ND	0.934		1
2-Butanone	ND	0.200	ND	0.589		1
2-Hexanone	ND	0.200	ND	0.819		1
3-Chloropropene	ND	0.200	ND	0.626		1
4-Ethyltoluene	ND	0.200	ND	0.982		1
Acetone	ND	0.500	ND	1.19		1
Benzene	ND	0.200	ND	0.638		1
Benzyl chloride	ND	0.200	ND	1.03		1
Bromodichloromethane	ND	0.200	ND	1.34		1



Project Name: FORMER DARBY DRUG

Lab Number: L0813541

Project Number: AVB0801

Report Date: 09/25/08

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 09/17/08 10:06

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Low Level Volatile Organic Compounds in Air for sample(s): 01-12 Batch: WG336905-3						
Bromoform	ND	0.200	ND	2.06		1
Bromomethane	ND	0.200	ND	0.776		1
Carbon disulfide	ND	0.200	ND	0.622		1
Carbon tetrachloride	ND	0.200	ND	1.26		1
Chlorobenzene	ND	0.200	ND	0.920		1
Chloroethane	ND	0.200	ND	0.527		1
Chloroform	ND	0.200	ND	0.976		1
Chloromethane	ND	0.200	ND	0.413		1
cis-1,2-Dichloroethene	ND	0.200	ND	0.792		1
cis-1,3-Dichloropropene	ND	0.200	ND	0.907		1
Cyclohexane	ND	0.200	ND	0.688		1
Dibromochloromethane	ND	0.200	ND	1.70		1
Dichlorodifluoromethane	ND	0.200	ND	0.988		1
Ethanol	ND	2.50	ND	4.71		1
Ethyl Acetate	ND	0.500	ND	1.80		1
Ethylbenzene	ND	0.200	ND	0.868		1
Freon-113	ND	0.200	ND	1.53		1
Freon-114	ND	0.200	ND	1.40		1
Hexachlorobutadiene	ND	0.200	ND	2.13		1
Isopropanol	ND	0.500	ND	1.23		1
Methylene chloride	ND	0.500	ND	1.74		1
4-Methyl-2-pentanone	ND	0.200	ND	0.819		1
Methyl tert butyl ether	ND	0.200	ND	0.720		1
p/m-Xylene	ND	0.400	ND	1.74		1
o-Xylene	ND	0.200	ND	0.868		1



Project Name: FORMER DARBY DRUG

Lab Number: L0813541

Project Number: AVB0801

Report Date: 09/25/08

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 09/17/08 10:06

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Low Level Volatile Organic Compounds in Air for sample(s): 01-12 Batch: WG336905-3						
Heptane	ND	0.200	ND	0.819		1
n-Hexane	ND	0.200	ND	0.704		1
Propylene	ND	0.200	ND	0.344		1
Styrene	ND	0.200	ND	0.851		1
Tetrachloroethene	ND	0.200	ND	1.36		1
Tetrahydrofuran	ND	0.200	ND	0.589		1
Toluene	ND	0.200	ND	0.753		1
trans-1,2-Dichloroethene	ND	0.200	ND	0.792		1
trans-1,3-Dichloropropene	ND	0.200	ND	0.907		1
Trichloroethene	ND	0.200	ND	1.07		1
Trichlorofluoromethane	ND	0.200	ND	1.12		1
Vinyl acetate	ND	0.200	ND	0.704		1
Vinyl bromide	ND	0.200	ND	0.874		1
Vinyl chloride	ND	0.200	ND	0.511		1

Project Name: FORMER DARBY DRUG

Lab Number: L0813541

Project Number: AVB0801

Report Date: 09/25/08

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 09/18/08 12:51

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Low Level Volatile Organic Compounds in Air for sample(s): 07,11 Batch: WG336905-7						
1,1,1-Trichloroethane	ND	0.200	ND	1.09		1
1,1,2,2-Tetrachloroethane	ND	0.200	ND	1.37		1
1,1,2-Trichloroethane	ND	0.200	ND	1.09		1
1,1-Dichloroethane	ND	0.200	ND	0.809		1
1,1-Dichloroethene	ND	0.200	ND	0.792		1
1,2,4-Trichlorobenzene	ND	0.200	ND	1.48		1
1,2,4-Trimethylbenzene	ND	0.200	ND	0.982		1
1,2-Dibromoethane	ND	0.200	ND	1.54		1
1,2-Dichlorobenzene	ND	0.200	ND	1.20		1
1,2-Dichloroethane	ND	0.200	ND	0.809		1
1,2-Dichloropropane	ND	0.200	ND	0.924		1
1,3,5-Trimethylbenzene	ND	0.200	ND	0.982		1
1,3-Butadiene	ND	0.200	ND	0.442		1
1,3-Dichlorobenzene	ND	0.200	ND	1.20		1
1,4-Dichlorobenzene	ND	0.200	ND	1.20		1
1,4-Dioxane	ND	0.200	ND	0.720		1
2,2,4-Trimethylpentane	ND	0.200	ND	0.934		1
2-Butanone	ND	0.200	ND	0.589		1
2-Hexanone	ND	0.200	ND	0.819		1
3-Chloropropene	ND	0.200	ND	0.626		1
4-Ethyltoluene	ND	0.200	ND	0.982		1
Acetone	ND	0.500	ND	1.19		1
Benzene	ND	0.200	ND	0.638		1
Benzyl chloride	ND	0.200	ND	1.03		1
Bromodichloromethane	ND	0.200	ND	1.34		1



Project Name: FORMER DARBY DRUG

Lab Number: L0813541

Project Number: AVB0801

Report Date: 09/25/08

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 09/18/08 12:51

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Low Level Volatile Organic Compounds in Air for sample(s): 07,11 Batch: WG336905-7						
Bromoform	ND	0.200	ND	2.06		1
Bromomethane	ND	0.200	ND	0.776		1
Carbon disulfide	ND	0.200	ND	0.622		1
Carbon tetrachloride	ND	0.200	ND	1.26		1
Chlorobenzene	ND	0.200	ND	0.920		1
Chloroethane	ND	0.200	ND	0.527		1
Chloroform	ND	0.200	ND	0.976		1
Chloromethane	ND	0.200	ND	0.413		1
cis-1,2-Dichloroethene	ND	0.200	ND	0.792		1
cis-1,3-Dichloropropene	ND	0.200	ND	0.907		1
Cyclohexane	ND	0.200	ND	0.688		1
Dibromochloromethane	ND	0.200	ND	1.70		1
Dichlorodifluoromethane	ND	0.200	ND	0.988		1
Ethanol	ND	2.50	ND	4.71		1
Ethyl Acetate	ND	0.500	ND	1.80		1
Ethylbenzene	ND	0.200	ND	0.868		1
Freon-113	ND	0.200	ND	1.53		1
Freon-114	ND	0.200	ND	1.40		1
Hexachlorobutadiene	ND	0.200	ND	2.13		1
Isopropanol	ND	0.500	ND	1.23		1
Methylene chloride	ND	0.500	ND	1.74		1
4-Methyl-2-pentanone	ND	0.200	ND	0.819		1
Methyl tert butyl ether	ND	0.200	ND	0.720		1
p/m-Xylene	ND	0.400	ND	1.74		1
o-Xylene	ND	0.200	ND	0.868		1



Project Name: FORMER DARBY DRUG

Lab Number: L0813541

Project Number: AVB0801

Report Date: 09/25/08

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 09/18/08 12:51

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Low Level Volatile Organic Compounds in Air for sample(s): 07,11 Batch: WG336905-7						
Heptane	ND	0.200	ND	0.819		1
n-Hexane	ND	0.200	ND	0.704		1
Propylene	ND	0.200	ND	0.344		1
Styrene	ND	0.200	ND	0.851		1
Tetrachloroethene	ND	0.200	ND	1.36		1
Tetrahydrofuran	ND	0.200	ND	0.589		1
Toluene	ND	0.200	ND	0.753		1
trans-1,2-Dichloroethene	ND	0.200	ND	0.792		1
trans-1,3-Dichloropropene	ND	0.200	ND	0.907		1
Trichloroethene	ND	0.200	ND	1.07		1
Trichlorofluoromethane	ND	0.200	ND	1.12		1
Vinyl acetate	ND	0.200	ND	0.704		1
Vinyl bromide	ND	0.200	ND	0.874		1
Vinyl chloride	ND	0.200	ND	0.511		1

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER DARBY DRUG

Lab Number: L0813541

Project Number: AVB0801

Report Date: 09/25/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Low Level Volatile Organic Compounds in Air Associated sample(s): 01-12 Batch: WG336905-2					
1,1,1-Trichloroethane	109	-	70-130	-	
1,1,2,2-Tetrachloroethane	106	-	70-130	-	
1,1,2-Trichloroethane	95	-	70-130	-	
1,1-Dichloroethane	107	-	70-130	-	
1,1-Dichloroethene	101	-	70-130	-	
1,2,4-Trichlorobenzene	123	-	70-130	-	
1,2,4-Trimethylbenzene	118	-	70-130	-	
1,2-Dibromoethane	98	-	70-130	-	
1,2-Dichlorobenzene	113	-	70-130	-	
1,2-Dichloroethane	119	-	70-130	-	
1,2-Dichloropropane	86	-	70-130	-	
1,3,5-Trimethylbenzene	112	-	70-130	-	
1,3-Butadiene	93	-	70-130	-	
1,3-Dichlorobenzene	113	-	70-130	-	
1,4-Dichlorobenzene	111	-	70-130	-	
1,4-Dioxane	106	-	70-130	-	
2,2,4-Trimethylpentane	91	-	70-130	-	
2-Butanone	107	-	70-130	-	
2-Hexanone	104	-	70-130	-	
3-Chloropropene	104	-	70-130	-	
4-Ethyltoluene	114	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER DARBY DRUG

Lab Number: L0813541

Project Number: AVB0801

Report Date: 09/25/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Low Level Volatile Organic Compounds in Air Associated sample(s): 01-12 Batch: WG336905-2					
Acetone	104	-	70-130	-	
Benzene	90	-	70-130	-	
Benzyl chloride	112	-	70-130	-	
Bromodichloromethane	100	-	70-130	-	
Bromoform	118	-	70-130	-	
Bromomethane	94	-	70-130	-	
Carbon disulfide	102	-	70-130	-	
Carbon tetrachloride	107	-	70-130	-	
Chlorobenzene	104	-	70-130	-	
Chloroethane	97	-	70-130	-	
Chloroform	115	-	70-130	-	
Chloromethane	94	-	70-130	-	
cis-1,2-Dichloroethene	107	-	70-130	-	
cis-1,3-Dichloropropene	86	-	70-130	-	
Cyclohexane	84	-	70-130	-	
Dibromochloromethane	110	-	70-130	-	
Dichlorodifluoromethane	105	-	70-130	-	
Ethyl Alcohol	105	-	70-130	-	
Ethyl Acetate	100	-	70-130	-	
Ethylbenzene	110	-	70-130	-	
1,1,2-Trichloro-1,2,2-Trifluoroethane	106	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER DARBY DRUG

Lab Number: L0813541

Project Number: AVB0801

Report Date: 09/25/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Low Level Volatile Organic Compounds in Air Associated sample(s): 01-12 Batch: WG336905-2					
1,2-Dichloro-1,1,2,2-tetrafluoroethane	102	-	70-130	-	
Hexachlorobutadiene	124	-	70-130	-	
iso-Propyl Alcohol	96	-	70-130	-	
Methylene chloride	91	-	70-130	-	
4-Methyl-2-pentanone	97	-	70-130	-	
Methyl tert butyl ether	113	-	70-130	-	
p/m-Xylene	106	-	70-130	-	
o-Xylene	115	-	70-130	-	
Heptane	90	-	70-130	-	
n-Hexane	87	-	70-130	-	
Propylene	89	-	70-130	-	
Styrene	106	-	70-130	-	
Tetrachloroethene	115	-	70-130	-	
Tetrahydrofuran	92	-	70-130	-	
Toluene	98	-	70-130	-	
trans-1,2-Dichloroethene	102	-	70-130	-	
trans-1,3-Dichloropropene	80	-	70-130	-	
Trichloroethene	103	-	70-130	-	
Trichlorofluoromethane	118	-	70-130	-	
Vinyl acetate	105	-	70-130	-	
Vinyl bromide	102	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER DARBY DRUG

Lab Number: L0813541

Project Number: AVB0801

Report Date: 09/25/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Low Level Volatile Organic Compounds in Air Associated sample(s): 01-12 Batch: WG336905-2					
Vinyl chloride	98	-	70-130	-	

Low Level Volatile Organic Compounds in Air Associated sample(s): 07,11 Batch: WG336905-6					
1,1,1-Trichloroethane	103	-	70-130	-	
1,1,2,2-Tetrachloroethane	105	-	70-130	-	
1,1,2-Trichloroethane	92	-	70-130	-	
1,1-Dichloroethane	99	-	70-130	-	
1,1-Dichloroethene	94	-	70-130	-	
1,2,4-Trichlorobenzene	116	-	70-130	-	
1,2,4-Trimethylbenzene	112	-	70-130	-	
1,2-Dibromoethane	94	-	70-130	-	
1,2-Dichlorobenzene	104	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER DARBY DRUG

Lab Number: L0813541

Project Number: AVB0801

Report Date: 09/25/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Low Level Volatile Organic Compounds in Air Associated sample(s): 07,11 Batch: WG336905-6					
1,2-Dichloroethane	110	-	70-130	-	
1,2-Dichloropropane	85	-	70-130	-	
1,3,5-Trimethylbenzene	109	-	70-130	-	
1,3-Butadiene	88	-	70-130	-	
1,3-Dichlorobenzene	108	-	70-130	-	
1,4-Dichlorobenzene	105	-	70-130	-	
1,4-Dioxane	104	-	70-130	-	
2,2,4-Trimethylpentane	88	-	70-130	-	
2-Butanone	105	-	70-130	-	
2-Hexanone	102	-	70-130	-	
3-Chloropropene	97	-	70-130	-	
4-Ethyltoluene	107	-	70-130	-	
Acetone	104	-	70-130	-	
Benzene	87	-	70-130	-	
Benzyl chloride	103	-	70-130	-	
Bromodichloromethane	95	-	70-130	-	
Bromoform	111	-	70-130	-	
Bromomethane	85	-	70-130	-	
Carbon disulfide	94	-	70-130	-	
Carbon tetrachloride	101	-	70-130	-	
Chlorobenzene	100	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER DARBY DRUG

Lab Number: L0813541

Project Number: AVB0801

Report Date: 09/25/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Low Level Volatile Organic Compounds in Air Associated sample(s): 07,11 Batch: WG336905-6					
Chloroethane	93	-	70-130	-	
Chloroform	111	-	70-130	-	
Chloromethane	89	-	70-130	-	
cis-1,2-Dichloroethene	100	-	70-130	-	
cis-1,3-Dichloropropene	82	-	70-130	-	
Cyclohexane	83	-	70-130	-	
Dibromochloromethane	105	-	70-130	-	
Dichlorodifluoromethane	102	-	70-130	-	
Ethyl Alcohol	105	-	70-130	-	
Ethyl Acetate	114	-	70-130	-	
Ethylbenzene	100	-	70-130	-	
1,1,2-Trichloro-1,2,2-Trifluoroethane	99	-	70-130	-	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	94	-	70-130	-	
Hexachlorobutadiene	117	-	70-130	-	
iso-Propyl Alcohol	96	-	70-130	-	
Methylene chloride	87	-	70-130	-	
4-Methyl-2-pentanone	97	-	70-130	-	
Methyl tert butyl ether	110	-	70-130	-	
p/m-Xylene	104	-	70-130	-	
o-Xylene	104	-	70-130	-	
Heptane	87	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER DARBY DRUG

Project Number: AVB0801

Lab Number: L0813541

Report Date: 09/25/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Low Level Volatile Organic Compounds in Air Associated sample(s): 07,11 Batch: WG336905-6					
n-Hexane	96	-	70-130	-	
Propylene	88	-	70-130	-	
Styrene	103	-	70-130	-	
Tetrachloroethene	108	-	70-130	-	
Tetrahydrofuran	110	-	70-130	-	
Toluene	96	-	70-130	-	
trans-1,2-Dichloroethene	96	-	70-130	-	
trans-1,3-Dichloropropene	76	-	70-130	-	
Trichloroethene	97	-	70-130	-	
Trichlorofluoromethane	105	-	70-130	-	
Vinyl acetate	103	-	70-130	-	
Vinyl bromide	97	-	70-130	-	
Vinyl chloride	90	-	70-130	-	

Lab Duplicate Analysis

Batch Quality Control

Project Name: FORMER DARBY DRUG

Project Number: AVB0801

Lab Number: L0813541

Report Date: 09/25/08

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Low Level Volatile Organic Compounds in Air Associated sample(s): 01-12 QC Batch ID: WG336905-4 QC Sample: L0813541-05 Client ID: PWG-SG-2008-05					
1,1,1-Trichloroethane	ND	ND	ppbV	NC	25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC	25
1,1,2-Trichloroethane	ND	ND	ppbV	NC	25
1,1-Dichloroethane	ND	ND	ppbV	NC	25
1,1-Dichloroethene	ND	ND	ppbV	NC	25
1,2,4-Trichlorobenzene	ND	ND	ppbV	NC	25
1,2,4-Trimethylbenzene	ND	ND	ppbV	NC	25
1,2-Dibromoethane	ND	ND	ppbV	NC	25
1,2-Dichlorobenzene	ND	ND	ppbV	NC	25
1,2-Dichloroethane	ND	ND	ppbV	NC	25
1,2-Dichloropropane	ND	ND	ppbV	NC	25
1,3,5-Trimethylbenzene	ND	ND	ppbV	NC	25
1,3-Butadiene	ND	ND	ppbV	NC	25
1,3-Dichlorobenzene	ND	ND	ppbV	NC	25
1,4-Dichlorobenzene	2.88	3.03	ppbV	5	25
1,4-Dioxane	ND	ND	ppbV	NC	25
2,2,4-Trimethylpentane	ND	ND	ppbV	NC	25
2-Butanone	143	134	ppbV	6	25
2-Hexanone	2.31	2.37	ppbV	3	25

Lab Duplicate Analysis

Batch Quality Control

Project Name: FORMER DARBY DRUG

Project Number: AVB0801

Lab Number: L0813541

Report Date: 09/25/08

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Low Level Volatile Organic Compounds in Air Associated sample(s): 01-12 QC Batch ID: WG336905-4 QC Sample: L0813541-05 Client ID: PWG-SG-2008-05					
3-Chloropropene	ND	ND	ppbV	NC	25
4-Ethyltoluene	ND	ND	ppbV	NC	25
Acetone	>1000	>1000	ppbV	NC	25
Benzene	ND	ND	ppbV	NC	25
Benzyl chloride	ND	ND	ppbV	NC	25
Bromodichloromethane	ND	ND	ppbV	NC	25
Bromoform	ND	ND	ppbV	NC	25
Bromomethane	ND	ND	ppbV	NC	25
Carbon disulfide	ND	ND	ppbV	NC	25
Carbon tetrachloride	ND	ND	ppbV	NC	25
Chlorobenzene	ND	ND	ppbV	NC	25
Chloroethane	ND	ND	ppbV	NC	25
Chloroform	ND	ND	ppbV	NC	25
Chloromethane	ND	ND	ppbV	NC	25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC	25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC	25
Cyclohexane	ND	ND	ppbV	NC	25
Dibromochloromethane	ND	ND	ppbV	NC	25
Dichlorodifluoromethane	ND	ND	ppbV	NC	25

Lab Duplicate Analysis

Batch Quality Control

Project Name: FORMER DARBY DRUG

Project Number: AVB0801

Lab Number: L0813541

Report Date: 09/25/08

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Low Level Volatile Organic Compounds in Air Associated sample(s): 01-12 QC Batch ID: WG336905-4 QC Sample: L0813541-05 Client ID: PWG-SG-2008-05					
Ethanol	110	102	ppbV	8	25
Ethyl Acetate	ND	ND	ppbV	NC	25
Ethylbenzene	ND	ND	ppbV	NC	25
Freon-113	ND	ND	ppbV	NC	25
Freon-114	ND	ND	ppbV	NC	25
Hexachlorobutadiene	ND	ND	ppbV	NC	25
Isopropanol	53.0	50.4	ppbV	5	25
Methylene chloride	ND	ND	ppbV	NC	25
4-Methyl-2-pentanone	ND	ND	ppbV	NC	25
Methyl tert butyl ether	ND	ND	ppbV	NC	25
p/m-Xylene	ND	ND	ppbV	NC	25
o-Xylene	ND	ND	ppbV	NC	25
Heptane	ND	ND	ppbV	NC	25
n-Hexane	ND	ND	ppbV	NC	25
Propylene	157	149	ppbV	5	25
Styrene	ND	ND	ppbV	NC	25
Tetrachloroethene	2.95	2.71	ppbV	8	25
Tetrahydrofuran	ND	ND	ppbV	NC	25
Toluene	3.75	3.41	ppbV	9	25

Lab Duplicate Analysis

Batch Quality Control

Project Name: FORMER DARBY DRUG

Project Number: AVB0801

Lab Number: L0813541

Report Date: 09/25/08

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Low Level Volatile Organic Compounds in Air Associated sample(s): 01-12 QC Batch ID: WG336905-4 QC Sample: L0813541-05 Client ID: PWG-SG-2008-05					
trans-1,2-Dichloroethene	ND	ND	ppbV	NC	25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC	25
Trichloroethene	ND	ND	ppbV	NC	25
Trichlorofluoromethane	ND	ND	ppbV	NC	25
Vinyl acetate	ND	ND	ppbV	NC	25
Vinyl bromide	ND	ND	ppbV	NC	25
Vinyl chloride	ND	ND	ppbV	NC	25
Low Level Volatile Organic Compounds in Air Associated sample(s): 01-12 QC Batch ID: WG336905-4 QC Sample: L0813541-05 Client ID: PWG-SG-2008-05					
Acetone	800	925	ppbV	14	25

Project Name: FORMER DARBY DRUG

09250813:57

Lab Number: L0813541

Project Number: AVB0801

Report Date: 09/25/08

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Cleaning Batch ID	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Out mL/min	Flow In mL/min	% RSD
L0813541-01	PWG-SG-2008-01	0021	#30 SV		-	-	19.6	20.0	2
L0813541-01	PWG-SG-2008-01	452	2.7L Can	I0812952	-29.7	-3.7	-	-	-
L0813541-02	PWG-SG-2008-02	0100	#30 AMB		-	-	19.5	20.0	3
L0813541-02	PWG-SG-2008-02	490	2.7L Can	I0812952	-29.7	-2.8	-	-	-
L0813541-03	PWG-SG-2008-03	0406	#30 SV		-	-	19.7	21.4	8
L0813541-03	PWG-SG-2008-03	484	2.7L Can	I0812952	-29.6	-4.2	-	-	-
L0813541-04	PWG-SG-2008-04	0322	#30 SV		-	-	19.3	19.3	0
L0813541-04	PWG-SG-2008-04	401	2.7L Can	I0812952	-29.7	-5.0	-	-	-
L0813541-05	PWG-SG-2008-05	0324	#30 SV		-	-	19.6	19.9	2
L0813541-05	PWG-SG-2008-05	554	2.7L Can	I0812952	-29.1	-3.8	-	-	-
L0813541-06	PWG-SG-2008-06	0414	#30 SV		-	-	19.5	20.0	3
L0813541-06	PWG-SG-2008-06	497	2.7L Can	I0812952	-29.7	-3.8	-	-	-
L0813541-07	PWG-SG-2008-07	0299	#30 SV		-	-	19.7	20.0	2
L0813541-07	PWG-SG-2008-07	324	2.7L Can	I0812952	-29.7	-3.3	-	-	-
L0813541-08	PWG-SG-2008-08	0094	#30 SV		-	-	19.6	20.0	2
L0813541-08	PWG-SG-2008-08	409	2.7L Can	I0812952	-29.7	-3.3	-	-	-
L0813541-09	PWG-SG-2008-09	0333	#30 SV		-	-	19.6	20.0	2



Project Name: FORMER DARBY DRUG

09250813:57

Lab Number: L0813541

Project Number: AVB0801

Report Date: 09/25/08

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Cleaning Batch ID	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Out mL/min	Flow In mL/min	% RSD
L0813541-09	PWG-SG-2008-09	475	2.7L Can	I0812952	-29.7	-3.7	-	-	-
L0813541-10	PWG-SG-2008-10	0347	#30 SV		-	-	19.8	21.1	6
L0813541-10	PWG-SG-2008-10	376	2.7L Can	I0812952	-29.7	-4.3	-	-	-
L0813541-11	PWG-SG-2008-11	0098	#16 SV		-	-	19.5	20.0	3
L0813541-11	PWG-SG-2008-11	526	2.7L Can	I0812952	-29.7	-3.2	-	-	-
L0813541-12	PWG-SG-2008-12	0337	#30 SV		-	-	19.7	20.0	2
L0813541-12	PWG-SG-2008-12	384	2.7L Can	I0812952	-29.7	-3.7	-	-	-



Project Name: FORMER DARBY DRUG**Lab Number:** L0813541**Project Number:** AVB0801**Report Date:** 09/25/08**Sample Receipt and Container Information**

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
N/A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0813541-01A	Canister - 2.7 Liter	N/A	NA		NA	Absent	TO15-LL(30)
L0813541-02A	Canister - 2.7 Liter	N/A	NA		NA	Absent	TO15-LL(30)
L0813541-03A	Canister - 2.7 Liter	N/A	NA		NA	Absent	TO15-LL(30)
L0813541-04A	Canister - 2.7 Liter	N/A	NA		NA	Absent	TO15-LL(30)
L0813541-05A	Canister - 2.7 Liter	N/A	NA		NA	Absent	TO15-LL(30)
L0813541-06A	Canister - 2.7 Liter	N/A	NA		NA	Absent	TO15-LL(30)
L0813541-07A	Canister - 2.7 Liter	N/A	NA		NA	Absent	TO15-LL(30)
L0813541-08A	Canister - 2.7 Liter	N/A	NA		NA	Absent	TO15-LL(30)
L0813541-09A	Canister - 2.7 Liter	N/A	NA		NA	Absent	TO15-LL(30)
L0813541-10A	Canister - 2.7 Liter	N/A	NA		NA	Absent	TO15-LL(30)
L0813541-11A	Canister - 2.7 Liter	N/A	NA		NA	Absent	TO15-LL(30)
L0813541-12A	Canister - 2.7 Liter	N/A	NA		NA	Absent	TO15-LL(30)

*Hold days indicated by values in parentheses

Project Name: FORMER DARBY DRUG
Project Number: AVB0801

Lab Number: L0813541
Report Date: 09/25/08

GLOSSARY

Acronyms

- EPA - Environmental Protection Agency.
LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD- Laboratory Control Sample Duplicate: Refer to LCS.
MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD - Matrix Spike Sample Duplicate: Refer to MS.
NA - Not Applicable.
NI - Not Ignitable.
NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
ND - Not detected at the reported detection limit for the sample.
RDL - Reported Detection Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

The following data qualifiers have been identified for use under the CT DEP Reasonable Confidence Protocols.

A - Spectra identified as "Aldol Condensation Product".

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

J - Estimated value. The analyte was tentatively identified; the quantitation is an estimation. (Tentatively identified compounds only.)

Standard Qualifiers

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

Report Format: Not Specified



Project Name: FORMER DARBY DRUG
Project Number: AVB0801

Lab Number: L0813541
Report Date: 09/25/08

REFERENCES

- 48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Woods Hole Labs shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Woods Hole Labs.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



ALPHA ANALYSIS CHAIN OF CUSTODY

320 Forbes Blvd, Mansfield, MA 02048
 TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: PW&C
 Address: 630 Johnson Ave, Ste 7
Bolton MA 01716
 Phone: 631 589 6353
 Fax: 631 589 8705
 Email: Thomas@PWSusa.com

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments:
 Vacuum quote on regulator 0021 (56.70) was loose. Please test regulator to determine whether it is leaking. If so, do not analyze sample.

Project Information

Project Name: Former Dohy Drug
 Project Location: Rodville Centre
 Project #: AVB0801
 Project Manager: K. Alustkos
 ALPHA Quote #: _____
 Turn-Around Time _____

Standard RUSH (only confirmed if pre-approved)
 10 DAYS
 Date Due: _____ Time: _____

Report Information - Data Deliverables

Date Rec'd in Lab: _____
 FAX
 P&DEX
 Criteria Checker: _____
 (Default based on Regulatory Criteria Indicated)
 EMAIL (standard pdf report)
 Other Formats: _____
 Additional Deliverables: ASPCat B Deliverables
 Report to: (if different than Project Manager) _____

Regulatory Requirements/Report Limits

State/Fed	Program	Criteria

Billing Information

Same as Client Info PO #: _____

ALPHA Job #: 10813541

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION				Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	Sample Comments (i.e. PID)
		Date	Start Time	End Time	Vacuum								
1	PW6.S6.2008.01	9-10-08	11:16	13:10	-30	-10	SV	TML	2.7	452	0821	X	
2	PW6.S6.2008.02	9-10-08	11:35	13:30	-30	-5	SV	TM	2.7	490	0100	X	
3	PW6.S6.2008.03	9-10-08	11:44	13:31	-29	-5	SV	TM	2.7	484	0906	X	
4	PW6.S6.2008.04	9-10-08	10:29	12:29	-30	-6	SV	TM	2.7	401	0322	X	
5	PW6.S6.2008.05	9-10-08	10:34	13:31	-28	-5	SV	TM	2.7	554	0324	X	
6	PW6.S6.2008.06	9-10-08	10:40	12:34	-30	-6	SV	TM	2.7	447	0414	X	
7	PW6.S6.2008.07	9-10-08	10:44	12:40	-30	-8	SV	TM	2.7	324	0299	X	
8	PW6.S6.2008.08	9-10-08	10:47	12:42	-30	-10	SV	TM	2.7	409	0094	X	
9	PW6.S6.2008.09	9-10-08	11:00	12:53	-30	-5	SV	TM	2.7	475	0333	X	
10	PW6.S6.2008.10	9-10-08	10:55	12:44	-30	-6	SV	TM	2.7	376	0347	X	

*SAMPLE MATRIX CODES
 AA = Ambient Air (Indoor/Outdoor)
 SV = Soil Vapor/Landfill Gas/SVE
 Other = Please Specify

Relinquished By: _____ Date/Time: _____
 Received By: _____ Date/Time: _____
 Container Type: _____

ANALYSIS

TO-14A by TO-15
 TO-15
 TO-15 SIM
 APH
 FIXED GASES
 TO-13A
 TO-4 / TO-10

Form No: 101-02 (rev. 1-Feb-08)
 Relinquished By: [Signature] Date/Time: 9/10/08 15:55
 Received By: [Signature] Date/Time: 9/10/08 18:00
 Container Type: 5

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.



AIR ANALYSIS

PAGE 2 OF 2

320 Forbes Blvd, Mansfield, MA 02048
 TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: PWSC
 Address: 630 Johnson Ave Ste 7
Bolton, MA 02416
 Phone: 631 589 6353
 Fax: 631 589 8705
 Email: HWASMA@progressor.com

Other Project Specific Requirements/Comments:

Project Information

Project Name: Former Dairy Dug
 Project Location: R.V.C.
 Project #: AUB 0801
 Project Manager: K. Aluskey
 ALPHA Quote #:
 Turn-Around Time

Standard RUSH (only confirmed if pre-approved)
 10 DAYS
 Date Due: Time:

Date Rec'd in Lab:

Report Information - Data Deliverables

FAX
 PDfEX
 Criteria Checker:
 (Default based on Regulatory Criteria Indicated)
 Other Formats:
 EMAIL (standard pdf report)
 Additional Deliverables:
ASPCat, B Standards
 Report to: (if different than Project Manager)

ALPHA Job #: 20813071

Billing Information

Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed Program Criteria

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION				Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	Sample Comments (i.e. PID)		
		Date	Start Time	End Time	Vacuum								
	11	PWSC-56-2008-11	9-10-08	11:07	13:04	-30	-6	SV	TM	2.7	526	0098	X
	12	PWSC-56-2008-12	9-10-08	11:11	13:02	-30	-5	SV	TM	2.7	384	0357	X

***SAMPLE MATRIX CODES**

AA = Ambient Air (Indoor/Outdoor)
 SV = Soil Vapor/Landfill Gas/SVE
 Other = Please Specify

Container Type

15

Relinquished By:

Date/Time

Received By:

Date/Time:

Handwritten signatures and dates for Relinquished By, Received By, and Date/Time fields.

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

ALPHA ANALYTICAL

Eight Walkup Drive
Westborough, Massachusetts 01581-1019
(508) 898-9220 www.alphalab.com

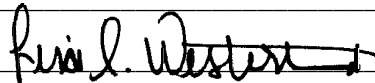
MA:M-MA086 NH:2003 CT:PH-0574 ME:MA0086 RI:LAO00065 NY:11148 NJ:MA935 Army:USACE

CERTIFICATE OF ANALYSIS

Client: P.W. Grosser Laboratory Job Number: L0813344
Address: 630 Johnson Avenue Date Received: 09-SEP-2008
Suite 7 Date Reported: 25-SEP-2008
Bohemia, NY 11716 Delivery Method: Alpha
Attn: Mr. Kris Almskog Site: AVALON BAY
Project Number: AVB0801

ALPHA SAMPLE NUMBER	CLIENT IDENTIFICATION	SAMPLE LOCATION
L0813344-01	FB090808	80 BANKS AVE., ROCKVILLE CENTRE
L0813344-02	TB090808-1	80 BANKS AVE., ROCKVILLE CENTRE
L0813344-03	TB090808-2	80 BANKS AVE., ROCKVILLE CENTRE
L0813344-04	PWG-DW-2008-01 (7.25-7.75')	80 BANKS AVE., ROCKVILLE CENTRE
L0813344-05	PWG-DW-2008-02 (5.25-5.75')	80 BANKS AVE., ROCKVILLE CENTRE
L0813344-06	PWG-DW-2008-03 (8.75-9.25')	80 BANKS AVE., ROCKVILLE CENTRE
L0813344-07	PWG-DW-2008-04 (7.25-7.75')	80 BANKS AVE., ROCKVILLE CENTRE
L0813344-08	PWG-DW-2008-05 (6.75-7.25')	80 BANKS AVE., ROCKVILLE CENTRE
L0813344-09	PWG-DW-2008-06 (6.75-7.25')	80 BANKS AVE., ROCKVILLE CENTRE
L0813344-10	PWG-DW-2008-07 (6.75-7.25')	80 BANKS AVE., ROCKVILLE CENTRE
L0813344-11	PWG-DW-2008-08 (5.25-5.75')	80 BANKS AVE., ROCKVILLE CENTRE
L0813344-12	PWG-DW-2008-09 (6.75-7.25')	80 BANKS AVE., ROCKVILLE CENTRE
L0813344-13	PWG-DW-2008-10 (6.25-6.75')	80 BANKS AVE., ROCKVILLE CENTRE
L0813344-14	PWG-DW-2008-11 (6.75-7.25')	80 BANKS AVE., ROCKVILLE CENTRE
L0813344-15	PWG-DW-2008-12 (7.25-7.75')	80 BANKS AVE., ROCKVILLE CENTRE
L0813344-16	PWG-DW-2008-13 (7.25-7.75')	80 BANKS AVE., ROCKVILLE CENTRE
L0813344-17	PWG-DW-2008-14 (6-6.5')	80 BANKS AVE., ROCKVILLE CENTRE
L0813344-18	PWG-DW-2008-15 (7-7.5')	80 BANKS AVE., ROCKVILLE CENTRE
L0813344-19	PWG-DW-2008-100 (7-7.5')	80 BANKS AVE., ROCKVILLE CENTRE
L0813344-20	PWG-LP-2008-01 (7.75-8.25')	80 BANKS AVE., ROCKVILLE CENTRE
L0813344-21	PWG-DW-2008-16 (5.5-6')	80 BANKS AVE., ROCKVILLE CENTRE
L0813344-22	PWG-DW-2008-17 (5.5-6')	80 BANKS AVE., ROCKVILLE CENTRE
L0813344-23	PWG-DW-2008-18 (4-4.5')	80 BANKS AVE., ROCKVILLE CENTRE
L0813344-24	PWG-DW-2008-19 (4.5-5')	80 BANKS AVE., ROCKVILLE CENTRE

I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized by: 
Technical Representative

ALPHA ANALYTICAL

Laboratory Job Number: L0813344
Date Reported: 25-SEP-2008

ALPHA SAMPLE NUMBER	CLIENT IDENTIFICATION	SAMPLE LOCATION
L0813344-25	PWG-DW-2008-20 (4.5-5')	80 BANKS AVE., ROCKVILLE CENTRE
L0813344-26	PWG-DW-2008-22 (5.25-5.75')	80 BANKS AVE., ROCKVILLE CENTRE
L0813344-27	PWG-DW-2008-23 (3-3.5')	80 BANKS AVE., ROCKVILLE CENTRE
L0813344-28	PWG-DW-2008-24 (6-6.5')	80 BANKS AVE., ROCKVILLE CENTRE
L0813344-29	PWG-DW-2008-25 (5.75-6.25')	80 BANKS AVE., ROCKVILLE CENTRE
L0813344-30	PWG-DW-2008-26 (4.25-4.75')	80 BANKS AVE., ROCKVILLE CENTRE

ALPHA ANALYTICAL
NARRATIVE REPORT

Laboratory Job Number: L0813344

Report Submission

This report replaces the report issued September 19, 2008. Upon review of the data validation package it was noticed that sample L0813344-22 for TPH-DRO-D was not properly integrated. The result for the TPH-DRO-D has been amended on L0813344-22.

The samples were received in accordance with the chain of custody and no significant deviations were encountered during preparation or analysis unless otherwise noted below.

Sample Receipt

At the client's request, sample "PWG-DW-2008-10 (6.25-6.75')" was taken off of hold and analyzed NYTCL-8260, NYTCL-8270/8270SIM, TPH-DRO-D, TAL METALS, and TS.

Metals

The following samples have elevated detection limits for Calcium due to the dilutions required to quantitate the results within the calibration range:

L0813344-05, -13: 5x

L0813344-21, -23: 10x

L0813344-26 and -29 have elevated detection limits for Thallium due to the 2x dilutions required by matrix interferences encountered during analysis.

L0813344-29 has an elevated detection limit for Aluminum due to the 2x dilution required to quantitate the result within the calibration range.

The WG335803-1 Laboratory Duplicate RPDs associated with L0813344-26 are outside the acceptance criteria for Aluminum (67%), Arsenic (157%), Chromium (156%), Copper (87%), Iron (153%), Manganese (39%), Nickel (87%), Vanadium (120%), and Zinc (53%). The elevated RPDs have been attributed to the non-homogenous nature of the sample utilized for the laboratory duplicate.

The WG335802-1 Laboratory Duplicate RPDs associated with L0813344-10 are outside the acceptance criteria for Aluminum (60%), Arsenic (38%), Barium (57%), Calcium (102%), Copper (83%), Iron (75%), Lead (74%), Magnesium (101%), Nickel (65%), Vanadium (73%), and Zinc (67%). The elevated RPDs have been attributed to the non-homogenous nature of the sample utilized for the laboratory duplicate.

The WG335803-2 MS recoveries associated with L0813344-26 are outside the acceptance criteria for Antimony (72%), Arsenic (0%), Beryllium (74%), Chromium (0%), Copper (57%), Manganese (40%), Nickel (72%), Vanadium (47%), and Zinc (43%). Post digestion spikes were performed with acceptable recoveries of 104%, 117%, 103%, 99%, 100%, 97%, 94%, 100%, and 97%, respectively. The MS recoveries for Aluminum (0%), Calcium (0%), Iron (0%), and Magnesium (0%) are invalid because the sample concentration is greater than four times the spike amount added.

ALPHA ANALYTICAL
NARRATIVE REPORT

Laboratory Job Number: L0813344

Continued

The WG336225-4 MS recovery for Mercury (0%) associated with L0813344-25 is invalid because the sample concentration is greater than four times the spike amount added.

The WG336007-1/-2 MS/MSD recoveries associated with L0813344-13 are outside the acceptance criteria for Antimony (64%/65%), Lead (MS at 137%), and Manganese (32%/40%). Post digestion spikes were performed with acceptable recoveries of 107%, 84%, and 101%, respectively. The MS/MSD recoveries for Aluminum (437%/308%), Calcium (0%/154%), Iron (1160%/0%), and Magnesium (0%/0%) are invalid because the sample concentration is greater than four times the spike amount added. In addition, the associated MS/MSD RPDs are above the acceptance criteria for Calcium (200%) and Iron (200%).

The WG335802-2/-3 MS/MSD recoveries associated with L0813344-10 are outside the acceptance criteria for Antimony (58%/71%), Copper (140%/160%), Lead (149%/181%), Thallium (MS at 73%), and Zinc (182%/246%). Post digestion spikes were performed with acceptable recoveries of 91%, 88%, 89%, 89%, respectively. The post digestion spike for Zinc had an unacceptable recovery of 67%; this has been attributed to the sample matrix. The MS/MSD recoveries for Aluminum (608%/693%), Calcium (0%/462%), Iron (4710%/2460%) and Magnesium (0%/0%) are invalid because the sample concentration is greater than four times the spike amount added. In addition, the MS/MSD RPDs are above the acceptance criteria for Calcium (200%) and Iron (63%).

The WG336055-3/-4 MS/MSD recoveries associated with L0813344-10 are above the acceptance criteria for Mercury (164%/160%). A post digestion spike was performed with an acceptable recovery of 98%.

The WG336007-3 Method Blank associated with L0813344-13 has a concentration above the reporting limit for Aluminum. Since the associated sample concentration is 10x the blank concentration for this analyte, no corrective action is required. The results of the original analysis are reported.

Volatile Organics

The surrogate recovery for L0813344-17 was outside the acceptance criteria for 4-Bromofluorobenzene (135%); however, re-analysis within the holding time holding time achieved similar results. The results of both analyses are reported.

The surrogate recovery for L0813344-27 is above the acceptance criteria for 4-Bromofluorobenzene (138%). Since the sample was non-detect for all target analytes, re-analysis is not required.

The WG336351-7/-8 MS/MSD recoveries are below the acceptance criteria for Chlorobenzene (53%/58%); however, the associated LCS recoveries are within criteria. No further action was required.

Semivolatile Organics

The following samples have elevated detection limits due to the dilutions required by the sample matrices:

ALPHA ANALYTICAL
NARRATIVE REPORT

Laboratory Job Number: L0813344

Continued

L0813344-05, -12, -13, -27, -30: 5x

L0813344-17, -22, -23, -24: 2x

L0813344-10 and -25 have elevated detection limits due to the 2x dilutions required by the matrix interferences encountered during the concentration of the samples and the 5x dilutions required by the sample matrices.

The WG335861-3 LCSD recovery associated with L0813344-13, -20, and -26 through 30 was above the acceptance criteria for 2,4-Dinitrotoluene (90%); however, the associated samples were non-detect for this target compound. The results of the original analysis are reported.

The WG335862-2 LCS recovery associated with L0813344-05 through -10, -12, -14 through -19, and -21 through -25 was above the acceptance criteria for 2,4-Dinitrotoluene (90%); however, the associated samples were non-detect for this target compound. The results of the original analysis are reported.

The WG335862-4/-5 MS/MSD recoveries associated with L0813344-10 were above the acceptance criteria for 2,4-Dinitrophenol (150%/150%) and Pentachlorophenol (150%/150%); however, the associated LCS/LCSD recoveries were within criteria.

The WG335862-5 MSD recovery associated with L0813344-10 was above the acceptance criteria for 2,4-Dinitrotoluene (90%); however, the associated samples were non-detect for this target compound. The results of the original analysis are reported. Semivolatile Organics-SIM

The following samples have elevated detection limits due to the dilutions required by the sample matrices:

L0813344-04, -06, -07, -08, -18, -19, -21, -28: 5x

L0813344-05, -12, -17, -22, -27, -30: 50x

L0813344-13: 10x

L0813344-14, -15, -26: 2x

L0813344-10 and -25 have elevated detection limits due to the 2x dilutions required by the matrix interferences encountered during the concentration of the samples and the 50x dilutions required by the sample matrices.

L0813344-23 has elevated detection limits due to the 5x dilution required by the matrix interferences encountered during the concentration of the sample and the 10x dilution required by the sample matrix.

The surrogate recoveries for L0813344-05, -10, -12, -17, -22, -23, -25, -27, and -30 are below the acceptance criteria for 2-Fluorophenol, Phenol-d6, Nitrobenzene-d5, 2-Fluorobiphenyl, 2,4,6-Tribromophenol, and 4-Terphenyl-d14 (all ND) due to the dilutions required to quantitate the samples. Re-extraction is not required; therefore, the results of the original analyses are reported.

The WG335863-4 MS recovery associated with L0813344-10 is below the acceptance criteria

ALPHA ANALYTICAL
NARRATIVE REPORT

Laboratory Job Number: L0813344

Continued

for 2-Chloronaphthalene (36%); however, the associated LCS recovery is within criteria. No further action was required.

The surrogate recoveries for WG335863-4/-5 MS/MSD are below the acceptance criteria for 2-Fluorophenol, Phenol-d6, Nitrobenzene-d5, 2-Fluorobiphenyl, 2,4,6-Tribromophenol, and 4-Terphenyl-d14 (all 0%) due to the dilutions required to quantitate the samples. Re-extraction is not required; therefore, the results of the original analysis are reported.

TPH-DRO

The following samples have elevated detection limits due to the dilutions required by matrix interferences encountered during the concentration of the samples:

L0813344-05, -27, -30: 5x

L0813344-10: 10x

L0813344-17 and -28 have elevated detection limits due to the 5x dilutions required by the elevated concentrations of target compounds in the samples.

L0813344-25 has an elevated detection limit due to the 5x dilution required by the matrix interferences encountered during the concentration of the sample and the 5x dilution required by the elevated concentrations of target compounds in the sample.

The WG335858-4/-5 MS/MSD recoveries associated with L0813344-10 are outside the acceptance criteria (0%/188%). The unacceptable percent recoveries are attributed to the elevated concentrations of target compounds present in the sample utilized for the MS/MSD. In addition, the associated MS/MSD RPD is above the acceptance criteria (200%).

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-01
FB090808

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0911 15:30 PD	
Styrene	ND	ug/l	1.0				
Dichlorodifluoromethane	ND	ug/l	5.0				
Acetone	ND	ug/l	5.0				
Carbon disulfide	ND	ug/l	5.0				
2-Butanone	ND	ug/l	5.0				
Vinyl acetate	ND	ug/l	5.0				
4-Methyl-2-pentanone	ND	ug/l	5.0				
2-Hexanone	ND	ug/l	5.0				
Bromochloromethane	ND	ug/l	2.5				
2,2-Dichloropropane	ND	ug/l	2.5				
1,2-Dibromoethane	ND	ug/l	2.0				
1,3-Dichloropropane	ND	ug/l	2.5				
1,1,1,2-Tetrachloroethane	ND	ug/l	0.50				
Bromobenzene	ND	ug/l	2.5				
n-Butylbenzene	ND	ug/l	0.50				
sec-Butylbenzene	ND	ug/l	0.50				
tert-Butylbenzene	ND	ug/l	2.5				
o-Chlorotoluene	ND	ug/l	2.5				
p-Chlorotoluene	ND	ug/l	2.5				
1,2-Dibromo-3-chloropropane	ND	ug/l	2.5				
Hexachlorobutadiene	ND	ug/l	0.60				
Isopropylbenzene	ND	ug/l	0.50				
p-Isopropyltoluene	ND	ug/l	0.50				
Naphthalene	ND	ug/l	2.5				
n-Propylbenzene	ND	ug/l	0.50				
1,2,3-Trichlorobenzene	ND	ug/l	2.5				
1,2,4-Trichlorobenzene	ND	ug/l	2.5				
1,3,5-Trimethylbenzene	ND	ug/l	2.5				
1,2,4-Trimethylbenzene	ND	ug/l	2.5				
1,4-Diethylbenzene	ND	ug/l	2.0				
4-Ethyltoluene	ND	ug/l	2.0				
1,2,4,5-Tetramethylbenzene	ND	ug/l	2.0				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	104	%		70-130			
Toluene-d8	100	%		70-130			
4-Bromofluorobenzene	106	%		70-130			
Dibromofluoromethane	95.0	%		70-130			

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS

MA:M-MA086 NH:2003 CT:PH-0574 ME:MA0086 RI:LAO00065 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0813344-02	Date Collected: 08-SEP-2008 16:50
TB090808-1	Date Received : 09-SEP-2008
Sample Matrix: WATER	Date Reported : 25-SEP-2008
Condition of Sample: Satisfactory	Field Prep: None
Number & Type of Containers: 2-Vial	

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP ANAL	ID
Volatile Organics by EPA 8260B				1 8260B	0911 16:07	PD
Methylene chloride	ND	ug/l	5.0			
1,1-Dichloroethane	ND	ug/l	0.75			
Chloroform	ND	ug/l	0.75			
Carbon tetrachloride	ND	ug/l	0.50			
1,2-Dichloropropane	ND	ug/l	1.8			
Dibromochloromethane	ND	ug/l	0.50			
1,1,2-Trichloroethane	ND	ug/l	0.75			
Tetrachloroethene	ND	ug/l	0.50			
Chlorobenzene	ND	ug/l	0.50			
Trichlorofluoromethane	ND	ug/l	2.5			
1,2-Dichloroethane	ND	ug/l	0.50			
1,1,1-Trichloroethane	ND	ug/l	0.50			
Bromodichloromethane	ND	ug/l	0.50			
trans-1,3-Dichloropropene	ND	ug/l	0.50			
cis-1,3-Dichloropropene	ND	ug/l	0.50			
1,1-Dichloropropene	ND	ug/l	2.5			
Bromoform	ND	ug/l	2.0			
1,1,2,2-Tetrachloroethane	ND	ug/l	0.50			
Benzene	ND	ug/l	0.50			
Toluene	ND	ug/l	0.75			
Ethylbenzene	ND	ug/l	0.50			
Chloromethane	ND	ug/l	2.5			
Bromomethane	ND	ug/l	1.0			
Vinyl chloride	ND	ug/l	1.0			
Chloroethane	ND	ug/l	1.0			
1,1-Dichloroethene	ND	ug/l	0.50			
trans-1,2-Dichloroethene	ND	ug/l	0.75			
Trichloroethene	ND	ug/l	0.50			
1,2-Dichlorobenzene	ND	ug/l	2.5			
1,3-Dichlorobenzene	ND	ug/l	2.5			
1,4-Dichlorobenzene	ND	ug/l	2.5			
Methyl tert butyl ether	ND	ug/l	1.0			
p/m-Xylene	ND	ug/l	1.0			
o-Xylene	ND	ug/l	1.0			
cis-1,2-Dichloroethene	ND	ug/l	0.50			
Dibromomethane	ND	ug/l	5.0			
1,2,3-Trichloropropane	ND	ug/l	5.0			
Acrylonitrile	ND	ug/l	5.0			

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-02
TB090808-1

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0911 16:07 PD	
Styrene	ND	ug/l	1.0				
Dichlorodifluoromethane	ND	ug/l	5.0				
Acetone	ND	ug/l	5.0				
Carbon disulfide	ND	ug/l	5.0				
2-Butanone	ND	ug/l	5.0				
Vinyl acetate	ND	ug/l	5.0				
4-Methyl-2-pentanone	ND	ug/l	5.0				
2-Hexanone	ND	ug/l	5.0				
Bromochloromethane	ND	ug/l	2.5				
2,2-Dichloropropane	ND	ug/l	2.5				
1,2-Dibromoethane	ND	ug/l	2.0				
1,3-Dichloropropane	ND	ug/l	2.5				
1,1,1,2-Tetrachloroethane	ND	ug/l	0.50				
Bromobenzene	ND	ug/l	2.5				
n-Butylbenzene	ND	ug/l	0.50				
sec-Butylbenzene	ND	ug/l	0.50				
tert-Butylbenzene	ND	ug/l	2.5				
o-Chlorotoluene	ND	ug/l	2.5				
p-Chlorotoluene	ND	ug/l	2.5				
1,2-Dibromo-3-chloropropane	ND	ug/l	2.5				
Hexachlorobutadiene	ND	ug/l	0.60				
Isopropylbenzene	ND	ug/l	0.50				
p-Isopropyltoluene	ND	ug/l	0.50				
Naphthalene	ND	ug/l	2.5				
n-Propylbenzene	ND	ug/l	0.50				
1,2,3-Trichlorobenzene	ND	ug/l	2.5				
1,2,4-Trichlorobenzene	ND	ug/l	2.5				
1,3,5-Trimethylbenzene	ND	ug/l	2.5				
1,2,4-Trimethylbenzene	ND	ug/l	2.5				
1,4-Diethylbenzene	ND	ug/l	2.0				
4-Ethyltoluene	ND	ug/l	2.0				
1,2,4,5-Tetramethylbenzene	ND	ug/l	2.0				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	104	%		70-130			
Toluene-d8	100	%		70-130			
4-Bromofluorobenzene	102	%		70-130			
Dibromofluoromethane	98.0	%		70-130			

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-03
TB090808-2

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0911 16:43 PD	
Styrene	ND	ug/l	1.0				
Dichlorodifluoromethane	ND	ug/l	5.0				
Acetone	ND	ug/l	5.0				
Carbon disulfide	ND	ug/l	5.0				
2-Butanone	ND	ug/l	5.0				
Vinyl acetate	ND	ug/l	5.0				
4-Methyl-2-pentanone	ND	ug/l	5.0				
2-Hexanone	ND	ug/l	5.0				
Bromochloromethane	ND	ug/l	2.5				
2,2-Dichloropropane	ND	ug/l	2.5				
1,2-Dibromoethane	ND	ug/l	2.0				
1,3-Dichloropropane	ND	ug/l	2.5				
1,1,1,2-Tetrachloroethane	ND	ug/l	0.50				
Bromobenzene	ND	ug/l	2.5				
n-Butylbenzene	ND	ug/l	0.50				
sec-Butylbenzene	ND	ug/l	0.50				
tert-Butylbenzene	ND	ug/l	2.5				
o-Chlorotoluene	ND	ug/l	2.5				
p-Chlorotoluene	ND	ug/l	2.5				
1,2-Dibromo-3-chloropropane	ND	ug/l	2.5				
Hexachlorobutadiene	ND	ug/l	0.60				
Isopropylbenzene	ND	ug/l	0.50				
p-Isopropyltoluene	ND	ug/l	0.50				
Naphthalene	ND	ug/l	2.5				
n-Propylbenzene	ND	ug/l	0.50				
1,2,3-Trichlorobenzene	ND	ug/l	2.5				
1,2,4-Trichlorobenzene	ND	ug/l	2.5				
1,3,5-Trimethylbenzene	ND	ug/l	2.5				
1,2,4-Trimethylbenzene	ND	ug/l	2.5				
1,4-Diethylbenzene	ND	ug/l	2.0				
4-Ethyltoluene	ND	ug/l	2.0				
1,2,4,5-Tetramethylbenzene	ND	ug/l	2.0				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	103	%		70-130			
Toluene-d8	100	%		70-130			
4-Bromofluorobenzene	104	%		70-130			
Dibromofluoromethane	97.0	%		70-130			

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-04
PWG-DW-2008-01 (7.25-7.75')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0911	18:29 PD
1,2-Dichloroethane	ND	ug/kg	3.0				
1,1,1-Trichloroethane	7.5	ug/kg	3.0				
Bromodichloromethane	ND	ug/kg	3.0				
trans-1,3-Dichloropropene	ND	ug/kg	3.0				
cis-1,3-Dichloropropene	ND	ug/kg	3.0				
1,1-Dichloropropene	ND	ug/kg	15.				
Bromoform	ND	ug/kg	12.				
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.0				
Benzene	ND	ug/kg	3.0				
Toluene	ND	ug/kg	4.5				
Ethylbenzene	ND	ug/kg	3.0				
Chloromethane	ND	ug/kg	15.				
Bromomethane	ND	ug/kg	6.0				
Vinyl chloride	ND	ug/kg	6.0				
Chloroethane	ND	ug/kg	6.0				
1,1-Dichloroethene	ND	ug/kg	3.0				
trans-1,2-Dichloroethene	ND	ug/kg	4.5				
Trichloroethene	ND	ug/kg	3.0				
1,2-Dichlorobenzene	ND	ug/kg	15.				
1,3-Dichlorobenzene	ND	ug/kg	15.				
1,4-Dichlorobenzene	ND	ug/kg	15.				
Methyl tert butyl ether	ND	ug/kg	6.0				
p/m-Xylene	ND	ug/kg	6.0				
o-Xylene	ND	ug/kg	6.0				
cis-1,2-Dichloroethene	ND	ug/kg	3.0				
Dibromomethane	ND	ug/kg	30.				
Styrene	ND	ug/kg	6.0				
Dichlorodifluoromethane	ND	ug/kg	30.				
Acetone	ND	ug/kg	30.				
Carbon disulfide	ND	ug/kg	30.				
2-Butanone	ND	ug/kg	30.				
Vinyl acetate	ND	ug/kg	30.				
4-Methyl-2-pentanone	ND	ug/kg	30.				
1,2,3-Trichloropropane	ND	ug/kg	30.				
2-Hexanone	ND	ug/kg	30.				
Bromochloromethane	ND	ug/kg	15.				
2,2-Dichloropropane	ND	ug/kg	15.				
1,2-Dibromoethane	ND	ug/kg	12.				
1,3-Dichloropropane	ND	ug/kg	15.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.0				
Bromobenzene	ND	ug/kg	15.				
n-Butylbenzene	ND	ug/kg	3.0				
sec-Butylbenzene	ND	ug/kg	3.0				
tert-Butylbenzene	ND	ug/kg	15.				
o-Chlorotoluene	ND	ug/kg	15.				
p-Chlorotoluene	ND	ug/kg	15.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	15.				
Hexachlorobutadiene	ND	ug/kg	15.				
Isopropylbenzene	ND	ug/kg	3.0				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-04
PWG-DW-2008-01 (7.25-7.75')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0911	18:29 PD
p-Isopropyltoluene	ND	ug/kg	3.0				
Naphthalene	ND	ug/kg	15.				
Acrylonitrile	ND	ug/kg	30.				
n-Propylbenzene	ND	ug/kg	3.0				
1,2,3-Trichlorobenzene	ND	ug/kg	15.				
1,2,4-Trichlorobenzene	ND	ug/kg	15.				
1,3,5-Trimethylbenzene	ND	ug/kg	15.				
1,2,4-Trimethylbenzene	ND	ug/kg	15.				
1,4-Diethylbenzene	ND	ug/kg	12.				
4-Ethyltoluene	ND	ug/kg	12.				
1,2,4,5-Tetramethylbenzene	ND	ug/kg	12.				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	106	%	70-130				
Toluene-d8	109	%	70-130				
4-Bromofluorobenzene	121	%	70-130				
Dibromofluoromethane	103	%	70-130				
Semivolatile Organics by EPA 8270C				1	8270C	0916	09:50 0916 17:35 PS
Acenaphthene	ND	ug/kg	400				
1,2,4-Trichlorobenzene	ND	ug/kg	400				
Hexachlorobenzene	ND	ug/kg	400				
Bis(2-chloroethyl)ether	ND	ug/kg	400				
2-Chloronaphthalene	ND	ug/kg	480				
1,2-Dichlorobenzene	ND	ug/kg	400				
1,3-Dichlorobenzene	ND	ug/kg	400				
1,4-Dichlorobenzene	ND	ug/kg	400				
3,3'-Dichlorobenzidine	ND	ug/kg	790				
2,4-Dinitrotoluene	ND	ug/kg	400				
2,6-Dinitrotoluene	ND	ug/kg	400				
Fluoranthene	ND	ug/kg	400				
4-Chlorophenyl phenyl ether	ND	ug/kg	400				
4-Bromophenyl phenyl ether	ND	ug/kg	400				
Bis(2-chloroisopropyl)ether	ND	ug/kg	400				
Bis(2-chloroethoxy)methane	ND	ug/kg	400				
Hexachlorobutadiene	ND	ug/kg	790				
Hexachlorocyclopentadiene	ND	ug/kg	790				
Hexachloroethane	ND	ug/kg	400				
Isophorone	ND	ug/kg	400				
Naphthalene	ND	ug/kg	400				
Nitrobenzene	ND	ug/kg	400				
NitrosoDiPhenylAmine(NDPA)/DPA	ND	ug/kg	1200				
n-Nitrosodi-n-propylamine	ND	ug/kg	400				
Bis(2-Ethylhexyl)phthalate	ND	ug/kg	790				
Butyl benzyl phthalate	ND	ug/kg	400				
Di-n-butylphthalate	ND	ug/kg	400				
Di-n-octylphthalate	ND	ug/kg	400				
Diethyl phthalate	ND	ug/kg	400				
Dimethyl phthalate	ND	ug/kg	400				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-04
PWG-DW-2008-01 (7.25-7.75')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C cont'd				1	8270C	0916 09:50	0916 17:35 PS
Benzo(a)anthracene	ND	ug/kg	400				
Benzo(a)pyrene	ND	ug/kg	400				
Benzo(b)fluoranthene	ND	ug/kg	400				
Benzo(k)fluoranthene	ND	ug/kg	400				
Chrysene	ND	ug/kg	400				
Acenaphthylene	ND	ug/kg	400				
Anthracene	ND	ug/kg	400				
Benzo(ghi)perylene	ND	ug/kg	400				
Fluorene	ND	ug/kg	400				
Phenanthrene	ND	ug/kg	400				
Dibenzo(a,h)anthracene	ND	ug/kg	400				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	400				
Pyrene	ND	ug/kg	400				
Biphenyl	ND	ug/kg	400				
4-Chloroaniline	ND	ug/kg	400				
2-Nitroaniline	ND	ug/kg	400				
3-Nitroaniline	ND	ug/kg	400				
4-Nitroaniline	ND	ug/kg	560				
Dibenzofuran	ND	ug/kg	400				
2-Methylnaphthalene	ND	ug/kg	400				
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	1600				
Acetophenone	ND	ug/kg	1600				
2,4,6-Trichlorophenol	ND	ug/kg	400				
p-Chloro-M-Cresol	ND	ug/kg	400				
2-Chlorophenol	ND	ug/kg	480				
2,4-Dichlorophenol	ND	ug/kg	790				
2,4-Dimethylphenol	ND	ug/kg	400				
2-Nitrophenol	ND	ug/kg	1600				
4-Nitrophenol	ND	ug/kg	790				
2,4-Dinitrophenol	ND	ug/kg	1600				
4,6-Dinitro-o-cresol	ND	ug/kg	1600				
Pentachlorophenol	ND	ug/kg	1600				
Phenol	ND	ug/kg	560				
2-Methylphenol	ND	ug/kg	480				
3-Methylphenol/4-Methylphenol	ND	ug/kg	480				
2,4,5-Trichlorophenol	ND	ug/kg	400				
Benzoic Acid	ND	ug/kg	4000				
Benzyl Alcohol	ND	ug/kg	790				
Carbazole	ND	ug/kg	400				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	89.0	%	25-120				
Phenol-d6	90.0	%	10-120				
Nitrobenzene-d5	73.0	%	23-120				
2-Fluorobiphenyl	76.0	%	30-120				
2,4,6-Tribromophenol	104	%	19-120				
4-Terphenyl-d14	82.0	%	18-120				
Semivolatile Organics by EPA 8270C-SIM				1	8270C	0911 03:30	0912 21:07 AK

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-04
PWG-DW-2008-01 (7.25-7.75')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C-SIM cont'd				1	8270C	0911 03:30	0912 21:07 AK
Acenaphthene	ND	ug/kg	79.				
2-Chloronaphthalene	ND	ug/kg	79.				
Fluoranthene	170	ug/kg	79				
Hexachlorobutadiene	ND	ug/kg	200				
Naphthalene	ND	ug/kg	79.				
Benzo(a)anthracene	ND	ug/kg	79.				
Benzo(a)pyrene	ND	ug/kg	79.				
Benzo(b)fluoranthene	ND	ug/kg	79.				
Benzo(k)fluoranthene	ND	ug/kg	79.				
Chrysene	ND	ug/kg	79.				
Acenaphthylene	ND	ug/kg	79.				
Anthracene	ND	ug/kg	79.				
Benzo(ghi)perylene	ND	ug/kg	79.				
Fluorene	ND	ug/kg	79.				
Phenanthrene	ND	ug/kg	79.				
Dibenzo(a,h)anthracene	ND	ug/kg	79.				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	79.				
Pyrene	170	ug/kg	79				
2-Methylnaphthalene	ND	ug/kg	79.				
Pentachlorophenol	ND	ug/kg	320				
Hexachlorobenzene	ND	ug/kg	320				
Hexachloroethane	ND	ug/kg	320				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	31.0	%	25-120				
Phenol-d6	32.0	%	10-120				
Nitrobenzene-d5	26.0	%	23-120				
2-Fluorobiphenyl	31.0	%	30-120				
2,4,6-Tribromophenol	42.0	%	19-120				
4-Terphenyl-d14	37.0	%	18-120				
Petroleum Hydrocarbon Quantitation by GC-FID				1	8015B(M)	0911 00:15	0912 02:03 RT
TPH	73100	ug/kg	39700				
Surrogate(s)	Recovery		QC Criteria				
o-Terphenyl	72.0	%	40-140				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-05
PWG-DW-2008-02 (5.25-5.75')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0911 19:05 PD	
1,2-Dichloroethane	ND	ug/kg	3.2				
1,1,1-Trichloroethane	9.5	ug/kg	3.2				
Bromodichloromethane	ND	ug/kg	3.2				
trans-1,3-Dichloropropene	ND	ug/kg	3.2				
cis-1,3-Dichloropropene	ND	ug/kg	3.2				
1,1-Dichloropropene	ND	ug/kg	16.				
Bromoform	ND	ug/kg	13.				
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.2				
Benzene	ND	ug/kg	3.2				
Toluene	ND	ug/kg	4.7				
Ethylbenzene	ND	ug/kg	3.2				
Chloromethane	ND	ug/kg	16.				
Bromomethane	ND	ug/kg	6.3				
Vinyl chloride	ND	ug/kg	6.3				
Chloroethane	ND	ug/kg	6.3				
1,1-Dichloroethene	ND	ug/kg	3.2				
trans-1,2-Dichloroethene	ND	ug/kg	4.7				
Trichloroethene	ND	ug/kg	3.2				
1,2-Dichlorobenzene	ND	ug/kg	16.				
1,3-Dichlorobenzene	ND	ug/kg	16.				
1,4-Dichlorobenzene	ND	ug/kg	16.				
Methyl tert butyl ether	ND	ug/kg	6.3				
p/m-Xylene	ND	ug/kg	6.3				
o-Xylene	ND	ug/kg	6.3				
cis-1,2-Dichloroethene	ND	ug/kg	3.2				
Dibromomethane	ND	ug/kg	32.				
Styrene	ND	ug/kg	6.3				
Dichlorodifluoromethane	ND	ug/kg	32.				
Acetone	ND	ug/kg	32.				
Carbon disulfide	ND	ug/kg	32.				
2-Butanone	ND	ug/kg	32.				
Vinyl acetate	ND	ug/kg	32.				
4-Methyl-2-pentanone	ND	ug/kg	32.				
1,2,3-Trichloropropane	ND	ug/kg	32.				
2-Hexanone	ND	ug/kg	32.				
Bromochloromethane	ND	ug/kg	16.				
2,2-Dichloropropane	ND	ug/kg	16.				
1,2-Dibromoethane	ND	ug/kg	13.				
1,3-Dichloropropane	ND	ug/kg	16.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.2				
Bromobenzene	ND	ug/kg	16.				
n-Butylbenzene	ND	ug/kg	3.2				
sec-Butylbenzene	ND	ug/kg	3.2				
tert-Butylbenzene	ND	ug/kg	16.				
o-Chlorotoluene	ND	ug/kg	16.				
p-Chlorotoluene	ND	ug/kg	16.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	16.				
Hexachlorobutadiene	ND	ug/kg	16.				
Isopropylbenzene	ND	ug/kg	3.2				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-05
PWG-DW-2008-02 (5.25-5.75')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0911 19:05	PD
p-Isopropyltoluene	ND	ug/kg	3.2				
Naphthalene	ND	ug/kg	16.				
Acrylonitrile	ND	ug/kg	32.				
n-Propylbenzene	ND	ug/kg	3.2				
1,2,3-Trichlorobenzene	ND	ug/kg	16.				
1,2,4-Trichlorobenzene	ND	ug/kg	16.				
1,3,5-Trimethylbenzene	ND	ug/kg	16.				
1,2,4-Trimethylbenzene	ND	ug/kg	16.				
1,4-Diethylbenzene	ND	ug/kg	13.				
4-Ethyltoluene	ND	ug/kg	13.				
1,2,4,5-Tetramethylbenzene	ND	ug/kg	13.				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	106	%	70-130				
Toluene-d8	105	%	70-130				
4-Bromofluorobenzene	120	%	70-130				
Dibromofluoromethane	99.0	%	70-130				
Semivolatile Organics by EPA 8270C				1	8270C	0911 03:30	0913 00:35 PS
Acenaphthene	ND	ug/kg	2100				
1,2,4-Trichlorobenzene	ND	ug/kg	2100				
Hexachlorobenzene	ND	ug/kg	2100				
Bis(2-chloroethyl)ether	ND	ug/kg	2100				
2-Chloronaphthalene	ND	ug/kg	2500				
1,2-Dichlorobenzene	ND	ug/kg	2100				
1,3-Dichlorobenzene	ND	ug/kg	2100				
1,4-Dichlorobenzene	ND	ug/kg	2100				
3,3'-Dichlorobenzidine	ND	ug/kg	4200				
2,4-Dinitrotoluene	ND	ug/kg	2100				
2,6-Dinitrotoluene	ND	ug/kg	2100				
Fluoranthene	ND	ug/kg	2100				
4-Chlorophenyl phenyl ether	ND	ug/kg	2100				
4-Bromophenyl phenyl ether	ND	ug/kg	2100				
Bis(2-chloroisopropyl)ether	ND	ug/kg	2100				
Bis(2-chloroethoxy)methane	ND	ug/kg	2100				
Hexachlorobutadiene	ND	ug/kg	4200				
Hexachlorocyclopentadiene	ND	ug/kg	4200				
Hexachloroethane	ND	ug/kg	2100				
Isophorone	ND	ug/kg	2100				
Naphthalene	ND	ug/kg	2100				
Nitrobenzene	ND	ug/kg	2100				
NitrosoDiPhenylAmine(NDPA)/DPA	ND	ug/kg	6300				
n-Nitrosodi-n-propylamine	ND	ug/kg	2100				
Bis(2-Ethylhexyl)phthalate	ND	ug/kg	4200				
Butyl benzyl phthalate	ND	ug/kg	2100				
Di-n-butylphthalate	ND	ug/kg	2100				
Di-n-octylphthalate	ND	ug/kg	2100				
Diethyl phthalate	ND	ug/kg	2100				
Dimethyl phthalate	ND	ug/kg	2100				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-05
PWG-DW-2008-02 (5.25-5.75')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C cont'd				1	8270C	0911 03:30	0913 00:35 PS
Benzo(a)anthracene	ND	ug/kg	2100				
Benzo(a)pyrene	ND	ug/kg	2100				
Benzo(b)fluoranthene	ND	ug/kg	2100				
Benzo(k)fluoranthene	ND	ug/kg	2100				
Chrysene	ND	ug/kg	2100				
Acenaphthylene	ND	ug/kg	2100				
Anthracene	ND	ug/kg	2100				
Benzo(ghi)perylene	ND	ug/kg	2100				
Fluorene	ND	ug/kg	2100				
Phenanthrene	ND	ug/kg	2100				
Dibenzo(a,h)anthracene	ND	ug/kg	2100				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	2100				
Pyrene	ND	ug/kg	2100				
Biphenyl	ND	ug/kg	2100				
4-Chloroaniline	ND	ug/kg	2100				
2-Nitroaniline	ND	ug/kg	2100				
3-Nitroaniline	ND	ug/kg	2100				
4-Nitroaniline	ND	ug/kg	3000				
Dibenzofuran	ND	ug/kg	2100				
2-Methylnaphthalene	ND	ug/kg	2100				
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	8400				
Acetophenone	ND	ug/kg	8400				
2,4,6-Trichlorophenol	ND	ug/kg	2100				
p-Chloro-M-Cresol	ND	ug/kg	2100				
2-Chlorophenol	ND	ug/kg	2500				
2,4-Dichlorophenol	ND	ug/kg	4200				
2,4-Dimethylphenol	ND	ug/kg	2100				
2-Nitrophenol	ND	ug/kg	8400				
4-Nitrophenol	ND	ug/kg	4200				
2,4-Dinitrophenol	ND	ug/kg	8400				
4,6-Dinitro-o-cresol	ND	ug/kg	8400				
Pentachlorophenol	ND	ug/kg	8400				
Phenol	ND	ug/kg	3000				
2-Methylphenol	ND	ug/kg	2500				
3-Methylphenol/4-Methylphenol	ND	ug/kg	2500				
2,4,5-Trichlorophenol	ND	ug/kg	2100				
Benzoic Acid	ND	ug/kg	21000				
Benzyl Alcohol	ND	ug/kg	4200				
Carbazole	ND	ug/kg	2100				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	46.0	%	25-120				
Phenol-d6	50.0	%	10-120				
Nitrobenzene-d5	43.0	%	23-120				
2-Fluorobiphenyl	50.0	%	30-120				
2,4,6-Tribromophenol	62.0	%	19-120				
4-Terphenyl-d14	48.0	%	18-120				
Semivolatile Organics by EPA 8270C-SIM				1	8270C	0911 03:30	0912 21:54 AK

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-05
PWG-DW-2008-02 (5.25-5.75')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C-SIM cont'd				1	8270C	0911 03:30	0912 21:54 AK
Acenaphthene	ND	ug/kg	840				
2-Chloronaphthalene	ND	ug/kg	840				
Fluoranthene	ND	ug/kg	840				
Hexachlorobutadiene	ND	ug/kg	2100				
Naphthalene	ND	ug/kg	840				
Benzo(a)anthracene	ND	ug/kg	840				
Benzo(a)pyrene	ND	ug/kg	840				
Benzo(b)fluoranthene	ND	ug/kg	840				
Benzo(k)fluoranthene	ND	ug/kg	840				
Chrysene	ND	ug/kg	840				
Acenaphthylene	ND	ug/kg	840				
Anthracene	ND	ug/kg	840				
Benzo(ghi)perylene	ND	ug/kg	840				
Fluorene	ND	ug/kg	840				
Phenanthrene	ND	ug/kg	840				
Dibenzo(a,h)anthracene	ND	ug/kg	840				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	840				
Pyrene	ND	ug/kg	840				
2-Methylnaphthalene	ND	ug/kg	840				
Pentachlorophenol	ND	ug/kg	3400				
Hexachlorobenzene	ND	ug/kg	3400				
Hexachloroethane	ND	ug/kg	3400				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	ND	%	25-120				
Phenol-d6	ND	%	10-120				
Nitrobenzene-d5	ND	%	23-120				
2-Fluorobiphenyl	ND	%	30-120				
2,4,6-Tribromophenol	ND	%	19-120				
4-Terphenyl-d14	ND	%	18-120				
Petroleum Hydrocarbon Quantitation by GC-FID				1	8015B(M)	0911 00:15	0912 02:37 RT
TPH	ND	ug/kg	211000				
Surrogate(s)	Recovery		QC Criteria				
o-Terphenyl	85.0	%	40-140				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

MA:M-MA086 NH:2003 CT:PH-0574 ME:MA0086 RI:LAO00065 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0813344-06 **Date Collected:** 08-SEP-2008 09:45
PWG-DW-2008-03 (8.75-9.25') **Date Received :** 09-SEP-2008
Sample Matrix: SOIL **Date Reported :** 25-SEP-2008
Condition of Sample: Satisfactory **Field Prep:** None
Number & Type of Containers: 3-Amber,1-Vial

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Solids, Total	80	%	0.10	30 2540G	0910	18:40	NM
Total Metals							
Aluminum, Total	1300	mg/kg	5.8	1 6010B	0910	13:30	0911 14:19 AI
Antimony, Total	ND	mg/kg	2.9	1 6010B	0910	13:30	0911 14:19 AI
Arsenic, Total	0.69	mg/kg	0.58	1 6010B	0910	13:30	0911 14:19 AI
Barium, Total	5.2	mg/kg	0.58	1 6010B	0910	13:30	0911 14:19 AI
Beryllium, Total	ND	mg/kg	0.29	1 6010B	0910	13:30	0911 14:19 AI
Cadmium, Total	ND	mg/kg	0.58	1 6010B	0910	13:30	0911 14:19 AI
Calcium, Total	560	mg/kg	5.8	1 6010B	0910	13:30	0911 14:19 AI
Chromium, Total	2.7	mg/kg	0.58	1 6010B	0910	13:30	0911 14:19 AI
Cobalt, Total	ND	mg/kg	1.2	1 6010B	0910	13:30	0911 14:19 AI
Copper, Total	4.6	mg/kg	0.58	1 6010B	0910	13:30	0911 14:19 AI
Iron, Total	1800	mg/kg	2.9	1 6010B	0910	13:30	0911 14:19 AI
Lead, Total	30	mg/kg	2.9	1 6010B	0910	13:30	0911 14:19 AI
Magnesium, Total	520	mg/kg	5.8	1 6010B	0910	13:30	0911 14:19 AI
Manganese, Total	13	mg/kg	0.58	1 6010B	0910	13:30	0911 14:19 AI
Mercury, Total	ND	mg/kg	0.09	1 7471A	0911	23:30	0912 14:13 RC
Nickel, Total	2.0	mg/kg	1.4	1 6010B	0910	13:30	0911 14:19 AI
Potassium, Total	ND	mg/kg	140	1 6010B	0910	13:30	0911 14:19 AI
Selenium, Total	ND	mg/kg	1.2	1 6010B	0910	13:30	0911 14:19 AI
Silver, Total	ND	mg/kg	0.58	1 6010B	0910	13:30	0911 14:19 AI
Sodium, Total	ND	mg/kg	120	1 6010B	0910	13:30	0911 14:19 AI
Thallium, Total	ND	mg/kg	1.2	1 6010B	0910	13:30	0911 14:19 AI
Vanadium, Total	4.1	mg/kg	0.58	1 6010B	0910	13:30	0911 14:19 AI
Zinc, Total	29	mg/kg	2.9	1 6010B	0910	13:30	0911 14:19 AI
Volatile Organics by EPA 8260B							
Methylene chloride	ND	ug/kg	31.	1 8260B	0911	19:42	PD
1,1-Dichloroethane	7.2	ug/kg	4.7				
Chloroform	ND	ug/kg	4.7				
Carbon tetrachloride	ND	ug/kg	3.1				
1,2-Dichloropropane	ND	ug/kg	11.				
Dibromochloromethane	ND	ug/kg	3.1				
1,1,2-Trichloroethane	ND	ug/kg	4.7				
Tetrachloroethene	7.6	ug/kg	3.1				
Chlorobenzene	ND	ug/kg	3.1				
Trichlorofluoromethane	ND	ug/kg	16.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-06
PWG-DW-2008-03 (8.75-9.25')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0911 19:42 PD	
1,2-Dichloroethane	ND	ug/kg	3.1				
1,1,1-Trichloroethane	13	ug/kg	3.1				
Bromodichloromethane	ND	ug/kg	3.1				
trans-1,3-Dichloropropene	ND	ug/kg	3.1				
cis-1,3-Dichloropropene	ND	ug/kg	3.1				
1,1-Dichloropropene	ND	ug/kg	16.				
Bromoform	ND	ug/kg	12.				
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.1				
Benzene	ND	ug/kg	3.1				
Toluene	ND	ug/kg	4.7				
Ethylbenzene	ND	ug/kg	3.1				
Chloromethane	ND	ug/kg	16.				
Bromomethane	ND	ug/kg	6.2				
Vinyl chloride	ND	ug/kg	6.2				
Chloroethane	ND	ug/kg	6.2				
1,1-Dichloroethene	ND	ug/kg	3.1				
trans-1,2-Dichloroethene	ND	ug/kg	4.7				
Trichloroethene	ND	ug/kg	3.1				
1,2-Dichlorobenzene	ND	ug/kg	16.				
1,3-Dichlorobenzene	ND	ug/kg	16.				
1,4-Dichlorobenzene	ND	ug/kg	16.				
Methyl tert butyl ether	ND	ug/kg	6.2				
p/m-Xylene	ND	ug/kg	6.2				
o-Xylene	ND	ug/kg	6.2				
cis-1,2-Dichloroethene	4.4	ug/kg	3.1				
Dibromomethane	ND	ug/kg	31.				
Styrene	ND	ug/kg	6.2				
Dichlorodifluoromethane	ND	ug/kg	31.				
Acetone	ND	ug/kg	31.				
Carbon disulfide	ND	ug/kg	31.				
2-Butanone	ND	ug/kg	31.				
Vinyl acetate	ND	ug/kg	31.				
4-Methyl-2-pentanone	ND	ug/kg	31.				
1,2,3-Trichloropropane	ND	ug/kg	31.				
2-Hexanone	ND	ug/kg	31.				
Bromochloromethane	ND	ug/kg	16.				
2,2-Dichloropropane	ND	ug/kg	16.				
1,2-Dibromoethane	ND	ug/kg	12.				
1,3-Dichloropropane	ND	ug/kg	16.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.1				
Bromobenzene	ND	ug/kg	16.				
n-Butylbenzene	ND	ug/kg	3.1				
sec-Butylbenzene	ND	ug/kg	3.1				
tert-Butylbenzene	ND	ug/kg	16.				
o-Chlorotoluene	ND	ug/kg	16.				
p-Chlorotoluene	ND	ug/kg	16.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	16.				
Hexachlorobutadiene	ND	ug/kg	16.				
Isopropylbenzene	ND	ug/kg	3.1				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-06
PWG-DW-2008-03 (8.75-9.25')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0911 19:42	PD
p-Isopropyltoluene	ND	ug/kg	3.1				
Naphthalene	ND	ug/kg	16.				
Acrylonitrile	ND	ug/kg	31.				
n-Propylbenzene	ND	ug/kg	3.1				
1,2,3-Trichlorobenzene	ND	ug/kg	16.				
1,2,4-Trichlorobenzene	ND	ug/kg	16.				
1,3,5-Trimethylbenzene	ND	ug/kg	16.				
1,2,4-Trimethylbenzene	ND	ug/kg	16.				
1,4-Diethylbenzene	ND	ug/kg	12.				
4-Ethyltoluene	ND	ug/kg	12.				
1,2,4,5-Tetramethylbenzene	ND	ug/kg	12.				
Surrogate(s)	Recovery						QC Criteria
1,2-Dichloroethane-d4	94.0	%					70-130
Toluene-d8	94.0	%					70-130
4-Bromofluorobenzene	113	%					70-130
Dibromofluoromethane	89.0	%					70-130
Semivolatile Organics by EPA 8270C				1	8270C	0911 03:30	0912 18:59 PS
Acenaphthene	ND	ug/kg	420				
1,2,4-Trichlorobenzene	ND	ug/kg	420				
Hexachlorobenzene	ND	ug/kg	420				
Bis(2-chloroethyl)ether	ND	ug/kg	420				
2-Chloronaphthalene	ND	ug/kg	500				
1,2-Dichlorobenzene	ND	ug/kg	420				
1,3-Dichlorobenzene	ND	ug/kg	420				
1,4-Dichlorobenzene	ND	ug/kg	420				
3,3'-Dichlorobenzidine	ND	ug/kg	830				
2,4-Dinitrotoluene	ND	ug/kg	420				
2,6-Dinitrotoluene	ND	ug/kg	420				
Fluoranthene	ND	ug/kg	420				
4-Chlorophenyl phenyl ether	ND	ug/kg	420				
4-Bromophenyl phenyl ether	ND	ug/kg	420				
Bis(2-chloroisopropyl)ether	ND	ug/kg	420				
Bis(2-chloroethoxy)methane	ND	ug/kg	420				
Hexachlorobutadiene	ND	ug/kg	830				
Hexachlorocyclopentadiene	ND	ug/kg	830				
Hexachloroethane	ND	ug/kg	420				
Isophorone	ND	ug/kg	420				
Naphthalene	ND	ug/kg	420				
Nitrobenzene	ND	ug/kg	420				
NitrosoDiPhenylAmine(NDPA)/DPA	ND	ug/kg	1200				
n-Nitrosodi-n-propylamine	ND	ug/kg	420				
Bis(2-Ethylhexyl)phthalate	ND	ug/kg	830				
Butyl benzyl phthalate	ND	ug/kg	420				
Di-n-butylphthalate	ND	ug/kg	420				
Di-n-octylphthalate	ND	ug/kg	420				
Diethyl phthalate	ND	ug/kg	420				
Dimethyl phthalate	ND	ug/kg	420				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-06
PWG-DW-2008-03 (8.75-9.25')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C cont'd				1	8270C	0911 03:30	0912 18:59 PS
Benzo(a)anthracene	ND	ug/kg	420				
Benzo(a)pyrene	ND	ug/kg	420				
Benzo(b)fluoranthene	ND	ug/kg	420				
Benzo(k)fluoranthene	ND	ug/kg	420				
Chrysene	ND	ug/kg	420				
Acenaphthylene	ND	ug/kg	420				
Anthracene	ND	ug/kg	420				
Benzo(ghi)perylene	ND	ug/kg	420				
Fluorene	ND	ug/kg	420				
Phenanthrene	ND	ug/kg	420				
Dibenzo(a,h)anthracene	ND	ug/kg	420				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	420				
Pyrene	ND	ug/kg	420				
Biphenyl	ND	ug/kg	420				
4-Chloroaniline	ND	ug/kg	420				
2-Nitroaniline	ND	ug/kg	420				
3-Nitroaniline	ND	ug/kg	420				
4-Nitroaniline	ND	ug/kg	580				
Dibenzofuran	ND	ug/kg	420				
2-Methylnaphthalene	ND	ug/kg	420				
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	1700				
Acetophenone	ND	ug/kg	1700				
2,4,6-Trichlorophenol	ND	ug/kg	420				
p-Chloro-M-Cresol	ND	ug/kg	420				
2-Chlorophenol	ND	ug/kg	500				
2,4-Dichlorophenol	ND	ug/kg	830				
2,4-Dimethylphenol	ND	ug/kg	420				
2-Nitrophenol	ND	ug/kg	1700				
4-Nitrophenol	ND	ug/kg	830				
2,4-Dinitrophenol	ND	ug/kg	1700				
4,6-Dinitro-o-cresol	ND	ug/kg	1700				
Pentachlorophenol	ND	ug/kg	1700				
Phenol	ND	ug/kg	580				
2-Methylphenol	ND	ug/kg	500				
3-Methylphenol/4-Methylphenol	ND	ug/kg	500				
2,4,5-Trichlorophenol	ND	ug/kg	420				
Benzoic Acid	ND	ug/kg	4200				
Benzyl Alcohol	ND	ug/kg	830				
Carbazole	ND	ug/kg	420				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	45.0	%	25-120				
Phenol-d6	44.0	%	10-120				
Nitrobenzene-d5	40.0	%	23-120				
2-Fluorobiphenyl	44.0	%	30-120				
2,4,6-Tribromophenol	68.0	%	19-120				
4-Terphenyl-d14	51.0	%	18-120				
Semivolatile Organics by EPA 8270C-SIM				1	8270C	0911 03:30	0912 22:40 AK

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-06
PWG-DW-2008-03 (8.75-9.25')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C-SIM cont'd				1	8270C	0911 03:30	0912 22:40 AK
Acenaphthene	ND	ug/kg	83.				
2-Chloronaphthalene	ND	ug/kg	83.				
Fluoranthene	ND	ug/kg	83.				
Hexachlorobutadiene	ND	ug/kg	210				
Naphthalene	ND	ug/kg	83.				
Benzo(a)anthracene	ND	ug/kg	83.				
Benzo(a)pyrene	ND	ug/kg	83.				
Benzo(b)fluoranthene	ND	ug/kg	83.				
Benzo(k)fluoranthene	ND	ug/kg	83.				
Chrysene	ND	ug/kg	83.				
Acenaphthylene	ND	ug/kg	83.				
Anthracene	ND	ug/kg	83.				
Benzo(ghi)perylene	ND	ug/kg	83.				
Fluorene	ND	ug/kg	83.				
Phenanthrene	ND	ug/kg	83.				
Dibenzo(a,h)anthracene	ND	ug/kg	83.				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	83.				
Pyrene	ND	ug/kg	83.				
2-Methylnaphthalene	ND	ug/kg	83.				
Pentachlorophenol	ND	ug/kg	330				
Hexachlorobenzene	ND	ug/kg	330				
Hexachloroethane	ND	ug/kg	330				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	46.0	%	25-120				
Phenol-d6	50.0	%	10-120				
Nitrobenzene-d5	41.0	%	23-120				
2-Fluorobiphenyl	52.0	%	30-120				
2,4,6-Tribromophenol	67.0	%	19-120				
4-Terphenyl-d14	59.0	%	18-120				
Petroleum Hydrocarbon Quantitation by GC-FID				1	8015B(M)	0911 00:15	0912 03:12 RT
TPH	374000	ug/kg	41700				
Surrogate(s)	Recovery		QC Criteria				
o-Terphenyl	78.0	%	40-140				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

MA:M-MA086 NH:2003 CT:PH-0574 ME:MA0086 RI:LAO00065 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0813344-07 Date Collected: 08-SEP-2008 10:00
 PWG-DW-2008-04 (7.25-7.75') Date Received : 09-SEP-2008
 Sample Matrix: SOIL Date Reported : 25-SEP-2008
 Condition of Sample: Satisfactory Field Prep: None
 Number & Type of Containers: 3-Amber,1-Vial

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Solids, Total	77	%	0.10	30 2540G	0910 18:40		NM
Total Metals							
Aluminum, Total	1400	mg/kg	6.4	1 6010B	0910 13:30	0911 14:23	AI
Antimony, Total	ND	mg/kg	3.2	1 6010B	0910 13:30	0911 14:23	AI
Arsenic, Total	0.84	mg/kg	0.64	1 6010B	0910 13:30	0911 14:23	AI
Barium, Total	9.7	mg/kg	0.64	1 6010B	0910 13:30	0911 14:23	AI
Beryllium, Total	ND	mg/kg	0.32	1 6010B	0910 13:30	0911 14:23	AI
Cadmium, Total	ND	mg/kg	0.64	1 6010B	0910 13:30	0911 14:23	AI
Calcium, Total	3600	mg/kg	6.4	1 6010B	0910 13:30	0911 14:23	AI
Chromium, Total	3.6	mg/kg	0.64	1 6010B	0910 13:30	0911 14:23	AI
Cobalt, Total	ND	mg/kg	1.3	1 6010B	0910 13:30	0911 14:23	AI
Copper, Total	5.1	mg/kg	0.64	1 6010B	0910 13:30	0911 14:23	AI
Iron, Total	3000	mg/kg	3.2	1 6010B	0910 13:30	0911 14:23	AI
Lead, Total	35	mg/kg	3.2	1 6010B	0910 13:30	0911 14:23	AI
Magnesium, Total	2100	mg/kg	6.4	1 6010B	0910 13:30	0911 14:23	AI
Manganese, Total	20	mg/kg	0.64	1 6010B	0910 13:30	0911 14:23	AI
Mercury, Total	ND	mg/kg	0.09	1 7471A	0911 23:30	0912 14:15	RC
Nickel, Total	2.1	mg/kg	1.6	1 6010B	0910 13:30	0911 14:23	AI
Potassium, Total	ND	mg/kg	160	1 6010B	0910 13:30	0911 14:23	AI
Selenium, Total	ND	mg/kg	1.3	1 6010B	0910 13:30	0911 14:23	AI
Silver, Total	ND	mg/kg	0.64	1 6010B	0910 13:30	0911 14:23	AI
Sodium, Total	ND	mg/kg	130	1 6010B	0910 13:30	0911 14:23	AI
Thallium, Total	ND	mg/kg	1.3	1 6010B	0910 13:30	0911 14:23	AI
Vanadium, Total	5.6	mg/kg	0.64	1 6010B	0910 13:30	0911 14:23	AI
Zinc, Total	45	mg/kg	3.2	1 6010B	0910 13:30	0911 14:23	AI
Volatile Organics by EPA 8260B							
Methylene chloride	ND	ug/kg	32.	1 8260B	0911 20:19		PD
1,1-Dichloroethane	ND	ug/kg	4.9				
Chloroform	ND	ug/kg	4.9				
Carbon tetrachloride	ND	ug/kg	3.2				
1,2-Dichloropropane	ND	ug/kg	11.				
Dibromochloromethane	ND	ug/kg	3.2				
1,1,2-Trichloroethane	ND	ug/kg	4.9				
Tetrachloroethene	ND	ug/kg	3.2				
Chlorobenzene	ND	ug/kg	3.2				
Trichlorofluoromethane	ND	ug/kg	16.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-07
PWG-DW-2008-04 (7.25-7.75')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0911	20:19 PD
1,2-Dichloroethane	ND	ug/kg	3.2				
1,1,1-Trichloroethane	ND	ug/kg	3.2				
Bromodichloromethane	ND	ug/kg	3.2				
trans-1,3-Dichloropropene	ND	ug/kg	3.2				
cis-1,3-Dichloropropene	ND	ug/kg	3.2				
1,1-Dichloropropene	ND	ug/kg	16.				
Bromoform	ND	ug/kg	13.				
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.2				
Benzene	ND	ug/kg	3.2				
Toluene	ND	ug/kg	4.9				
Ethylbenzene	ND	ug/kg	3.2				
Chloromethane	ND	ug/kg	16.				
Bromomethane	ND	ug/kg	6.5				
Vinyl chloride	ND	ug/kg	6.5				
Chloroethane	ND	ug/kg	6.5				
1,1-Dichloroethene	ND	ug/kg	3.2				
trans-1,2-Dichloroethene	ND	ug/kg	4.9				
Trichloroethene	ND	ug/kg	3.2				
1,2-Dichlorobenzene	ND	ug/kg	16.				
1,3-Dichlorobenzene	ND	ug/kg	16.				
1,4-Dichlorobenzene	ND	ug/kg	16.				
Methyl tert butyl ether	ND	ug/kg	6.5				
p/m-Xylene	ND	ug/kg	6.5				
o-Xylene	ND	ug/kg	6.5				
cis-1,2-Dichloroethene	ND	ug/kg	3.2				
Dibromomethane	ND	ug/kg	32.				
Styrene	ND	ug/kg	6.5				
Dichlorodifluoromethane	ND	ug/kg	32.				
Acetone	ND	ug/kg	32.				
Carbon disulfide	ND	ug/kg	32.				
2-Butanone	ND	ug/kg	32.				
Vinyl acetate	ND	ug/kg	32.				
4-Methyl-2-pentanone	ND	ug/kg	32.				
1,2,3-Trichloropropane	ND	ug/kg	32.				
2-Hexanone	ND	ug/kg	32.				
Bromochloromethane	ND	ug/kg	16.				
2,2-Dichloropropane	ND	ug/kg	16.				
1,2-Dibromoethane	ND	ug/kg	13.				
1,3-Dichloropropane	ND	ug/kg	16.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.2				
Bromobenzene	ND	ug/kg	16.				
n-Butylbenzene	ND	ug/kg	3.2				
sec-Butylbenzene	ND	ug/kg	3.2				
tert-Butylbenzene	ND	ug/kg	16.				
o-Chlorotoluene	ND	ug/kg	16.				
p-Chlorotoluene	ND	ug/kg	16.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	16.				
Hexachlorobutadiene	ND	ug/kg	16.				
Isopropylbenzene	ND	ug/kg	3.2				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-07
PWG-DW-2008-04 (7.25-7.75')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0911	20:19 PD
p-Isopropyltoluene	ND	ug/kg	3.2				
Naphthalene	ND	ug/kg	16.				
Acrylonitrile	ND	ug/kg	32.				
n-Propylbenzene	ND	ug/kg	3.2				
1,2,3-Trichlorobenzene	ND	ug/kg	16.				
1,2,4-Trichlorobenzene	ND	ug/kg	16.				
1,3,5-Trimethylbenzene	ND	ug/kg	16.				
1,2,4-Trimethylbenzene	ND	ug/kg	16.				
1,4-Diethylbenzene	ND	ug/kg	13.				
4-Ethyltoluene	ND	ug/kg	13.				
1,2,4,5-Tetramethylbenzene	ND	ug/kg	13.				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	101	%	70-130				
Toluene-d8	106	%	70-130				
4-Bromofluorobenzene	118	%	70-130				
Dibromofluoromethane	99.0	%	70-130				
Semivolatile Organics by EPA 8270C				1	8270C	0911	03:30 0912 19:22 PS
Acenaphthene	ND	ug/kg	430				
1,2,4-Trichlorobenzene	ND	ug/kg	430				
Hexachlorobenzene	ND	ug/kg	430				
Bis(2-chloroethyl)ether	ND	ug/kg	430				
2-Chloronaphthalene	ND	ug/kg	520				
1,2-Dichlorobenzene	ND	ug/kg	430				
1,3-Dichlorobenzene	ND	ug/kg	430				
1,4-Dichlorobenzene	ND	ug/kg	430				
3,3'-Dichlorobenzidine	ND	ug/kg	860				
2,4-Dinitrotoluene	ND	ug/kg	430				
2,6-Dinitrotoluene	ND	ug/kg	430				
Fluoranthene	ND	ug/kg	430				
4-Chlorophenyl phenyl ether	ND	ug/kg	430				
4-Bromophenyl phenyl ether	ND	ug/kg	430				
Bis(2-chloroisopropyl)ether	ND	ug/kg	430				
Bis(2-chloroethoxy)methane	ND	ug/kg	430				
Hexachlorobutadiene	ND	ug/kg	860				
Hexachlorocyclopentadiene	ND	ug/kg	860				
Hexachloroethane	ND	ug/kg	430				
Isophorone	ND	ug/kg	430				
Naphthalene	ND	ug/kg	430				
Nitrobenzene	ND	ug/kg	430				
NitrosoDiPhenylAmine(NDPA)/DPA	ND	ug/kg	1300				
n-Nitrosodi-n-propylamine	ND	ug/kg	430				
Bis(2-Ethylhexyl)phthalate	ND	ug/kg	860				
Butyl benzyl phthalate	ND	ug/kg	430				
Di-n-butylphthalate	ND	ug/kg	430				
Di-n-octylphthalate	ND	ug/kg	430				
Diethyl phthalate	ND	ug/kg	430				
Dimethyl phthalate	ND	ug/kg	430				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-07
PWG-DW-2008-04 (7.25-7.75')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C cont'd				1	8270C	0911 03:30	0912 19:22 PS
Benzo(a)anthracene	ND	ug/kg	430				
Benzo(a)pyrene	ND	ug/kg	430				
Benzo(b)fluoranthene	ND	ug/kg	430				
Benzo(k)fluoranthene	ND	ug/kg	430				
Chrysene	ND	ug/kg	430				
Acenaphthylene	ND	ug/kg	430				
Anthracene	ND	ug/kg	430				
Benzo(ghi)perylene	ND	ug/kg	430				
Fluorene	ND	ug/kg	430				
Phenanthrene	ND	ug/kg	430				
Dibenzo(a,h)anthracene	ND	ug/kg	430				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	430				
Pyrene	ND	ug/kg	430				
Biphenyl	ND	ug/kg	430				
4-Chloroaniline	ND	ug/kg	430				
2-Nitroaniline	ND	ug/kg	430				
3-Nitroaniline	ND	ug/kg	430				
4-Nitroaniline	ND	ug/kg	610				
Dibenzofuran	ND	ug/kg	430				
2-Methylnaphthalene	ND	ug/kg	430				
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	1700				
Acetophenone	ND	ug/kg	1700				
2,4,6-Trichlorophenol	ND	ug/kg	430				
p-Chloro-M-Cresol	ND	ug/kg	430				
2-Chlorophenol	ND	ug/kg	520				
2,4-Dichlorophenol	ND	ug/kg	860				
2,4-Dimethylphenol	ND	ug/kg	430				
2-Nitrophenol	ND	ug/kg	1700				
4-Nitrophenol	ND	ug/kg	860				
2,4-Dinitrophenol	ND	ug/kg	1700				
4,6-Dinitro-o-cresol	ND	ug/kg	1700				
Pentachlorophenol	ND	ug/kg	1700				
Phenol	ND	ug/kg	610				
2-Methylphenol	ND	ug/kg	520				
3-Methylphenol/4-Methylphenol	ND	ug/kg	520				
2,4,5-Trichlorophenol	ND	ug/kg	430				
Benzoic Acid	ND	ug/kg	4300				
Benzyl Alcohol	ND	ug/kg	860				
Carbazole	ND	ug/kg	430				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	45.0	%	25-120				
Phenol-d6	46.0	%	10-120				
Nitrobenzene-d5	40.0	%	23-120				
2-Fluorobiphenyl	47.0	%	30-120				
2,4,6-Tribromophenol	91.0	%	19-120				
4-Terphenyl-d14	72.0	%	18-120				
Semivolatile Organics by EPA 8270C-SIM				1	8270C	0911 03:30	0912 23:27 AK

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-07
PWG-DW-2008-04 (7.25-7.75')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C-SIM cont'd				1	8270C	0911 03:30	0912 23:27 AK
Acenaphthene	ND	ug/kg	86.				
2-Chloronaphthalene	ND	ug/kg	86.				
Fluoranthene	ND	ug/kg	86.				
Hexachlorobutadiene	ND	ug/kg	220				
Naphthalene	ND	ug/kg	86.				
Benzo(a)anthracene	ND	ug/kg	86.				
Benzo(a)pyrene	ND	ug/kg	86.				
Benzo(b)fluoranthene	ND	ug/kg	86.				
Benzo(k)fluoranthene	ND	ug/kg	86.				
Chrysene	ND	ug/kg	86.				
Acenaphthylene	ND	ug/kg	86.				
Anthracene	ND	ug/kg	86.				
Benzo(ghi)perylene	ND	ug/kg	86.				
Fluorene	ND	ug/kg	86.				
Phenanthrene	ND	ug/kg	86.				
Dibenzo(a,h)anthracene	ND	ug/kg	86.				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	86.				
Pyrene	ND	ug/kg	86.				
2-Methylnaphthalene	ND	ug/kg	86.				
Pentachlorophenol	ND	ug/kg	350				
Hexachlorobenzene	ND	ug/kg	350				
Hexachloroethane	ND	ug/kg	350				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	41.0	%	25-120				
Phenol-d6	45.0	%	10-120				
Nitrobenzene-d5	36.0	%	23-120				
2-Fluorobiphenyl	45.0	%	30-120				
2,4,6-Tribromophenol	76.0	%	19-120				
4-Terphenyl-d14	71.0	%	18-120				
Petroleum Hydrocarbon Quantitation by GC-FID				1	8015B(M)	0911 00:15	0912 03:46 RT
TPH	89100	ug/kg	43300				
Surrogate(s)	Recovery		QC Criteria				
o-Terphenyl	73.0	%	40-140				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

MA:M-MA086 NH:2003 CT:PH-0574 ME:MA0086 RI:LAO00065 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0813344-08 **Date Collected:** 08-SEP-2008 10:10
PWG-DW-2008-05 (6.75-7.25') **Date Received :** 09-SEP-2008
Sample Matrix: SOIL **Date Reported :** 25-SEP-2008

Condition of Sample: Satisfactory **Field Prep:** None

Number & Type of Containers: 3-Amber,1-Vial

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Solids, Total	86	%	0.10	30 2540G	0910	18:40	NM
Total Metals							
Aluminum, Total	1200	mg/kg	5.3	1 6010B	0910	13:30	0911 14:26 AI
Antimony, Total	ND	mg/kg	2.7	1 6010B	0910	13:30	0911 14:26 AI
Arsenic, Total	1.1	mg/kg	0.53	1 6010B	0910	13:30	0911 14:26 AI
Barium, Total	17	mg/kg	0.53	1 6010B	0910	13:30	0911 14:26 AI
Beryllium, Total	ND	mg/kg	0.27	1 6010B	0910	13:30	0911 14:26 AI
Cadmium, Total	ND	mg/kg	0.53	1 6010B	0910	13:30	0911 14:26 AI
Calcium, Total	8900	mg/kg	5.3	1 6010B	0910	13:30	0911 14:26 AI
Chromium, Total	2.3	mg/kg	0.53	1 6010B	0910	13:30	0911 14:26 AI
Cobalt, Total	ND	mg/kg	1.1	1 6010B	0910	13:30	0911 14:26 AI
Copper, Total	3.1	mg/kg	0.53	1 6010B	0910	13:30	0911 14:26 AI
Iron, Total	2400	mg/kg	2.7	1 6010B	0910	13:30	0911 14:26 AI
Lead, Total	32	mg/kg	2.7	1 6010B	0910	13:30	0911 14:26 AI
Magnesium, Total	5700	mg/kg	5.3	1 6010B	0910	13:30	0911 14:26 AI
Manganese, Total	34	mg/kg	0.53	1 6010B	0910	13:30	0911 14:26 AI
Mercury, Total	ND	mg/kg	0.09	1 7471A	0911	23:30	0912 14:16 RC
Nickel, Total	1.4	mg/kg	1.3	1 6010B	0910	13:30	0911 14:26 AI
Potassium, Total	ND	mg/kg	130	1 6010B	0910	13:30	0911 14:26 AI
Selenium, Total	ND	mg/kg	1.1	1 6010B	0910	13:30	0911 14:26 AI
Silver, Total	ND	mg/kg	0.53	1 6010B	0910	13:30	0911 14:26 AI
Sodium, Total	ND	mg/kg	110	1 6010B	0910	13:30	0911 14:26 AI
Thallium, Total	ND	mg/kg	1.1	1 6010B	0910	13:30	0911 14:26 AI
Vanadium, Total	3.2	mg/kg	0.53	1 6010B	0910	13:30	0911 14:26 AI
Zinc, Total	21	mg/kg	2.7	1 6010B	0910	13:30	0911 14:26 AI
Volatile Organics by EPA 8260B				1 8260B	0911	20:55	PD
Methylene chloride	ND	ug/kg	29.				
1,1-Dichloroethane	ND	ug/kg	4.4				
Chloroform	ND	ug/kg	4.4				
Carbon tetrachloride	ND	ug/kg	2.9				
1,2-Dichloropropane	ND	ug/kg	10.				
Dibromochloromethane	ND	ug/kg	2.9				
1,1,2-Trichloroethane	ND	ug/kg	4.4				
Tetrachloroethene	ND	ug/kg	2.9				
Chlorobenzene	ND	ug/kg	2.9				
Trichlorofluoromethane	ND	ug/kg	14.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-08
PWG-DW-2008-05 (6.75-7.25')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0911	20:55 PD
1,2-Dichloroethane	ND	ug/kg	2.9				
1,1,1-Trichloroethane	ND	ug/kg	2.9				
Bromodichloromethane	ND	ug/kg	2.9				
trans-1,3-Dichloropropene	ND	ug/kg	2.9				
cis-1,3-Dichloropropene	ND	ug/kg	2.9				
1,1-Dichloropropene	ND	ug/kg	14.				
Bromoform	ND	ug/kg	12.				
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.9				
Benzene	ND	ug/kg	2.9				
Toluene	ND	ug/kg	4.4				
Ethylbenzene	ND	ug/kg	2.9				
Chloromethane	ND	ug/kg	14.				
Bromomethane	ND	ug/kg	5.8				
Vinyl chloride	ND	ug/kg	5.8				
Chloroethane	ND	ug/kg	5.8				
1,1-Dichloroethene	ND	ug/kg	2.9				
trans-1,2-Dichloroethene	ND	ug/kg	4.4				
Trichloroethene	ND	ug/kg	2.9				
1,2-Dichlorobenzene	ND	ug/kg	14.				
1,3-Dichlorobenzene	ND	ug/kg	14.				
1,4-Dichlorobenzene	ND	ug/kg	14.				
Methyl tert butyl ether	ND	ug/kg	5.8				
p/m-Xylene	ND	ug/kg	5.8				
o-Xylene	ND	ug/kg	5.8				
cis-1,2-Dichloroethene	ND	ug/kg	2.9				
Dibromomethane	ND	ug/kg	29.				
Styrene	ND	ug/kg	5.8				
Dichlorodifluoromethane	ND	ug/kg	29.				
Acetone	ND	ug/kg	29.				
Carbon disulfide	ND	ug/kg	29.				
2-Butanone	ND	ug/kg	29.				
Vinyl acetate	ND	ug/kg	29.				
4-Methyl-2-pentanone	ND	ug/kg	29.				
1,2,3-Trichloropropane	ND	ug/kg	29.				
2-Hexanone	ND	ug/kg	29.				
Bromochloromethane	ND	ug/kg	14.				
2,2-Dichloropropane	ND	ug/kg	14.				
1,2-Dibromoethane	ND	ug/kg	12.				
1,3-Dichloropropane	ND	ug/kg	14.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.9				
Bromobenzene	ND	ug/kg	14.				
n-Butylbenzene	ND	ug/kg	2.9				
sec-Butylbenzene	ND	ug/kg	2.9				
tert-Butylbenzene	ND	ug/kg	14.				
o-Chlorotoluene	ND	ug/kg	14.				
p-Chlorotoluene	ND	ug/kg	14.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	14.				
Hexachlorobutadiene	ND	ug/kg	14.				
Isopropylbenzene	ND	ug/kg	2.9				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-08
PWG-DW-2008-05 (6.75-7.25')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0911	20:55 PD
p-Isopropyltoluene	ND	ug/kg	2.9				
Naphthalene	ND	ug/kg	14.				
Acrylonitrile	ND	ug/kg	29.				
n-Propylbenzene	ND	ug/kg	2.9				
1,2,3-Trichlorobenzene	ND	ug/kg	14.				
1,2,4-Trichlorobenzene	ND	ug/kg	14.				
1,3,5-Trimethylbenzene	ND	ug/kg	14.				
1,2,4-Trimethylbenzene	ND	ug/kg	14.				
1,4-Diethylbenzene	ND	ug/kg	12.				
4-Ethyltoluene	ND	ug/kg	12.				
1,2,4,5-Tetramethylbenzene	ND	ug/kg	12.				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	108	%	70-130				
Toluene-d8	112	%	70-130				
4-Bromofluorobenzene	122	%	70-130				
Dibromofluoromethane	104	%	70-130				
Semivolatile Organics by EPA 8270C				1	8270C	0911	03:30 0912 19:46 PS
Acenaphthene	ND	ug/kg	390				
1,2,4-Trichlorobenzene	ND	ug/kg	390				
Hexachlorobenzene	ND	ug/kg	390				
Bis(2-chloroethyl)ether	ND	ug/kg	390				
2-Chloronaphthalene	ND	ug/kg	460				
1,2-Dichlorobenzene	ND	ug/kg	390				
1,3-Dichlorobenzene	ND	ug/kg	390				
1,4-Dichlorobenzene	ND	ug/kg	390				
3,3'-Dichlorobenzidine	ND	ug/kg	780				
2,4-Dinitrotoluene	ND	ug/kg	390				
2,6-Dinitrotoluene	ND	ug/kg	390				
Fluoranthene	ND	ug/kg	390				
4-Chlorophenyl phenyl ether	ND	ug/kg	390				
4-Bromophenyl phenyl ether	ND	ug/kg	390				
Bis(2-chloroisopropyl)ether	ND	ug/kg	390				
Bis(2-chloroethoxy)methane	ND	ug/kg	390				
Hexachlorobutadiene	ND	ug/kg	780				
Hexachlorocyclopentadiene	ND	ug/kg	780				
Hexachloroethane	ND	ug/kg	390				
Isophorone	ND	ug/kg	390				
Naphthalene	ND	ug/kg	390				
Nitrobenzene	ND	ug/kg	390				
NitrosoDiPhenylAmine(NDPA)/DPA	ND	ug/kg	1200				
n-Nitrosodi-n-propylamine	ND	ug/kg	390				
Bis(2-Ethylhexyl)phthalate	ND	ug/kg	780				
Butyl benzyl phthalate	ND	ug/kg	390				
Di-n-butylphthalate	ND	ug/kg	390				
Di-n-octylphthalate	ND	ug/kg	390				
Diethyl phthalate	ND	ug/kg	390				
Dimethyl phthalate	ND	ug/kg	390				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-08
PWG-DW-2008-05 (6.75-7.25')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C cont'd				1	8270C	0911 03:30	0912 19:46 PS
Benzo(a)anthracene	ND	ug/kg	390				
Benzo(a)pyrene	ND	ug/kg	390				
Benzo(b)fluoranthene	ND	ug/kg	390				
Benzo(k)fluoranthene	ND	ug/kg	390				
Chrysene	ND	ug/kg	390				
Acenaphthylene	ND	ug/kg	390				
Anthracene	ND	ug/kg	390				
Benzo(ghi)perylene	ND	ug/kg	390				
Fluorene	ND	ug/kg	390				
Phenanthrene	ND	ug/kg	390				
Dibenzo(a,h)anthracene	ND	ug/kg	390				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	390				
Pyrene	ND	ug/kg	390				
Biphenyl	ND	ug/kg	390				
4-Chloroaniline	ND	ug/kg	390				
2-Nitroaniline	ND	ug/kg	390				
3-Nitroaniline	ND	ug/kg	390				
4-Nitroaniline	ND	ug/kg	540				
Dibenzofuran	ND	ug/kg	390				
2-Methylnaphthalene	ND	ug/kg	390				
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	1600				
Acetophenone	ND	ug/kg	1600				
2,4,6-Trichlorophenol	ND	ug/kg	390				
p-Chloro-M-Cresol	ND	ug/kg	390				
2-Chlorophenol	ND	ug/kg	460				
2,4-Dichlorophenol	ND	ug/kg	780				
2,4-Dimethylphenol	ND	ug/kg	390				
2-Nitrophenol	ND	ug/kg	1600				
4-Nitrophenol	ND	ug/kg	780				
2,4-Dinitrophenol	ND	ug/kg	1600				
4,6-Dinitro-o-cresol	ND	ug/kg	1600				
Pentachlorophenol	ND	ug/kg	1600				
Phenol	ND	ug/kg	540				
2-Methylphenol	ND	ug/kg	460				
3-Methylphenol/4-Methylphenol	ND	ug/kg	460				
2,4,5-Trichlorophenol	ND	ug/kg	390				
Benzoic Acid	ND	ug/kg	3900				
Benzyl Alcohol	ND	ug/kg	780				
Carbazole	ND	ug/kg	390				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	62.0	%	25-120				
Phenol-d6	59.0	%	10-120				
Nitrobenzene-d5	53.0	%	23-120				
2-Fluorobiphenyl	56.0	%	30-120				
2,4,6-Tribromophenol	79.0	%	19-120				
4-Terphenyl-d14	69.0	%	18-120				
Semivolatile Organics by EPA 8270C-SIM				1	8270C	0911 03:30	0913 00:14 AK

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-08
PWG-DW-2008-05 (6.75-7.25')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C-SIM cont'd				1	8270C	0911 03:30	0913 00:14 AK
Acenaphthene	ND	ug/kg	78.				
2-Chloronaphthalene	ND	ug/kg	78.				
Fluoranthene	ND	ug/kg	78.				
Hexachlorobutadiene	ND	ug/kg	190				
Naphthalene	ND	ug/kg	78.				
Benzo(a)anthracene	ND	ug/kg	78.				
Benzo(a)pyrene	ND	ug/kg	78.				
Benzo(b)fluoranthene	ND	ug/kg	78.				
Benzo(k)fluoranthene	ND	ug/kg	78.				
Chrysene	ND	ug/kg	78.				
Acenaphthylene	ND	ug/kg	78.				
Anthracene	ND	ug/kg	78.				
Benzo(ghi)perylene	ND	ug/kg	78.				
Fluorene	ND	ug/kg	78.				
Phenanthrene	ND	ug/kg	78.				
Dibenzo(a,h)anthracene	ND	ug/kg	78.				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	78.				
Pyrene	ND	ug/kg	78.				
2-Methylnaphthalene	ND	ug/kg	78.				
Pentachlorophenol	ND	ug/kg	310				
Hexachlorobenzene	ND	ug/kg	310				
Hexachloroethane	ND	ug/kg	310				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	58.0	%	25-120				
Phenol-d6	62.0	%	10-120				
Nitrobenzene-d5	52.0	%	23-120				
2-Fluorobiphenyl	57.0	%	30-120				
2,4,6-Tribromophenol	70.0	%	19-120				
4-Terphenyl-d14	72.0	%	18-120				
Petroleum Hydrocarbon Quantitation by GC-FID				1	8015B(M)	0911 00:15	0912 04:20 RT
TPH	83900	ug/kg	38800				
Surrogate(s)	Recovery		QC Criteria				
o-Terphenyl	77.0	%	40-140				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

MA:M-MA086 NH:2003 CT:PH-0574 ME:MA0086 RI:LAO00065 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0813344-09 Date Collected: 08-SEP-2008 10:25
 PWG-DW-2008-06 (6.75-7.25') Date Received : 09-SEP-2008
 Sample Matrix: SOIL Date Reported : 25-SEP-2008
 Condition of Sample: Satisfactory Field Prep: None
 Number & Type of Containers: 3-Amber,1-Vial

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Solids, Total	84	%	0.10	30 2540G	0910	18:40	NM
Total Metals							
Aluminum, Total	1100	mg/kg	5.7	1 6010B	0910	13:30	0911 14:29 AI
Antimony, Total	ND	mg/kg	2.9	1 6010B	0910	13:30	0911 14:29 AI
Arsenic, Total	0.80	mg/kg	0.57	1 6010B	0910	13:30	0911 14:29 AI
Barium, Total	12	mg/kg	0.57	1 6010B	0910	13:30	0911 14:29 AI
Beryllium, Total	ND	mg/kg	0.29	1 6010B	0910	13:30	0911 14:29 AI
Cadmium, Total	ND	mg/kg	0.57	1 6010B	0910	13:30	0911 14:29 AI
Calcium, Total	14000	mg/kg	5.7	1 6010B	0910	13:30	0911 14:29 AI
Chromium, Total	2.0	mg/kg	0.57	1 6010B	0910	13:30	0911 14:29 AI
Cobalt, Total	ND	mg/kg	1.1	1 6010B	0910	13:30	0911 14:29 AI
Copper, Total	5.6	mg/kg	0.57	1 6010B	0910	13:30	0911 14:29 AI
Iron, Total	2000	mg/kg	2.9	1 6010B	0910	13:30	0911 14:29 AI
Lead, Total	26	mg/kg	2.9	1 6010B	0910	13:30	0911 14:29 AI
Magnesium, Total	8600	mg/kg	5.7	1 6010B	0910	13:30	0911 14:29 AI
Manganese, Total	29	mg/kg	0.57	1 6010B	0910	13:30	0911 14:29 AI
Mercury, Total	ND	mg/kg	0.09	1 7471A	0911	23:30	0912 14:18 RC
Nickel, Total	1.6	mg/kg	1.4	1 6010B	0910	13:30	0911 14:29 AI
Potassium, Total	ND	mg/kg	140	1 6010B	0910	13:30	0911 14:29 AI
Selenium, Total	ND	mg/kg	1.1	1 6010B	0910	13:30	0911 14:29 AI
Silver, Total	ND	mg/kg	0.57	1 6010B	0910	13:30	0911 14:29 AI
Sodium, Total	ND	mg/kg	110	1 6010B	0910	13:30	0911 14:29 AI
Thallium, Total	ND	mg/kg	1.1	1 6010B	0910	13:30	0911 14:29 AI
Vanadium, Total	3.1	mg/kg	0.57	1 6010B	0910	13:30	0911 14:29 AI
Zinc, Total	31	mg/kg	2.9	1 6010B	0910	13:30	0911 14:29 AI
Volatile Organics by EPA 8260B				1 8260B	0912	20:34	PD
Methylene chloride	ND	ug/kg	30.				
1,1-Dichloroethane	ND	ug/kg	4.5				
Chloroform	ND	ug/kg	4.5				
Carbon tetrachloride	ND	ug/kg	3.0				
1,2-Dichloropropane	ND	ug/kg	10.				
Dibromochloromethane	ND	ug/kg	3.0				
1,1,2-Trichloroethane	ND	ug/kg	4.5				
Tetrachloroethene	6.6	ug/kg	3.0				
Chlorobenzene	ND	ug/kg	3.0				
Trichlorofluoromethane	ND	ug/kg	15.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-09
PWG-DW-2008-06 (6.75-7.25')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0912 20:34 PD	
1,2-Dichloroethane	ND	ug/kg	3.0				
1,1,1-Trichloroethane	ND	ug/kg	3.0				
Bromodichloromethane	ND	ug/kg	3.0				
trans-1,3-Dichloropropene	ND	ug/kg	3.0				
cis-1,3-Dichloropropene	ND	ug/kg	3.0				
1,1-Dichloropropene	ND	ug/kg	15.				
Bromoform	ND	ug/kg	12.				
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.0				
Benzene	ND	ug/kg	3.0				
Toluene	ND	ug/kg	4.5				
Ethylbenzene	ND	ug/kg	3.0				
Chloromethane	ND	ug/kg	15.				
Bromomethane	ND	ug/kg	6.0				
Vinyl chloride	ND	ug/kg	6.0				
Chloroethane	ND	ug/kg	6.0				
1,1-Dichloroethene	ND	ug/kg	3.0				
trans-1,2-Dichloroethene	ND	ug/kg	4.5				
Trichloroethene	ND	ug/kg	3.0				
1,2-Dichlorobenzene	ND	ug/kg	15.				
1,3-Dichlorobenzene	ND	ug/kg	15.				
1,4-Dichlorobenzene	ND	ug/kg	15.				
Methyl tert butyl ether	ND	ug/kg	6.0				
p/m-Xylene	ND	ug/kg	6.0				
o-Xylene	ND	ug/kg	6.0				
cis-1,2-Dichloroethene	ND	ug/kg	3.0				
Dibromomethane	ND	ug/kg	30.				
Styrene	ND	ug/kg	6.0				
Dichlorodifluoromethane	ND	ug/kg	30.				
Acetone	ND	ug/kg	30.				
Carbon disulfide	ND	ug/kg	30.				
2-Butanone	ND	ug/kg	30.				
Vinyl acetate	ND	ug/kg	30.				
4-Methyl-2-pentanone	ND	ug/kg	30.				
1,2,3-Trichloropropane	ND	ug/kg	30.				
2-Hexanone	ND	ug/kg	30.				
Bromochloromethane	ND	ug/kg	15.				
2,2-Dichloropropane	ND	ug/kg	15.				
1,2-Dibromoethane	ND	ug/kg	12.				
1,3-Dichloropropane	ND	ug/kg	15.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.0				
Bromobenzene	ND	ug/kg	15.				
n-Butylbenzene	ND	ug/kg	3.0				
sec-Butylbenzene	ND	ug/kg	3.0				
tert-Butylbenzene	ND	ug/kg	15.				
o-Chlorotoluene	ND	ug/kg	15.				
p-Chlorotoluene	ND	ug/kg	15.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	15.				
Hexachlorobutadiene	ND	ug/kg	15.				
Isopropylbenzene	ND	ug/kg	3.0				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-09
PWG-DW-2008-06 (6.75-7.25')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0912	20:34 PD
p-Isopropyltoluene	ND	ug/kg	3.0				
Naphthalene	ND	ug/kg	15.				
Acrylonitrile	ND	ug/kg	30.				
n-Propylbenzene	ND	ug/kg	3.0				
1,2,3-Trichlorobenzene	ND	ug/kg	15.				
1,2,4-Trichlorobenzene	ND	ug/kg	15.				
1,3,5-Trimethylbenzene	ND	ug/kg	15.				
1,2,4-Trimethylbenzene	ND	ug/kg	15.				
1,4-Diethylbenzene	ND	ug/kg	12.				
4-Ethyltoluene	ND	ug/kg	12.				
1,2,4,5-Tetramethylbenzene	ND	ug/kg	12.				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	94.0	%	70-130				
Toluene-d8	103	%	70-130				
4-Bromofluorobenzene	112	%	70-130				
Dibromofluoromethane	93.0	%	70-130				
Semivolatile Organics by EPA 8270C				1	8270C	0911	03:30 0912 20:09 PS
Acenaphthene	ND	ug/kg	400				
1,2,4-Trichlorobenzene	ND	ug/kg	400				
Hexachlorobenzene	ND	ug/kg	400				
Bis(2-chloroethyl)ether	ND	ug/kg	400				
2-Chloronaphthalene	ND	ug/kg	480				
1,2-Dichlorobenzene	ND	ug/kg	400				
1,3-Dichlorobenzene	ND	ug/kg	400				
1,4-Dichlorobenzene	ND	ug/kg	400				
3,3'-Dichlorobenzidine	ND	ug/kg	790				
2,4-Dinitrotoluene	ND	ug/kg	400				
2,6-Dinitrotoluene	ND	ug/kg	400				
Fluoranthene	ND	ug/kg	400				
4-Chlorophenyl phenyl ether	ND	ug/kg	400				
4-Bromophenyl phenyl ether	ND	ug/kg	400				
Bis(2-chloroisopropyl)ether	ND	ug/kg	400				
Bis(2-chloroethoxy)methane	ND	ug/kg	400				
Hexachlorobutadiene	ND	ug/kg	790				
Hexachlorocyclopentadiene	ND	ug/kg	790				
Hexachloroethane	ND	ug/kg	400				
Isophorone	ND	ug/kg	400				
Naphthalene	ND	ug/kg	400				
Nitrobenzene	ND	ug/kg	400				
NitrosoDiPhenylAmine(NDPA)/DPA	ND	ug/kg	1200				
n-Nitrosodi-n-propylamine	ND	ug/kg	400				
Bis(2-Ethylhexyl)phthalate	ND	ug/kg	790				
Butyl benzyl phthalate	ND	ug/kg	400				
Di-n-butylphthalate	ND	ug/kg	400				
Di-n-octylphthalate	ND	ug/kg	400				
Diethyl phthalate	ND	ug/kg	400				
Dimethyl phthalate	ND	ug/kg	400				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-09
PWG-DW-2008-06 (6.75-7.25')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C cont'd				1	8270C	0911 03:30	0912 20:09 PS
Benzo(a)anthracene	ND	ug/kg	400				
Benzo(a)pyrene	ND	ug/kg	400				
Benzo(b)fluoranthene	ND	ug/kg	400				
Benzo(k)fluoranthene	ND	ug/kg	400				
Chrysene	ND	ug/kg	400				
Acenaphthylene	ND	ug/kg	400				
Anthracene	ND	ug/kg	400				
Benzo(ghi)perylene	ND	ug/kg	400				
Fluorene	ND	ug/kg	400				
Phenanthrene	ND	ug/kg	400				
Dibenzo(a,h)anthracene	ND	ug/kg	400				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	400				
Pyrene	ND	ug/kg	400				
Biphenyl	ND	ug/kg	400				
4-Chloroaniline	ND	ug/kg	400				
2-Nitroaniline	ND	ug/kg	400				
3-Nitroaniline	ND	ug/kg	400				
4-Nitroaniline	ND	ug/kg	560				
Dibenzofuran	ND	ug/kg	400				
2-Methylnaphthalene	ND	ug/kg	400				
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	1600				
Acetophenone	ND	ug/kg	1600				
2,4,6-Trichlorophenol	ND	ug/kg	400				
p-Chloro-M-Cresol	ND	ug/kg	400				
2-Chlorophenol	ND	ug/kg	480				
2,4-Dichlorophenol	ND	ug/kg	790				
2,4-Dimethylphenol	ND	ug/kg	400				
2-Nitrophenol	ND	ug/kg	1600				
4-Nitrophenol	ND	ug/kg	790				
2,4-Dinitrophenol	ND	ug/kg	1600				
4,6-Dinitro-o-cresol	ND	ug/kg	1600				
Pentachlorophenol	ND	ug/kg	1600				
Phenol	ND	ug/kg	560				
2-Methylphenol	ND	ug/kg	480				
3-Methylphenol/4-Methylphenol	ND	ug/kg	480				
2,4,5-Trichlorophenol	ND	ug/kg	400				
Benzoic Acid	ND	ug/kg	4000				
Benzyl Alcohol	ND	ug/kg	790				
Carbazole	ND	ug/kg	400				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	30.0	%	25-120				
Phenol-d6	28.0	%	10-120				
Nitrobenzene-d5	25.0	%	23-120				
2-Fluorobiphenyl	30.0	%	30-120				
2,4,6-Tribromophenol	46.0	%	19-120				
4-Terphenyl-d14	40.0	%	18-120				
Semivolatile Organics by EPA 8270C-SIM				1	8270C	0915 18:00	0916 16:12 AK

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-09
PWG-DW-2008-06 (6.75-7.25')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C-SIM cont'd				1	8270C	0915 18:00	0916 16:12 AK
Acenaphthene	ND	ug/kg	16.				
2-Chloronaphthalene	ND	ug/kg	16.				
Fluoranthene	30	ug/kg	16				
Hexachlorobutadiene	ND	ug/kg	40.				
Naphthalene	ND	ug/kg	16.				
Benzo(a)anthracene	ND	ug/kg	16.				
Benzo(a)pyrene	ND	ug/kg	16.				
Benzo(b)fluoranthene	ND	ug/kg	16.				
Benzo(k)fluoranthene	ND	ug/kg	16.				
Chrysene	ND	ug/kg	16.				
Acenaphthylene	ND	ug/kg	16.				
Anthracene	ND	ug/kg	16.				
Benzo(ghi)perylene	ND	ug/kg	16.				
Fluorene	ND	ug/kg	16.				
Phenanthrene	ND	ug/kg	16.				
Dibenzo(a,h)anthracene	ND	ug/kg	16.				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	16.				
Pyrene	32	ug/kg	16				
2-Methylnaphthalene	ND	ug/kg	16.				
Pentachlorophenol	ND	ug/kg	63.				
Hexachlorobenzene	ND	ug/kg	63.				
Hexachloroethane	ND	ug/kg	63.				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	38.0	%	25-120				
Phenol-d6	41.0	%	10-120				
Nitrobenzene-d5	36.0	%	23-120				
2-Fluorobiphenyl	34.0	%	30-120				
2,4,6-Tribromophenol	36.0	%	19-120				
4-Terphenyl-d14	42.0	%	18-120				
Petroleum Hydrocarbon Quantitation by GC-FID				1	8015B(M)	0911 00:15	0912 04:55 RT
TPH	287000	ug/kg	39700				
Surrogate(s)	Recovery		QC Criteria				
o-Terphenyl	74.0	%	40-140				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS

MA:M-MA086 NH:2003 CT:PH-0574 ME:MA0086 RI:LAO00065 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0813344-10 Date Collected: 08-SEP-2008 10:45
 PWG-DW-2008-07 (6.75-7.25') Date Received : 09-SEP-2008
 Sample Matrix: SOIL Date Reported : 25-SEP-2008
 Condition of Sample: Satisfactory Field Prep: None
 Number & Type of Containers: 9-Amber,3-Vial

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Solids, Total	73	%	0.10	30 2540G	0910	18:40	NM
Total Metals							
Aluminum, Total	1400	mg/kg	6.4	1 6010B	0910	13:30	0911 13:35 AI
Antimony, Total	ND	mg/kg	3.2	1 6010B	0910	13:30	0911 13:35 AI
Arsenic, Total	0.82	mg/kg	0.64	1 6010B	0910	13:30	0911 13:35 AI
Barium, Total	7.8	mg/kg	0.64	1 6010B	0910	13:30	0911 13:35 AI
Beryllium, Total	ND	mg/kg	0.32	1 6010B	0910	13:30	0911 13:35 AI
Cadmium, Total	ND	mg/kg	0.64	1 6010B	0910	13:30	0911 13:35 AI
Calcium, Total	13000	mg/kg	6.4	1 6010B	0910	13:30	0911 13:35 AI
Chromium, Total	9.2	mg/kg	0.64	1 6010B	0910	13:30	0911 13:35 AI
Cobalt, Total	ND	mg/kg	1.3	1 6010B	0910	13:30	0911 13:35 AI
Copper, Total	14	mg/kg	0.64	1 6010B	0910	13:30	0911 13:35 AI
Iron, Total	2400	mg/kg	3.2	1 6010B	0910	13:30	0911 13:35 AI
Lead, Total	60	mg/kg	3.2	1 6010B	0910	13:30	0911 13:35 AI
Magnesium, Total	8800	mg/kg	6.4	1 6010B	0910	13:30	0911 13:35 AI
Manganese, Total	26	mg/kg	0.64	1 6010B	0910	13:30	0911 13:35 AI
Mercury, Total	ND	mg/kg	0.11	1 7471A	0911	23:30	0912 14:20 RC
Nickel, Total	3.7	mg/kg	1.6	1 6010B	0910	13:30	0911 13:35 AI
Potassium, Total	170	mg/kg	160	1 6010B	0910	13:30	0911 13:35 AI
Selenium, Total	ND	mg/kg	1.3	1 6010B	0910	13:30	0911 13:35 AI
Silver, Total	ND	mg/kg	0.64	1 6010B	0910	13:30	0911 13:35 AI
Sodium, Total	ND	mg/kg	130	1 6010B	0910	13:30	0911 13:35 AI
Thallium, Total	ND	mg/kg	1.3	1 6010B	0910	13:30	0911 13:35 AI
Vanadium, Total	9.3	mg/kg	0.64	1 6010B	0910	13:30	0911 13:35 AI
Zinc, Total	110	mg/kg	3.2	1 6010B	0910	13:30	0911 13:35 AI
Volatile Organics by EPA 8260B							
Methylene chloride	ND	ug/kg	34.	1 8260B	0912	11:27	PD
1,1-Dichloroethane	ND	ug/kg	5.1				
Chloroform	ND	ug/kg	5.1				
Carbon tetrachloride	ND	ug/kg	3.4				
1,2-Dichloropropane	ND	ug/kg	12.				
Dibromochloromethane	ND	ug/kg	3.4				
1,1,2-Trichloroethane	ND	ug/kg	5.1				
Tetrachloroethene	6.4	ug/kg	3.4				
Chlorobenzene	ND	ug/kg	3.4				
Trichlorofluoromethane	ND	ug/kg	17.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-10
PWG-DW-2008-07 (6.75-7.25')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0912 11:27 PD	
1,2-Dichloroethane	ND	ug/kg	3.4				
1,1,1-Trichloroethane	ND	ug/kg	3.4				
Bromodichloromethane	ND	ug/kg	3.4				
trans-1,3-Dichloropropene	ND	ug/kg	3.4				
cis-1,3-Dichloropropene	ND	ug/kg	3.4				
1,1-Dichloropropene	ND	ug/kg	17.				
Bromoform	ND	ug/kg	14.				
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.4				
Benzene	ND	ug/kg	3.4				
Toluene	ND	ug/kg	5.1				
Ethylbenzene	ND	ug/kg	3.4				
Chloromethane	ND	ug/kg	17.				
Bromomethane	ND	ug/kg	6.8				
Vinyl chloride	ND	ug/kg	6.8				
Chloroethane	ND	ug/kg	6.8				
1,1-Dichloroethene	ND	ug/kg	3.4				
trans-1,2-Dichloroethene	ND	ug/kg	5.1				
Trichloroethene	ND	ug/kg	3.4				
1,2-Dichlorobenzene	ND	ug/kg	17.				
1,3-Dichlorobenzene	ND	ug/kg	17.				
1,4-Dichlorobenzene	ND	ug/kg	17.				
Methyl tert butyl ether	ND	ug/kg	6.8				
p/m-Xylene	230	ug/kg	6.8				
o-Xylene	ND	ug/kg	6.8				
cis-1,2-Dichloroethene	ND	ug/kg	3.4				
Dibromomethane	ND	ug/kg	34.				
Styrene	ND	ug/kg	6.8				
Dichlorodifluoromethane	ND	ug/kg	34.				
Acetone	48	ug/kg	34				
Carbon disulfide	ND	ug/kg	34.				
2-Butanone	ND	ug/kg	34.				
Vinyl acetate	ND	ug/kg	34.				
4-Methyl-2-pentanone	ND	ug/kg	34.				
1,2,3-Trichloropropane	ND	ug/kg	34.				
2-Hexanone	ND	ug/kg	34.				
Bromochloromethane	ND	ug/kg	17.				
2,2-Dichloropropane	ND	ug/kg	17.				
1,2-Dibromoethane	ND	ug/kg	14.				
1,3-Dichloropropane	ND	ug/kg	17.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.4				
Bromobenzene	ND	ug/kg	17.				
n-Butylbenzene	ND	ug/kg	3.4				
sec-Butylbenzene	ND	ug/kg	3.4				
tert-Butylbenzene	ND	ug/kg	17.				
o-Chlorotoluene	ND	ug/kg	17.				
p-Chlorotoluene	ND	ug/kg	17.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	17.				
Hexachlorobutadiene	ND	ug/kg	17.				
Isopropylbenzene	39	ug/kg	3.4				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-10
PWG-DW-2008-07 (6.75-7.25')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0912	11:27 PD
p-Isopropyltoluene	ND	ug/kg	3.4				
Naphthalene	ND	ug/kg	17.				
Acrylonitrile	ND	ug/kg	34.				
n-Propylbenzene	37	ug/kg	3.4				
1,2,3-Trichlorobenzene	ND	ug/kg	17.				
1,2,4-Trichlorobenzene	ND	ug/kg	17.				
1,3,5-Trimethylbenzene	62	ug/kg	17				
1,2,4-Trimethylbenzene	60	ug/kg	17				
1,4-Diethylbenzene	16	ug/kg	14				
4-Ethyltoluene	48	ug/kg	14				
1,2,4,5-Tetramethylbenzene	24	ug/kg	14				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	103	%	70-130				
Toluene-d8	105	%	70-130				
4-Bromofluorobenzene	117	%	70-130				
Dibromofluoromethane	97.0	%	70-130				
Semivolatile Organics by EPA 8270C				1	8270C	0911	03:30 0913 00:58 PS
Acenaphthene	ND	ug/kg	4600				
1,2,4-Trichlorobenzene	ND	ug/kg	4600				
Hexachlorobenzene	ND	ug/kg	4600				
Bis(2-chloroethyl)ether	ND	ug/kg	4600				
2-Chloronaphthalene	ND	ug/kg	5500				
1,2-Dichlorobenzene	ND	ug/kg	4600				
1,3-Dichlorobenzene	ND	ug/kg	4600				
1,4-Dichlorobenzene	ND	ug/kg	4600				
3,3'-Dichlorobenzidine	ND	ug/kg	9100				
2,4-Dinitrotoluene	ND	ug/kg	4600				
2,6-Dinitrotoluene	ND	ug/kg	4600				
Fluoranthene	ND	ug/kg	4600				
4-Chlorophenyl phenyl ether	ND	ug/kg	4600				
4-Bromophenyl phenyl ether	ND	ug/kg	4600				
Bis(2-chloroisopropyl)ether	ND	ug/kg	4600				
Bis(2-chloroethoxy)methane	ND	ug/kg	4600				
Hexachlorobutadiene	ND	ug/kg	9100				
Hexachlorocyclopentadiene	ND	ug/kg	9100				
Hexachloroethane	ND	ug/kg	4600				
Isophorone	ND	ug/kg	4600				
Naphthalene	ND	ug/kg	4600				
Nitrobenzene	ND	ug/kg	4600				
NitrosoDiPhenylAmine(NDPA)/DPA	ND	ug/kg	14000				
n-Nitrosodi-n-propylamine	ND	ug/kg	4600				
Bis(2-Ethylhexyl)phthalate	ND	ug/kg	9100				
Butyl benzyl phthalate	ND	ug/kg	4600				
Di-n-butylphthalate	ND	ug/kg	4600				
Di-n-octylphthalate	ND	ug/kg	4600				
Diethyl phthalate	ND	ug/kg	4600				
Dimethyl phthalate	ND	ug/kg	4600				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-10
PWG-DW-2008-07 (6.75-7.25')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C cont'd				1	8270C	0911 03:30	0913 00:58 PS
Benzo(a)anthracene	ND	ug/kg	4600				
Benzo(a)pyrene	ND	ug/kg	4600				
Benzo(b)fluoranthene	ND	ug/kg	4600				
Benzo(k)fluoranthene	ND	ug/kg	4600				
Chrysene	ND	ug/kg	4600				
Acenaphthylene	ND	ug/kg	4600				
Anthracene	ND	ug/kg	4600				
Benzo(ghi)perylene	ND	ug/kg	4600				
Fluorene	ND	ug/kg	4600				
Phenanthrene	ND	ug/kg	4600				
Dibenzo(a,h)anthracene	ND	ug/kg	4600				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	4600				
Pyrene	ND	ug/kg	4600				
Biphenyl	ND	ug/kg	4600				
4-Chloroaniline	ND	ug/kg	4600				
2-Nitroaniline	ND	ug/kg	4600				
3-Nitroaniline	ND	ug/kg	4600				
4-Nitroaniline	ND	ug/kg	6400				
Dibenzofuran	ND	ug/kg	4600				
2-Methylnaphthalene	ND	ug/kg	4600				
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	18000				
Acetophenone	ND	ug/kg	18000				
2,4,6-Trichlorophenol	ND	ug/kg	4600				
p-Chloro-M-Cresol	ND	ug/kg	4600				
2-Chlorophenol	ND	ug/kg	5500				
2,4-Dichlorophenol	ND	ug/kg	9100				
2,4-Dimethylphenol	ND	ug/kg	4600				
2-Nitrophenol	ND	ug/kg	18000				
4-Nitrophenol	ND	ug/kg	9100				
2,4-Dinitrophenol	ND	ug/kg	18000				
4,6-Dinitro-o-cresol	ND	ug/kg	18000				
Pentachlorophenol	ND	ug/kg	18000				
Phenol	ND	ug/kg	6400				
2-Methylphenol	ND	ug/kg	5500				
3-Methylphenol/4-Methylphenol	ND	ug/kg	5500				
2,4,5-Trichlorophenol	ND	ug/kg	4600				
Benzoic Acid	ND	ug/kg	46000				
Benzyl Alcohol	ND	ug/kg	9100				
Carbazole	ND	ug/kg	4600				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	100	%	25-120				
Phenol-d6	98.0	%	10-120				
Nitrobenzene-d5	86.0	%	23-120				
2-Fluorobiphenyl	100	%	30-120				
2,4,6-Tribromophenol	120	%	19-120				
4-Terphenyl-d14	89.0	%	18-120				
Semivolatile Organics by EPA 8270C-SIM				1	8270C	0911 03:30	0913 13:01 AK

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-10
PWG-DW-2008-07 (6.75-7.25')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C-SIM cont'd				1	8270C	0911 03:30	0913 13:01 AK
Acenaphthene	ND	ug/kg	1800				
2-Chloronaphthalene	ND	ug/kg	1800				
Fluoranthene	ND	ug/kg	1800				
Hexachlorobutadiene	ND	ug/kg	4600				
Naphthalene	ND	ug/kg	1800				
Benzo(a)anthracene	ND	ug/kg	1800				
Benzo(a)pyrene	ND	ug/kg	1800				
Benzo(b)fluoranthene	ND	ug/kg	1800				
Benzo(k)fluoranthene	ND	ug/kg	1800				
Chrysene	ND	ug/kg	1800				
Acenaphthylene	ND	ug/kg	1800				
Anthracene	ND	ug/kg	1800				
Benzo(ghi)perylene	ND	ug/kg	1800				
Fluorene	ND	ug/kg	1800				
Phenanthrene	ND	ug/kg	1800				
Dibenzo(a,h)anthracene	ND	ug/kg	1800				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	1800				
Pyrene	ND	ug/kg	1800				
2-Methylnaphthalene	ND	ug/kg	1800				
Pentachlorophenol	ND	ug/kg	7300				
Hexachlorobenzene	ND	ug/kg	7300				
Hexachloroethane	ND	ug/kg	7300				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	ND	%	25-120				
Phenol-d6	ND	%	10-120				
Nitrobenzene-d5	ND	%	23-120				
2-Fluorobiphenyl	ND	%	30-120				
2,4,6-Tribromophenol	ND	%	19-120				
4-Terphenyl-d14	ND	%	18-120				
Petroleum Hydrocarbon Quantitation by GC-FID				1	8015B(M)	0911 00:15	0912 04:55 RT
TPH	3670000	ug/kg	457000				
Surrogate(s)	Recovery		QC Criteria				
o-Terphenyl	96.0	%	40-140				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS

MA:M-MA086 NH:2003 CT:PH-0574 ME:MA0086 RI:LAO00065 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0813344-11 Date Collected: 08-SEP-2008 11:05
PWG-DW-2008-08 (5.25-5.75') Date Received : 09-SEP-2008
Sample Matrix: SOIL Date Reported : 25-SEP-2008
Condition of Sample: Satisfactory Field Prep: None
Number & Type of Containers: 3-Amber,1-Vial

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	ANAL	ID
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***** THIS SAMPLE IS ON HOLD *****

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

MA:M-MA086 NH:2003 CT:PH-0574 ME:MA0086 RI:LAO00065 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0813344-12	Date Collected: 08-SEP-2008 11:25
PWG-DW-2008-09 (6.75-7.25')	Date Received : 09-SEP-2008
Sample Matrix: SOIL	Date Reported : 25-SEP-2008
Condition of Sample: Satisfactory	Field Prep: None
Number & Type of Containers: 3-Amber,1-Vial	

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP ANAL	ID
Solids, Total	81	%	0.10	30 2540G	0910 18:40	NM
Total Metals						
Aluminum, Total	2500	mg/kg	5.9	1 6010B	0910 13:30 0911 14:33	AI
Antimony, Total	ND	mg/kg	3.0	1 6010B	0910 13:30 0911 14:33	AI
Arsenic, Total	0.77	mg/kg	0.59	1 6010B	0910 13:30 0911 14:33	AI
Barium, Total	9.7	mg/kg	0.59	1 6010B	0910 13:30 0911 14:33	AI
Beryllium, Total	ND	mg/kg	0.30	1 6010B	0910 13:30 0911 14:33	AI
Cadmium, Total	ND	mg/kg	0.59	1 6010B	0910 13:30 0911 14:33	AI
Calcium, Total	230	mg/kg	5.9	1 6010B	0910 13:30 0911 14:33	AI
Chromium, Total	6.3	mg/kg	0.59	1 6010B	0910 13:30 0911 14:33	AI
Cobalt, Total	ND	mg/kg	1.2	1 6010B	0910 13:30 0911 14:33	AI
Copper, Total	4.9	mg/kg	0.59	1 6010B	0910 13:30 0911 14:33	AI
Iron, Total	3600	mg/kg	3.0	1 6010B	0910 13:30 0911 14:33	AI
Lead, Total	21	mg/kg	3.0	1 6010B	0910 13:30 0911 14:33	AI
Magnesium, Total	460	mg/kg	5.9	1 6010B	0910 13:30 0911 14:33	AI
Manganese, Total	13	mg/kg	0.59	1 6010B	0910 13:30 0911 14:33	AI
Mercury, Total	ND	mg/kg	0.10	1 7471A	0911 23:30 0912 14:29	RC
Nickel, Total	3.0	mg/kg	1.5	1 6010B	0910 13:30 0911 14:33	AI
Potassium, Total	ND	mg/kg	150	1 6010B	0910 13:30 0911 14:33	AI
Selenium, Total	ND	mg/kg	1.2	1 6010B	0910 13:30 0911 14:33	AI
Silver, Total	ND	mg/kg	0.59	1 6010B	0910 13:30 0911 14:33	AI
Sodium, Total	ND	mg/kg	120	1 6010B	0910 13:30 0911 14:33	AI
Thallium, Total	ND	mg/kg	1.2	1 6010B	0910 13:30 0911 14:33	AI
Vanadium, Total	9.9	mg/kg	0.59	1 6010B	0910 13:30 0911 14:33	AI
Zinc, Total	78	mg/kg	3.0	1 6010B	0910 13:30 0911 14:33	AI
Volatile Organics by EPA 8260B				1 8260B	0911 21:32	PD
Methylene chloride	ND	ug/kg	31.			
1,1-Dichloroethane	ND	ug/kg	4.6			
Chloroform	ND	ug/kg	4.6			
Carbon tetrachloride	ND	ug/kg	3.1			
1,2-Dichloropropane	ND	ug/kg	11.			
Dibromochloromethane	ND	ug/kg	3.1			
1,1,2-Trichloroethane	ND	ug/kg	4.6			
Tetrachloroethene	ND	ug/kg	3.1			
Chlorobenzene	ND	ug/kg	3.1			
Trichlorofluoromethane	ND	ug/kg	15.			

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-12
PWG-DW-2008-09 (6.75-7.25')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0911	21:32 PD
1,2-Dichloroethane	ND	ug/kg	3.1				
1,1,1-Trichloroethane	ND	ug/kg	3.1				
Bromodichloromethane	ND	ug/kg	3.1				
trans-1,3-Dichloropropene	ND	ug/kg	3.1				
cis-1,3-Dichloropropene	ND	ug/kg	3.1				
1,1-Dichloropropene	ND	ug/kg	15.				
Bromoform	ND	ug/kg	12.				
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.1				
Benzene	ND	ug/kg	3.1				
Toluene	ND	ug/kg	4.6				
Ethylbenzene	ND	ug/kg	3.1				
Chloromethane	ND	ug/kg	15.				
Bromomethane	ND	ug/kg	6.2				
Vinyl chloride	ND	ug/kg	6.2				
Chloroethane	ND	ug/kg	6.2				
1,1-Dichloroethene	ND	ug/kg	3.1				
trans-1,2-Dichloroethene	ND	ug/kg	4.6				
Trichloroethene	ND	ug/kg	3.1				
1,2-Dichlorobenzene	ND	ug/kg	15.				
1,3-Dichlorobenzene	ND	ug/kg	15.				
1,4-Dichlorobenzene	ND	ug/kg	15.				
Methyl tert butyl ether	ND	ug/kg	6.2				
p/m-Xylene	ND	ug/kg	6.2				
o-Xylene	ND	ug/kg	6.2				
cis-1,2-Dichloroethene	ND	ug/kg	3.1				
Dibromomethane	ND	ug/kg	31.				
Styrene	ND	ug/kg	6.2				
Dichlorodifluoromethane	ND	ug/kg	31.				
Acetone	ND	ug/kg	31.				
Carbon disulfide	ND	ug/kg	31.				
2-Butanone	ND	ug/kg	31.				
Vinyl acetate	ND	ug/kg	31.				
4-Methyl-2-pentanone	ND	ug/kg	31.				
1,2,3-Trichloropropane	ND	ug/kg	31.				
2-Hexanone	ND	ug/kg	31.				
Bromochloromethane	ND	ug/kg	15.				
2,2-Dichloropropane	ND	ug/kg	15.				
1,2-Dibromoethane	ND	ug/kg	12.				
1,3-Dichloropropane	ND	ug/kg	15.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.1				
Bromobenzene	ND	ug/kg	15.				
n-Butylbenzene	ND	ug/kg	3.1				
sec-Butylbenzene	ND	ug/kg	3.1				
tert-Butylbenzene	ND	ug/kg	15.				
o-Chlorotoluene	ND	ug/kg	15.				
p-Chlorotoluene	ND	ug/kg	15.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	15.				
Hexachlorobutadiene	ND	ug/kg	15.				
Isopropylbenzene	ND	ug/kg	3.1				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-12
PWG-DW-2008-09 (6.75-7.25')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0911	21:32 PD
p-Isopropyltoluene	ND	ug/kg	3.1				
Naphthalene	ND	ug/kg	15.				
Acrylonitrile	ND	ug/kg	31.				
n-Propylbenzene	ND	ug/kg	3.1				
1,2,3-Trichlorobenzene	ND	ug/kg	15.				
1,2,4-Trichlorobenzene	ND	ug/kg	15.				
1,3,5-Trimethylbenzene	ND	ug/kg	15.				
1,2,4-Trimethylbenzene	ND	ug/kg	15.				
1,4-Diethylbenzene	ND	ug/kg	12.				
4-Ethyltoluene	ND	ug/kg	12.				
1,2,4,5-Tetramethylbenzene	ND	ug/kg	12.				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	106	%	70-130				
Toluene-d8	114	%	70-130				
4-Bromofluorobenzene	126	%	70-130				
Dibromofluoromethane	102	%	70-130				
Semivolatile Organics by EPA 8270C				1	8270C	0911	03:30 0915 20:07 PS
Acenaphthene	ND	ug/kg	2000				
1,2,4-Trichlorobenzene	ND	ug/kg	2000				
Hexachlorobenzene	ND	ug/kg	2000				
Bis(2-chloroethyl)ether	ND	ug/kg	2000				
2-Chloronaphthalene	ND	ug/kg	2500				
1,2-Dichlorobenzene	ND	ug/kg	2000				
1,3-Dichlorobenzene	ND	ug/kg	2000				
1,4-Dichlorobenzene	ND	ug/kg	2000				
3,3'-Dichlorobenzidine	ND	ug/kg	4100				
2,4-Dinitrotoluene	ND	ug/kg	2000				
2,6-Dinitrotoluene	ND	ug/kg	2000				
Fluoranthene	ND	ug/kg	2000				
4-Chlorophenyl phenyl ether	ND	ug/kg	2000				
4-Bromophenyl phenyl ether	ND	ug/kg	2000				
Bis(2-chloroisopropyl)ether	ND	ug/kg	2000				
Bis(2-chloroethoxy)methane	ND	ug/kg	2000				
Hexachlorobutadiene	ND	ug/kg	4100				
Hexachlorocyclopentadiene	ND	ug/kg	4100				
Hexachloroethane	ND	ug/kg	2000				
Isophorone	ND	ug/kg	2000				
Naphthalene	ND	ug/kg	2000				
Nitrobenzene	ND	ug/kg	2000				
NitrosoDiPhenylAmine(NDPA)/DPA	ND	ug/kg	6200				
n-Nitrosodi-n-propylamine	ND	ug/kg	2000				
Bis(2-Ethylhexyl)phthalate	ND	ug/kg	4100				
Butyl benzyl phthalate	ND	ug/kg	2000				
Di-n-butylphthalate	ND	ug/kg	2000				
Di-n-octylphthalate	ND	ug/kg	2000				
Diethyl phthalate	ND	ug/kg	2000				
Dimethyl phthalate	ND	ug/kg	2000				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-12
PWG-DW-2008-09 (6.75-7.25')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C cont'd				1	8270C	0911 03:30	0915 20:07 PS
Benzo(a)anthracene	ND	ug/kg	2000				
Benzo(a)pyrene	ND	ug/kg	2000				
Benzo(b)fluoranthene	ND	ug/kg	2000				
Benzo(k)fluoranthene	ND	ug/kg	2000				
Chrysene	ND	ug/kg	2000				
Acenaphthylene	ND	ug/kg	2000				
Anthracene	ND	ug/kg	2000				
Benzo(ghi)perylene	ND	ug/kg	2000				
Fluorene	ND	ug/kg	2000				
Phenanthrene	ND	ug/kg	2000				
Dibenzo(a,h)anthracene	ND	ug/kg	2000				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	2000				
Pyrene	ND	ug/kg	2000				
Biphenyl	ND	ug/kg	2000				
4-Chloroaniline	ND	ug/kg	2000				
2-Nitroaniline	ND	ug/kg	2000				
3-Nitroaniline	ND	ug/kg	2000				
4-Nitroaniline	ND	ug/kg	2900				
Dibenzofuran	ND	ug/kg	2000				
2-Methylnaphthalene	ND	ug/kg	2000				
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	8200				
Acetophenone	ND	ug/kg	8200				
2,4,6-Trichlorophenol	ND	ug/kg	2000				
p-Chloro-M-Cresol	ND	ug/kg	2000				
2-Chlorophenol	ND	ug/kg	2500				
2,4-Dichlorophenol	ND	ug/kg	4100				
2,4-Dimethylphenol	ND	ug/kg	2000				
2-Nitrophenol	ND	ug/kg	8200				
4-Nitrophenol	ND	ug/kg	4100				
2,4-Dinitrophenol	ND	ug/kg	8200				
4,6-Dinitro-o-cresol	ND	ug/kg	8200				
Pentachlorophenol	ND	ug/kg	8200				
Phenol	ND	ug/kg	2900				
2-Methylphenol	ND	ug/kg	2500				
3-Methylphenol/4-Methylphenol	ND	ug/kg	2500				
2,4,5-Trichlorophenol	ND	ug/kg	2000				
Benzoic Acid	ND	ug/kg	20000				
Benzyl Alcohol	ND	ug/kg	4100				
Carbazole	ND	ug/kg	2000				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	76.0	%	25-120				
Phenol-d6	78.0	%	10-120				
Nitrobenzene-d5	63.0	%	23-120				
2-Fluorobiphenyl	66.0	%	30-120				
2,4,6-Tribromophenol	89.0	%	19-120				
4-Terphenyl-d14	68.0	%	18-120				
Semivolatile Organics by EPA 8270C-SIM				1	8270C	0911 03:30	0913 16:11 AK

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-12
PWG-DW-2008-09 (6.75-7.25')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C-SIM cont'd				1	8270C	0911 03:30	0913 16:11 AK
Acenaphthene	ND	ug/kg	820				
2-Chloronaphthalene	ND	ug/kg	820				
Fluoranthene	ND	ug/kg	820				
Hexachlorobutadiene	ND	ug/kg	2000				
Naphthalene	ND	ug/kg	820				
Benzo(a)anthracene	ND	ug/kg	820				
Benzo(a)pyrene	ND	ug/kg	820				
Benzo(b)fluoranthene	ND	ug/kg	820				
Benzo(k)fluoranthene	ND	ug/kg	820				
Chrysene	ND	ug/kg	820				
Acenaphthylene	ND	ug/kg	820				
Anthracene	ND	ug/kg	820				
Benzo(ghi)perylene	ND	ug/kg	820				
Fluorene	ND	ug/kg	820				
Phenanthrene	ND	ug/kg	820				
Dibenzo(a,h)anthracene	ND	ug/kg	820				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	820				
Pyrene	ND	ug/kg	820				
2-Methylnaphthalene	ND	ug/kg	820				
Pentachlorophenol	ND	ug/kg	3300				
Hexachlorobenzene	ND	ug/kg	3300				
Hexachloroethane	ND	ug/kg	3300				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	ND	%	25-120				
Phenol-d6	ND	%	10-120				
Nitrobenzene-d5	ND	%	23-120				
2-Fluorobiphenyl	ND	%	30-120				
2,4,6-Tribromophenol	ND	%	19-120				
4-Terphenyl-d14	ND	%	18-120				
Petroleum Hydrocarbon Quantitation by GC-FID				1	8015B(M)	0911 00:15	0912 00:20 RT
TPH	515000	ug/kg	41200				
Surrogate(s)	Recovery		QC Criteria				
o-Terphenyl	73.0	%	40-140				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS

MA:M-MA086 NH:2003 CT:PH-0574 ME:MA0086 RI:LAO00065 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0813344-13		Date Collected: 08-SEP-2008 11:40
	PWG-DW-2008-10 (6.25-6.75')	Date Received : 09-SEP-2008
Sample Matrix:	SOIL	Date Reported : 25-SEP-2008
Condition of Sample:	Satisfactory	Field Prep: None
Number & Type of Containers: 3-Amber,1-Vial		

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Solids, Total	71	%	0.10	30 2540G	0912	15:07	SD
Total Metals							
Aluminum, Total	3000	mg/kg	6.5	1 6010B	0911 13:45	0916 20:53	BM
Antimony, Total	ND	mg/kg	3.3	1 6010B	0911 13:45	0916 20:53	BM
Arsenic, Total	1.3	mg/kg	0.65	1 6010B	0911 13:45	0916 20:53	BM
Barium, Total	18	mg/kg	0.65	1 6010B	0911 13:45	0916 20:53	BM
Beryllium, Total	ND	mg/kg	0.33	1 6010B	0911 13:45	0916 20:53	BM
Cadmium, Total	1.0	mg/kg	0.65	1 6010B	0911 13:45	0916 20:53	BM
Calcium, Total	53000	mg/kg	33	1 6010B	0911 13:45	0918 11:32	AI
Chromium, Total	7.3	mg/kg	0.65	1 6010B	0911 13:45	0916 20:53	BM
Cobalt, Total	1.5	mg/kg	1.3	1 6010B	0911 13:45	0916 20:53	BM
Copper, Total	25	mg/kg	0.65	1 6010B	0911 13:45	0916 20:53	BM
Iron, Total	5000	mg/kg	3.3	1 6010B	0911 13:45	0916 20:53	BM
Lead, Total	82	mg/kg	3.3	1 6010B	0911 13:45	0916 20:53	BM
Magnesium, Total	32000	mg/kg	6.5	1 6010B	0911 13:45	0916 20:53	BM
Manganese, Total	87	mg/kg	0.65	1 6010B	0911 13:45	0916 20:53	BM
Mercury, Total	0.42	mg/kg	0.11	1 7471A	0911 23:30	0912 14:31	RC
Nickel, Total	5.9	mg/kg	1.6	1 6010B	0911 13:45	0916 20:53	BM
Potassium, Total	210	mg/kg	160	1 6010B	0911 13:45	0916 20:53	BM
Selenium, Total	ND	mg/kg	1.3	1 6010B	0911 13:45	0916 20:53	BM
Silver, Total	ND	mg/kg	0.65	1 6010B	0911 13:45	0916 20:53	BM
Sodium, Total	ND	mg/kg	130	1 6010B	0911 13:45	0916 20:53	BM
Thallium, Total	ND	mg/kg	1.3	1 6010B	0911 13:45	0916 20:53	BM
Vanadium, Total	12	mg/kg	0.65	1 6010B	0911 13:45	0916 20:53	BM
Zinc, Total	170	mg/kg	3.3	1 6010B	0911 13:45	0916 20:53	BM
Volatile Organics by EPA 8260B							
Methylene chloride	ND	ug/kg	35.	1 8260B	0912	13:16	PD
1,1-Dichloroethane	ND	ug/kg	5.3				
Chloroform	ND	ug/kg	5.3				
Carbon tetrachloride	ND	ug/kg	3.5				
1,2-Dichloropropane	ND	ug/kg	12.				
Dibromochloromethane	ND	ug/kg	3.5				
1,1,2-Trichloroethane	ND	ug/kg	5.3				
Tetrachloroethene	20	ug/kg	3.5				
Chlorobenzene	ND	ug/kg	3.5				
Trichlorofluoromethane	ND	ug/kg	18.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-13
PWG-DW-2008-10 (6.25-6.75')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0912 13:16 PD	
1,2-Dichloroethane	ND	ug/kg	3.5				
1,1,1-Trichloroethane	ND	ug/kg	3.5				
Bromodichloromethane	ND	ug/kg	3.5				
trans-1,3-Dichloropropene	ND	ug/kg	3.5				
cis-1,3-Dichloropropene	ND	ug/kg	3.5				
1,1-Dichloropropene	ND	ug/kg	18.				
Bromoform	ND	ug/kg	14.				
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.5				
Benzene	ND	ug/kg	3.5				
Toluene	ND	ug/kg	5.3				
Ethylbenzene	ND	ug/kg	3.5				
Chloromethane	ND	ug/kg	18.				
Bromomethane	ND	ug/kg	7.0				
Vinyl chloride	ND	ug/kg	7.0				
Chloroethane	ND	ug/kg	7.0				
1,1-Dichloroethene	ND	ug/kg	3.5				
trans-1,2-Dichloroethene	ND	ug/kg	5.3				
Trichloroethene	ND	ug/kg	3.5				
1,2-Dichlorobenzene	ND	ug/kg	18.				
1,3-Dichlorobenzene	ND	ug/kg	18.				
1,4-Dichlorobenzene	ND	ug/kg	18.				
Methyl tert butyl ether	ND	ug/kg	7.0				
p/m-Xylene	ND	ug/kg	7.0				
o-Xylene	ND	ug/kg	7.0				
cis-1,2-Dichloroethene	ND	ug/kg	3.5				
Dibromomethane	ND	ug/kg	35.				
Styrene	ND	ug/kg	7.0				
Dichlorodifluoromethane	ND	ug/kg	35.				
Acetone	67	ug/kg	35				
Carbon disulfide	ND	ug/kg	35.				
2-Butanone	ND	ug/kg	35.				
Vinyl acetate	ND	ug/kg	35.				
4-Methyl-2-pentanone	ND	ug/kg	35.				
1,2,3-Trichloropropane	ND	ug/kg	35.				
2-Hexanone	ND	ug/kg	35.				
Bromochloromethane	ND	ug/kg	18.				
2,2-Dichloropropane	ND	ug/kg	18.				
1,2-Dibromoethane	ND	ug/kg	14.				
1,3-Dichloropropane	ND	ug/kg	18.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.5				
Bromobenzene	ND	ug/kg	18.				
n-Butylbenzene	ND	ug/kg	3.5				
sec-Butylbenzene	ND	ug/kg	3.5				
tert-Butylbenzene	ND	ug/kg	18.				
o-Chlorotoluene	ND	ug/kg	18.				
p-Chlorotoluene	ND	ug/kg	18.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	18.				
Hexachlorobutadiene	ND	ug/kg	18.				
Isopropylbenzene	ND	ug/kg	3.5				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-13
PWG-DW-2008-10 (6.25-6.75')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0912 13:16	PD
p-Isopropyltoluene	ND	ug/kg	3.5				
Naphthalene	ND	ug/kg	18.				
Acrylonitrile	ND	ug/kg	35.				
n-Propylbenzene	ND	ug/kg	3.5				
1,2,3-Trichlorobenzene	ND	ug/kg	18.				
1,2,4-Trichlorobenzene	ND	ug/kg	18.				
1,3,5-Trimethylbenzene	ND	ug/kg	18.				
1,2,4-Trimethylbenzene	ND	ug/kg	18.				
1,4-Diethylbenzene	ND	ug/kg	14.				
4-Ethyltoluene	ND	ug/kg	14.				
1,2,4,5-Tetramethylbenzene	ND	ug/kg	14.				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	92.0	%	70-130				
Toluene-d8	99.0	%	70-130				
4-Bromofluorobenzene	116	%	70-130				
Dibromofluoromethane	92.0	%	70-130				
Semivolatile Organics by EPA 8270C				1	8270C	0911 21:40	0913 18:09 PS
Acenaphthene	ND	ug/kg	2300				
1,2,4-Trichlorobenzene	ND	ug/kg	2300				
Hexachlorobenzene	ND	ug/kg	2300				
Bis(2-chloroethyl)ether	ND	ug/kg	2300				
2-Chloronaphthalene	ND	ug/kg	2800				
1,2-Dichlorobenzene	ND	ug/kg	2300				
1,3-Dichlorobenzene	ND	ug/kg	2300				
1,4-Dichlorobenzene	ND	ug/kg	2300				
3,3'-Dichlorobenzidine	ND	ug/kg	4700				
2,4-Dinitrotoluene	ND	ug/kg	2300				
2,6-Dinitrotoluene	ND	ug/kg	2300				
Fluoranthene	ND	ug/kg	2300				
4-Chlorophenyl phenyl ether	ND	ug/kg	2300				
4-Bromophenyl phenyl ether	ND	ug/kg	2300				
Bis(2-chloroisopropyl)ether	ND	ug/kg	2300				
Bis(2-chloroethoxy)methane	ND	ug/kg	2300				
Hexachlorobutadiene	ND	ug/kg	4700				
Hexachlorocyclopentadiene	ND	ug/kg	4700				
Hexachloroethane	ND	ug/kg	2300				
Isophorone	ND	ug/kg	2300				
Naphthalene	ND	ug/kg	2300				
Nitrobenzene	ND	ug/kg	2300				
NitrosoDiPhenylAmine(NDPA)/DPA	ND	ug/kg	7000				
n-Nitrosodi-n-propylamine	ND	ug/kg	2300				
Bis(2-Ethylhexyl)phthalate	ND	ug/kg	4700				
Butyl benzyl phthalate	ND	ug/kg	2300				
Di-n-butylphthalate	ND	ug/kg	2300				
Di-n-octylphthalate	ND	ug/kg	2300				
Diethyl phthalate	ND	ug/kg	2300				
Dimethyl phthalate	ND	ug/kg	2300				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-13
PWG-DW-2008-10 (6.25-6.75')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C cont'd				1	8270C	0911 21:40	0913 18:09 PS
Benzo(a)anthracene	ND	ug/kg	2300				
Benzo(a)pyrene	ND	ug/kg	2300				
Benzo(b)fluoranthene	ND	ug/kg	2300				
Benzo(k)fluoranthene	ND	ug/kg	2300				
Chrysene	ND	ug/kg	2300				
Acenaphthylene	ND	ug/kg	2300				
Anthracene	ND	ug/kg	2300				
Benzo(ghi)perylene	ND	ug/kg	2300				
Fluorene	ND	ug/kg	2300				
Phenanthrene	ND	ug/kg	2300				
Dibenzo(a,h)anthracene	ND	ug/kg	2300				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	2300				
Pyrene	ND	ug/kg	2300				
Biphenyl	ND	ug/kg	2300				
4-Chloroaniline	ND	ug/kg	2300				
2-Nitroaniline	ND	ug/kg	2300				
3-Nitroaniline	ND	ug/kg	2300				
4-Nitroaniline	ND	ug/kg	3300				
Dibenzofuran	ND	ug/kg	2300				
2-Methylnaphthalene	ND	ug/kg	2300				
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	9400				
Acetophenone	ND	ug/kg	9400				
2,4,6-Trichlorophenol	ND	ug/kg	2300				
p-Chloro-M-Cresol	ND	ug/kg	2300				
2-Chlorophenol	ND	ug/kg	2800				
2,4-Dichlorophenol	ND	ug/kg	4700				
2,4-Dimethylphenol	ND	ug/kg	2300				
2-Nitrophenol	ND	ug/kg	9400				
4-Nitrophenol	ND	ug/kg	4700				
2,4-Dinitrophenol	ND	ug/kg	9400				
4,6-Dinitro-o-cresol	ND	ug/kg	9400				
Pentachlorophenol	ND	ug/kg	9400				
Phenol	ND	ug/kg	3300				
2-Methylphenol	ND	ug/kg	2800				
3-Methylphenol/4-Methylphenol	ND	ug/kg	2800				
2,4,5-Trichlorophenol	ND	ug/kg	2300				
Benzoic Acid	ND	ug/kg	23000				
Benzyl Alcohol	ND	ug/kg	4700				
Carbazole	ND	ug/kg	2300				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	71.0	%	25-120				
Phenol-d6	72.0	%	10-120				
Nitrobenzene-d5	62.0	%	23-120				
2-Fluorobiphenyl	70.0	%	30-120				
2,4,6-Tribromophenol	97.0	%	19-120				
4-Terphenyl-d14	76.0	%	18-120				
Semivolatile Organics by EPA 8270C-SIM				1	8270C	0911 21:40	0914 06:51 AK

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-13
PWG-DW-2008-10 (6.25-6.75')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C-SIM cont'd				1	8270C	0911 21:40	0914 06:51 AK
Acenaphthene	ND	ug/kg	190				
2-Chloronaphthalene	ND	ug/kg	190				
Fluoranthene	ND	ug/kg	190				
Hexachlorobutadiene	ND	ug/kg	470				
Naphthalene	ND	ug/kg	190				
Benzo(a)anthracene	ND	ug/kg	190				
Benzo(a)pyrene	ND	ug/kg	190				
Benzo(b)fluoranthene	ND	ug/kg	190				
Benzo(k)fluoranthene	ND	ug/kg	190				
Chrysene	ND	ug/kg	190				
Acenaphthylene	ND	ug/kg	190				
Anthracene	ND	ug/kg	190				
Benzo(ghi)perylene	ND	ug/kg	190				
Fluorene	ND	ug/kg	190				
Phenanthrene	ND	ug/kg	190				
Dibenzo(a,h)anthracene	ND	ug/kg	190				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	190				
Pyrene	ND	ug/kg	190				
2-Methylnaphthalene	ND	ug/kg	190				
Pentachlorophenol	ND	ug/kg	750				
Hexachlorobenzene	ND	ug/kg	750				
Hexachloroethane	ND	ug/kg	750				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	68.0	%	25-120				
Phenol-d6	72.0	%	10-120				
Nitrobenzene-d5	58.0	%	23-120				
2-Fluorobiphenyl	69.0	%	30-120				
2,4,6-Tribromophenol	84.0	%	19-120				
4-Terphenyl-d14	72.0	%	18-120				
Petroleum Hydrocarbon Quantitation by GC-FID				1	8015B(M)	0911 23:00	0912 10:55 JL
TPH	97400	ug/kg	46900				
Surrogate(s)	Recovery		QC Criteria				
o-Terphenyl	68.0	%	40-140				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

MA:M-MA086 NH:2003 CT:PH-0574 ME:MA0086 RI:LAO00065 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0813344-14 **Date Collected:** 08-SEP-2008 11:55
 PWG-DW-2008-11 (6.75-7.25') **Date Received :** 09-SEP-2008
Sample Matrix: SOIL **Date Reported :** 25-SEP-2008
Condition of Sample: Satisfactory **Field Prep:** None
Number & Type of Containers: 3-Amber,1-Vial

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Solids, Total	80	%	0.10	30 2540G	0910	18:40	NM
Total Metals							
Aluminum, Total	1900	mg/kg	5.8	1 6010B	0910	13:30	0911 14:36 AI
Antimony, Total	ND	mg/kg	2.9	1 6010B	0910	13:30	0911 14:36 AI
Arsenic, Total	1.6	mg/kg	0.58	1 6010B	0910	13:30	0911 14:36 AI
Barium, Total	15	mg/kg	0.58	1 6010B	0910	13:30	0911 14:36 AI
Beryllium, Total	ND	mg/kg	0.29	1 6010B	0910	13:30	0911 14:36 AI
Cadmium, Total	ND	mg/kg	0.58	1 6010B	0910	13:30	0911 14:36 AI
Calcium, Total	14000	mg/kg	5.8	1 6010B	0910	13:30	0911 14:36 AI
Chromium, Total	6.5	mg/kg	0.58	1 6010B	0910	13:30	0911 14:36 AI
Cobalt, Total	1.2	mg/kg	1.2	1 6010B	0910	13:30	0911 14:36 AI
Copper, Total	14	mg/kg	0.58	1 6010B	0910	13:30	0911 14:36 AI
Iron, Total	2700	mg/kg	2.9	1 6010B	0910	13:30	0911 14:36 AI
Lead, Total	70	mg/kg	2.9	1 6010B	0910	13:30	0911 14:36 AI
Magnesium, Total	8500	mg/kg	5.8	1 6010B	0910	13:30	0911 14:36 AI
Manganese, Total	29	mg/kg	0.58	1 6010B	0910	13:30	0911 14:36 AI
Mercury, Total	0.31	mg/kg	0.10	1 7471A	0911	23:30	0912 14:33 RC
Nickel, Total	3.8	mg/kg	1.5	1 6010B	0910	13:30	0911 14:36 AI
Potassium, Total	160	mg/kg	150	1 6010B	0910	13:30	0911 14:36 AI
Selenium, Total	ND	mg/kg	1.2	1 6010B	0910	13:30	0911 14:36 AI
Silver, Total	ND	mg/kg	0.58	1 6010B	0910	13:30	0911 14:36 AI
Sodium, Total	ND	mg/kg	120	1 6010B	0910	13:30	0911 14:36 AI
Thallium, Total	ND	mg/kg	1.2	1 6010B	0910	13:30	0911 14:36 AI
Vanadium, Total	8.9	mg/kg	0.58	1 6010B	0910	13:30	0911 14:36 AI
Zinc, Total	69	mg/kg	2.9	1 6010B	0910	13:30	0911 14:36 AI
Volatile Organics by EPA 8260B							
Methylene chloride	ND	ug/kg	31.	1 8260B	0911	22:09	PD
1,1-Dichloroethane	ND	ug/kg	4.7				
Chloroform	ND	ug/kg	4.7				
Carbon tetrachloride	ND	ug/kg	3.1				
1,2-Dichloropropane	ND	ug/kg	11.				
Dibromochloromethane	ND	ug/kg	3.1				
1,1,2-Trichloroethane	ND	ug/kg	4.7				
Tetrachloroethene	ND	ug/kg	3.1				
Chlorobenzene	ND	ug/kg	3.1				
Trichlorofluoromethane	ND	ug/kg	16.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-14
PWG-DW-2008-11 (6.75-7.25')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0911 22:09 PD	
1,2-Dichloroethane	ND	ug/kg	3.1				
1,1,1-Trichloroethane	5.3	ug/kg	3.1				
Bromodichloromethane	ND	ug/kg	3.1				
trans-1,3-Dichloropropene	ND	ug/kg	3.1				
cis-1,3-Dichloropropene	ND	ug/kg	3.1				
1,1-Dichloropropene	ND	ug/kg	16.				
Bromoform	ND	ug/kg	12.				
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.1				
Benzene	ND	ug/kg	3.1				
Toluene	ND	ug/kg	4.7				
Ethylbenzene	ND	ug/kg	3.1				
Chloromethane	ND	ug/kg	16.				
Bromomethane	ND	ug/kg	6.2				
Vinyl chloride	ND	ug/kg	6.2				
Chloroethane	ND	ug/kg	6.2				
1,1-Dichloroethene	ND	ug/kg	3.1				
trans-1,2-Dichloroethene	ND	ug/kg	4.7				
Trichloroethene	ND	ug/kg	3.1				
1,2-Dichlorobenzene	ND	ug/kg	16.				
1,3-Dichlorobenzene	ND	ug/kg	16.				
1,4-Dichlorobenzene	ND	ug/kg	16.				
Methyl tert butyl ether	ND	ug/kg	6.2				
p/m-Xylene	ND	ug/kg	6.2				
o-Xylene	ND	ug/kg	6.2				
cis-1,2-Dichloroethene	ND	ug/kg	3.1				
Dibromomethane	ND	ug/kg	31.				
Styrene	ND	ug/kg	6.2				
Dichlorodifluoromethane	ND	ug/kg	31.				
Acetone	ND	ug/kg	31.				
Carbon disulfide	ND	ug/kg	31.				
2-Butanone	ND	ug/kg	31.				
Vinyl acetate	ND	ug/kg	31.				
4-Methyl-2-pentanone	ND	ug/kg	31.				
1,2,3-Trichloropropane	ND	ug/kg	31.				
2-Hexanone	ND	ug/kg	31.				
Bromochloromethane	ND	ug/kg	16.				
2,2-Dichloropropane	ND	ug/kg	16.				
1,2-Dibromoethane	ND	ug/kg	12.				
1,3-Dichloropropane	ND	ug/kg	16.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.1				
Bromobenzene	ND	ug/kg	16.				
n-Butylbenzene	ND	ug/kg	3.1				
sec-Butylbenzene	ND	ug/kg	3.1				
tert-Butylbenzene	ND	ug/kg	16.				
o-Chlorotoluene	ND	ug/kg	16.				
p-Chlorotoluene	ND	ug/kg	16.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	16.				
Hexachlorobutadiene	ND	ug/kg	16.				
Isopropylbenzene	ND	ug/kg	3.1				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-14
PWG-DW-2008-11 (6.75-7.25')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0911 22:09	PD
p-Isopropyltoluene	ND	ug/kg	3.1				
Naphthalene	ND	ug/kg	16.				
Acrylonitrile	ND	ug/kg	31.				
n-Propylbenzene	ND	ug/kg	3.1				
1,2,3-Trichlorobenzene	ND	ug/kg	16.				
1,2,4-Trichlorobenzene	ND	ug/kg	16.				
1,3,5-Trimethylbenzene	ND	ug/kg	16.				
1,2,4-Trimethylbenzene	ND	ug/kg	16.				
1,4-Diethylbenzene	ND	ug/kg	12.				
4-Ethyltoluene	ND	ug/kg	12.				
1,2,4,5-Tetramethylbenzene	ND	ug/kg	12.				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	106	%	70-130				
Toluene-d8	108	%	70-130				
4-Bromofluorobenzene	123	%	70-130				
Dibromofluoromethane	100	%	70-130				
Semivolatile Organics by EPA 8270C				1	8270C	0911 03:30	0912 20:32 PS
Acenaphthene	ND	ug/kg	420				
1,2,4-Trichlorobenzene	ND	ug/kg	420				
Hexachlorobenzene	ND	ug/kg	420				
Bis(2-chloroethyl)ether	ND	ug/kg	420				
2-Chloronaphthalene	ND	ug/kg	500				
1,2-Dichlorobenzene	ND	ug/kg	420				
1,3-Dichlorobenzene	ND	ug/kg	420				
1,4-Dichlorobenzene	ND	ug/kg	420				
3,3'-Dichlorobenzidine	ND	ug/kg	830				
2,4-Dinitrotoluene	ND	ug/kg	420				
2,6-Dinitrotoluene	ND	ug/kg	420				
Fluoranthene	ND	ug/kg	420				
4-Chlorophenyl phenyl ether	ND	ug/kg	420				
4-Bromophenyl phenyl ether	ND	ug/kg	420				
Bis(2-chloroisopropyl)ether	ND	ug/kg	420				
Bis(2-chloroethoxy)methane	ND	ug/kg	420				
Hexachlorobutadiene	ND	ug/kg	830				
Hexachlorocyclopentadiene	ND	ug/kg	830				
Hexachloroethane	ND	ug/kg	420				
Isophorone	ND	ug/kg	420				
Naphthalene	ND	ug/kg	420				
Nitrobenzene	ND	ug/kg	420				
NitrosoDiPhenylAmine(NDPA)/DPA	ND	ug/kg	1200				
n-Nitrosodi-n-propylamine	ND	ug/kg	420				
Bis(2-Ethylhexyl)phthalate	ND	ug/kg	830				
Butyl benzyl phthalate	ND	ug/kg	420				
Di-n-butylphthalate	ND	ug/kg	420				
Di-n-octylphthalate	ND	ug/kg	420				
Diethyl phthalate	ND	ug/kg	420				
Dimethyl phthalate	ND	ug/kg	420				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-14
PWG-DW-2008-11 (6.75-7.25')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C cont'd				1	8270C	0911 03:30	0912 20:32 PS
Benzo(a)anthracene	ND	ug/kg	420				
Benzo(a)pyrene	ND	ug/kg	420				
Benzo(b)fluoranthene	ND	ug/kg	420				
Benzo(k)fluoranthene	ND	ug/kg	420				
Chrysene	ND	ug/kg	420				
Acenaphthylene	ND	ug/kg	420				
Anthracene	ND	ug/kg	420				
Benzo(ghi)perylene	ND	ug/kg	420				
Fluorene	ND	ug/kg	420				
Phenanthrene	ND	ug/kg	420				
Dibenzo(a,h)anthracene	ND	ug/kg	420				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	420				
Pyrene	ND	ug/kg	420				
Biphenyl	ND	ug/kg	420				
4-Chloroaniline	ND	ug/kg	420				
2-Nitroaniline	ND	ug/kg	420				
3-Nitroaniline	ND	ug/kg	420				
4-Nitroaniline	ND	ug/kg	580				
Dibenzofuran	ND	ug/kg	420				
2-Methylnaphthalene	ND	ug/kg	420				
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	1700				
Acetophenone	ND	ug/kg	1700				
2,4,6-Trichlorophenol	ND	ug/kg	420				
p-Chloro-M-Cresol	ND	ug/kg	420				
2-Chlorophenol	ND	ug/kg	500				
2,4-Dichlorophenol	ND	ug/kg	830				
2,4-Dimethylphenol	ND	ug/kg	420				
2-Nitrophenol	ND	ug/kg	1700				
4-Nitrophenol	ND	ug/kg	830				
2,4-Dinitrophenol	ND	ug/kg	1700				
4,6-Dinitro-o-cresol	ND	ug/kg	1700				
Pentachlorophenol	ND	ug/kg	1700				
Phenol	ND	ug/kg	580				
2-Methylphenol	ND	ug/kg	500				
3-Methylphenol/4-Methylphenol	ND	ug/kg	500				
2,4,5-Trichlorophenol	ND	ug/kg	420				
Benzoic Acid	ND	ug/kg	4200				
Benzyl Alcohol	ND	ug/kg	830				
Carbazole	ND	ug/kg	420				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	38.0	%	25-120				
Phenol-d6	39.0	%	10-120				
Nitrobenzene-d5	34.0	%	23-120				
2-Fluorobiphenyl	35.0	%	30-120				
2,4,6-Tribromophenol	55.0	%	19-120				
4-Terphenyl-d14	44.0	%	18-120				
Semivolatile Organics by EPA 8270C-SIM				1	8270C	0911 03:30	0913 16:58 AK

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-14
PWG-DW-2008-11 (6.75-7.25')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C-SIM cont'd				1	8270C	0911 03:30	0913 16:58 AK
Acenaphthene	ND	ug/kg	33.				
2-Chloronaphthalene	ND	ug/kg	33.				
Fluoranthene	ND	ug/kg	33.				
Hexachlorobutadiene	ND	ug/kg	83.				
Naphthalene	ND	ug/kg	33.				
Benzo(a)anthracene	ND	ug/kg	33.				
Benzo(a)pyrene	ND	ug/kg	33.				
Benzo(b)fluoranthene	ND	ug/kg	33.				
Benzo(k)fluoranthene	ND	ug/kg	33.				
Chrysene	ND	ug/kg	33.				
Acenaphthylene	ND	ug/kg	33.				
Anthracene	ND	ug/kg	33.				
Benzo(ghi)perylene	ND	ug/kg	33.				
Fluorene	ND	ug/kg	33.				
Phenanthrene	ND	ug/kg	33.				
Dibenzo(a,h)anthracene	ND	ug/kg	33.				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	33.				
Pyrene	ND	ug/kg	33.				
2-Methylnaphthalene	ND	ug/kg	33.				
Pentachlorophenol	ND	ug/kg	130				
Hexachlorobenzene	ND	ug/kg	130				
Hexachloroethane	ND	ug/kg	130				
Surrogate(s)	Recovery						QC Criteria
2-Fluorophenol	33.0	%					25-120
Phenol-d6	35.0	%					10-120
Nitrobenzene-d5	29.0	%					23-120
2-Fluorobiphenyl	32.0	%					30-120
2,4,6-Tribromophenol	40.0	%					19-120
4-Terphenyl-d14	41.0	%					18-120
Petroleum Hydrocarbon Quantitation by GC-FID				1	8015B(M)	0911 00:15	0912 00:54 RT
TPH	180000	ug/kg	41700				
Surrogate(s)	Recovery						QC Criteria
o-Terphenyl	80.0	%					40-140

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

MA:M-MA086 NH:2003 CT:PH-0574 ME:MA0086 RI:LAO00065 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0813344-15
 PWG-DW-2008-12 (7.25-7.75')
Sample Matrix: SOIL
Condition of Sample: Satisfactory
Number & Type of Containers: 3-Amber,1-Vial

Date Collected: 08-SEP-2008 12:05
Date Received : 09-SEP-2008
Date Reported : 25-SEP-2008
Field Prep: None

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Solids, Total	83	%	0.10	30 2540G	0910	18:40	NM
Total Metals							
Aluminum, Total	3000	mg/kg	5.9	1 6010B	0910	13:30	0911 14:39 AI
Antimony, Total	ND	mg/kg	3.0	1 6010B	0910	13:30	0911 14:39 AI
Arsenic, Total	1.2	mg/kg	0.59	1 6010B	0910	13:30	0911 14:39 AI
Barium, Total	48	mg/kg	0.59	1 6010B	0910	13:30	0911 14:39 AI
Beryllium, Total	ND	mg/kg	0.30	1 6010B	0910	13:30	0911 14:39 AI
Cadmium, Total	ND	mg/kg	0.59	1 6010B	0910	13:30	0911 14:39 AI
Calcium, Total	17000	mg/kg	5.9	1 6010B	0910	13:30	0911 14:39 AI
Chromium, Total	5.7	mg/kg	0.59	1 6010B	0910	13:30	0911 14:39 AI
Cobalt, Total	1.5	mg/kg	1.2	1 6010B	0910	13:30	0911 14:39 AI
Copper, Total	6.0	mg/kg	0.59	1 6010B	0910	13:30	0911 14:39 AI
Iron, Total	4600	mg/kg	3.0	1 6010B	0910	13:30	0911 14:39 AI
Lead, Total	42	mg/kg	3.0	1 6010B	0910	13:30	0911 14:39 AI
Magnesium, Total	12000	mg/kg	5.9	1 6010B	0910	13:30	0911 14:39 AI
Manganese, Total	47	mg/kg	0.59	1 6010B	0910	13:30	0911 14:39 AI
Mercury, Total	ND	mg/kg	0.10	1 7471A	0911	23:30	0912 14:34 RC
Nickel, Total	2.6	mg/kg	1.5	1 6010B	0910	13:30	0911 14:39 AI
Potassium, Total	620	mg/kg	150	1 6010B	0910	13:30	0911 14:39 AI
Selenium, Total	ND	mg/kg	1.2	1 6010B	0910	13:30	0911 14:39 AI
Silver, Total	ND	mg/kg	0.59	1 6010B	0910	13:30	0911 14:39 AI
Sodium, Total	ND	mg/kg	120	1 6010B	0910	13:30	0911 14:39 AI
Thallium, Total	ND	mg/kg	1.2	1 6010B	0910	13:30	0911 14:39 AI
Vanadium, Total	8.6	mg/kg	0.59	1 6010B	0910	13:30	0911 14:39 AI
Zinc, Total	42	mg/kg	3.0	1 6010B	0910	13:30	0911 14:39 AI
Volatile Organics by EPA 8260B				1 8260B	0911	22:45	PD
Methylene chloride	ND	ug/kg	30.				
1,1-Dichloroethane	ND	ug/kg	4.5				
Chloroform	ND	ug/kg	4.5				
Carbon tetrachloride	ND	ug/kg	3.0				
1,2-Dichloropropane	ND	ug/kg	10.				
Dibromochloromethane	ND	ug/kg	3.0				
1,1,2-Trichloroethane	ND	ug/kg	4.5				
Tetrachloroethene	ND	ug/kg	3.0				
Chlorobenzene	ND	ug/kg	3.0				
Trichlorofluoromethane	ND	ug/kg	15.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-15
PWG-DW-2008-12 (7.25-7.75')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0911 22:45 PD	
1,2-Dichloroethane	ND	ug/kg	3.0				
1,1,1-Trichloroethane	ND	ug/kg	3.0				
Bromodichloromethane	ND	ug/kg	3.0				
trans-1,3-Dichloropropene	ND	ug/kg	3.0				
cis-1,3-Dichloropropene	ND	ug/kg	3.0				
1,1-Dichloropropene	ND	ug/kg	15.				
Bromoform	ND	ug/kg	12.				
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.0				
Benzene	ND	ug/kg	3.0				
Toluene	ND	ug/kg	4.5				
Ethylbenzene	ND	ug/kg	3.0				
Chloromethane	ND	ug/kg	15.				
Bromomethane	ND	ug/kg	6.0				
Vinyl chloride	ND	ug/kg	6.0				
Chloroethane	ND	ug/kg	6.0				
1,1-Dichloroethene	ND	ug/kg	3.0				
trans-1,2-Dichloroethene	ND	ug/kg	4.5				
Trichloroethene	ND	ug/kg	3.0				
1,2-Dichlorobenzene	ND	ug/kg	15.				
1,3-Dichlorobenzene	ND	ug/kg	15.				
1,4-Dichlorobenzene	ND	ug/kg	15.				
Methyl tert butyl ether	ND	ug/kg	6.0				
p/m-Xylene	ND	ug/kg	6.0				
o-Xylene	ND	ug/kg	6.0				
cis-1,2-Dichloroethene	ND	ug/kg	3.0				
Dibromomethane	ND	ug/kg	30.				
Styrene	ND	ug/kg	6.0				
Dichlorodifluoromethane	ND	ug/kg	30.				
Acetone	ND	ug/kg	30.				
Carbon disulfide	ND	ug/kg	30.				
2-Butanone	ND	ug/kg	30.				
Vinyl acetate	ND	ug/kg	30.				
4-Methyl-2-pentanone	ND	ug/kg	30.				
1,2,3-Trichloropropane	ND	ug/kg	30.				
2-Hexanone	ND	ug/kg	30.				
Bromochloromethane	ND	ug/kg	15.				
2,2-Dichloropropane	ND	ug/kg	15.				
1,2-Dibromoethane	ND	ug/kg	12.				
1,3-Dichloropropane	ND	ug/kg	15.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.0				
Bromobenzene	ND	ug/kg	15.				
n-Butylbenzene	ND	ug/kg	3.0				
sec-Butylbenzene	ND	ug/kg	3.0				
tert-Butylbenzene	ND	ug/kg	15.				
o-Chlorotoluene	ND	ug/kg	15.				
p-Chlorotoluene	ND	ug/kg	15.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	15.				
Hexachlorobutadiene	ND	ug/kg	15.				
Isopropylbenzene	ND	ug/kg	3.0				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-15
PWG-DW-2008-12 (7.25-7.75')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0911 22:45	PD
p-Isopropyltoluene	ND	ug/kg	3.0				
Naphthalene	ND	ug/kg	15.				
Acrylonitrile	ND	ug/kg	30.				
n-Propylbenzene	ND	ug/kg	3.0				
1,2,3-Trichlorobenzene	ND	ug/kg	15.				
1,2,4-Trichlorobenzene	ND	ug/kg	15.				
1,3,5-Trimethylbenzene	ND	ug/kg	15.				
1,2,4-Trimethylbenzene	ND	ug/kg	15.				
1,4-Diethylbenzene	ND	ug/kg	12.				
4-Ethyltoluene	ND	ug/kg	12.				
1,2,4,5-Tetramethylbenzene	ND	ug/kg	12.				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	107	%	70-130				
Toluene-d8	108	%	70-130				
4-Bromofluorobenzene	120	%	70-130				
Dibromofluoromethane	104	%	70-130				
Semivolatile Organics by EPA 8270C				1	8270C	0911 03:30	0912 20:55 PS
Acenaphthene	ND	ug/kg	400				
1,2,4-Trichlorobenzene	ND	ug/kg	400				
Hexachlorobenzene	ND	ug/kg	400				
Bis(2-chloroethyl)ether	ND	ug/kg	400				
2-Chloronaphthalene	ND	ug/kg	480				
1,2-Dichlorobenzene	ND	ug/kg	400				
1,3-Dichlorobenzene	ND	ug/kg	400				
1,4-Dichlorobenzene	ND	ug/kg	400				
3,3'-Dichlorobenzidine	ND	ug/kg	800				
2,4-Dinitrotoluene	ND	ug/kg	400				
2,6-Dinitrotoluene	ND	ug/kg	400				
Fluoranthene	ND	ug/kg	400				
4-Chlorophenyl phenyl ether	ND	ug/kg	400				
4-Bromophenyl phenyl ether	ND	ug/kg	400				
Bis(2-chloroisopropyl)ether	ND	ug/kg	400				
Bis(2-chloroethoxy)methane	ND	ug/kg	400				
Hexachlorobutadiene	ND	ug/kg	800				
Hexachlorocyclopentadiene	ND	ug/kg	800				
Hexachloroethane	ND	ug/kg	400				
Isophorone	ND	ug/kg	400				
Naphthalene	ND	ug/kg	400				
Nitrobenzene	ND	ug/kg	400				
NitrosoDiPhenylAmine(NDPA)/DPA	ND	ug/kg	1200				
n-Nitrosodi-n-propylamine	ND	ug/kg	400				
Bis(2-Ethylhexyl)phthalate	ND	ug/kg	800				
Butyl benzyl phthalate	ND	ug/kg	400				
Di-n-butylphthalate	ND	ug/kg	400				
Di-n-octylphthalate	ND	ug/kg	400				
Diethyl phthalate	ND	ug/kg	400				
Dimethyl phthalate	ND	ug/kg	400				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-15
PWG-DW-2008-12 (7.25-7.75')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C cont'd				1	8270C	0911 03:30	0912 20:55 PS
Benzo(a)anthracene	ND	ug/kg	400				
Benzo(a)pyrene	ND	ug/kg	400				
Benzo(b)fluoranthene	ND	ug/kg	400				
Benzo(k)fluoranthene	ND	ug/kg	400				
Chrysene	ND	ug/kg	400				
Acenaphthylene	ND	ug/kg	400				
Anthracene	ND	ug/kg	400				
Benzo(ghi)perylene	ND	ug/kg	400				
Fluorene	ND	ug/kg	400				
Phenanthrene	ND	ug/kg	400				
Dibenzo(a,h)anthracene	ND	ug/kg	400				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	400				
Pyrene	ND	ug/kg	400				
Biphenyl	ND	ug/kg	400				
4-Chloroaniline	ND	ug/kg	400				
2-Nitroaniline	ND	ug/kg	400				
3-Nitroaniline	ND	ug/kg	400				
4-Nitroaniline	ND	ug/kg	560				
Dibenzofuran	ND	ug/kg	400				
2-Methylnaphthalene	ND	ug/kg	400				
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	1600				
Acetophenone	ND	ug/kg	1600				
2,4,6-Trichlorophenol	ND	ug/kg	400				
p-Chloro-M-Cresol	ND	ug/kg	400				
2-Chlorophenol	ND	ug/kg	480				
2,4-Dichlorophenol	ND	ug/kg	800				
2,4-Dimethylphenol	ND	ug/kg	400				
2-Nitrophenol	ND	ug/kg	1600				
4-Nitrophenol	ND	ug/kg	800				
2,4-Dinitrophenol	ND	ug/kg	1600				
4,6-Dinitro-o-cresol	ND	ug/kg	1600				
Pentachlorophenol	ND	ug/kg	1600				
Phenol	ND	ug/kg	560				
2-Methylphenol	ND	ug/kg	480				
3-Methylphenol/4-Methylphenol	ND	ug/kg	480				
2,4,5-Trichlorophenol	ND	ug/kg	400				
Benzoic Acid	ND	ug/kg	4000				
Benzyl Alcohol	ND	ug/kg	800				
Carbazole	ND	ug/kg	400				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	38.0	%	25-120				
Phenol-d6	36.0	%	10-120				
Nitrobenzene-d5	32.0	%	23-120				
2-Fluorobiphenyl	32.0	%	30-120				
2,4,6-Tribromophenol	46.0	%	19-120				
4-Terphenyl-d14	40.0	%	18-120				
Semivolatile Organics by EPA 8270C-SIM				1	8270C	0911 03:30	0913 17:45 AK

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-15
PWG-DW-2008-12 (7.25-7.75')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C-SIM cont'd				1	8270C	0911 03:30	0913 17:45 AK
Acenaphthene	ND	ug/kg	32.				
2-Chloronaphthalene	ND	ug/kg	32.				
Fluoranthene	64	ug/kg	32				
Hexachlorobutadiene	ND	ug/kg	80.				
Naphthalene	ND	ug/kg	32.				
Benzo(a)anthracene	ND	ug/kg	32.				
Benzo(a)pyrene	ND	ug/kg	32.				
Benzo(b)fluoranthene	ND	ug/kg	32.				
Benzo(k)fluoranthene	ND	ug/kg	32.				
Chrysene	ND	ug/kg	32.				
Acenaphthylene	ND	ug/kg	32.				
Anthracene	ND	ug/kg	32.				
Benzo(ghi)perylene	ND	ug/kg	32.				
Fluorene	ND	ug/kg	32.				
Phenanthrene	ND	ug/kg	32.				
Dibenzo(a,h)anthracene	ND	ug/kg	32.				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	32.				
Pyrene	67	ug/kg	32				
2-Methylnaphthalene	ND	ug/kg	32.				
Pentachlorophenol	ND	ug/kg	130				
Hexachlorobenzene	ND	ug/kg	130				
Hexachloroethane	ND	ug/kg	130				
Surrogate(s)	Recovery						QC Criteria
2-Fluorophenol	32.0	%					25-120
Phenol-d6	34.0	%					10-120
Nitrobenzene-d5	29.0	%					23-120
2-Fluorobiphenyl	30.0	%					30-120
2,4,6-Tribromophenol	34.0	%					19-120
4-Terphenyl-d14	38.0	%					18-120
Petroleum Hydrocarbon Quantitation by GC-FID				1	8015B(M)	0911 00:15	0912 12:37 RT
TPH	66500	ug/kg	40200				
Surrogate(s)	Recovery						QC Criteria
o-Terphenyl	65.0	%					40-140

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

MA:M-MA086 NH:2003 CT:PH-0574 ME:MA0086 RI:LAO00065 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0813344-16 Date Collected: 08-SEP-2008 12:20
 PWG-DW-2008-13 (7.25-7.75') Date Received : 09-SEP-2008
 Sample Matrix: SOIL Date Reported : 25-SEP-2008
 Condition of Sample: Satisfactory Field Prep: None
 Number & Type of Containers: 3-Amber,1-Vial

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Solids, Total	86	%	0.10	30 2540G	0910	18:40	NM
Total Metals							
Aluminum, Total	1500	mg/kg	5.7	1 6010B	0910	13:30	0911 14:43 AI
Antimony, Total	ND	mg/kg	2.8	1 6010B	0910	13:30	0911 14:43 AI
Arsenic, Total	1.1	mg/kg	0.57	1 6010B	0910	13:30	0911 14:43 AI
Barium, Total	16	mg/kg	0.57	1 6010B	0910	13:30	0911 14:43 AI
Beryllium, Total	ND	mg/kg	0.28	1 6010B	0910	13:30	0911 14:43 AI
Cadmium, Total	ND	mg/kg	0.57	1 6010B	0910	13:30	0911 14:43 AI
Calcium, Total	7000	mg/kg	5.7	1 6010B	0910	13:30	0911 14:43 AI
Chromium, Total	2.5	mg/kg	0.57	1 6010B	0910	13:30	0911 14:43 AI
Cobalt, Total	ND	mg/kg	1.1	1 6010B	0910	13:30	0911 14:43 AI
Copper, Total	3.1	mg/kg	0.57	1 6010B	0910	13:30	0911 14:43 AI
Iron, Total	2400	mg/kg	2.8	1 6010B	0910	13:30	0911 14:43 AI
Lead, Total	26	mg/kg	2.8	1 6010B	0910	13:30	0911 14:43 AI
Magnesium, Total	3900	mg/kg	5.7	1 6010B	0910	13:30	0911 14:43 AI
Manganese, Total	31	mg/kg	0.57	1 6010B	0910	13:30	0911 14:43 AI
Mercury, Total	ND	mg/kg	0.09	1 7471A	0911	23:30	0912 14:36 RC
Nickel, Total	1.4	mg/kg	1.4	1 6010B	0910	13:30	0911 14:43 AI
Potassium, Total	ND	mg/kg	140	1 6010B	0910	13:30	0911 14:43 AI
Selenium, Total	ND	mg/kg	1.1	1 6010B	0910	13:30	0911 14:43 AI
Silver, Total	ND	mg/kg	0.57	1 6010B	0910	13:30	0911 14:43 AI
Sodium, Total	ND	mg/kg	110	1 6010B	0910	13:30	0911 14:43 AI
Thallium, Total	ND	mg/kg	1.1	1 6010B	0910	13:30	0911 14:43 AI
Vanadium, Total	3.8	mg/kg	0.57	1 6010B	0910	13:30	0911 14:43 AI
Zinc, Total	24	mg/kg	2.8	1 6010B	0910	13:30	0911 14:43 AI
Volatile Organics by EPA 8260B							
Methylene chloride	ND	ug/kg	29.	1 8260B	0911	23:22	PD
1,1-Dichloroethane	ND	ug/kg	4.4				
Chloroform	ND	ug/kg	4.4				
Carbon tetrachloride	ND	ug/kg	2.9				
1,2-Dichloropropane	ND	ug/kg	10.				
Dibromochloromethane	ND	ug/kg	2.9				
1,1,2-Trichloroethane	ND	ug/kg	4.4				
Tetrachloroethene	ND	ug/kg	2.9				
Chlorobenzene	ND	ug/kg	2.9				
Trichlorofluoromethane	ND	ug/kg	14.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-16
PWG-DW-2008-13 (7.25-7.75')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0911	23:22 PD
1,2-Dichloroethane	ND	ug/kg	2.9				
1,1,1-Trichloroethane	ND	ug/kg	2.9				
Bromodichloromethane	ND	ug/kg	2.9				
trans-1,3-Dichloropropene	ND	ug/kg	2.9				
cis-1,3-Dichloropropene	ND	ug/kg	2.9				
1,1-Dichloropropene	ND	ug/kg	14.				
Bromoform	ND	ug/kg	12.				
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.9				
Benzene	ND	ug/kg	2.9				
Toluene	ND	ug/kg	4.4				
Ethylbenzene	ND	ug/kg	2.9				
Chloromethane	ND	ug/kg	14.				
Bromomethane	ND	ug/kg	5.8				
Vinyl chloride	ND	ug/kg	5.8				
Chloroethane	ND	ug/kg	5.8				
1,1-Dichloroethene	ND	ug/kg	2.9				
trans-1,2-Dichloroethene	ND	ug/kg	4.4				
Trichloroethene	ND	ug/kg	2.9				
1,2-Dichlorobenzene	ND	ug/kg	14.				
1,3-Dichlorobenzene	ND	ug/kg	14.				
1,4-Dichlorobenzene	ND	ug/kg	14.				
Methyl tert butyl ether	ND	ug/kg	5.8				
p/m-Xylene	ND	ug/kg	5.8				
o-Xylene	ND	ug/kg	5.8				
cis-1,2-Dichloroethene	ND	ug/kg	2.9				
Dibromomethane	ND	ug/kg	29.				
Styrene	ND	ug/kg	5.8				
Dichlorodifluoromethane	ND	ug/kg	29.				
Acetone	ND	ug/kg	29.				
Carbon disulfide	ND	ug/kg	29.				
2-Butanone	ND	ug/kg	29.				
Vinyl acetate	ND	ug/kg	29.				
4-Methyl-2-pentanone	ND	ug/kg	29.				
1,2,3-Trichloropropane	ND	ug/kg	29.				
2-Hexanone	ND	ug/kg	29.				
Bromochloromethane	ND	ug/kg	14.				
2,2-Dichloropropane	ND	ug/kg	14.				
1,2-Dibromoethane	ND	ug/kg	12.				
1,3-Dichloropropane	ND	ug/kg	14.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.9				
Bromobenzene	ND	ug/kg	14.				
n-Butylbenzene	ND	ug/kg	2.9				
sec-Butylbenzene	ND	ug/kg	2.9				
tert-Butylbenzene	ND	ug/kg	14.				
o-Chlorotoluene	ND	ug/kg	14.				
p-Chlorotoluene	ND	ug/kg	14.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	14.				
Hexachlorobutadiene	ND	ug/kg	14.				
Isopropylbenzene	ND	ug/kg	2.9				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-16
PWG-DW-2008-13 (7.25-7.75')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0911	23:22 PD
p-Isopropyltoluene	ND	ug/kg	2.9				
Naphthalene	ND	ug/kg	14.				
Acrylonitrile	ND	ug/kg	29.				
n-Propylbenzene	ND	ug/kg	2.9				
1,2,3-Trichlorobenzene	ND	ug/kg	14.				
1,2,4-Trichlorobenzene	ND	ug/kg	14.				
1,3,5-Trimethylbenzene	ND	ug/kg	14.				
1,2,4-Trimethylbenzene	ND	ug/kg	14.				
1,4-Diethylbenzene	ND	ug/kg	12.				
4-Ethyltoluene	ND	ug/kg	12.				
1,2,4,5-Tetramethylbenzene	ND	ug/kg	12.				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	108	%	70-130				
Toluene-d8	110	%	70-130				
4-Bromofluorobenzene	120	%	70-130				
Dibromofluoromethane	106	%	70-130				
Semivolatile Organics by EPA 8270C				1	8270C	0911	03:30 0915 20:30 PS
Acenaphthene	ND	ug/kg	390				
1,2,4-Trichlorobenzene	ND	ug/kg	390				
Hexachlorobenzene	ND	ug/kg	390				
Bis(2-chloroethyl)ether	ND	ug/kg	390				
2-Chloronaphthalene	ND	ug/kg	460				
1,2-Dichlorobenzene	ND	ug/kg	390				
1,3-Dichlorobenzene	ND	ug/kg	390				
1,4-Dichlorobenzene	ND	ug/kg	390				
3,3'-Dichlorobenzidine	ND	ug/kg	780				
2,4-Dinitrotoluene	ND	ug/kg	390				
2,6-Dinitrotoluene	ND	ug/kg	390				
Fluoranthene	ND	ug/kg	390				
4-Chlorophenyl phenyl ether	ND	ug/kg	390				
4-Bromophenyl phenyl ether	ND	ug/kg	390				
Bis(2-chloroisopropyl)ether	ND	ug/kg	390				
Bis(2-chloroethoxy)methane	ND	ug/kg	390				
Hexachlorobutadiene	ND	ug/kg	780				
Hexachlorocyclopentadiene	ND	ug/kg	780				
Hexachloroethane	ND	ug/kg	390				
Isophorone	ND	ug/kg	390				
Naphthalene	ND	ug/kg	390				
Nitrobenzene	ND	ug/kg	390				
NitrosoDiPhenylAmine(NDPA)/DPA	ND	ug/kg	1200				
n-Nitrosodi-n-propylamine	ND	ug/kg	390				
Bis(2-Ethylhexyl)phthalate	ND	ug/kg	780				
Butyl benzyl phthalate	ND	ug/kg	390				
Di-n-butylphthalate	ND	ug/kg	390				
Di-n-octylphthalate	ND	ug/kg	390				
Diethyl phthalate	ND	ug/kg	390				
Dimethyl phthalate	ND	ug/kg	390				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-16
PWG-DW-2008-13 (7.25-7.75')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C cont'd				1	8270C	0911 03:30	0915 20:30 PS
Benzo(a)anthracene	ND	ug/kg	390				
Benzo(a)pyrene	ND	ug/kg	390				
Benzo(b)fluoranthene	ND	ug/kg	390				
Benzo(k)fluoranthene	ND	ug/kg	390				
Chrysene	ND	ug/kg	390				
Acenaphthylene	ND	ug/kg	390				
Anthracene	ND	ug/kg	390				
Benzo(ghi)perylene	ND	ug/kg	390				
Fluorene	ND	ug/kg	390				
Phenanthrene	ND	ug/kg	390				
Dibenzo(a,h)anthracene	ND	ug/kg	390				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	390				
Pyrene	ND	ug/kg	390				
Biphenyl	ND	ug/kg	390				
4-Chloroaniline	ND	ug/kg	390				
2-Nitroaniline	ND	ug/kg	390				
3-Nitroaniline	ND	ug/kg	390				
4-Nitroaniline	ND	ug/kg	540				
Dibenzofuran	ND	ug/kg	390				
2-Methylnaphthalene	ND	ug/kg	390				
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	1600				
Acetophenone	ND	ug/kg	1600				
2,4,6-Trichlorophenol	ND	ug/kg	390				
p-Chloro-M-Cresol	ND	ug/kg	390				
2-Chlorophenol	ND	ug/kg	460				
2,4-Dichlorophenol	ND	ug/kg	780				
2,4-Dimethylphenol	ND	ug/kg	390				
2-Nitrophenol	ND	ug/kg	1600				
4-Nitrophenol	ND	ug/kg	780				
2,4-Dinitrophenol	ND	ug/kg	1600				
4,6-Dinitro-o-cresol	ND	ug/kg	1600				
Pentachlorophenol	ND	ug/kg	1600				
Phenol	ND	ug/kg	540				
2-Methylphenol	ND	ug/kg	460				
3-Methylphenol/4-Methylphenol	ND	ug/kg	460				
2,4,5-Trichlorophenol	ND	ug/kg	390				
Benzoic Acid	ND	ug/kg	3900				
Benzyl Alcohol	ND	ug/kg	780				
Carbazole	ND	ug/kg	390				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	40.0	%	25-120				
Phenol-d6	38.0	%	10-120				
Nitrobenzene-d5	32.0	%	23-120				
2-Fluorobiphenyl	32.0	%	30-120				
2,4,6-Tribromophenol	45.0	%	19-120				
4-Terphenyl-d14	37.0	%	18-120				
Semivolatile Organics by EPA 8270C-SIM				1	8270C	0911 03:30	0913 13:48 AK

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-16
PWG-DW-2008-13 (7.25-7.75')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C-SIM cont'd				1	8270C	0911 03:30	0913 13:48 AK
Acenaphthene	ND	ug/kg	16.				
2-Chloronaphthalene	ND	ug/kg	16.				
Fluoranthene	32	ug/kg	16				
Hexachlorobutadiene	ND	ug/kg	39.				
Naphthalene	ND	ug/kg	16.				
Benzo(a)anthracene	ND	ug/kg	16.				
Benzo(a)pyrene	ND	ug/kg	16.				
Benzo(b)fluoranthene	ND	ug/kg	16.				
Benzo(k)fluoranthene	ND	ug/kg	16.				
Chrysene	ND	ug/kg	16.				
Acenaphthylene	ND	ug/kg	16.				
Anthracene	ND	ug/kg	16.				
Benzo(ghi)perylene	ND	ug/kg	16.				
Fluorene	ND	ug/kg	16.				
Phenanthrene	ND	ug/kg	16.				
Dibenzo(a,h)anthracene	ND	ug/kg	16.				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	16.				
Pyrene	33	ug/kg	16				
2-Methylnaphthalene	ND	ug/kg	16.				
Pentachlorophenol	ND	ug/kg	62.				
Hexachlorobenzene	ND	ug/kg	62.				
Hexachloroethane	ND	ug/kg	62.				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	38.0	%	25-120				
Phenol-d6	39.0	%	10-120				
Nitrobenzene-d5	35.0	%	23-120				
2-Fluorobiphenyl	33.0	%	30-120				
2,4,6-Tribromophenol	35.0	%	19-120				
4-Terphenyl-d14	43.0	%	18-120				
Petroleum Hydrocarbon Quantitation by GC-FID				1	8015B(M)	0911 00:15	0912 12:37 RT
TPH	ND	ug/kg	38800				
Surrogate(s)	Recovery		QC Criteria				
o-Terphenyl	59.0	%	40-140				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS

MA:M-MA086 NH:2003 CT:PH-0574 ME:MA0086 RI:LAO00065 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0813344-17 Date Collected: 08-SEP-2008 12:30
 PWG-DW-2008-14 (6-6.5') Date Received : 09-SEP-2008
 Sample Matrix: SOIL Date Reported : 25-SEP-2008
 Condition of Sample: Satisfactory Field Prep: None
 Number & Type of Containers: 3-Amber,1-Vial

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Solids, Total	69	%	0.10	30 2540G	0910	18:40	NM
Total Metals							
Aluminum, Total	2300	mg/kg	7.0	1 6010B	0910	13:30	0911 14:46 AI
Antimony, Total	ND	mg/kg	3.5	1 6010B	0910	13:30	0911 14:46 AI
Arsenic, Total	0.95	mg/kg	0.70	1 6010B	0910	13:30	0911 14:46 AI
Barium, Total	13	mg/kg	0.70	1 6010B	0910	13:30	0911 14:46 AI
Beryllium, Total	ND	mg/kg	0.35	1 6010B	0910	13:30	0911 14:46 AI
Cadmium, Total	ND	mg/kg	0.70	1 6010B	0910	13:30	0911 14:46 AI
Calcium, Total	10000	mg/kg	7.0	1 6010B	0910	13:30	0911 14:46 AI
Chromium, Total	6.4	mg/kg	0.70	1 6010B	0910	13:30	0911 14:46 AI
Cobalt, Total	2.8	mg/kg	1.4	1 6010B	0910	13:30	0911 14:46 AI
Copper, Total	22	mg/kg	0.70	1 6010B	0910	13:30	0911 14:46 AI
Iron, Total	6200	mg/kg	3.5	1 6010B	0910	13:30	0911 14:46 AI
Lead, Total	65	mg/kg	3.5	1 6010B	0910	13:30	0911 14:46 AI
Magnesium, Total	6300	mg/kg	7.0	1 6010B	0910	13:30	0911 14:46 AI
Manganese, Total	43	mg/kg	0.70	1 6010B	0910	13:30	0911 14:46 AI
Mercury, Total	0.13	mg/kg	0.11	1 7471A	0911	23:30	0912 14:38 RC
Nickel, Total	4.7	mg/kg	1.8	1 6010B	0910	13:30	0911 14:46 AI
Potassium, Total	ND	mg/kg	180	1 6010B	0910	13:30	0911 14:46 AI
Selenium, Total	ND	mg/kg	1.4	1 6010B	0910	13:30	0911 14:46 AI
Silver, Total	ND	mg/kg	0.70	1 6010B	0910	13:30	0911 14:46 AI
Sodium, Total	170	mg/kg	140	1 6010B	0910	13:30	0911 14:46 AI
Thallium, Total	ND	mg/kg	1.4	1 6010B	0910	13:30	0911 14:46 AI
Vanadium, Total	21	mg/kg	0.70	1 6010B	0910	13:30	0911 14:46 AI
Zinc, Total	100	mg/kg	3.5	1 6010B	0910	13:30	0911 14:46 AI
Volatile Organics by EPA 8260B				1 8260B	0911	23:58	PD
Methylene chloride	ND	ug/kg	36.				
1,1-Dichloroethane	ND	ug/kg	5.4				
Chloroform	ND	ug/kg	5.4				
Carbon tetrachloride	ND	ug/kg	3.6				
1,2-Dichloropropane	ND	ug/kg	13.				
Dibromochloromethane	ND	ug/kg	3.6				
1,1,2-Trichloroethane	ND	ug/kg	5.4				
Tetrachloroethene	ND	ug/kg	3.6				
Chlorobenzene	ND	ug/kg	3.6				
Trichlorofluoromethane	ND	ug/kg	18.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-17
PWG-DW-2008-14 (6-6.5')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0911 23:58 PD	
1,2-Dichloroethane	ND	ug/kg	3.6				
1,1,1-Trichloroethane	ND	ug/kg	3.6				
Bromodichloromethane	ND	ug/kg	3.6				
trans-1,3-Dichloropropene	ND	ug/kg	3.6				
cis-1,3-Dichloropropene	ND	ug/kg	3.6				
1,1-Dichloropropene	ND	ug/kg	18.				
Bromoform	ND	ug/kg	14.				
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.6				
Benzene	ND	ug/kg	3.6				
Toluene	25	ug/kg	5.4				
Ethylbenzene	ND	ug/kg	3.6				
Chloromethane	ND	ug/kg	18.				
Bromomethane	ND	ug/kg	7.2				
Vinyl chloride	ND	ug/kg	7.2				
Chloroethane	ND	ug/kg	7.2				
1,1-Dichloroethene	ND	ug/kg	3.6				
trans-1,2-Dichloroethene	ND	ug/kg	5.4				
Trichloroethene	ND	ug/kg	3.6				
1,2-Dichlorobenzene	ND	ug/kg	18.				
1,3-Dichlorobenzene	ND	ug/kg	18.				
1,4-Dichlorobenzene	ND	ug/kg	18.				
Methyl tert butyl ether	ND	ug/kg	7.2				
p/m-Xylene	ND	ug/kg	7.2				
o-Xylene	ND	ug/kg	7.2				
cis-1,2-Dichloroethene	ND	ug/kg	3.6				
Dibromomethane	ND	ug/kg	36.				
Styrene	ND	ug/kg	7.2				
Dichlorodifluoromethane	ND	ug/kg	36.				
Acetone	42	ug/kg	36				
Carbon disulfide	ND	ug/kg	36.				
2-Butanone	ND	ug/kg	36.				
Vinyl acetate	ND	ug/kg	36.				
4-Methyl-2-pentanone	ND	ug/kg	36.				
1,2,3-Trichloropropane	ND	ug/kg	36.				
2-Hexanone	ND	ug/kg	36.				
Bromochloromethane	ND	ug/kg	18.				
2,2-Dichloropropane	ND	ug/kg	18.				
1,2-Dibromoethane	ND	ug/kg	14.				
1,3-Dichloropropane	ND	ug/kg	18.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.6				
Bromobenzene	ND	ug/kg	18.				
n-Butylbenzene	ND	ug/kg	3.6				
sec-Butylbenzene	ND	ug/kg	3.6				
tert-Butylbenzene	ND	ug/kg	18.				
o-Chlorotoluene	ND	ug/kg	18.				
p-Chlorotoluene	ND	ug/kg	18.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	18.				
Hexachlorobutadiene	ND	ug/kg	18.				
Isopropylbenzene	ND	ug/kg	3.6				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-17
PWG-DW-2008-14 (6-6.5')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0911 23:58 PD	
p-Isopropyltoluene	ND	ug/kg	3.6				
Naphthalene	ND	ug/kg	18.				
Acrylonitrile	ND	ug/kg	36.				
n-Propylbenzene	ND	ug/kg	3.6				
1,2,3-Trichlorobenzene	ND	ug/kg	18.				
1,2,4-Trichlorobenzene	ND	ug/kg	18.				
1,3,5-Trimethylbenzene	ND	ug/kg	18.				
1,2,4-Trimethylbenzene	ND	ug/kg	18.				
1,4-Diethylbenzene	ND	ug/kg	14.				
4-Ethyltoluene	ND	ug/kg	14.				
1,2,4,5-Tetramethylbenzene	ND	ug/kg	14.				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	113	%	70-130				
Toluene-d8	113	%	70-130				
4-Bromofluorobenzene	135	%	70-130				
Dibromofluoromethane	106	%	70-130				
Volatile Organics by EPA 8260B				1	8260B	0912 13:53 PD	
Methylene chloride	ND	ug/kg	36.				
1,1-Dichloroethane	ND	ug/kg	5.4				
Chloroform	ND	ug/kg	5.4				
Carbon tetrachloride	ND	ug/kg	3.6				
1,2-Dichloropropane	ND	ug/kg	13.				
Dibromochloromethane	ND	ug/kg	3.6				
1,1,2-Trichloroethane	ND	ug/kg	5.4				
Tetrachloroethene	ND	ug/kg	3.6				
Chlorobenzene	ND	ug/kg	3.6				
Trichlorofluoromethane	ND	ug/kg	18.				
1,2-Dichloroethane	ND	ug/kg	3.6				
1,1,1-Trichloroethane	ND	ug/kg	3.6				
Bromodichloromethane	ND	ug/kg	3.6				
trans-1,3-Dichloropropene	ND	ug/kg	3.6				
cis-1,3-Dichloropropene	ND	ug/kg	3.6				
1,1-Dichloropropene	ND	ug/kg	18.				
Bromoform	ND	ug/kg	14.				
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.6				
Benzene	ND	ug/kg	3.6				
Toluene	28	ug/kg	5.4				
Ethylbenzene	ND	ug/kg	3.6				
Chloromethane	ND	ug/kg	18.				
Bromomethane	ND	ug/kg	7.2				
Vinyl chloride	ND	ug/kg	7.2				
Chloroethane	ND	ug/kg	7.2				
1,1-Dichloroethene	ND	ug/kg	3.6				
trans-1,2-Dichloroethene	ND	ug/kg	5.4				
Trichloroethene	ND	ug/kg	3.6				
1,2-Dichlorobenzene	ND	ug/kg	18.				
1,3-Dichlorobenzene	ND	ug/kg	18.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-17
PWG-DW-2008-14 (6-6.5')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0912	13:53 PD
1,4-Dichlorobenzene	ND	ug/kg	18.				
Methyl tert butyl ether	ND	ug/kg	7.2				
p/m-Xylene	ND	ug/kg	7.2				
o-Xylene	ND	ug/kg	7.2				
cis-1,2-Dichloroethene	ND	ug/kg	3.6				
Dibromomethane	ND	ug/kg	36.				
Styrene	ND	ug/kg	7.2				
Dichlorodifluoromethane	ND	ug/kg	36.				
Acetone	45	ug/kg	36				
Carbon disulfide	ND	ug/kg	36.				
2-Butanone	ND	ug/kg	36.				
Vinyl acetate	ND	ug/kg	36.				
4-Methyl-2-pentanone	ND	ug/kg	36.				
1,2,3-Trichloropropane	ND	ug/kg	36.				
2-Hexanone	ND	ug/kg	36.				
Bromochloromethane	ND	ug/kg	18.				
2,2-Dichloropropane	ND	ug/kg	18.				
1,2-Dibromoethane	ND	ug/kg	14.				
1,3-Dichloropropane	ND	ug/kg	18.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.6				
Bromobenzene	ND	ug/kg	18.				
n-Butylbenzene	ND	ug/kg	3.6				
sec-Butylbenzene	ND	ug/kg	3.6				
tert-Butylbenzene	ND	ug/kg	18.				
o-Chlorotoluene	ND	ug/kg	18.				
p-Chlorotoluene	ND	ug/kg	18.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	18.				
Hexachlorobutadiene	ND	ug/kg	18.				
Isopropylbenzene	ND	ug/kg	3.6				
p-Isopropyltoluene	ND	ug/kg	3.6				
Naphthalene	ND	ug/kg	18.				
Acrylonitrile	ND	ug/kg	36.				
n-Propylbenzene	ND	ug/kg	3.6				
1,2,3-Trichlorobenzene	ND	ug/kg	18.				
1,2,4-Trichlorobenzene	ND	ug/kg	18.				
1,3,5-Trimethylbenzene	ND	ug/kg	18.				
1,2,4-Trimethylbenzene	ND	ug/kg	18.				
1,4-Diethylbenzene	ND	ug/kg	14.				
4-Ethyltoluene	ND	ug/kg	14.				
1,2,4,5-Tetramethylbenzene	ND	ug/kg	14.				
Surrogate(s)	Recovery		QC Criteria				
1,2-Dichloroethane-d4	119	%	70-130				
Toluene-d8	126	%	70-130				
4-Bromofluorobenzene	136	%	70-130				
Dibromofluoromethane	118	%	70-130				
Semivolatile Organics by EPA 8270C				1	8270C	0911	03:30 0915 20:54 PS
Acenaphthene	ND	ug/kg	970				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-17
PWG-DW-2008-14 (6-6.5')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C cont'd				1	8270C	0911 03:30	0915 20:54 PS
1,2,4-Trichlorobenzene	ND	ug/kg	970				
Hexachlorobenzene	ND	ug/kg	970				
Bis(2-chloroethyl)ether	ND	ug/kg	970				
2-Chloronaphthalene	ND	ug/kg	1200				
1,2-Dichlorobenzene	ND	ug/kg	970				
1,3-Dichlorobenzene	ND	ug/kg	970				
1,4-Dichlorobenzene	ND	ug/kg	970				
3,3'-Dichlorobenzidine	ND	ug/kg	1900				
2,4-Dinitrotoluene	ND	ug/kg	970				
2,6-Dinitrotoluene	ND	ug/kg	970				
Fluoranthene	ND	ug/kg	970				
4-Chlorophenyl phenyl ether	ND	ug/kg	970				
4-Bromophenyl phenyl ether	ND	ug/kg	970				
Bis(2-chloroisopropyl)ether	ND	ug/kg	970				
Bis(2-chloroethoxy)methane	ND	ug/kg	970				
Hexachlorobutadiene	ND	ug/kg	1900				
Hexachlorocyclopentadiene	ND	ug/kg	1900				
Hexachloroethane	ND	ug/kg	970				
Isophorone	ND	ug/kg	970				
Naphthalene	ND	ug/kg	970				
Nitrobenzene	ND	ug/kg	970				
NitrosoDiPhenylAmine(NDPA)/DPA	ND	ug/kg	2900				
n-Nitrosodi-n-propylamine	ND	ug/kg	970				
Bis(2-Ethylhexyl)phthalate	ND	ug/kg	1900				
Butyl benzyl phthalate	ND	ug/kg	970				
Di-n-butylphthalate	ND	ug/kg	970				
Di-n-octylphthalate	ND	ug/kg	970				
Diethyl phthalate	ND	ug/kg	970				
Dimethyl phthalate	ND	ug/kg	970				
Benzo(a)anthracene	ND	ug/kg	970				
Benzo(a)pyrene	ND	ug/kg	970				
Benzo(b)fluoranthene	ND	ug/kg	970				
Benzo(k)fluoranthene	ND	ug/kg	970				
Chrysene	ND	ug/kg	970				
Acenaphthylene	ND	ug/kg	970				
Anthracene	ND	ug/kg	970				
Benzo(ghi)perylene	ND	ug/kg	970				
Fluorene	ND	ug/kg	970				
Phenanthrene	ND	ug/kg	970				
Dibenzo(a,h)anthracene	ND	ug/kg	970				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	970				
Pyrene	ND	ug/kg	970				
Biphenyl	ND	ug/kg	970				
4-Chloroaniline	ND	ug/kg	970				
2-Nitroaniline	ND	ug/kg	970				
3-Nitroaniline	ND	ug/kg	970				
4-Nitroaniline	ND	ug/kg	1400				
Dibenzofuran	ND	ug/kg	970				
2-Methylnaphthalene	ND	ug/kg	970				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-17
PWG-DW-2008-14 (6-6.5')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C cont'd				1	8270C	0911 03:30	0915 20:54 PS
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	3900				
Acetophenone	ND	ug/kg	3900				
2,4,6-Trichlorophenol	ND	ug/kg	970				
P-Chloro-M-Cresol	ND	ug/kg	970				
2-Chlorophenol	ND	ug/kg	1200				
2,4-Dichlorophenol	ND	ug/kg	1900				
2,4-Dimethylphenol	ND	ug/kg	970				
2-Nitrophenol	ND	ug/kg	3900				
4-Nitrophenol	ND	ug/kg	1900				
2,4-Dinitrophenol	ND	ug/kg	3900				
4,6-Dinitro-o-cresol	ND	ug/kg	3900				
Pentachlorophenol	ND	ug/kg	3900				
Phenol	ND	ug/kg	1400				
2-Methylphenol	ND	ug/kg	1200				
3-Methylphenol/4-Methylphenol	ND	ug/kg	1200				
2,4,5-Trichlorophenol	ND	ug/kg	970				
Benzoic Acid	ND	ug/kg	9700				
Benzyl Alcohol	ND	ug/kg	1900				
Carbazole	ND	ug/kg	970				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	81.0	%	25-120				
Phenol-d6	86.0	%	10-120				
Nitrobenzene-d5	70.0	%	23-120				
2-Fluorobiphenyl	75.0	%	30-120				
2,4,6-Tribromophenol	99.0	%	19-120				
4-Terphenyl-d14	67.0	%	18-120				
Semivolatile Organics by EPA 8270C-SIM				1	8270C	0911 03:30	0913 18:32 AK
Acenaphthene	ND	ug/kg	970				
2-Chloronaphthalene	ND	ug/kg	970				
Fluoranthene	ND	ug/kg	970				
Hexachlorobutadiene	ND	ug/kg	2400				
Naphthalene	ND	ug/kg	970				
Benzo(a)anthracene	ND	ug/kg	970				
Benzo(a)pyrene	ND	ug/kg	970				
Benzo(b)fluoranthene	ND	ug/kg	970				
Benzo(k)fluoranthene	ND	ug/kg	970				
Chrysene	ND	ug/kg	970				
Acenaphthylene	ND	ug/kg	970				
Anthracene	ND	ug/kg	970				
Benzo(ghi)perylene	ND	ug/kg	970				
Fluorene	ND	ug/kg	970				
Phenanthrene	ND	ug/kg	970				
Dibenzo(a,h)anthracene	ND	ug/kg	970				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	970				
Pyrene	ND	ug/kg	970				
2-Methylnaphthalene	ND	ug/kg	970				
Pentachlorophenol	ND	ug/kg	3900				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-17
PWG-DW-2008-14 (6-6.5')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C-SIM cont'd				1	8270C	0911 03:30	0913 18:32 AK
Hexachlorobenzene	ND	ug/kg	3900				
Hexachloroethane	ND	ug/kg	3900				
Surrogate(s)	Recovery						QC Criteria
2-Fluorophenol	ND	%	25-120				
Phenol-d6	ND	%	10-120				
Nitrobenzene-d5	ND	%	23-120				
2-Fluorobiphenyl	ND	%	30-120				
2,4,6-Tribromophenol	ND	%	19-120				
4-Terphenyl-d14	ND	%	18-120				
Petroleum Hydrocarbon Quantitation by GC-FID				1	8015B(M)	0911 00:15	0912 14:18 RT
TPH	841000	ug/kg	242000				
Surrogate(s)	Recovery						QC Criteria
o-Terphenyl	73.0	%	40-140				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

MA:M-MA086 NH:2003 CT:PH-0574 ME:MA0086 RI:LAO00065 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0813344-18 **Date Collected:** 08-SEP-2008 13:40
PWG-DW-2008-15 (7-7.5') **Date Received :** 09-SEP-2008
Sample Matrix: SOIL **Date Reported :** 25-SEP-2008

Condition of Sample: Satisfactory **Field Prep:** None

Number & Type of Containers: 3-Amber,1-Vial

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Solids, Total	84	%	0.10	30 2540G	0910	18:40	NM
Total Metals							
Aluminum, Total	1700	mg/kg	5.7	1 6010B	0910	13:30	0911 14:49 AI
Antimony, Total	ND	mg/kg	2.8	1 6010B	0910	13:30	0911 14:49 AI
Arsenic, Total	1.3	mg/kg	0.57	1 6010B	0910	13:30	0911 14:49 AI
Barium, Total	16	mg/kg	0.57	1 6010B	0910	13:30	0911 14:49 AI
Beryllium, Total	ND	mg/kg	0.28	1 6010B	0910	13:30	0911 14:49 AI
Cadmium, Total	ND	mg/kg	0.57	1 6010B	0910	13:30	0911 14:49 AI
Calcium, Total	6600	mg/kg	5.7	1 6010B	0910	13:30	0911 14:49 AI
Chromium, Total	5.2	mg/kg	0.57	1 6010B	0910	13:30	0911 14:49 AI
Cobalt, Total	ND	mg/kg	1.1	1 6010B	0910	13:30	0911 14:49 AI
Copper, Total	4.7	mg/kg	0.57	1 6010B	0910	13:30	0911 14:49 AI
Iron, Total	4600	mg/kg	2.8	1 6010B	0910	13:30	0911 14:49 AI
Lead, Total	36	mg/kg	2.8	1 6010B	0910	13:30	0911 14:49 AI
Magnesium, Total	2900	mg/kg	5.7	1 6010B	0910	13:30	0911 14:49 AI
Manganese, Total	47	mg/kg	0.57	1 6010B	0910	13:30	0911 14:49 AI
Mercury, Total	ND	mg/kg	0.09	1 7471A	0911	23:30	0912 14:40 RC
Nickel, Total	2.0	mg/kg	1.4	1 6010B	0910	13:30	0911 14:49 AI
Potassium, Total	ND	mg/kg	140	1 6010B	0910	13:30	0911 14:49 AI
Selenium, Total	ND	mg/kg	1.1	1 6010B	0910	13:30	0911 14:49 AI
Silver, Total	ND	mg/kg	0.57	1 6010B	0910	13:30	0911 14:49 AI
Sodium, Total	ND	mg/kg	110	1 6010B	0910	13:30	0911 14:49 AI
Thallium, Total	ND	mg/kg	1.1	1 6010B	0910	13:30	0911 14:49 AI
Vanadium, Total	5.9	mg/kg	0.57	1 6010B	0910	13:30	0911 14:49 AI
Zinc, Total	35	mg/kg	2.8	1 6010B	0910	13:30	0911 14:49 AI
Volatile Organics by EPA 8260B				1 8260B	0912	00:35	PD
Methylene chloride	ND	ug/kg	30.				
1,1-Dichloroethane	ND	ug/kg	4.5				
Chloroform	ND	ug/kg	4.5				
Carbon tetrachloride	ND	ug/kg	3.0				
1,2-Dichloropropane	ND	ug/kg	10.				
Dibromochloromethane	ND	ug/kg	3.0				
1,1,2-Trichloroethane	ND	ug/kg	4.5				
Tetrachloroethene	120	ug/kg	3.0				
Chlorobenzene	ND	ug/kg	3.0				
Trichlorofluoromethane	ND	ug/kg	15.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-18
PWG-DW-2008-15 (7-7.5')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0912 00:35 PD	
1,2-Dichloroethane	ND	ug/kg	3.0				
1,1,1-Trichloroethane	ND	ug/kg	3.0				
Bromodichloromethane	ND	ug/kg	3.0				
trans-1,3-Dichloropropene	ND	ug/kg	3.0				
cis-1,3-Dichloropropene	ND	ug/kg	3.0				
1,1-Dichloropropene	ND	ug/kg	15.				
Bromoform	ND	ug/kg	12.				
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.0				
Benzene	ND	ug/kg	3.0				
Toluene	ND	ug/kg	4.5				
Ethylbenzene	ND	ug/kg	3.0				
Chloromethane	ND	ug/kg	15.				
Bromomethane	ND	ug/kg	6.0				
Vinyl chloride	26	ug/kg	6.0				
Chloroethane	ND	ug/kg	6.0				
1,1-Dichloroethene	ND	ug/kg	3.0				
trans-1,2-Dichloroethene	ND	ug/kg	4.5				
Trichloroethene	11	ug/kg	3.0				
1,2-Dichlorobenzene	ND	ug/kg	15.				
1,3-Dichlorobenzene	ND	ug/kg	15.				
1,4-Dichlorobenzene	ND	ug/kg	15.				
Methyl tert butyl ether	ND	ug/kg	6.0				
p/m-Xylene	ND	ug/kg	6.0				
o-Xylene	ND	ug/kg	6.0				
cis-1,2-Dichloroethene	28	ug/kg	3.0				
Dibromomethane	ND	ug/kg	30.				
Styrene	ND	ug/kg	6.0				
Dichlorodifluoromethane	ND	ug/kg	30.				
Acetone	ND	ug/kg	30.				
Carbon disulfide	ND	ug/kg	30.				
2-Butanone	ND	ug/kg	30.				
Vinyl acetate	ND	ug/kg	30.				
4-Methyl-2-pentanone	ND	ug/kg	30.				
1,2,3-Trichloropropane	ND	ug/kg	30.				
2-Hexanone	ND	ug/kg	30.				
Bromochloromethane	ND	ug/kg	15.				
2,2-Dichloropropane	ND	ug/kg	15.				
1,2-Dibromoethane	ND	ug/kg	12.				
1,3-Dichloropropane	ND	ug/kg	15.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.0				
Bromobenzene	ND	ug/kg	15.				
n-Butylbenzene	ND	ug/kg	3.0				
sec-Butylbenzene	ND	ug/kg	3.0				
tert-Butylbenzene	ND	ug/kg	15.				
o-Chlorotoluene	ND	ug/kg	15.				
p-Chlorotoluene	ND	ug/kg	15.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	15.				
Hexachlorobutadiene	ND	ug/kg	15.				
Isopropylbenzene	ND	ug/kg	3.0				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-18
PWG-DW-2008-15 (7-7.5')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0912	00:35 PD
p-Isopropyltoluene	ND	ug/kg	3.0				
Naphthalene	ND	ug/kg	15.				
Acrylonitrile	ND	ug/kg	30.				
n-Propylbenzene	ND	ug/kg	3.0				
1,2,3-Trichlorobenzene	ND	ug/kg	15.				
1,2,4-Trichlorobenzene	ND	ug/kg	15.				
1,3,5-Trimethylbenzene	ND	ug/kg	15.				
1,2,4-Trimethylbenzene	ND	ug/kg	15.				
1,4-Diethylbenzene	ND	ug/kg	12.				
4-Ethyltoluene	ND	ug/kg	12.				
1,2,4,5-Tetramethylbenzene	ND	ug/kg	12.				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	106	%	70-130				
Toluene-d8	105	%	70-130				
4-Bromofluorobenzene	119	%	70-130				
Dibromofluoromethane	100	%	70-130				
Semivolatile Organics by EPA 8270C				1	8270C	0911	03:30 0915 21:17 PS
Acenaphthene	ND	ug/kg	400				
1,2,4-Trichlorobenzene	ND	ug/kg	400				
Hexachlorobenzene	ND	ug/kg	400				
Bis(2-chloroethyl)ether	ND	ug/kg	400				
2-Chloronaphthalene	ND	ug/kg	480				
1,2-Dichlorobenzene	ND	ug/kg	400				
1,3-Dichlorobenzene	ND	ug/kg	400				
1,4-Dichlorobenzene	ND	ug/kg	400				
3,3'-Dichlorobenzidine	ND	ug/kg	790				
2,4-Dinitrotoluene	ND	ug/kg	400				
2,6-Dinitrotoluene	ND	ug/kg	400				
Fluoranthene	ND	ug/kg	400				
4-Chlorophenyl phenyl ether	ND	ug/kg	400				
4-Bromophenyl phenyl ether	ND	ug/kg	400				
Bis(2-chloroisopropyl)ether	ND	ug/kg	400				
Bis(2-chloroethoxy)methane	ND	ug/kg	400				
Hexachlorobutadiene	ND	ug/kg	790				
Hexachlorocyclopentadiene	ND	ug/kg	790				
Hexachloroethane	ND	ug/kg	400				
Isophorone	ND	ug/kg	400				
Naphthalene	ND	ug/kg	400				
Nitrobenzene	ND	ug/kg	400				
NitrosoDiPhenylAmine(NDPA)/DPA	ND	ug/kg	1200				
n-Nitrosodi-n-propylamine	ND	ug/kg	400				
Bis(2-Ethylhexyl)phthalate	ND	ug/kg	790				
Butyl benzyl phthalate	ND	ug/kg	400				
Di-n-butylphthalate	ND	ug/kg	400				
Di-n-octylphthalate	ND	ug/kg	400				
Diethyl phthalate	ND	ug/kg	400				
Dimethyl phthalate	ND	ug/kg	400				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-18
PWG-DW-2008-15 (7-7.5')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C cont'd				1	8270C	0911 03:30	0915 21:17 PS
Benzo(a)anthracene	ND	ug/kg	400				
Benzo(a)pyrene	ND	ug/kg	400				
Benzo(b)fluoranthene	ND	ug/kg	400				
Benzo(k)fluoranthene	ND	ug/kg	400				
Chrysene	ND	ug/kg	400				
Acenaphthylene	ND	ug/kg	400				
Anthracene	ND	ug/kg	400				
Benzo(ghi)perylene	ND	ug/kg	400				
Fluorene	ND	ug/kg	400				
Phenanthrene	ND	ug/kg	400				
Dibenzo(a,h)anthracene	ND	ug/kg	400				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	400				
Pyrene	ND	ug/kg	400				
Biphenyl	ND	ug/kg	400				
4-Chloroaniline	ND	ug/kg	400				
2-Nitroaniline	ND	ug/kg	400				
3-Nitroaniline	ND	ug/kg	400				
4-Nitroaniline	ND	ug/kg	560				
Dibenzofuran	ND	ug/kg	400				
2-Methylnaphthalene	ND	ug/kg	400				
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	1600				
Acetophenone	ND	ug/kg	1600				
2,4,6-Trichlorophenol	ND	ug/kg	400				
p-Chloro-M-Cresol	ND	ug/kg	400				
2-Chlorophenol	ND	ug/kg	480				
2,4-Dichlorophenol	ND	ug/kg	790				
2,4-Dimethylphenol	ND	ug/kg	400				
2-Nitrophenol	ND	ug/kg	1600				
4-Nitrophenol	ND	ug/kg	790				
2,4-Dinitrophenol	ND	ug/kg	1600				
4,6-Dinitro-o-cresol	ND	ug/kg	1600				
Pentachlorophenol	ND	ug/kg	1600				
Phenol	ND	ug/kg	560				
2-Methylphenol	ND	ug/kg	480				
3-Methylphenol/4-Methylphenol	ND	ug/kg	480				
2,4,5-Trichlorophenol	ND	ug/kg	400				
Benzoic Acid	ND	ug/kg	4000				
Benzyl Alcohol	ND	ug/kg	790				
Carbazole	ND	ug/kg	400				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	62.0	%	25-120				
Phenol-d6	65.0	%	10-120				
Nitrobenzene-d5	52.0	%	23-120				
2-Fluorobiphenyl	58.0	%	30-120				
2,4,6-Tribromophenol	94.0	%	19-120				
4-Terphenyl-d14	71.0	%	18-120				
Semivolatile Organics by EPA 8270C-SIM				1	8270C	0911 03:30	0913 14:36 AK

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-18
PWG-DW-2008-15 (7-7.5')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C-SIM cont'd				1	8270C	0911 03:30	0913 14:36 AK
Acenaphthene	ND	ug/kg	79.				
2-Chloronaphthalene	ND	ug/kg	79.				
Fluoranthene	ND	ug/kg	79.				
Hexachlorobutadiene	ND	ug/kg	200				
Naphthalene	ND	ug/kg	79.				
Benzo(a)anthracene	ND	ug/kg	79.				
Benzo(a)pyrene	ND	ug/kg	79.				
Benzo(b)fluoranthene	ND	ug/kg	79.				
Benzo(k)fluoranthene	ND	ug/kg	79.				
Chrysene	ND	ug/kg	79.				
Acenaphthylene	ND	ug/kg	79.				
Anthracene	ND	ug/kg	79.				
Benzo(ghi)perylene	ND	ug/kg	79.				
Fluorene	ND	ug/kg	79.				
Phenanthrene	ND	ug/kg	79.				
Dibenzo(a,h)anthracene	ND	ug/kg	79.				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	79.				
Pyrene	ND	ug/kg	79.				
2-Methylnaphthalene	ND	ug/kg	79.				
Pentachlorophenol	ND	ug/kg	320				
Hexachlorobenzene	ND	ug/kg	320				
Hexachloroethane	ND	ug/kg	320				
Surrogate(s)	Recovery						QC Criteria
2-Fluorophenol	52.0	%					25-120
Phenol-d6	56.0	%					10-120
Nitrobenzene-d5	45.0	%					23-120
2-Fluorobiphenyl	54.0	%					30-120
2,4,6-Tribromophenol	65.0	%					19-120
4-Terphenyl-d14	63.0	%					18-120
Petroleum Hydrocarbon Quantitation by GC-FID				1	8015B(M)	0911 00:15	0912 13:11 RT
TPH	62100	ug/kg	39700				
Surrogate(s)	Recovery						QC Criteria
o-Terphenyl	58.0	%					40-140

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

MA:M-MA086 NH:2003 CT:PH-0574 ME:MA0086 RI:LAO00065 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0813344-19 **Date Collected:** 08-SEP-2008 13:50
 PWG-DW-2008-100 (7-7.5') **Date Received :** 09-SEP-2008
Sample Matrix: SOIL **Date Reported :** 25-SEP-2008
Condition of Sample: Satisfactory **Field Prep:** None
Number & Type of Containers: 3-Amber,1-Vial

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Solids, Total	83	%	0.10	30 2540G	0910	18:40	NM
Total Metals							
Aluminum, Total	2100	mg/kg	5.6	1 6010B	0910	13:30	0911 15:05 AI
Antimony, Total	ND	mg/kg	2.8	1 6010B	0910	13:30	0911 15:05 AI
Arsenic, Total	1.4	mg/kg	0.56	1 6010B	0910	13:30	0911 15:05 AI
Barium, Total	15	mg/kg	0.56	1 6010B	0910	13:30	0911 15:05 AI
Beryllium, Total	ND	mg/kg	0.28	1 6010B	0910	13:30	0911 15:05 AI
Cadmium, Total	ND	mg/kg	0.56	1 6010B	0910	13:30	0911 15:05 AI
Calcium, Total	6400	mg/kg	5.6	1 6010B	0910	13:30	0911 15:05 AI
Chromium, Total	4.5	mg/kg	0.56	1 6010B	0910	13:30	0911 15:05 AI
Cobalt, Total	1.2	mg/kg	1.1	1 6010B	0910	13:30	0911 15:05 AI
Copper, Total	5.6	mg/kg	0.56	1 6010B	0910	13:30	0911 15:05 AI
Iron, Total	4600	mg/kg	2.8	1 6010B	0910	13:30	0911 15:05 AI
Lead, Total	32	mg/kg	2.8	1 6010B	0910	13:30	0911 15:05 AI
Magnesium, Total	3900	mg/kg	5.6	1 6010B	0910	13:30	0911 15:05 AI
Manganese, Total	34	mg/kg	0.56	1 6010B	0910	13:30	0911 15:05 AI
Mercury, Total	ND	mg/kg	0.09	1 7471A	0911	23:30	0912 14:42 RC
Nickel, Total	2.2	mg/kg	1.4	1 6010B	0910	13:30	0911 15:05 AI
Potassium, Total	ND	mg/kg	140	1 6010B	0910	13:30	0911 15:05 AI
Selenium, Total	ND	mg/kg	1.1	1 6010B	0910	13:30	0911 15:05 AI
Silver, Total	ND	mg/kg	0.56	1 6010B	0910	13:30	0911 15:05 AI
Sodium, Total	ND	mg/kg	110	1 6010B	0910	13:30	0911 15:05 AI
Thallium, Total	ND	mg/kg	1.1	1 6010B	0910	13:30	0911 15:05 AI
Vanadium, Total	8.3	mg/kg	0.56	1 6010B	0910	13:30	0911 15:05 AI
Zinc, Total	34	mg/kg	2.8	1 6010B	0910	13:30	0911 15:05 AI
Volatile Organics by EPA 8260B							
Methylene chloride	ND	ug/kg	30.	1 8260B	0912	01:12	PD
1,1-Dichloroethane	ND	ug/kg	4.5				
Chloroform	ND	ug/kg	4.5				
Carbon tetrachloride	ND	ug/kg	3.0				
1,2-Dichloropropane	ND	ug/kg	10.				
Dibromochloromethane	ND	ug/kg	3.0				
1,1,2-Trichloroethane	ND	ug/kg	4.5				
Tetrachloroethene	110	ug/kg	3.0				
Chlorobenzene	ND	ug/kg	3.0				
Trichlorofluoromethane	ND	ug/kg	15.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-19
PWG-DW-2008-100 (7-7.5')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0912	01:12 PD
1,2-Dichloroethane	ND	ug/kg	3.0				
1,1,1-Trichloroethane	ND	ug/kg	3.0				
Bromodichloromethane	ND	ug/kg	3.0				
trans-1,3-Dichloropropene	ND	ug/kg	3.0				
cis-1,3-Dichloropropene	ND	ug/kg	3.0				
1,1-Dichloropropene	ND	ug/kg	15.				
Bromoform	ND	ug/kg	12.				
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.0				
Benzene	ND	ug/kg	3.0				
Toluene	ND	ug/kg	4.5				
Ethylbenzene	ND	ug/kg	3.0				
Chloromethane	ND	ug/kg	15.				
Bromomethane	ND	ug/kg	6.0				
Vinyl chloride	ND	ug/kg	6.0				
Chloroethane	ND	ug/kg	6.0				
1,1-Dichloroethene	ND	ug/kg	3.0				
trans-1,2-Dichloroethene	ND	ug/kg	4.5				
Trichloroethene	ND	ug/kg	3.0				
1,2-Dichlorobenzene	ND	ug/kg	15.				
1,3-Dichlorobenzene	ND	ug/kg	15.				
1,4-Dichlorobenzene	ND	ug/kg	15.				
Methyl tert butyl ether	ND	ug/kg	6.0				
p/m-Xylene	ND	ug/kg	6.0				
o-Xylene	ND	ug/kg	6.0				
cis-1,2-Dichloroethene	ND	ug/kg	3.0				
Dibromomethane	ND	ug/kg	30.				
Styrene	ND	ug/kg	6.0				
Dichlorodifluoromethane	ND	ug/kg	30.				
Acetone	ND	ug/kg	30.				
Carbon disulfide	ND	ug/kg	30.				
2-Butanone	ND	ug/kg	30.				
Vinyl acetate	ND	ug/kg	30.				
4-Methyl-2-pentanone	ND	ug/kg	30.				
1,2,3-Trichloropropane	ND	ug/kg	30.				
2-Hexanone	ND	ug/kg	30.				
Bromochloromethane	ND	ug/kg	15.				
2,2-Dichloropropane	ND	ug/kg	15.				
1,2-Dibromoethane	ND	ug/kg	12.				
1,3-Dichloropropane	ND	ug/kg	15.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.0				
Bromobenzene	ND	ug/kg	15.				
n-Butylbenzene	ND	ug/kg	3.0				
sec-Butylbenzene	ND	ug/kg	3.0				
tert-Butylbenzene	ND	ug/kg	15.				
o-Chlorotoluene	ND	ug/kg	15.				
p-Chlorotoluene	ND	ug/kg	15.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	15.				
Hexachlorobutadiene	ND	ug/kg	15.				
Isopropylbenzene	ND	ug/kg	3.0				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-19
PWG-DW-2008-100 (7-7.5')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0912	01:12 PD
p-Isopropyltoluene	ND	ug/kg	3.0				
Naphthalene	ND	ug/kg	15.				
Acrylonitrile	ND	ug/kg	30.				
n-Propylbenzene	ND	ug/kg	3.0				
1,2,3-Trichlorobenzene	ND	ug/kg	15.				
1,2,4-Trichlorobenzene	ND	ug/kg	15.				
1,3,5-Trimethylbenzene	ND	ug/kg	15.				
1,2,4-Trimethylbenzene	ND	ug/kg	15.				
1,4-Diethylbenzene	ND	ug/kg	12.				
4-Ethyltoluene	ND	ug/kg	12.				
1,2,4,5-Tetramethylbenzene	ND	ug/kg	12.				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	107	%	70-130				
Toluene-d8	110	%	70-130				
4-Bromofluorobenzene	122	%	70-130				
Dibromofluoromethane	105	%	70-130				
Semivolatile Organics by EPA 8270C				1	8270C	0911	03:30 0915 21:40 PS
Acenaphthene	ND	ug/kg	400				
1,2,4-Trichlorobenzene	ND	ug/kg	400				
Hexachlorobenzene	ND	ug/kg	400				
Bis(2-chloroethyl)ether	ND	ug/kg	400				
2-Chloronaphthalene	ND	ug/kg	480				
1,2-Dichlorobenzene	ND	ug/kg	400				
1,3-Dichlorobenzene	ND	ug/kg	400				
1,4-Dichlorobenzene	ND	ug/kg	400				
3,3'-Dichlorobenzidine	ND	ug/kg	800				
2,4-Dinitrotoluene	ND	ug/kg	400				
2,6-Dinitrotoluene	ND	ug/kg	400				
Fluoranthene	ND	ug/kg	400				
4-Chlorophenyl phenyl ether	ND	ug/kg	400				
4-Bromophenyl phenyl ether	ND	ug/kg	400				
Bis(2-chloroisopropyl)ether	ND	ug/kg	400				
Bis(2-chloroethoxy)methane	ND	ug/kg	400				
Hexachlorobutadiene	ND	ug/kg	800				
Hexachlorocyclopentadiene	ND	ug/kg	800				
Hexachloroethane	ND	ug/kg	400				
Isophorone	ND	ug/kg	400				
Naphthalene	ND	ug/kg	400				
Nitrobenzene	ND	ug/kg	400				
NitrosoDiPhenylAmine(NDPA)/DPA	ND	ug/kg	1200				
n-Nitrosodi-n-propylamine	ND	ug/kg	400				
Bis(2-Ethylhexyl)phthalate	ND	ug/kg	800				
Butyl benzyl phthalate	ND	ug/kg	400				
Di-n-butylphthalate	ND	ug/kg	400				
Di-n-octylphthalate	ND	ug/kg	400				
Diethyl phthalate	ND	ug/kg	400				
Dimethyl phthalate	ND	ug/kg	400				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-19
PWG-DW-2008-100 (7-7.5')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C cont'd				1	8270C	0911 03:30	0915 21:40 PS
Benzo(a)anthracene	ND	ug/kg	400				
Benzo(a)pyrene	ND	ug/kg	400				
Benzo(b)fluoranthene	ND	ug/kg	400				
Benzo(k)fluoranthene	ND	ug/kg	400				
Chrysene	ND	ug/kg	400				
Acenaphthylene	ND	ug/kg	400				
Anthracene	ND	ug/kg	400				
Benzo(ghi)perylene	ND	ug/kg	400				
Fluorene	ND	ug/kg	400				
Phenanthrene	ND	ug/kg	400				
Dibenzo(a,h)anthracene	ND	ug/kg	400				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	400				
Pyrene	ND	ug/kg	400				
Biphenyl	ND	ug/kg	400				
4-Chloroaniline	ND	ug/kg	400				
2-Nitroaniline	ND	ug/kg	400				
3-Nitroaniline	ND	ug/kg	400				
4-Nitroaniline	ND	ug/kg	560				
Dibenzofuran	ND	ug/kg	400				
2-Methylnaphthalene	ND	ug/kg	400				
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	1600				
Acetophenone	ND	ug/kg	1600				
2,4,6-Trichlorophenol	ND	ug/kg	400				
p-Chloro-M-Cresol	ND	ug/kg	400				
2-Chlorophenol	ND	ug/kg	480				
2,4-Dichlorophenol	ND	ug/kg	800				
2,4-Dimethylphenol	ND	ug/kg	400				
2-Nitrophenol	ND	ug/kg	1600				
4-Nitrophenol	ND	ug/kg	800				
2,4-Dinitrophenol	ND	ug/kg	1600				
4,6-Dinitro-o-cresol	ND	ug/kg	1600				
Pentachlorophenol	ND	ug/kg	1600				
Phenol	ND	ug/kg	560				
2-Methylphenol	ND	ug/kg	480				
3-Methylphenol/4-Methylphenol	ND	ug/kg	480				
2,4,5-Trichlorophenol	ND	ug/kg	400				
Benzoic Acid	ND	ug/kg	4000				
Benzyl Alcohol	ND	ug/kg	800				
Carbazole	ND	ug/kg	400				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	85.0	%	25-120				
Phenol-d6	84.0	%	10-120				
Nitrobenzene-d5	71.0	%	23-120				
2-Fluorobiphenyl	69.0	%	30-120				
2,4,6-Tribromophenol	89.0	%	19-120				
4-Terphenyl-d14	67.0	%	18-120				
Semivolatile Organics by EPA 8270C-SIM				1	8270C	0911 03:30	0913 15:23 AK

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-19
PWG-DW-2008-100 (7-7.5')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C-SIM cont'd				1	8270C	0911 03:30	0913 15:23 AK
Acenaphthene	ND	ug/kg	80.				
2-Chloronaphthalene	ND	ug/kg	80.				
Fluoranthene	150	ug/kg	80				
Hexachlorobutadiene	ND	ug/kg	200				
Naphthalene	ND	ug/kg	80.				
Benzo(a)anthracene	ND	ug/kg	80.				
Benzo(a)pyrene	ND	ug/kg	80.				
Benzo(b)fluoranthene	ND	ug/kg	80.				
Benzo(k)fluoranthene	ND	ug/kg	80.				
Chrysene	ND	ug/kg	80.				
Acenaphthylene	ND	ug/kg	80.				
Anthracene	ND	ug/kg	80.				
Benzo(ghi)perylene	ND	ug/kg	80.				
Fluorene	ND	ug/kg	80.				
Phenanthrene	ND	ug/kg	80.				
Dibenzo(a,h)anthracene	ND	ug/kg	80.				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	80.				
Pyrene	160	ug/kg	80				
2-Methylnaphthalene	ND	ug/kg	80.				
Pentachlorophenol	ND	ug/kg	320				
Hexachlorobenzene	ND	ug/kg	320				
Hexachloroethane	ND	ug/kg	320				
Surrogate(s)	Recovery						QC Criteria
2-Fluorophenol	73.0	%					25-120
Phenol-d6	77.0	%					10-120
Nitrobenzene-d5	65.0	%					23-120
2-Fluorobiphenyl	68.0	%					30-120
2,4,6-Tribromophenol	66.0	%					19-120
4-Terphenyl-d14	64.0	%					18-120
Petroleum Hydrocarbon Quantitation by GC-FID				1	8015B(M)	0911 00:15	0912 13:11 RT
TPH	72400	ug/kg	40200				
Surrogate(s)	Recovery						QC Criteria
o-Terphenyl	68.0	%					40-140

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS

MA:M-MA086 NH:2003 CT:PH-0574 ME:MA0086 RI:LAO00065 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0813344-20 Date Collected: 08-SEP-2008 14:00
PWG-LP-2008-01 (7.75-8.25') Date Received : 09-SEP-2008
Sample Matrix: SOIL Date Reported : 25-SEP-2008
Condition of Sample: Satisfactory Field Prep: None
Number & Type of Containers: 3-Amber,1-Vial

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Solids, Total	85	%	0.10	30 2540G	0910 13:30	0911 15:09	NM
Total Metals							
Aluminum, Total	1500	mg/kg	5.6	1 6010B	0910 13:30	0911 15:09	AI
Antimony, Total	ND	mg/kg	2.8	1 6010B	0910 13:30	0911 15:09	AI
Arsenic, Total	1.1	mg/kg	0.56	1 6010B	0910 13:30	0911 15:09	AI
Barium, Total	12	mg/kg	0.56	1 6010B	0910 13:30	0911 15:09	AI
Beryllium, Total	ND	mg/kg	0.28	1 6010B	0910 13:30	0911 15:09	AI
Cadmium, Total	ND	mg/kg	0.56	1 6010B	0910 13:30	0911 15:09	AI
Calcium, Total	710	mg/kg	5.6	1 6010B	0910 13:30	0911 15:09	AI
Chromium, Total	5.6	mg/kg	0.56	1 6010B	0910 13:30	0911 15:09	AI
Cobalt, Total	2.0	mg/kg	1.1	1 6010B	0910 13:30	0911 15:09	AI
Copper, Total	160	mg/kg	0.56	1 6010B	0910 13:30	0911 15:09	AI
Iron, Total	10000	mg/kg	2.8	1 6010B	0910 13:30	0911 15:09	AI
Lead, Total	59	mg/kg	2.8	1 6010B	0910 13:30	0911 15:09	AI
Magnesium, Total	700	mg/kg	5.6	1 6010B	0910 13:30	0911 15:09	AI
Manganese, Total	66	mg/kg	0.56	1 6010B	0910 13:30	0911 15:09	AI
Mercury, Total	0.10	mg/kg	0.09	1 7471A	0911 23:30	0912 14:43	RC
Nickel, Total	5.4	mg/kg	1.4	1 6010B	0910 13:30	0911 15:09	AI
Potassium, Total	ND	mg/kg	140	1 6010B	0910 13:30	0911 15:09	AI
Selenium, Total	ND	mg/kg	1.1	1 6010B	0910 13:30	0911 15:09	AI
Silver, Total	ND	mg/kg	0.56	1 6010B	0910 13:30	0911 15:09	AI
Sodium, Total	ND	mg/kg	110	1 6010B	0910 13:30	0911 15:09	AI
Thallium, Total	ND	mg/kg	1.1	1 6010B	0910 13:30	0911 15:09	AI
Vanadium, Total	3.8	mg/kg	0.56	1 6010B	0910 13:30	0911 15:09	AI
Zinc, Total	360	mg/kg	2.8	1 6010B	0910 13:30	0911 15:09	AI
Volatile Organics by EPA 8260B				1 8260B	0912 01:48		PD
Methylene chloride	ND	ug/kg	29.				
1,1-Dichloroethane	ND	ug/kg	4.4				
Chloroform	ND	ug/kg	4.4				
Carbon tetrachloride	ND	ug/kg	2.9				
1,2-Dichloropropane	ND	ug/kg	10.				
Dibromochloromethane	ND	ug/kg	2.9				
1,1,2-Trichloroethane	ND	ug/kg	4.4				
Tetrachloroethene	120	ug/kg	2.9				
Chlorobenzene	ND	ug/kg	2.9				
Trichlorofluoromethane	ND	ug/kg	15.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-20
PWG-LP-2008-01 (7.75-8.25')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0912 01:48 PD	
1,2-Dichloroethane	ND	ug/kg	2.9				
1,1,1-Trichloroethane	ND	ug/kg	2.9				
Bromodichloromethane	ND	ug/kg	2.9				
trans-1,3-Dichloropropene	ND	ug/kg	2.9				
cis-1,3-Dichloropropene	ND	ug/kg	2.9				
1,1-Dichloropropene	ND	ug/kg	15.				
Bromoform	ND	ug/kg	12.				
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.9				
Benzene	ND	ug/kg	2.9				
Toluene	ND	ug/kg	4.4				
Ethylbenzene	ND	ug/kg	2.9				
Chloromethane	ND	ug/kg	15.				
Bromomethane	ND	ug/kg	5.9				
Vinyl chloride	ND	ug/kg	5.9				
Chloroethane	ND	ug/kg	5.9				
1,1-Dichloroethene	ND	ug/kg	2.9				
trans-1,2-Dichloroethene	ND	ug/kg	4.4				
Trichloroethene	8.7	ug/kg	2.9				
1,2-Dichlorobenzene	ND	ug/kg	15.				
1,3-Dichlorobenzene	ND	ug/kg	15.				
1,4-Dichlorobenzene	ND	ug/kg	15.				
Methyl tert butyl ether	ND	ug/kg	5.9				
p/m-Xylene	ND	ug/kg	5.9				
o-Xylene	ND	ug/kg	5.9				
cis-1,2-Dichloroethene	5.3	ug/kg	2.9				
Dibromomethane	ND	ug/kg	29.				
Styrene	ND	ug/kg	5.9				
Dichlorodifluoromethane	ND	ug/kg	29.				
Acetone	ND	ug/kg	29.				
Carbon disulfide	ND	ug/kg	29.				
2-Butanone	ND	ug/kg	29.				
Vinyl acetate	ND	ug/kg	29.				
4-Methyl-2-pentanone	ND	ug/kg	29.				
1,2,3-Trichloropropane	ND	ug/kg	29.				
2-Hexanone	ND	ug/kg	29.				
Bromochloromethane	ND	ug/kg	15.				
2,2-Dichloropropane	ND	ug/kg	15.				
1,2-Dibromoethane	ND	ug/kg	12.				
1,3-Dichloropropane	ND	ug/kg	15.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.9				
Bromobenzene	ND	ug/kg	15.				
n-Butylbenzene	ND	ug/kg	2.9				
sec-Butylbenzene	ND	ug/kg	2.9				
tert-Butylbenzene	ND	ug/kg	15.				
o-Chlorotoluene	ND	ug/kg	15.				
p-Chlorotoluene	ND	ug/kg	15.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	15.				
Hexachlorobutadiene	ND	ug/kg	15.				
Isopropylbenzene	ND	ug/kg	2.9				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-20
PWG-LP-2008-01 (7.75-8.25')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0912	01:48 PD
p-Isopropyltoluene	ND	ug/kg	2.9				
Naphthalene	ND	ug/kg	15.				
Acrylonitrile	ND	ug/kg	29.				
n-Propylbenzene	ND	ug/kg	2.9				
1,2,3-Trichlorobenzene	ND	ug/kg	15.				
1,2,4-Trichlorobenzene	ND	ug/kg	15.				
1,3,5-Trimethylbenzene	ND	ug/kg	15.				
1,2,4-Trimethylbenzene	ND	ug/kg	15.				
1,4-Diethylbenzene	ND	ug/kg	12.				
4-Ethyltoluene	ND	ug/kg	12.				
1,2,4,5-Tetramethylbenzene	ND	ug/kg	12.				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	110	%	70-130				
Toluene-d8	111	%	70-130				
4-Bromofluorobenzene	124	%	70-130				
Dibromofluoromethane	103	%	70-130				
Semivolatile Organics by EPA 8270C				1	8270C	0911	21:40 0913 18:33 PS
Acenaphthene	ND	ug/kg	390				
1,2,4-Trichlorobenzene	ND	ug/kg	390				
Hexachlorobenzene	ND	ug/kg	390				
Bis(2-chloroethyl)ether	ND	ug/kg	390				
2-Chloronaphthalene	ND	ug/kg	470				
1,2-Dichlorobenzene	ND	ug/kg	390				
1,3-Dichlorobenzene	ND	ug/kg	390				
1,4-Dichlorobenzene	ND	ug/kg	390				
3,3'-Dichlorobenzidine	ND	ug/kg	780				
2,4-Dinitrotoluene	ND	ug/kg	390				
2,6-Dinitrotoluene	ND	ug/kg	390				
Fluoranthene	ND	ug/kg	390				
4-Chlorophenyl phenyl ether	ND	ug/kg	390				
4-Bromophenyl phenyl ether	ND	ug/kg	390				
Bis(2-chloroisopropyl)ether	ND	ug/kg	390				
Bis(2-chloroethoxy)methane	ND	ug/kg	390				
Hexachlorobutadiene	ND	ug/kg	780				
Hexachlorocyclopentadiene	ND	ug/kg	780				
Hexachloroethane	ND	ug/kg	390				
Isophorone	ND	ug/kg	390				
Naphthalene	ND	ug/kg	390				
Nitrobenzene	ND	ug/kg	390				
NitrosoDiPhenylAmine(NDPA)/DPA	ND	ug/kg	1200				
n-Nitrosodi-n-propylamine	ND	ug/kg	390				
Bis(2-Ethylhexyl)phthalate	ND	ug/kg	780				
Butyl benzyl phthalate	ND	ug/kg	390				
Di-n-butylphthalate	ND	ug/kg	390				
Di-n-octylphthalate	ND	ug/kg	390				
Diethyl phthalate	ND	ug/kg	390				
Dimethyl phthalate	ND	ug/kg	390				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-20
PWG-LP-2008-01 (7.75-8.25')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C cont'd				1	8270C	0911 21:40	0913 18:33 PS
Benzo(a)anthracene	ND	ug/kg	390				
Benzo(a)pyrene	ND	ug/kg	390				
Benzo(b)fluoranthene	ND	ug/kg	390				
Benzo(k)fluoranthene	ND	ug/kg	390				
Chrysene	ND	ug/kg	390				
Acenaphthylene	ND	ug/kg	390				
Anthracene	ND	ug/kg	390				
Benzo(ghi)perylene	ND	ug/kg	390				
Fluorene	ND	ug/kg	390				
Phenanthrene	ND	ug/kg	390				
Dibenzo(a,h)anthracene	ND	ug/kg	390				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	390				
Pyrene	ND	ug/kg	390				
Biphenyl	ND	ug/kg	390				
4-Chloroaniline	ND	ug/kg	390				
2-Nitroaniline	ND	ug/kg	390				
3-Nitroaniline	ND	ug/kg	390				
4-Nitroaniline	ND	ug/kg	550				
Dibenzofuran	ND	ug/kg	390				
2-Methylnaphthalene	ND	ug/kg	390				
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	1600				
Acetophenone	ND	ug/kg	1600				
2,4,6-Trichlorophenol	ND	ug/kg	390				
p-Chloro-M-Cresol	ND	ug/kg	390				
2-Chlorophenol	ND	ug/kg	470				
2,4-Dichlorophenol	ND	ug/kg	780				
2,4-Dimethylphenol	ND	ug/kg	390				
2-Nitrophenol	ND	ug/kg	1600				
4-Nitrophenol	ND	ug/kg	780				
2,4-Dinitrophenol	ND	ug/kg	1600				
4,6-Dinitro-o-cresol	ND	ug/kg	1600				
Pentachlorophenol	ND	ug/kg	1600				
Phenol	ND	ug/kg	550				
2-Methylphenol	ND	ug/kg	470				
3-Methylphenol/4-Methylphenol	ND	ug/kg	470				
2,4,5-Trichlorophenol	ND	ug/kg	390				
Benzoic Acid	ND	ug/kg	3900				
Benzyl Alcohol	ND	ug/kg	780				
Carbazole	ND	ug/kg	390				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	73.0	%	25-120				
Phenol-d6	79.0	%	10-120				
Nitrobenzene-d5	71.0	%	23-120				
2-Fluorobiphenyl	71.0	%	30-120				
2,4,6-Tribromophenol	68.0	%	19-120				
4-Terphenyl-d14	74.0	%	18-120				
Semivolatile Organics by EPA 8270C-SIM				1	8270C	0911 21:40	0914 07:38 AK

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-20
PWG-LP-2008-01 (7.75-8.25')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C-SIM cont'd				1 8270C	0911 21:40	0914 07:38	AK
Acenaphthene	ND	ug/kg	16.				
2-Chloronaphthalene	ND	ug/kg	16.				
Fluoranthene	75	ug/kg	16				
Hexachlorobutadiene	ND	ug/kg	39.				
Naphthalene	ND	ug/kg	16.				
Benzo(a)anthracene	96	ug/kg	16				
Benzo(a)pyrene	120	ug/kg	16				
Benzo(b)fluoranthene	110	ug/kg	16				
Benzo(k)fluoranthene	100	ug/kg	16				
Chrysene	77	ug/kg	16				
Acenaphthylene	47	ug/kg	16				
Anthracene	17	ug/kg	16				
Benzo(ghi)perylene	100	ug/kg	16				
Fluorene	ND	ug/kg	16.				
Phenanthrene	ND	ug/kg	16.				
Dibenzo(a,h)anthracene	49	ug/kg	16				
Indeno(1,2,3-cd)Pyrene	91	ug/kg	16				
Pyrene	75	ug/kg	16				
2-Methylnaphthalene	ND	ug/kg	16.				
Pentachlorophenol	ND	ug/kg	63.				
Hexachlorobenzene	ND	ug/kg	63.				
Hexachloroethane	ND	ug/kg	63.				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	74.0	%	25-120				
Phenol-d6	85.0	%	10-120				
Nitrobenzene-d5	82.0	%	23-120				
2-Fluorobiphenyl	75.0	%	30-120				
2,4,6-Tribromophenol	57.0	%	19-120				
4-Terphenyl-d14	78.0	%	18-120				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

MA:M-MA086 NH:2003 CT:PH-0574 ME:MA0086 RI:LAO00065 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0813344-21 **Date Collected:** 08-SEP-2008 14:20
PWG-DW-2008-16 (5.5-6') **Date Received :** 09-SEP-2008
Sample Matrix: SOIL **Date Reported :** 25-SEP-2008

Condition of Sample: Satisfactory **Field Prep:** None

Number & Type of Containers: 3-Amber,1-Vial

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Solids, Total	86	%	0.10	30 2540G	0910	18:40	NM
Total Metals							
Aluminum, Total	1600	mg/kg	5.4	1 6010B	0910	13:30	0911 15:12 AI
Antimony, Total	ND	mg/kg	2.7	1 6010B	0910	13:30	0911 15:12 AI
Arsenic, Total	1.5	mg/kg	0.54	1 6010B	0910	13:30	0911 15:12 AI
Barium, Total	20	mg/kg	0.54	1 6010B	0910	13:30	0911 15:12 AI
Beryllium, Total	ND	mg/kg	0.27	1 6010B	0910	13:30	0911 15:12 AI
Cadmium, Total	ND	mg/kg	0.54	1 6010B	0910	13:30	0911 15:12 AI
Calcium, Total	33000	mg/kg	54	1 6010B	0910	13:30	0911 19:46 AI
Chromium, Total	3.1	mg/kg	0.54	1 6010B	0910	13:30	0911 15:12 AI
Cobalt, Total	1.4	mg/kg	1.1	1 6010B	0910	13:30	0911 15:12 AI
Copper, Total	5.8	mg/kg	0.54	1 6010B	0910	13:30	0911 15:12 AI
Iron, Total	3200	mg/kg	2.7	1 6010B	0910	13:30	0911 15:12 AI
Lead, Total	51	mg/kg	2.7	1 6010B	0910	13:30	0911 15:12 AI
Magnesium, Total	19000	mg/kg	5.4	1 6010B	0910	13:30	0911 15:12 AI
Manganese, Total	53	mg/kg	0.54	1 6010B	0910	13:30	0911 15:12 AI
Mercury, Total	ND	mg/kg	0.08	1 7471A	0911	23:30	0912 14:49 RC
Nickel, Total	2.8	mg/kg	1.4	1 6010B	0910	13:30	0911 15:12 AI
Potassium, Total	220	mg/kg	140	1 6010B	0910	13:30	0911 15:12 AI
Selenium, Total	ND	mg/kg	1.1	1 6010B	0910	13:30	0911 15:12 AI
Silver, Total	ND	mg/kg	0.54	1 6010B	0910	13:30	0911 15:12 AI
Sodium, Total	ND	mg/kg	110	1 6010B	0910	13:30	0911 15:12 AI
Thallium, Total	ND	mg/kg	1.1	1 6010B	0910	13:30	0911 15:12 AI
Vanadium, Total	4.8	mg/kg	0.54	1 6010B	0910	13:30	0911 15:12 AI
Zinc, Total	47	mg/kg	2.7	1 6010B	0910	13:30	0911 15:12 AI
Volatile Organics by EPA 8260B				1 8260B	0912	14:29	PD
Methylene chloride	ND	ug/kg	29.				
1,1-Dichloroethane	ND	ug/kg	4.4				
Chloroform	ND	ug/kg	4.4				
Carbon tetrachloride	ND	ug/kg	2.9				
1,2-Dichloropropane	ND	ug/kg	10.				
Dibromochloromethane	ND	ug/kg	2.9				
1,1,2-Trichloroethane	ND	ug/kg	4.4				
Tetrachloroethene	30	ug/kg	2.9				
Chlorobenzene	ND	ug/kg	2.9				
Trichlorofluoromethane	ND	ug/kg	14.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-21
PWG-DW-2008-16 (5.5-6')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0912 14:29 PD	
1,2-Dichloroethane	ND	ug/kg	2.9				
1,1,1-Trichloroethane	ND	ug/kg	2.9				
Bromodichloromethane	ND	ug/kg	2.9				
trans-1,3-Dichloropropene	ND	ug/kg	2.9				
cis-1,3-Dichloropropene	ND	ug/kg	2.9				
1,1-Dichloropropene	ND	ug/kg	14.				
Bromoform	ND	ug/kg	12.				
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.9				
Benzene	ND	ug/kg	2.9				
Toluene	ND	ug/kg	4.4				
Ethylbenzene	ND	ug/kg	2.9				
Chloromethane	ND	ug/kg	14.				
Bromomethane	ND	ug/kg	5.8				
Vinyl chloride	ND	ug/kg	5.8				
Chloroethane	ND	ug/kg	5.8				
1,1-Dichloroethene	ND	ug/kg	2.9				
trans-1,2-Dichloroethene	ND	ug/kg	4.4				
Trichloroethene	ND	ug/kg	2.9				
1,2-Dichlorobenzene	ND	ug/kg	14.				
1,3-Dichlorobenzene	ND	ug/kg	14.				
1,4-Dichlorobenzene	ND	ug/kg	14.				
Methyl tert butyl ether	ND	ug/kg	5.8				
p/m-Xylene	ND	ug/kg	5.8				
o-Xylene	ND	ug/kg	5.8				
cis-1,2-Dichloroethene	3.0	ug/kg	2.9				
Dibromomethane	ND	ug/kg	29.				
Styrene	ND	ug/kg	5.8				
Dichlorodifluoromethane	ND	ug/kg	29.				
Acetone	ND	ug/kg	29.				
Carbon disulfide	ND	ug/kg	29.				
2-Butanone	ND	ug/kg	29.				
Vinyl acetate	ND	ug/kg	29.				
4-Methyl-2-pentanone	ND	ug/kg	29.				
1,2,3-Trichloropropane	ND	ug/kg	29.				
2-Hexanone	ND	ug/kg	29.				
Bromochloromethane	ND	ug/kg	14.				
2,2-Dichloropropane	ND	ug/kg	14.				
1,2-Dibromoethane	ND	ug/kg	12.				
1,3-Dichloropropane	ND	ug/kg	14.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.9				
Bromobenzene	ND	ug/kg	14.				
n-Butylbenzene	ND	ug/kg	2.9				
sec-Butylbenzene	ND	ug/kg	2.9				
tert-Butylbenzene	ND	ug/kg	14.				
o-Chlorotoluene	ND	ug/kg	14.				
p-Chlorotoluene	ND	ug/kg	14.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	14.				
Hexachlorobutadiene	ND	ug/kg	14.				
Isopropylbenzene	ND	ug/kg	2.9				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-21
PWG-DW-2008-16 (5.5-6')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0912	14:29 PD
p-Isopropyltoluene	ND	ug/kg	2.9				
Naphthalene	ND	ug/kg	14.				
Acrylonitrile	ND	ug/kg	29.				
n-Propylbenzene	ND	ug/kg	2.9				
1,2,3-Trichlorobenzene	ND	ug/kg	14.				
1,2,4-Trichlorobenzene	ND	ug/kg	14.				
1,3,5-Trimethylbenzene	ND	ug/kg	14.				
1,2,4-Trimethylbenzene	ND	ug/kg	14.				
1,4-Diethylbenzene	ND	ug/kg	12.				
4-Ethyltoluene	ND	ug/kg	12.				
1,2,4,5-Tetramethylbenzene	ND	ug/kg	12.				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	97.0	%	70-130				
Toluene-d8	107	%	70-130				
4-Bromofluorobenzene	116	%	70-130				
Dibromofluoromethane	99.0	%	70-130				
Semivolatile Organics by EPA 8270C				1	8270C	0911	03:30 0915 22:03 PS
Acenaphthene	ND	ug/kg	390				
1,2,4-Trichlorobenzene	ND	ug/kg	390				
Hexachlorobenzene	ND	ug/kg	390				
Bis(2-chloroethyl)ether	ND	ug/kg	390				
2-Chloronaphthalene	ND	ug/kg	460				
1,2-Dichlorobenzene	ND	ug/kg	390				
1,3-Dichlorobenzene	ND	ug/kg	390				
1,4-Dichlorobenzene	ND	ug/kg	390				
3,3'-Dichlorobenzidine	ND	ug/kg	780				
2,4-Dinitrotoluene	ND	ug/kg	390				
2,6-Dinitrotoluene	ND	ug/kg	390				
Fluoranthene	ND	ug/kg	390				
4-Chlorophenyl phenyl ether	ND	ug/kg	390				
4-Bromophenyl phenyl ether	ND	ug/kg	390				
Bis(2-chloroisopropyl)ether	ND	ug/kg	390				
Bis(2-chloroethoxy)methane	ND	ug/kg	390				
Hexachlorobutadiene	ND	ug/kg	780				
Hexachlorocyclopentadiene	ND	ug/kg	780				
Hexachloroethane	ND	ug/kg	390				
Isophorone	ND	ug/kg	390				
Naphthalene	ND	ug/kg	390				
Nitrobenzene	ND	ug/kg	390				
NitrosoDiPhenylAmine(NDPA)/DPA	ND	ug/kg	1200				
n-Nitrosodi-n-propylamine	ND	ug/kg	390				
Bis(2-Ethylhexyl)phthalate	ND	ug/kg	780				
Butyl benzyl phthalate	ND	ug/kg	390				
Di-n-butylphthalate	ND	ug/kg	390				
Di-n-octylphthalate	ND	ug/kg	390				
Diethyl phthalate	ND	ug/kg	390				
Dimethyl phthalate	ND	ug/kg	390				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-21
PWG-DW-2008-16 (5.5-6')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C cont'd				1	8270C	0911 03:30	0915 22:03 PS
Benzo(a)anthracene	ND	ug/kg	390				
Benzo(a)pyrene	ND	ug/kg	390				
Benzo(b)fluoranthene	ND	ug/kg	390				
Benzo(k)fluoranthene	ND	ug/kg	390				
Chrysene	ND	ug/kg	390				
Acenaphthylene	ND	ug/kg	390				
Anthracene	ND	ug/kg	390				
Benzo(ghi)perylene	ND	ug/kg	390				
Fluorene	ND	ug/kg	390				
Phenanthrene	ND	ug/kg	390				
Dibenzo(a,h)anthracene	ND	ug/kg	390				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	390				
Pyrene	ND	ug/kg	390				
Biphenyl	ND	ug/kg	390				
4-Chloroaniline	ND	ug/kg	390				
2-Nitroaniline	ND	ug/kg	390				
3-Nitroaniline	ND	ug/kg	390				
4-Nitroaniline	ND	ug/kg	540				
Dibenzofuran	ND	ug/kg	390				
2-Methylnaphthalene	ND	ug/kg	390				
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	1600				
Acetophenone	ND	ug/kg	1600				
2,4,6-Trichlorophenol	ND	ug/kg	390				
p-Chloro-M-Cresol	ND	ug/kg	390				
2-Chlorophenol	ND	ug/kg	460				
2,4-Dichlorophenol	ND	ug/kg	780				
2,4-Dimethylphenol	ND	ug/kg	390				
2-Nitrophenol	ND	ug/kg	1600				
4-Nitrophenol	ND	ug/kg	780				
2,4-Dinitrophenol	ND	ug/kg	1600				
4,6-Dinitro-o-cresol	ND	ug/kg	1600				
Pentachlorophenol	ND	ug/kg	1600				
Phenol	ND	ug/kg	540				
2-Methylphenol	ND	ug/kg	460				
3-Methylphenol/4-Methylphenol	ND	ug/kg	460				
2,4,5-Trichlorophenol	ND	ug/kg	390				
Benzoic Acid	ND	ug/kg	3900				
Benzyl Alcohol	ND	ug/kg	780				
Carbazole	ND	ug/kg	390				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	74.0	%	25-120				
Phenol-d6	75.0	%	10-120				
Nitrobenzene-d5	62.0	%	23-120				
2-Fluorobiphenyl	65.0	%	30-120				
2,4,6-Tribromophenol	84.0	%	19-120				
4-Terphenyl-d14	69.0	%	18-120				
Semivolatile Organics by EPA 8270C-SIM				1	8270C	0911 03:30	0913 19:19 AK

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-21
PWG-DW-2008-16 (5.5-6')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C-SIM cont'd				1	8270C	0911 03:30	0913 19:19 AK
Acenaphthene	ND	ug/kg	78.				
2-Chloronaphthalene	ND	ug/kg	78.				
Fluoranthene	160	ug/kg	78				
Hexachlorobutadiene	ND	ug/kg	190				
Naphthalene	ND	ug/kg	78.				
Benzo(a)anthracene	ND	ug/kg	78.				
Benzo(a)pyrene	ND	ug/kg	78.				
Benzo(b)fluoranthene	ND	ug/kg	78.				
Benzo(k)fluoranthene	ND	ug/kg	78.				
Chrysene	ND	ug/kg	78.				
Acenaphthylene	ND	ug/kg	78.				
Anthracene	ND	ug/kg	78.				
Benzo(ghi)perylene	ND	ug/kg	78.				
Fluorene	ND	ug/kg	78.				
Phenanthrene	ND	ug/kg	78.				
Dibenzo(a,h)anthracene	ND	ug/kg	78.				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	78.				
Pyrene	160	ug/kg	78				
2-Methylnaphthalene	ND	ug/kg	78.				
Pentachlorophenol	ND	ug/kg	310				
Hexachlorobenzene	ND	ug/kg	310				
Hexachloroethane	ND	ug/kg	310				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	63.0	%	25-120				
Phenol-d6	68.0	%	10-120				
Nitrobenzene-d5	57.0	%	23-120				
2-Fluorobiphenyl	63.0	%	30-120				
2,4,6-Tribromophenol	63.0	%	19-120				
4-Terphenyl-d14	65.0	%	18-120				
Petroleum Hydrocarbon Quantitation by GC-FID				1	8015B(M)	0911 00:15	0912 14:18 RT
TPH	ND	ug/kg	38800				
Surrogate(s)	Recovery		QC Criteria				
o-Terphenyl	64.0	%	40-140				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-22
PWG-DW-2008-17 (5.5-6')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0912 15:05 PD	
1,2-Dichloroethane	ND	ug/kg	3.0				
1,1,1-Trichloroethane	ND	ug/kg	3.0				
Bromodichloromethane	ND	ug/kg	3.0				
trans-1,3-Dichloropropene	ND	ug/kg	3.0				
cis-1,3-Dichloropropene	ND	ug/kg	3.0				
1,1-Dichloropropene	ND	ug/kg	15.				
Bromoform	ND	ug/kg	12.				
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.0				
Benzene	ND	ug/kg	3.0				
Toluene	ND	ug/kg	4.6				
Ethylbenzene	ND	ug/kg	3.0				
Chloromethane	ND	ug/kg	15.				
Bromomethane	ND	ug/kg	6.1				
Vinyl chloride	ND	ug/kg	6.1				
Chloroethane	ND	ug/kg	6.1				
1,1-Dichloroethene	ND	ug/kg	3.0				
trans-1,2-Dichloroethene	ND	ug/kg	4.6				
Trichloroethene	14	ug/kg	3.0				
1,2-Dichlorobenzene	ND	ug/kg	15.				
1,3-Dichlorobenzene	ND	ug/kg	15.				
1,4-Dichlorobenzene	ND	ug/kg	15.				
Methyl tert butyl ether	ND	ug/kg	6.1				
p/m-Xylene	ND	ug/kg	6.1				
o-Xylene	ND	ug/kg	6.1				
cis-1,2-Dichloroethene	86	ug/kg	3.0				
Dibromomethane	ND	ug/kg	30.				
Styrene	ND	ug/kg	6.1				
Dichlorodifluoromethane	ND	ug/kg	30.				
Acetone	ND	ug/kg	30.				
Carbon disulfide	ND	ug/kg	30.				
2-Butanone	ND	ug/kg	30.				
Vinyl acetate	ND	ug/kg	30.				
4-Methyl-2-pentanone	ND	ug/kg	30.				
1,2,3-Trichloropropane	ND	ug/kg	30.				
2-Hexanone	ND	ug/kg	30.				
Bromochloromethane	ND	ug/kg	15.				
2,2-Dichloropropane	ND	ug/kg	15.				
1,2-Dibromoethane	ND	ug/kg	12.				
1,3-Dichloropropane	ND	ug/kg	15.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.0				
Bromobenzene	ND	ug/kg	15.				
n-Butylbenzene	ND	ug/kg	3.0				
sec-Butylbenzene	ND	ug/kg	3.0				
tert-Butylbenzene	ND	ug/kg	15.				
o-Chlorotoluene	ND	ug/kg	15.				
p-Chlorotoluene	ND	ug/kg	15.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	15.				
Hexachlorobutadiene	ND	ug/kg	15.				
Isopropylbenzene	ND	ug/kg	3.0				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-22
PWG-DW-2008-17 (5.5-6')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0912	15:05 PD
p-Isopropyltoluene	ND	ug/kg	3.0				
Naphthalene	ND	ug/kg	15.				
Acrylonitrile	ND	ug/kg	30.				
n-Propylbenzene	ND	ug/kg	3.0				
1,2,3-Trichlorobenzene	ND	ug/kg	15.				
1,2,4-Trichlorobenzene	ND	ug/kg	15.				
1,3,5-Trimethylbenzene	ND	ug/kg	15.				
1,2,4-Trimethylbenzene	ND	ug/kg	15.				
1,4-Diethylbenzene	ND	ug/kg	12.				
4-Ethyltoluene	ND	ug/kg	12.				
1,2,4,5-Tetramethylbenzene	ND	ug/kg	12.				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	95.0	%	70-130				
Toluene-d8	103	%	70-130				
4-Bromofluorobenzene	111	%	70-130				
Dibromofluoromethane	94.0	%	70-130				
Semivolatile Organics by EPA 8270C				1	8270C	0911	03:30 0915 22:27 PS
Acenaphthene	ND	ug/kg	810				
1,2,4-Trichlorobenzene	ND	ug/kg	810				
Hexachlorobenzene	ND	ug/kg	810				
Bis(2-chloroethyl)ether	ND	ug/kg	810				
2-Chloronaphthalene	ND	ug/kg	980				
1,2-Dichlorobenzene	ND	ug/kg	810				
1,3-Dichlorobenzene	ND	ug/kg	810				
1,4-Dichlorobenzene	ND	ug/kg	810				
3,3'-Dichlorobenzidine	ND	ug/kg	1600				
2,4-Dinitrotoluene	ND	ug/kg	810				
2,6-Dinitrotoluene	ND	ug/kg	810				
Fluoranthene	ND	ug/kg	810				
4-Chlorophenyl phenyl ether	ND	ug/kg	810				
4-Bromophenyl phenyl ether	ND	ug/kg	810				
Bis(2-chloroisopropyl)ether	ND	ug/kg	810				
Bis(2-chloroethoxy)methane	ND	ug/kg	810				
Hexachlorobutadiene	ND	ug/kg	1600				
Hexachlorocyclopentadiene	ND	ug/kg	1600				
Hexachloroethane	ND	ug/kg	810				
Isophorone	ND	ug/kg	810				
Naphthalene	ND	ug/kg	810				
Nitrobenzene	ND	ug/kg	810				
NitrosoDiPhenylAmine(NDPA)/DPA	ND	ug/kg	2400				
n-Nitrosodi-n-propylamine	ND	ug/kg	810				
Bis(2-Ethylhexyl)phthalate	2000	ug/kg	1600				
Butyl benzyl phthalate	ND	ug/kg	810				
Di-n-butylphthalate	ND	ug/kg	810				
Di-n-octylphthalate	ND	ug/kg	810				
Diethyl phthalate	ND	ug/kg	810				
Dimethyl phthalate	ND	ug/kg	810				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-22
PWG-DW-2008-17 (5.5-6')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C cont'd				1	8270C	0911 03:30	0915 22:27 PS
Benzo(a)anthracene	ND	ug/kg	810				
Benzo(a)pyrene	ND	ug/kg	810				
Benzo(b)fluoranthene	ND	ug/kg	810				
Benzo(k)fluoranthene	ND	ug/kg	810				
Chrysene	ND	ug/kg	810				
Acenaphthylene	ND	ug/kg	810				
Anthracene	ND	ug/kg	810				
Benzo(ghi)perylene	ND	ug/kg	810				
Fluorene	ND	ug/kg	810				
Phenanthrene	ND	ug/kg	810				
Dibenzo(a,h)anthracene	ND	ug/kg	810				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	810				
Pyrene	ND	ug/kg	810				
Biphenyl	ND	ug/kg	810				
4-Chloroaniline	ND	ug/kg	810				
2-Nitroaniline	ND	ug/kg	810				
3-Nitroaniline	ND	ug/kg	810				
4-Nitroaniline	ND	ug/kg	1100				
Dibenzofuran	ND	ug/kg	810				
2-Methylnaphthalene	ND	ug/kg	810				
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	3200				
Acetophenone	ND	ug/kg	3200				
2,4,6-Trichlorophenol	ND	ug/kg	810				
p-Chloro-M-Cresol	ND	ug/kg	810				
2-Chlorophenol	ND	ug/kg	980				
2,4-Dichlorophenol	ND	ug/kg	1600				
2,4-Dimethylphenol	ND	ug/kg	810				
2-Nitrophenol	ND	ug/kg	3200				
4-Nitrophenol	ND	ug/kg	1600				
2,4-Dinitrophenol	ND	ug/kg	3200				
4,6-Dinitro-o-cresol	ND	ug/kg	3200				
Pentachlorophenol	ND	ug/kg	3200				
Phenol	ND	ug/kg	1100				
2-Methylphenol	ND	ug/kg	980				
3-Methylphenol/4-Methylphenol	ND	ug/kg	980				
2,4,5-Trichlorophenol	ND	ug/kg	810				
Benzoic Acid	ND	ug/kg	8100				
Benzyl Alcohol	ND	ug/kg	1600				
Carbazole	ND	ug/kg	810				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	74.0	%	25-120				
Phenol-d6	78.0	%	10-120				
Nitrobenzene-d5	62.0	%	23-120				
2-Fluorobiphenyl	72.0	%	30-120				
2,4,6-Tribromophenol	104	%	19-120				
4-Terphenyl-d14	74.0	%	18-120				
Semivolatile Organics by EPA 8270C-SIM				1	8270C	0911 03:30	0913 20:06 AK

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-22
PWG-DW-2008-17 (5.5-6')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C-SIM cont'd				1	8270C	0911 03:30	0913 20:06 AK
Acenaphthene	ND	ug/kg	810				
2-Chloronaphthalene	ND	ug/kg	810				
Fluoranthene	ND	ug/kg	810				
Hexachlorobutadiene	ND	ug/kg	2000				
Naphthalene	ND	ug/kg	810				
Benzo(a)anthracene	ND	ug/kg	810				
Benzo(a)pyrene	ND	ug/kg	810				
Benzo(b)fluoranthene	ND	ug/kg	810				
Benzo(k)fluoranthene	ND	ug/kg	810				
Chrysene	ND	ug/kg	810				
Acenaphthylene	ND	ug/kg	810				
Anthracene	ND	ug/kg	810				
Benzo(ghi)perylene	ND	ug/kg	810				
Fluorene	ND	ug/kg	810				
Phenanthrene	ND	ug/kg	810				
Dibenzo(a,h)anthracene	ND	ug/kg	810				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	810				
Pyrene	ND	ug/kg	810				
2-Methylnaphthalene	ND	ug/kg	810				
Pentachlorophenol	ND	ug/kg	3200				
Hexachlorobenzene	ND	ug/kg	3200				
Hexachloroethane	ND	ug/kg	3200				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	ND	%	25-120				
Phenol-d6	ND	%	10-120				
Nitrobenzene-d5	ND	%	23-120				
2-Fluorobiphenyl	ND	%	30-120				
2,4,6-Tribromophenol	ND	%	19-120				
4-Terphenyl-d14	ND	%	18-120				
Petroleum Hydrocarbon Quantitation by GC-FID				1	8015B(M)	0911 00:15	0912 13:44 RT
TPH	263000	ug/kg	40600				
Surrogate(s)	Recovery		QC Criteria				
o-Terphenyl	68.0	%	40-140				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-23
PWG-DW-2008-18 (4-4.5')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0912 15:42 PD	
1,2-Dichloroethane	ND	ug/kg	3.2				
1,1,1-Trichloroethane	ND	ug/kg	3.2				
Bromodichloromethane	ND	ug/kg	3.2				
trans-1,3-Dichloropropene	ND	ug/kg	3.2				
cis-1,3-Dichloropropene	ND	ug/kg	3.2				
1,1-Dichloropropene	ND	ug/kg	16.				
Bromoform	ND	ug/kg	13.				
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.2				
Benzene	ND	ug/kg	3.2				
Toluene	ND	ug/kg	4.8				
Ethylbenzene	ND	ug/kg	3.2				
Chloromethane	ND	ug/kg	16.				
Bromomethane	ND	ug/kg	6.4				
Vinyl chloride	ND	ug/kg	6.4				
Chloroethane	ND	ug/kg	6.4				
1,1-Dichloroethene	ND	ug/kg	3.2				
trans-1,2-Dichloroethene	ND	ug/kg	4.8				
Trichloroethene	ND	ug/kg	3.2				
1,2-Dichlorobenzene	ND	ug/kg	16.				
1,3-Dichlorobenzene	ND	ug/kg	16.				
1,4-Dichlorobenzene	ND	ug/kg	16.				
Methyl tert butyl ether	ND	ug/kg	6.4				
p/m-Xylene	ND	ug/kg	6.4				
o-Xylene	ND	ug/kg	6.4				
cis-1,2-Dichloroethene	ND	ug/kg	3.2				
Dibromomethane	ND	ug/kg	32.				
Styrene	ND	ug/kg	6.4				
Dichlorodifluoromethane	ND	ug/kg	32.				
Acetone	ND	ug/kg	32.				
Carbon disulfide	ND	ug/kg	32.				
2-Butanone	ND	ug/kg	32.				
Vinyl acetate	ND	ug/kg	32.				
4-Methyl-2-pentanone	ND	ug/kg	32.				
1,2,3-Trichloropropane	ND	ug/kg	32.				
2-Hexanone	ND	ug/kg	32.				
Bromochloromethane	ND	ug/kg	16.				
2,2-Dichloropropane	ND	ug/kg	16.				
1,2-Dibromoethane	ND	ug/kg	13.				
1,3-Dichloropropane	ND	ug/kg	16.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.2				
Bromobenzene	ND	ug/kg	16.				
n-Butylbenzene	ND	ug/kg	3.2				
sec-Butylbenzene	ND	ug/kg	3.2				
tert-Butylbenzene	ND	ug/kg	16.				
o-Chlorotoluene	ND	ug/kg	16.				
p-Chlorotoluene	ND	ug/kg	16.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	16.				
Hexachlorobutadiene	ND	ug/kg	16.				
Isopropylbenzene	ND	ug/kg	3.2				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-23
PWG-DW-2008-18 (4-4.5')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0912	15:42 PD
p-Isopropyltoluene	ND	ug/kg	3.2				
Naphthalene	ND	ug/kg	16.				
Acrylonitrile	ND	ug/kg	32.				
n-Propylbenzene	ND	ug/kg	3.2				
1,2,3-Trichlorobenzene	ND	ug/kg	16.				
1,2,4-Trichlorobenzene	ND	ug/kg	16.				
1,3,5-Trimethylbenzene	ND	ug/kg	16.				
1,2,4-Trimethylbenzene	ND	ug/kg	16.				
1,4-Diethylbenzene	ND	ug/kg	13.				
4-Ethyltoluene	ND	ug/kg	13.				
1,2,4,5-Tetramethylbenzene	ND	ug/kg	13.				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	93.0	%	70-130				
Toluene-d8	104	%	70-130				
4-Bromofluorobenzene	109	%	70-130				
Dibromofluoromethane	93.0	%	70-130				
Semivolatile Organics by EPA 8270C				1	8270C	0911	03:30 0913 15:03 PS
Acenaphthene	ND	ug/kg	850				
1,2,4-Trichlorobenzene	ND	ug/kg	850				
Hexachlorobenzene	ND	ug/kg	850				
Bis(2-chloroethyl)ether	ND	ug/kg	850				
2-Chloronaphthalene	ND	ug/kg	1000				
1,2-Dichlorobenzene	ND	ug/kg	850				
1,3-Dichlorobenzene	ND	ug/kg	850				
1,4-Dichlorobenzene	ND	ug/kg	850				
3,3'-Dichlorobenzidine	ND	ug/kg	1700				
2,4-Dinitrotoluene	ND	ug/kg	850				
2,6-Dinitrotoluene	ND	ug/kg	850				
Fluoranthene	ND	ug/kg	850				
4-Chlorophenyl phenyl ether	ND	ug/kg	850				
4-Bromophenyl phenyl ether	ND	ug/kg	850				
Bis(2-chloroisopropyl)ether	ND	ug/kg	850				
Bis(2-chloroethoxy)methane	ND	ug/kg	850				
Hexachlorobutadiene	ND	ug/kg	1700				
Hexachlorocyclopentadiene	ND	ug/kg	1700				
Hexachloroethane	ND	ug/kg	850				
Isophorone	ND	ug/kg	850				
Naphthalene	ND	ug/kg	850				
Nitrobenzene	ND	ug/kg	850				
NitrosoDiPhenylAmine(NDPA)/DPA	ND	ug/kg	2600				
n-Nitrosodi-n-propylamine	ND	ug/kg	850				
Bis(2-Ethylhexyl)phthalate	ND	ug/kg	1700				
Butyl benzyl phthalate	ND	ug/kg	850				
Di-n-butylphthalate	ND	ug/kg	850				
Di-n-octylphthalate	ND	ug/kg	850				
Diethyl phthalate	ND	ug/kg	850				
Dimethyl phthalate	ND	ug/kg	850				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-23
PWG-DW-2008-18 (4-4.5')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C cont'd				1	8270C	0911 03:30	0913 15:03 PS
Benzo(a)anthracene	ND	ug/kg	850				
Benzo(a)pyrene	ND	ug/kg	850				
Benzo(b)fluoranthene	ND	ug/kg	850				
Benzo(k)fluoranthene	ND	ug/kg	850				
Chrysene	ND	ug/kg	850				
Acenaphthylene	ND	ug/kg	850				
Anthracene	ND	ug/kg	850				
Benzo(ghi)perylene	ND	ug/kg	850				
Fluorene	ND	ug/kg	850				
Phenanthrene	ND	ug/kg	850				
Dibenzo(a,h)anthracene	ND	ug/kg	850				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	850				
Pyrene	ND	ug/kg	850				
Biphenyl	ND	ug/kg	850				
4-Chloroaniline	ND	ug/kg	850				
2-Nitroaniline	ND	ug/kg	850				
3-Nitroaniline	ND	ug/kg	850				
4-Nitroaniline	ND	ug/kg	1200				
Dibenzofuran	ND	ug/kg	850				
2-Methylnaphthalene	ND	ug/kg	850				
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	3400				
Acetophenone	ND	ug/kg	3400				
2,4,6-Trichlorophenol	ND	ug/kg	850				
p-Chloro-M-Cresol	ND	ug/kg	850				
2-Chlorophenol	ND	ug/kg	1000				
2,4-Dichlorophenol	ND	ug/kg	1700				
2,4-Dimethylphenol	ND	ug/kg	850				
2-Nitrophenol	ND	ug/kg	3400				
4-Nitrophenol	ND	ug/kg	1700				
2,4-Dinitrophenol	ND	ug/kg	3400				
4,6-Dinitro-o-cresol	ND	ug/kg	3400				
Pentachlorophenol	ND	ug/kg	3400				
Phenol	ND	ug/kg	1200				
2-Methylphenol	ND	ug/kg	1000				
3-Methylphenol/4-Methylphenol	ND	ug/kg	1000				
2,4,5-Trichlorophenol	ND	ug/kg	850				
Benzoic Acid	ND	ug/kg	8500				
Benzyl Alcohol	ND	ug/kg	1700				
Carbazole	ND	ug/kg	850				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	61.0	%	25-120				
Phenol-d6	62.0	%	10-120				
Nitrobenzene-d5	50.0	%	23-120				
2-Fluorobiphenyl	49.0	%	30-120				
2,4,6-Tribromophenol	74.0	%	19-120				
4-Terphenyl-d14	50.0	%	18-120				
Semivolatile Organics by EPA 8270C-SIM				1	8270C	0915 18:00	0916 16:59 AK

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-23
PWG-DW-2008-18 (4-4.5')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C-SIM cont'd				1	8270C	0915 18:00	0916 16:59 AK
Acenaphthene	ND	ug/kg	850				
2-Chloronaphthalene	ND	ug/kg	850				
Fluoranthene	ND	ug/kg	850				
Hexachlorobutadiene	ND	ug/kg	2100				
Naphthalene	ND	ug/kg	850				
Benzo(a)anthracene	ND	ug/kg	850				
Benzo(a)pyrene	ND	ug/kg	850				
Benzo(b)fluoranthene	ND	ug/kg	850				
Benzo(k)fluoranthene	ND	ug/kg	850				
Chrysene	ND	ug/kg	850				
Acenaphthylene	ND	ug/kg	850				
Anthracene	ND	ug/kg	850				
Benzo(ghi)perylene	ND	ug/kg	850				
Fluorene	ND	ug/kg	850				
Phenanthrene	ND	ug/kg	850				
Dibenzo(a,h)anthracene	ND	ug/kg	850				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	850				
Pyrene	ND	ug/kg	850				
2-Methylnaphthalene	ND	ug/kg	850				
Pentachlorophenol	ND	ug/kg	3400				
Hexachlorobenzene	ND	ug/kg	3400				
Hexachloroethane	ND	ug/kg	3400				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	ND	%	25-120				
Phenol-d6	ND	%	10-120				
Nitrobenzene-d5	ND	%	23-120				
2-Fluorobiphenyl	ND	%	30-120				
2,4,6-Tribromophenol	ND	%	19-120				
4-Terphenyl-d14	ND	%	18-120				
Petroleum Hydrocarbon Quantitation by GC-FID				1	8015B(M)	0911 00:15	0912 14:52 RT
TPH	194000	ug/kg	42700				
Surrogate(s)	Recovery		QC Criteria				
o-Terphenyl	68.0	%	40-140				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-24
PWG-DW-2008-19 (4.5-5')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0915 14:16 PD	
1,2-Dichloroethane	ND	ug/kg	3.0				
1,1,1-Trichloroethane	ND	ug/kg	3.0				
Bromodichloromethane	ND	ug/kg	3.0				
trans-1,3-Dichloropropene	ND	ug/kg	3.0				
cis-1,3-Dichloropropene	ND	ug/kg	3.0				
1,1-Dichloropropene	ND	ug/kg	15.				
Bromoform	ND	ug/kg	12.				
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.0				
Benzene	ND	ug/kg	3.0				
Toluene	ND	ug/kg	4.5				
Ethylbenzene	ND	ug/kg	3.0				
Chloromethane	ND	ug/kg	15.				
Bromomethane	ND	ug/kg	6.0				
Vinyl chloride	ND	ug/kg	6.0				
Chloroethane	ND	ug/kg	6.0				
1,1-Dichloroethene	ND	ug/kg	3.0				
trans-1,2-Dichloroethene	ND	ug/kg	4.5				
Trichloroethene	ND	ug/kg	3.0				
1,2-Dichlorobenzene	ND	ug/kg	15.				
1,3-Dichlorobenzene	ND	ug/kg	15.				
1,4-Dichlorobenzene	ND	ug/kg	15.				
Methyl tert butyl ether	ND	ug/kg	6.0				
p/m-Xylene	ND	ug/kg	6.0				
o-Xylene	ND	ug/kg	6.0				
cis-1,2-Dichloroethene	ND	ug/kg	3.0				
Dibromomethane	ND	ug/kg	30.				
Styrene	ND	ug/kg	6.0				
Dichlorodifluoromethane	ND	ug/kg	30.				
Acetone	ND	ug/kg	30.				
Carbon disulfide	ND	ug/kg	30.				
2-Butanone	ND	ug/kg	30.				
Vinyl acetate	ND	ug/kg	30.				
4-Methyl-2-pentanone	ND	ug/kg	30.				
1,2,3-Trichloropropane	ND	ug/kg	30.				
2-Hexanone	ND	ug/kg	30.				
Bromochloromethane	ND	ug/kg	15.				
2,2-Dichloropropane	ND	ug/kg	15.				
1,2-Dibromoethane	ND	ug/kg	12.				
1,3-Dichloropropane	ND	ug/kg	15.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.0				
Bromobenzene	ND	ug/kg	15.				
n-Butylbenzene	ND	ug/kg	3.0				
sec-Butylbenzene	ND	ug/kg	3.0				
tert-Butylbenzene	ND	ug/kg	15.				
o-Chlorotoluene	ND	ug/kg	15.				
p-Chlorotoluene	ND	ug/kg	15.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	15.				
Hexachlorobutadiene	ND	ug/kg	15.				
Isopropylbenzene	ND	ug/kg	3.0				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-24
PWG-DW-2008-19 (4.5-5')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0915	14:16 PD
p-Isopropyltoluene	ND	ug/kg	3.0				
Naphthalene	ND	ug/kg	15.				
Acrylonitrile	ND	ug/kg	30.				
n-Propylbenzene	ND	ug/kg	3.0				
1,2,3-Trichlorobenzene	ND	ug/kg	15.				
1,2,4-Trichlorobenzene	ND	ug/kg	15.				
1,3,5-Trimethylbenzene	ND	ug/kg	15.				
1,2,4-Trimethylbenzene	ND	ug/kg	15.				
1,4-Diethylbenzene	ND	ug/kg	12.				
4-Ethyltoluene	ND	ug/kg	12.				
1,2,4,5-Tetramethylbenzene	ND	ug/kg	12.				
Surrogate(s)	Recovery						QC Criteria
1,2-Dichloroethane-d4	89.0	%					70-130
Toluene-d8	100	%					70-130
4-Bromofluorobenzene	115	%					70-130
Dibromofluoromethane	90.0	%					70-130
Semivolatile Organics by EPA 8270C				1	8270C	0911	03:30 0913 15:27 PS
Acenaphthene	ND	ug/kg	790				
1,2,4-Trichlorobenzene	ND	ug/kg	790				
Hexachlorobenzene	ND	ug/kg	790				
Bis(2-chloroethyl)ether	ND	ug/kg	790				
2-Chloronaphthalene	ND	ug/kg	950				
1,2-Dichlorobenzene	ND	ug/kg	790				
1,3-Dichlorobenzene	ND	ug/kg	790				
1,4-Dichlorobenzene	ND	ug/kg	790				
3,3'-Dichlorobenzidine	ND	ug/kg	1600				
2,4-Dinitrotoluene	ND	ug/kg	790				
2,6-Dinitrotoluene	ND	ug/kg	790				
Fluoranthene	ND	ug/kg	790				
4-Chlorophenyl phenyl ether	ND	ug/kg	790				
4-Bromophenyl phenyl ether	ND	ug/kg	790				
Bis(2-chloroisopropyl)ether	ND	ug/kg	790				
Bis(2-chloroethoxy)methane	ND	ug/kg	790				
Hexachlorobutadiene	ND	ug/kg	1600				
Hexachlorocyclopentadiene	ND	ug/kg	1600				
Hexachloroethane	ND	ug/kg	790				
Isophorone	ND	ug/kg	790				
Naphthalene	ND	ug/kg	790				
Nitrobenzene	ND	ug/kg	790				
NitrosoDiPhenylAmine(NDPA)/DPA	ND	ug/kg	2400				
n-Nitrosodi-n-propylamine	ND	ug/kg	790				
Bis(2-Ethylhexyl)phthalate	ND	ug/kg	1600				
Butyl benzyl phthalate	ND	ug/kg	790				
Di-n-butylphthalate	ND	ug/kg	790				
Di-n-octylphthalate	ND	ug/kg	790				
Diethyl phthalate	ND	ug/kg	790				
Dimethyl phthalate	ND	ug/kg	790				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-24
PWG-DW-2008-19 (4.5-5')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C cont'd				1	8270C	0911 03:30	0913 15:27 PS
Benzo(a)anthracene	ND	ug/kg	790				
Benzo(a)pyrene	ND	ug/kg	790				
Benzo(b)fluoranthene	ND	ug/kg	790				
Benzo(k)fluoranthene	ND	ug/kg	790				
Chrysene	ND	ug/kg	790				
Acenaphthylene	ND	ug/kg	790				
Anthracene	ND	ug/kg	790				
Benzo(ghi)perylene	ND	ug/kg	790				
Fluorene	ND	ug/kg	790				
Phenanthrene	ND	ug/kg	790				
Dibenzo(a,h)anthracene	ND	ug/kg	790				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	790				
Pyrene	ND	ug/kg	790				
Biphenyl	ND	ug/kg	790				
4-Chloroaniline	ND	ug/kg	790				
2-Nitroaniline	ND	ug/kg	790				
3-Nitroaniline	ND	ug/kg	790				
4-Nitroaniline	ND	ug/kg	1100				
Dibenzofuran	ND	ug/kg	790				
2-Methylnaphthalene	ND	ug/kg	790				
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	3200				
Acetophenone	ND	ug/kg	3200				
2,4,6-Trichlorophenol	ND	ug/kg	790				
p-Chloro-M-Cresol	ND	ug/kg	790				
2-Chlorophenol	ND	ug/kg	950				
2,4-Dichlorophenol	ND	ug/kg	1600				
2,4-Dimethylphenol	ND	ug/kg	790				
2-Nitrophenol	ND	ug/kg	3200				
4-Nitrophenol	ND	ug/kg	1600				
2,4-Dinitrophenol	ND	ug/kg	3200				
4,6-Dinitro-o-cresol	ND	ug/kg	3200				
Pentachlorophenol	ND	ug/kg	3200				
Phenol	ND	ug/kg	1100				
2-Methylphenol	ND	ug/kg	950				
3-Methylphenol/4-Methylphenol	ND	ug/kg	950				
2,4,5-Trichlorophenol	ND	ug/kg	790				
Benzoic Acid	ND	ug/kg	7900				
Benzyl Alcohol	ND	ug/kg	1600				
Carbazole	ND	ug/kg	790				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	76.0	%	25-120				
Phenol-d6	76.0	%	10-120				
Nitrobenzene-d5	63.0	%	23-120				
2-Fluorobiphenyl	63.0	%	30-120				
2,4,6-Tribromophenol	78.0	%	19-120				
4-Terphenyl-d14	71.0	%	18-120				
Semivolatile Organics by EPA 8270C-SIM				1	8270C	0911 03:30	0913 21:41 AK

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-24
PWG-DW-2008-19 (4.5-5')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C-SIM cont'd				1	8270C	0911 03:30	0913 21:41 AK
Acenaphthene	ND	ug/kg	16.				
2-Chloronaphthalene	ND	ug/kg	16.				
Fluoranthene	53	ug/kg	16				
Hexachlorobutadiene	ND	ug/kg	40.				
Naphthalene	ND	ug/kg	16.				
Benzo(a)anthracene	18	ug/kg	16				
Benzo(a)pyrene	36	ug/kg	16				
Benzo(b)fluoranthene	32	ug/kg	16				
Benzo(k)fluoranthene	34	ug/kg	16				
Chrysene	16	ug/kg	16				
Acenaphthylene	ND	ug/kg	16.				
Anthracene	ND	ug/kg	16.				
Benzo(ghi)perylene	ND	ug/kg	16.				
Fluorene	ND	ug/kg	16.				
Phenanthrene	16	ug/kg	16				
Dibenzo(a,h)anthracene	ND	ug/kg	16.				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	16.				
Pyrene	49	ug/kg	16				
2-Methylnaphthalene	ND	ug/kg	16.				
Pentachlorophenol	ND	ug/kg	63.				
Hexachlorobenzene	ND	ug/kg	63.				
Hexachloroethane	ND	ug/kg	63.				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	36.0	%	25-120				
Phenol-d6	37.0	%	10-120				
Nitrobenzene-d5	34.0	%	23-120				
2-Fluorobiphenyl	31.0	%	30-120				
2,4,6-Tribromophenol	29.0	%	19-120				
4-Terphenyl-d14	39.0	%	18-120				
Petroleum Hydrocarbon Quantitation by GC-FID				1	8015B(M)	0911 00:15	0912 13:44 RT
TPH	86400	ug/kg	39700				
Surrogate(s)	Recovery		QC Criteria				
o-Terphenyl	65.0	%	40-140				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

MA:M-MA086 NH:2003 CT:PH-0574 ME:MA0086 RI:LAO00065 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0813344-25
 PWG-DW-2008-20 (4.5-5')
 Sample Matrix: SOIL
 Condition of Sample: Satisfactory
 Number & Type of Containers: 3-Amber,1-Vial

Date Collected: 08-SEP-2008 15:20
 Date Received : 09-SEP-2008
 Date Reported : 25-SEP-2008
 Field Prep: None

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Solids, Total	71	%	0.10	30 2540G	0910	18:40	NM
Total Metals							
Aluminum, Total	4500	mg/kg	6.7	1 6010B	0910	13:30	0911 15:27 AI
Antimony, Total	ND	mg/kg	3.4	1 6010B	0910	13:30	0911 15:27 AI
Arsenic, Total	1.6	mg/kg	0.67	1 6010B	0910	13:30	0911 15:27 AI
Barium, Total	46	mg/kg	0.67	1 6010B	0910	13:30	0911 15:27 AI
Beryllium, Total	ND	mg/kg	0.34	1 6010B	0910	13:30	0911 15:27 AI
Cadmium, Total	3.3	mg/kg	0.67	1 6010B	0910	13:30	0911 15:27 AI
Calcium, Total	10000	mg/kg	6.7	1 6010B	0910	13:30	0911 15:27 AI
Chromium, Total	22	mg/kg	0.67	1 6010B	0910	13:30	0911 15:27 AI
Cobalt, Total	4.6	mg/kg	1.3	1 6010B	0910	13:30	0911 15:27 AI
Copper, Total	73	mg/kg	0.67	1 6010B	0910	13:30	0911 15:27 AI
Iron, Total	10000	mg/kg	3.4	1 6010B	0910	13:30	0911 15:27 AI
Lead, Total	960	mg/kg	3.4	1 6010B	0910	13:30	0911 15:27 AI
Magnesium, Total	6700	mg/kg	6.7	1 6010B	0910	13:30	0911 15:27 AI
Manganese, Total	89	mg/kg	0.67	1 6010B	0910	13:30	0911 15:27 AI
Mercury, Total	1.1	mg/kg	0.11	1 7471A	0912	20:30	0914 13:52 HG
Nickel, Total	17	mg/kg	1.7	1 6010B	0910	13:30	0911 15:27 AI
Potassium, Total	320	mg/kg	170	1 6010B	0910	13:30	0911 15:27 AI
Selenium, Total	ND	mg/kg	1.3	1 6010B	0910	13:30	0911 15:27 AI
Silver, Total	ND	mg/kg	0.67	1 6010B	0910	13:30	0911 15:27 AI
Sodium, Total	300	mg/kg	130	1 6010B	0910	13:30	0911 15:27 AI
Thallium, Total	ND	mg/kg	1.3	1 6010B	0910	13:30	0911 15:27 AI
Vanadium, Total	43	mg/kg	0.67	1 6010B	0910	13:30	0911 15:27 AI
Zinc, Total	340	mg/kg	3.4	1 6010B	0910	13:30	0911 15:27 AI
Volatile Organics by EPA 8260B				1 8260B	0912	16:55	PD
Methylene chloride	ND	ug/kg	35.				
1,1-Dichloroethane	ND	ug/kg	5.3				
Chloroform	ND	ug/kg	5.3				
Carbon tetrachloride	ND	ug/kg	3.5				
1,2-Dichloropropane	ND	ug/kg	12.				
Dibromochloromethane	ND	ug/kg	3.5				
1,1,2-Trichloroethane	ND	ug/kg	5.3				
Tetrachloroethene	ND	ug/kg	3.5				
Chlorobenzene	ND	ug/kg	3.5				
Trichlorofluoromethane	ND	ug/kg	18.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-25
PWG-DW-2008-20 (4.5-5')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0912 16:55 PD	
1,2-Dichloroethane	ND	ug/kg	3.5				
1,1,1-Trichloroethane	ND	ug/kg	3.5				
Bromodichloromethane	ND	ug/kg	3.5				
trans-1,3-Dichloropropene	ND	ug/kg	3.5				
cis-1,3-Dichloropropene	ND	ug/kg	3.5				
1,1-Dichloropropene	ND	ug/kg	18.				
Bromoform	ND	ug/kg	14.				
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.5				
Benzene	ND	ug/kg	3.5				
Toluene	ND	ug/kg	5.3				
Ethylbenzene	ND	ug/kg	3.5				
Chloromethane	ND	ug/kg	18.				
Bromomethane	ND	ug/kg	7.0				
Vinyl chloride	ND	ug/kg	7.0				
Chloroethane	ND	ug/kg	7.0				
1,1-Dichloroethene	ND	ug/kg	3.5				
trans-1,2-Dichloroethene	ND	ug/kg	5.3				
Trichloroethene	ND	ug/kg	3.5				
1,2-Dichlorobenzene	ND	ug/kg	18.				
1,3-Dichlorobenzene	ND	ug/kg	18.				
1,4-Dichlorobenzene	ND	ug/kg	18.				
Methyl tert butyl ether	ND	ug/kg	7.0				
p/m-Xylene	ND	ug/kg	7.0				
o-Xylene	ND	ug/kg	7.0				
cis-1,2-Dichloroethene	ND	ug/kg	3.5				
Dibromomethane	ND	ug/kg	35.				
Styrene	ND	ug/kg	7.0				
Dichlorodifluoromethane	ND	ug/kg	35.				
Acetone	ND	ug/kg	35.				
Carbon disulfide	ND	ug/kg	35.				
2-Butanone	ND	ug/kg	35.				
Vinyl acetate	ND	ug/kg	35.				
4-Methyl-2-pentanone	ND	ug/kg	35.				
1,2,3-Trichloropropane	ND	ug/kg	35.				
2-Hexanone	ND	ug/kg	35.				
Bromochloromethane	ND	ug/kg	18.				
2,2-Dichloropropane	ND	ug/kg	18.				
1,2-Dibromoethane	ND	ug/kg	14.				
1,3-Dichloropropane	ND	ug/kg	18.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.5				
Bromobenzene	ND	ug/kg	18.				
n-Butylbenzene	ND	ug/kg	3.5				
sec-Butylbenzene	ND	ug/kg	3.5				
tert-Butylbenzene	ND	ug/kg	18.				
o-Chlorotoluene	ND	ug/kg	18.				
p-Chlorotoluene	ND	ug/kg	18.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	18.				
Hexachlorobutadiene	ND	ug/kg	18.				
Isopropylbenzene	ND	ug/kg	3.5				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-25
PWG-DW-2008-20 (4.5-5')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0912	16:55 PD
p-Isopropyltoluene	ND	ug/kg	3.5				
Naphthalene	ND	ug/kg	18.				
Acrylonitrile	ND	ug/kg	35.				
n-Propylbenzene	ND	ug/kg	3.5				
1,2,3-Trichlorobenzene	ND	ug/kg	18.				
1,2,4-Trichlorobenzene	ND	ug/kg	18.				
1,3,5-Trimethylbenzene	ND	ug/kg	18.				
1,2,4-Trimethylbenzene	ND	ug/kg	18.				
1,4-Diethylbenzene	ND	ug/kg	14.				
4-Ethyltoluene	ND	ug/kg	14.				
1,2,4,5-Tetramethylbenzene	ND	ug/kg	14.				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	98.0	%	70-130				
Toluene-d8	108	%	70-130				
4-Bromofluorobenzene	116	%	70-130				
Dibromofluoromethane	99.0	%	70-130				
Semivolatile Organics by EPA 8270C				1	8270C	0911	03:30 0913 15:49 PS
Acenaphthene	ND	ug/kg	4700				
1,2,4-Trichlorobenzene	ND	ug/kg	4700				
Hexachlorobenzene	ND	ug/kg	4700				
Bis(2-chloroethyl)ether	ND	ug/kg	4700				
2-Chloronaphthalene	ND	ug/kg	5600				
1,2-Dichlorobenzene	ND	ug/kg	4700				
1,3-Dichlorobenzene	ND	ug/kg	4700				
1,4-Dichlorobenzene	ND	ug/kg	4700				
3,3'-Dichlorobenzidine	ND	ug/kg	9400				
2,4-Dinitrotoluene	ND	ug/kg	4700				
2,6-Dinitrotoluene	ND	ug/kg	4700				
Fluoranthene	ND	ug/kg	4700				
4-Chlorophenyl phenyl ether	ND	ug/kg	4700				
4-Bromophenyl phenyl ether	ND	ug/kg	4700				
Bis(2-chloroisopropyl)ether	ND	ug/kg	4700				
Bis(2-chloroethoxy)methane	ND	ug/kg	4700				
Hexachlorobutadiene	ND	ug/kg	9400				
Hexachlorocyclopentadiene	ND	ug/kg	9400				
Hexachloroethane	ND	ug/kg	4700				
Isophorone	ND	ug/kg	4700				
Naphthalene	ND	ug/kg	4700				
Nitrobenzene	ND	ug/kg	4700				
NitrosoDiPhenylAmine(NDPA)/DPA	ND	ug/kg	14000				
n-Nitrosodi-n-propylamine	ND	ug/kg	4700				
Bis(2-Ethylhexyl)phthalate	12000	ug/kg	9400				
Butyl benzyl phthalate	ND	ug/kg	4700				
Di-n-butylphthalate	ND	ug/kg	4700				
Di-n-octylphthalate	ND	ug/kg	4700				
Diethyl phthalate	ND	ug/kg	4700				
Dimethyl phthalate	ND	ug/kg	4700				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-25
PWG-DW-2008-20 (4.5-5')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C cont'd				1	8270C	0911 03:30	0913 15:49 PS
Benzo(a)anthracene	ND	ug/kg	4700				
Benzo(a)pyrene	ND	ug/kg	4700				
Benzo(b)fluoranthene	ND	ug/kg	4700				
Benzo(k)fluoranthene	ND	ug/kg	4700				
Chrysene	ND	ug/kg	4700				
Acenaphthylene	ND	ug/kg	4700				
Anthracene	ND	ug/kg	4700				
Benzo(ghi)perylene	ND	ug/kg	4700				
Fluorene	ND	ug/kg	4700				
Phenanthrene	ND	ug/kg	4700				
Dibenzo(a,h)anthracene	ND	ug/kg	4700				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	4700				
Pyrene	ND	ug/kg	4700				
Biphenyl	ND	ug/kg	4700				
4-Chloroaniline	ND	ug/kg	4700				
2-Nitroaniline	ND	ug/kg	4700				
3-Nitroaniline	ND	ug/kg	4700				
4-Nitroaniline	ND	ug/kg	6600				
Dibenzofuran	ND	ug/kg	4700				
2-Methylnaphthalene	ND	ug/kg	4700				
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	19000				
Acetophenone	ND	ug/kg	19000				
2,4,6-Trichlorophenol	ND	ug/kg	4700				
p-Chloro-M-Cresol	ND	ug/kg	4700				
2-Chlorophenol	ND	ug/kg	5600				
2,4-Dichlorophenol	ND	ug/kg	9400				
2,4-Dimethylphenol	ND	ug/kg	4700				
2-Nitrophenol	ND	ug/kg	19000				
4-Nitrophenol	ND	ug/kg	9400				
2,4-Dinitrophenol	ND	ug/kg	19000				
4,6-Dinitro-o-cresol	ND	ug/kg	19000				
Pentachlorophenol	ND	ug/kg	19000				
Phenol	ND	ug/kg	6600				
2-Methylphenol	ND	ug/kg	5600				
3-Methylphenol/4-Methylphenol	ND	ug/kg	5600				
2,4,5-Trichlorophenol	ND	ug/kg	4700				
Benzoic Acid	ND	ug/kg	47000				
Benzyl Alcohol	ND	ug/kg	9400				
Carbazole	ND	ug/kg	4700				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	98.0	%	25-120				
Phenol-d6	96.0	%	10-120				
Nitrobenzene-d5	85.0	%	23-120				
2-Fluorobiphenyl	94.0	%	30-120				
2,4,6-Tribromophenol	116	%	19-120				
4-Terphenyl-d14	88.0	%	18-120				
Semivolatile Organics by EPA 8270C-SIM				1	8270C	0911 03:30	0913 22:28 AK

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-25
PWG-DW-2008-20 (4.5-5')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C-SIM cont'd				1	8270C	0911 03:30	0913 22:28 AK
Acenaphthene	ND	ug/kg	1900				
2-Chloronaphthalene	ND	ug/kg	1900				
Fluoranthene	ND	ug/kg	1900				
Hexachlorobutadiene	ND	ug/kg	4700				
Naphthalene	ND	ug/kg	1900				
Benzo(a)anthracene	ND	ug/kg	1900				
Benzo(a)pyrene	ND	ug/kg	1900				
Benzo(b)fluoranthene	ND	ug/kg	1900				
Benzo(k)fluoranthene	ND	ug/kg	1900				
Chrysene	ND	ug/kg	1900				
Acenaphthylene	ND	ug/kg	1900				
Anthracene	ND	ug/kg	1900				
Benzo(ghi)perylene	ND	ug/kg	1900				
Fluorene	ND	ug/kg	1900				
Phenanthrene	ND	ug/kg	1900				
Dibenzo(a,h)anthracene	ND	ug/kg	1900				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	1900				
Pyrene	ND	ug/kg	1900				
2-Methylnaphthalene	ND	ug/kg	1900				
Pentachlorophenol	ND	ug/kg	7500				
Hexachlorobenzene	ND	ug/kg	7500				
Hexachloroethane	ND	ug/kg	7500				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	ND	%	25-120				
Phenol-d6	ND	%	10-120				
Nitrobenzene-d5	ND	%	23-120				
2-Fluorobiphenyl	ND	%	30-120				
2,4,6-Tribromophenol	ND	%	19-120				
4-Terphenyl-d14	ND	%	18-120				
Petroleum Hydrocarbon Quantitation by GC-FID				1	8015B(M)	0911 00:15	0912 16:52 RT
TPH	5430000	ug/kg	1170000				
Surrogate(s)	Recovery		QC Criteria				
o-Terphenyl	86.0	%	40-140				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

MA:M-MA086 NH:2003 CT:PH-0574 ME:MA0086 RI:LAO00065 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0813344-26 **Date Collected:** 08-SEP-2008 15:30
 PWG-DW-2008-22 (5.25-5.75') **Date Received :** 09-SEP-2008
Sample Matrix: SOIL **Date Reported :** 25-SEP-2008

Condition of Sample: Satisfactory **Field Prep:** None

Number & Type of Containers: 3-Amber,1-Vial

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Solids, Total	87	%	0.10	30 2540G		0910 19:00	NM
Total Metals							
Aluminum, Total	2200	mg/kg	5.3	1 6010B	0910 13:30	0911 15:57	AI
Antimony, Total	ND	mg/kg	2.6	1 6010B	0910 13:30	0911 15:57	AI
Arsenic, Total	7.2	mg/kg	0.53	1 6010B	0910 13:30	0911 15:57	AI
Barium, Total	6.9	mg/kg	0.53	1 6010B	0910 13:30	0911 15:57	AI
Beryllium, Total	0.34	mg/kg	0.26	1 6010B	0910 13:30	0911 15:57	AI
Cadmium, Total	ND	mg/kg	0.53	1 6010B	0910 13:30	0911 15:57	AI
Calcium, Total	11000	mg/kg	5.3	1 6010B	0910 13:30	0911 15:57	AI
Chromium, Total	26	mg/kg	0.53	1 6010B	0910 13:30	0911 15:57	AI
Cobalt, Total	1.7	mg/kg	1.0	1 6010B	0910 13:30	0911 15:57	AI
Copper, Total	6.1	mg/kg	0.53	1 6010B	0910 13:30	0911 15:57	AI
Iron, Total	15000	mg/kg	2.6	1 6010B	0910 13:30	0911 15:57	AI
Lead, Total	12	mg/kg	2.6	1 6010B	0910 13:30	0911 15:57	AI
Magnesium, Total	7200	mg/kg	5.3	1 6010B	0910 13:30	0911 15:57	AI
Manganese, Total	34	mg/kg	0.53	1 6010B	0910 13:30	0911 15:57	AI
Mercury, Total	ND	mg/kg	0.09	1 7471A	0912 20:30	0914 13:58	HG
Nickel, Total	3.8	mg/kg	1.3	1 6010B	0910 13:30	0911 15:57	AI
Potassium, Total	130	mg/kg	130	1 6010B	0910 13:30	0911 15:57	AI
Selenium, Total	ND	mg/kg	1.0	1 6010B	0910 13:30	0911 15:57	AI
Silver, Total	ND	mg/kg	0.53	1 6010B	0910 13:30	0911 15:57	AI
Sodium, Total	ND	mg/kg	100	1 6010B	0910 13:30	0911 15:57	AI
Thallium, Total	ND	mg/kg	2.1	1 6010B	0910 13:30	0911 19:55	AI
Vanadium, Total	14	mg/kg	0.53	1 6010B	0910 13:30	0911 15:57	AI
Zinc, Total	24	mg/kg	2.6	1 6010B	0910 13:30	0911 15:57	AI
Volatile Organics by EPA 8260B							
Methylene chloride	ND	ug/kg	29.	1 8260B		0912 17:31	PD
1,1-Dichloroethane	ND	ug/kg	4.3				
Chloroform	ND	ug/kg	4.3				
Carbon tetrachloride	ND	ug/kg	2.9				
1,2-Dichloropropane	ND	ug/kg	10.				
Dibromochloromethane	ND	ug/kg	2.9				
1,1,2-Trichloroethane	ND	ug/kg	4.3				
Tetrachloroethene	ND	ug/kg	2.9				
Chlorobenzene	ND	ug/kg	2.9				
Trichlorofluoromethane	ND	ug/kg	14.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-26
PWG-DW-2008-22 (5.25-5.75')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0912	17:31 PD
1,2-Dichloroethane	ND	ug/kg	2.9				
1,1,1-Trichloroethane	ND	ug/kg	2.9				
Bromodichloromethane	ND	ug/kg	2.9				
trans-1,3-Dichloropropene	ND	ug/kg	2.9				
cis-1,3-Dichloropropene	ND	ug/kg	2.9				
1,1-Dichloropropene	ND	ug/kg	14.				
Bromoform	ND	ug/kg	11.				
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.9				
Benzene	ND	ug/kg	2.9				
Toluene	ND	ug/kg	4.3				
Ethylbenzene	ND	ug/kg	2.9				
Chloromethane	ND	ug/kg	14.				
Bromomethane	ND	ug/kg	5.7				
Vinyl chloride	ND	ug/kg	5.7				
Chloroethane	ND	ug/kg	5.7				
1,1-Dichloroethene	ND	ug/kg	2.9				
trans-1,2-Dichloroethene	ND	ug/kg	4.3				
Trichloroethene	ND	ug/kg	2.9				
1,2-Dichlorobenzene	ND	ug/kg	14.				
1,3-Dichlorobenzene	ND	ug/kg	14.				
1,4-Dichlorobenzene	ND	ug/kg	14.				
Methyl tert butyl ether	ND	ug/kg	5.7				
p/m-Xylene	ND	ug/kg	5.7				
o-Xylene	ND	ug/kg	5.7				
cis-1,2-Dichloroethene	ND	ug/kg	2.9				
Dibromomethane	ND	ug/kg	29.				
Styrene	ND	ug/kg	5.7				
Dichlorodifluoromethane	ND	ug/kg	29.				
Acetone	ND	ug/kg	29.				
Carbon disulfide	ND	ug/kg	29.				
2-Butanone	ND	ug/kg	29.				
Vinyl acetate	ND	ug/kg	29.				
4-Methyl-2-pentanone	ND	ug/kg	29.				
1,2,3-Trichloropropane	ND	ug/kg	29.				
2-Hexanone	ND	ug/kg	29.				
Bromochloromethane	ND	ug/kg	14.				
2,2-Dichloropropane	ND	ug/kg	14.				
1,2-Dibromoethane	ND	ug/kg	11.				
1,3-Dichloropropane	ND	ug/kg	14.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.9				
Bromobenzene	ND	ug/kg	14.				
n-Butylbenzene	ND	ug/kg	2.9				
sec-Butylbenzene	ND	ug/kg	2.9				
tert-Butylbenzene	ND	ug/kg	14.				
o-Chlorotoluene	ND	ug/kg	14.				
p-Chlorotoluene	ND	ug/kg	14.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	14.				
Hexachlorobutadiene	ND	ug/kg	14.				
Isopropylbenzene	ND	ug/kg	2.9				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-26
PWG-DW-2008-22 (5.25-5.75')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0912	17:31 PD
p-Isopropyltoluene	ND	ug/kg	2.9				
Naphthalene	ND	ug/kg	14.				
Acrylonitrile	ND	ug/kg	29.				
n-Propylbenzene	ND	ug/kg	2.9				
1,2,3-Trichlorobenzene	ND	ug/kg	14.				
1,2,4-Trichlorobenzene	ND	ug/kg	14.				
1,3,5-Trimethylbenzene	ND	ug/kg	14.				
1,2,4-Trimethylbenzene	ND	ug/kg	14.				
1,4-Diethylbenzene	ND	ug/kg	11.				
4-Ethyltoluene	ND	ug/kg	11.				
1,2,4,5-Tetramethylbenzene	ND	ug/kg	11.				
Surrogate(s)	Recovery						QC Criteria
1,2-Dichloroethane-d4	96.0	%					70-130
Toluene-d8	105	%					70-130
4-Bromofluorobenzene	112	%					70-130
Dibromofluoromethane	96.0	%					70-130
Semivolatile Organics by EPA 8270C				1	8270C	0911	00:30 0913 16:12 PS
Acenaphthene	ND	ug/kg	380				
1,2,4-Trichlorobenzene	ND	ug/kg	380				
Hexachlorobenzene	ND	ug/kg	380				
Bis(2-chloroethyl)ether	ND	ug/kg	380				
2-Chloronaphthalene	ND	ug/kg	460				
1,2-Dichlorobenzene	ND	ug/kg	380				
1,3-Dichlorobenzene	ND	ug/kg	380				
1,4-Dichlorobenzene	ND	ug/kg	380				
3,3'-Dichlorobenzidine	ND	ug/kg	770				
2,4-Dinitrotoluene	ND	ug/kg	380				
2,6-Dinitrotoluene	ND	ug/kg	380				
Fluoranthene	ND	ug/kg	380				
4-Chlorophenyl phenyl ether	ND	ug/kg	380				
4-Bromophenyl phenyl ether	ND	ug/kg	380				
Bis(2-chloroisopropyl)ether	ND	ug/kg	380				
Bis(2-chloroethoxy)methane	ND	ug/kg	380				
Hexachlorobutadiene	ND	ug/kg	770				
Hexachlorocyclopentadiene	ND	ug/kg	770				
Hexachloroethane	ND	ug/kg	380				
Isophorone	ND	ug/kg	380				
Naphthalene	ND	ug/kg	380				
Nitrobenzene	ND	ug/kg	380				
NitrosoDiPhenylAmine(NDPA)/DPA	ND	ug/kg	1100				
n-Nitrosodi-n-propylamine	ND	ug/kg	380				
Bis(2-Ethylhexyl)phthalate	ND	ug/kg	770				
Butyl benzyl phthalate	ND	ug/kg	380				
Di-n-butylphthalate	ND	ug/kg	380				
Di-n-octylphthalate	ND	ug/kg	380				
Diethyl phthalate	ND	ug/kg	380				
Dimethyl phthalate	ND	ug/kg	380				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-26
PWG-DW-2008-22 (5.25-5.75')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C cont'd				1	8270C	0911 00:30	0913 16:12 PS
Benzo(a)anthracene	ND	ug/kg	380				
Benzo(a)pyrene	ND	ug/kg	380				
Benzo(b)fluoranthene	ND	ug/kg	380				
Benzo(k)fluoranthene	ND	ug/kg	380				
Chrysene	ND	ug/kg	380				
Acenaphthylene	ND	ug/kg	380				
Anthracene	ND	ug/kg	380				
Benzo(ghi)perylene	ND	ug/kg	380				
Fluorene	ND	ug/kg	380				
Phenanthrene	ND	ug/kg	380				
Dibenzo(a,h)anthracene	ND	ug/kg	380				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	380				
Pyrene	ND	ug/kg	380				
Biphenyl	ND	ug/kg	380				
4-Chloroaniline	ND	ug/kg	380				
2-Nitroaniline	ND	ug/kg	380				
3-Nitroaniline	ND	ug/kg	380				
4-Nitroaniline	ND	ug/kg	540				
Dibenzofuran	ND	ug/kg	380				
2-Methylnaphthalene	ND	ug/kg	380				
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	1500				
Acetophenone	ND	ug/kg	1500				
2,4,6-Trichlorophenol	ND	ug/kg	380				
p-Chloro-M-Cresol	ND	ug/kg	380				
2-Chlorophenol	ND	ug/kg	460				
2,4-Dichlorophenol	ND	ug/kg	770				
2,4-Dimethylphenol	ND	ug/kg	380				
2-Nitrophenol	ND	ug/kg	1500				
4-Nitrophenol	ND	ug/kg	770				
2,4-Dinitrophenol	ND	ug/kg	1500				
4,6-Dinitro-o-cresol	ND	ug/kg	1500				
Pentachlorophenol	ND	ug/kg	1500				
Phenol	ND	ug/kg	540				
2-Methylphenol	ND	ug/kg	460				
3-Methylphenol/4-Methylphenol	ND	ug/kg	460				
2,4,5-Trichlorophenol	ND	ug/kg	380				
Benzoic Acid	ND	ug/kg	3800				
Benzyl Alcohol	ND	ug/kg	770				
Carbazole	ND	ug/kg	380				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	55.0	%	25-120				
Phenol-d6	53.0	%	10-120				
Nitrobenzene-d5	47.0	%	23-120				
2-Fluorobiphenyl	47.0	%	30-120				
2,4,6-Tribromophenol	69.0	%	19-120				
4-Terphenyl-d14	61.0	%	18-120				
Semivolatile Organics by EPA 8270C-SIM				1	8270C	0911 00:30	0914 02:57 AK

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-26
PWG-DW-2008-22 (5.25-5.75')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C-SIM cont'd				1	8270C	0911 00:30	0914 02:57 AK
Acenaphthene	ND	ug/kg	31.				
2-Chloronaphthalene	ND	ug/kg	31.				
Fluoranthene	ND	ug/kg	31.				
Hexachlorobutadiene	ND	ug/kg	77.				
Naphthalene	ND	ug/kg	31.				
Benzo(a)anthracene	ND	ug/kg	31.				
Benzo(a)pyrene	ND	ug/kg	31.				
Benzo(b)fluoranthene	ND	ug/kg	31.				
Benzo(k)fluoranthene	ND	ug/kg	31.				
Chrysene	ND	ug/kg	31.				
Acenaphthylene	ND	ug/kg	31.				
Anthracene	ND	ug/kg	31.				
Benzo(ghi)perylene	ND	ug/kg	31.				
Fluorene	ND	ug/kg	31.				
Phenanthrene	ND	ug/kg	31.				
Dibenzo(a,h)anthracene	ND	ug/kg	31.				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	31.				
Pyrene	ND	ug/kg	31.				
2-Methylnaphthalene	ND	ug/kg	31.				
Pentachlorophenol	ND	ug/kg	120				
Hexachlorobenzene	ND	ug/kg	120				
Hexachloroethane	ND	ug/kg	120				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	65.0	%	25-120				
Phenol-d6	72.0	%	10-120				
Nitrobenzene-d5	62.0	%	23-120				
2-Fluorobiphenyl	61.0	%	30-120				
2,4,6-Tribromophenol	66.0	%	19-120				
4-Terphenyl-d14	87.0	%	18-120				
Petroleum Hydrocarbon Quantitation by GC-FID				1	8015B(M)	0911 01:00	0912 01:29 JL
TPH	ND	ug/kg	38300				
Surrogate(s)	Recovery		QC Criteria				
o-Terphenyl	69.0	%	40-140				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-27
PWG-DW-2008-23 (3-3.5')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0912 18:08 PD	
1,2-Dichloroethane	ND	ug/kg	3.2				
1,1,1-Trichloroethane	ND	ug/kg	3.2				
Bromodichloromethane	ND	ug/kg	3.2				
trans-1,3-Dichloropropene	ND	ug/kg	3.2				
cis-1,3-Dichloropropene	ND	ug/kg	3.2				
1,1-Dichloropropene	ND	ug/kg	16.				
Bromoform	ND	ug/kg	13.				
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.2				
Benzene	ND	ug/kg	3.2				
Toluene	ND	ug/kg	4.7				
Ethylbenzene	ND	ug/kg	3.2				
Chloromethane	ND	ug/kg	16.				
Bromomethane	ND	ug/kg	6.3				
Vinyl chloride	ND	ug/kg	6.3				
Chloroethane	ND	ug/kg	6.3				
1,1-Dichloroethene	ND	ug/kg	3.2				
trans-1,2-Dichloroethene	ND	ug/kg	4.7				
Trichloroethene	ND	ug/kg	3.2				
1,2-Dichlorobenzene	ND	ug/kg	16.				
1,3-Dichlorobenzene	ND	ug/kg	16.				
1,4-Dichlorobenzene	ND	ug/kg	16.				
Methyl tert butyl ether	ND	ug/kg	6.3				
p/m-Xylene	ND	ug/kg	6.3				
o-Xylene	ND	ug/kg	6.3				
cis-1,2-Dichloroethene	ND	ug/kg	3.2				
Dibromomethane	ND	ug/kg	32.				
Styrene	ND	ug/kg	6.3				
Dichlorodifluoromethane	ND	ug/kg	32.				
Acetone	ND	ug/kg	32.				
Carbon disulfide	ND	ug/kg	32.				
2-Butanone	ND	ug/kg	32.				
Vinyl acetate	ND	ug/kg	32.				
4-Methyl-2-pentanone	ND	ug/kg	32.				
1,2,3-Trichloropropane	ND	ug/kg	32.				
2-Hexanone	ND	ug/kg	32.				
Bromochloromethane	ND	ug/kg	16.				
2,2-Dichloropropane	ND	ug/kg	16.				
1,2-Dibromoethane	ND	ug/kg	13.				
1,3-Dichloropropane	ND	ug/kg	16.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.2				
Bromobenzene	ND	ug/kg	16.				
n-Butylbenzene	ND	ug/kg	3.2				
sec-Butylbenzene	ND	ug/kg	3.2				
tert-Butylbenzene	ND	ug/kg	16.				
o-Chlorotoluene	ND	ug/kg	16.				
p-Chlorotoluene	ND	ug/kg	16.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	16.				
Hexachlorobutadiene	ND	ug/kg	16.				
Isopropylbenzene	ND	ug/kg	3.2				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-27
PWG-DW-2008-23 (3-3.5')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0912	18:08 PD
p-Isopropyltoluene	ND	ug/kg	3.2				
Naphthalene	ND	ug/kg	16.				
Acrylonitrile	ND	ug/kg	32.				
n-Propylbenzene	ND	ug/kg	3.2				
1,2,3-Trichlorobenzene	ND	ug/kg	16.				
1,2,4-Trichlorobenzene	ND	ug/kg	16.				
1,3,5-Trimethylbenzene	ND	ug/kg	16.				
1,2,4-Trimethylbenzene	ND	ug/kg	16.				
1,4-Diethylbenzene	ND	ug/kg	13.				
4-Ethyltoluene	ND	ug/kg	13.				
1,2,4,5-Tetramethylbenzene	ND	ug/kg	13.				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	115	%	70-130				
Toluene-d8	120	%	70-130				
4-Bromofluorobenzene	138	%	70-130				
Dibromofluoromethane	114	%	70-130				
Semivolatile Organics by EPA 8270C				1	8270C	0911	00:30 0913 16:36 PS
Acenaphthene	ND	ug/kg	2100				
1,2,4-Trichlorobenzene	ND	ug/kg	2100				
Hexachlorobenzene	ND	ug/kg	2100				
Bis(2-chloroethyl)ether	ND	ug/kg	2100				
2-Chloronaphthalene	ND	ug/kg	2500				
1,2-Dichlorobenzene	ND	ug/kg	2100				
1,3-Dichlorobenzene	ND	ug/kg	2100				
1,4-Dichlorobenzene	ND	ug/kg	2100				
3,3'-Dichlorobenzidine	ND	ug/kg	4200				
2,4-Dinitrotoluene	ND	ug/kg	2100				
2,6-Dinitrotoluene	ND	ug/kg	2100				
Fluoranthene	ND	ug/kg	2100				
4-Chlorophenyl phenyl ether	ND	ug/kg	2100				
4-Bromophenyl phenyl ether	ND	ug/kg	2100				
Bis(2-chloroisopropyl)ether	ND	ug/kg	2100				
Bis(2-chloroethoxy)methane	ND	ug/kg	2100				
Hexachlorobutadiene	ND	ug/kg	4200				
Hexachlorocyclopentadiene	ND	ug/kg	4200				
Hexachloroethane	ND	ug/kg	2100				
Isophorone	ND	ug/kg	2100				
Naphthalene	ND	ug/kg	2100				
Nitrobenzene	ND	ug/kg	2100				
NitrosoDiPhenylAmine(NDPA)/DPA	ND	ug/kg	6300				
n-Nitrosodi-n-propylamine	ND	ug/kg	2100				
Bis(2-Ethylhexyl)phthalate	ND	ug/kg	4200				
Butyl benzyl phthalate	ND	ug/kg	2100				
Di-n-butylphthalate	ND	ug/kg	2100				
Di-n-octylphthalate	ND	ug/kg	2100				
Diethyl phthalate	ND	ug/kg	2100				
Dimethyl phthalate	ND	ug/kg	2100				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-27
PWG-DW-2008-23 (3-3.5')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C cont'd				1	8270C	0911 00:30	0913 16:36 PS
Benzo(a)anthracene	ND	ug/kg	2100				
Benzo(a)pyrene	ND	ug/kg	2100				
Benzo(b)fluoranthene	ND	ug/kg	2100				
Benzo(k)fluoranthene	ND	ug/kg	2100				
Chrysene	ND	ug/kg	2100				
Acenaphthylene	ND	ug/kg	2100				
Anthracene	ND	ug/kg	2100				
Benzo(ghi)perylene	ND	ug/kg	2100				
Fluorene	ND	ug/kg	2100				
Phenanthrene	ND	ug/kg	2100				
Dibenzo(a,h)anthracene	ND	ug/kg	2100				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	2100				
Pyrene	ND	ug/kg	2100				
Biphenyl	ND	ug/kg	2100				
4-Chloroaniline	ND	ug/kg	2100				
2-Nitroaniline	ND	ug/kg	2100				
3-Nitroaniline	ND	ug/kg	2100				
4-Nitroaniline	ND	ug/kg	3000				
Dibenzofuran	ND	ug/kg	2100				
2-Methylnaphthalene	ND	ug/kg	2100				
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	8400				
Acetophenone	ND	ug/kg	8400				
2,4,6-Trichlorophenol	ND	ug/kg	2100				
p-Chloro-M-Cresol	ND	ug/kg	2100				
2-Chlorophenol	ND	ug/kg	2500				
2,4-Dichlorophenol	ND	ug/kg	4200				
2,4-Dimethylphenol	ND	ug/kg	2100				
2-Nitrophenol	ND	ug/kg	8400				
4-Nitrophenol	ND	ug/kg	4200				
2,4-Dinitrophenol	ND	ug/kg	8400				
4,6-Dinitro-o-cresol	ND	ug/kg	8400				
Pentachlorophenol	ND	ug/kg	8400				
Phenol	ND	ug/kg	3000				
2-Methylphenol	ND	ug/kg	2500				
3-Methylphenol/4-Methylphenol	ND	ug/kg	2500				
2,4,5-Trichlorophenol	ND	ug/kg	2100				
Benzoic Acid	ND	ug/kg	21000				
Benzyl Alcohol	ND	ug/kg	4200				
Carbazole	ND	ug/kg	2100				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	71.0	%	25-120				
Phenol-d6	78.0	%	10-120				
Nitrobenzene-d5	68.0	%	23-120				
2-Fluorobiphenyl	82.0	%	30-120				
2,4,6-Tribromophenol	90.0	%	19-120				
4-Terphenyl-d14	76.0	%	18-120				
Semivolatile Organics by EPA 8270C-SIM				1	8270C	0911 00:30	0914 03:44 AK

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-27
PWG-DW-2008-23 (3-3.5')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C-SIM cont'd				1	8270C	0911 00:30	0914 03:44 AK
Acenaphthene	ND	ug/kg	840				
2-Chloronaphthalene	ND	ug/kg	840				
Fluoranthene	ND	ug/kg	840				
Hexachlorobutadiene	ND	ug/kg	2100				
Naphthalene	ND	ug/kg	840				
Benzo(a)anthracene	ND	ug/kg	840				
Benzo(a)pyrene	ND	ug/kg	840				
Benzo(b)fluoranthene	ND	ug/kg	840				
Benzo(k)fluoranthene	ND	ug/kg	840				
Chrysene	ND	ug/kg	840				
Acenaphthylene	ND	ug/kg	840				
Anthracene	ND	ug/kg	840				
Benzo(ghi)perylene	ND	ug/kg	840				
Fluorene	ND	ug/kg	840				
Phenanthrene	ND	ug/kg	840				
Dibenzo(a,h)anthracene	ND	ug/kg	840				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	840				
Pyrene	ND	ug/kg	840				
2-Methylnaphthalene	ND	ug/kg	840				
Pentachlorophenol	ND	ug/kg	3400				
Hexachlorobenzene	ND	ug/kg	3400				
Hexachloroethane	ND	ug/kg	3400				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	ND	%	25-120				
Phenol-d6	ND	%	10-120				
Nitrobenzene-d5	ND	%	23-120				
2-Fluorobiphenyl	ND	%	30-120				
2,4,6-Tribromophenol	ND	%	19-120				
4-Terphenyl-d14	ND	%	18-120				
Petroleum Hydrocarbon Quantitation by GC-FID				1	8015B(M)	0911 01:00	0912 02:03 JL
TPH	ND	ug/kg	211000				
Surrogate(s)	Recovery		QC Criteria				
o-Terphenyl	84.0	%	40-140				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-28
PWG-DW-2008-24 (6-6.5')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0912 18:44 PD	
1,2-Dichloroethane	ND	ug/kg	3.3				
1,1,1-Trichloroethane	ND	ug/kg	3.3				
Bromodichloromethane	ND	ug/kg	3.3				
trans-1,3-Dichloropropene	ND	ug/kg	3.3				
cis-1,3-Dichloropropene	ND	ug/kg	3.3				
1,1-Dichloropropene	ND	ug/kg	17.				
Bromoform	ND	ug/kg	13.				
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.3				
Benzene	ND	ug/kg	3.3				
Toluene	ND	ug/kg	5.0				
Ethylbenzene	ND	ug/kg	3.3				
Chloromethane	ND	ug/kg	17.				
Bromomethane	ND	ug/kg	6.7				
Vinyl chloride	ND	ug/kg	6.7				
Chloroethane	ND	ug/kg	6.7				
1,1-Dichloroethene	ND	ug/kg	3.3				
trans-1,2-Dichloroethene	ND	ug/kg	5.0				
Trichloroethene	ND	ug/kg	3.3				
1,2-Dichlorobenzene	ND	ug/kg	17.				
1,3-Dichlorobenzene	ND	ug/kg	17.				
1,4-Dichlorobenzene	ND	ug/kg	17.				
Methyl tert butyl ether	ND	ug/kg	6.7				
p/m-Xylene	ND	ug/kg	6.7				
o-Xylene	ND	ug/kg	6.7				
cis-1,2-Dichloroethene	ND	ug/kg	3.3				
Dibromomethane	ND	ug/kg	33.				
Styrene	ND	ug/kg	6.7				
Dichlorodifluoromethane	ND	ug/kg	33.				
Acetone	ND	ug/kg	33.				
Carbon disulfide	ND	ug/kg	33.				
2-Butanone	ND	ug/kg	33.				
Vinyl acetate	ND	ug/kg	33.				
4-Methyl-2-pentanone	ND	ug/kg	33.				
1,2,3-Trichloropropane	ND	ug/kg	33.				
2-Hexanone	ND	ug/kg	33.				
Bromochloromethane	ND	ug/kg	17.				
2,2-Dichloropropane	ND	ug/kg	17.				
1,2-Dibromoethane	ND	ug/kg	13.				
1,3-Dichloropropane	ND	ug/kg	17.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.3				
Bromobenzene	ND	ug/kg	17.				
n-Butylbenzene	ND	ug/kg	3.3				
sec-Butylbenzene	ND	ug/kg	3.3				
tert-Butylbenzene	ND	ug/kg	17.				
o-Chlorotoluene	ND	ug/kg	17.				
p-Chlorotoluene	ND	ug/kg	17.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	17.				
Hexachlorobutadiene	ND	ug/kg	17.				
Isopropylbenzene	ND	ug/kg	3.3				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-28
PWG-DW-2008-24 (6-6.5')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0912	18:44 PD
p-Isopropyltoluene	ND	ug/kg	3.3				
Naphthalene	ND	ug/kg	17.				
Acrylonitrile	ND	ug/kg	33.				
n-Propylbenzene	ND	ug/kg	3.3				
1,2,3-Trichlorobenzene	ND	ug/kg	17.				
1,2,4-Trichlorobenzene	ND	ug/kg	17.				
1,3,5-Trimethylbenzene	ND	ug/kg	17.				
1,2,4-Trimethylbenzene	ND	ug/kg	17.				
1,4-Diethylbenzene	ND	ug/kg	13.				
4-Ethyltoluene	ND	ug/kg	13.				
1,2,4,5-Tetramethylbenzene	ND	ug/kg	13.				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	98.0	%	70-130				
Toluene-d8	108	%	70-130				
4-Bromofluorobenzene	95.0	%	70-130				
Dibromofluoromethane	95.0	%	70-130				
Semivolatile Organics by EPA 8270C				1	8270C	0911	00:30 0913 16:59 PS
Acenaphthene	ND	ug/kg	440				
1,2,4-Trichlorobenzene	ND	ug/kg	440				
Hexachlorobenzene	ND	ug/kg	440				
Bis(2-chloroethyl)ether	ND	ug/kg	440				
2-Chloronaphthalene	ND	ug/kg	530				
1,2-Dichlorobenzene	ND	ug/kg	440				
1,3-Dichlorobenzene	ND	ug/kg	440				
1,4-Dichlorobenzene	ND	ug/kg	440				
3,3'-Dichlorobenzidine	ND	ug/kg	890				
2,4-Dinitrotoluene	ND	ug/kg	440				
2,6-Dinitrotoluene	ND	ug/kg	440				
Fluoranthene	ND	ug/kg	440				
4-Chlorophenyl phenyl ether	ND	ug/kg	440				
4-Bromophenyl phenyl ether	ND	ug/kg	440				
Bis(2-chloroisopropyl)ether	ND	ug/kg	440				
Bis(2-chloroethoxy)methane	ND	ug/kg	440				
Hexachlorobutadiene	ND	ug/kg	890				
Hexachlorocyclopentadiene	ND	ug/kg	890				
Hexachloroethane	ND	ug/kg	440				
Isophorone	ND	ug/kg	440				
Naphthalene	ND	ug/kg	440				
Nitrobenzene	ND	ug/kg	440				
NitrosoDiPhenylAmine(NDPA)/DPA	ND	ug/kg	1300				
n-Nitrosodi-n-propylamine	ND	ug/kg	440				
Bis(2-Ethylhexyl)phthalate	ND	ug/kg	890				
Butyl benzyl phthalate	ND	ug/kg	440				
Di-n-butylphthalate	ND	ug/kg	440				
Di-n-octylphthalate	ND	ug/kg	440				
Diethyl phthalate	ND	ug/kg	440				
Dimethyl phthalate	ND	ug/kg	440				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-28
PWG-DW-2008-24 (6-6.5')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C cont'd				1	8270C	0911 00:30	0913 16:59 PS
Benzo(a)anthracene	ND	ug/kg	440				
Benzo(a)pyrene	ND	ug/kg	440				
Benzo(b)fluoranthene	ND	ug/kg	440				
Benzo(k)fluoranthene	ND	ug/kg	440				
Chrysene	ND	ug/kg	440				
Acenaphthylene	ND	ug/kg	440				
Anthracene	ND	ug/kg	440				
Benzo(ghi)perylene	ND	ug/kg	440				
Fluorene	ND	ug/kg	440				
Phenanthrene	ND	ug/kg	440				
Dibenzo(a,h)anthracene	ND	ug/kg	440				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	440				
Pyrene	ND	ug/kg	440				
Biphenyl	ND	ug/kg	440				
4-Chloroaniline	ND	ug/kg	440				
2-Nitroaniline	ND	ug/kg	440				
3-Nitroaniline	ND	ug/kg	440				
4-Nitroaniline	ND	ug/kg	620				
Dibenzofuran	ND	ug/kg	440				
2-Methylnaphthalene	ND	ug/kg	440				
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	1800				
Acetophenone	ND	ug/kg	1800				
2,4,6-Trichlorophenol	ND	ug/kg	440				
p-Chloro-M-Cresol	ND	ug/kg	440				
2-Chlorophenol	ND	ug/kg	530				
2,4-Dichlorophenol	ND	ug/kg	890				
2,4-Dimethylphenol	ND	ug/kg	440				
2-Nitrophenol	ND	ug/kg	1800				
4-Nitrophenol	ND	ug/kg	890				
2,4-Dinitrophenol	ND	ug/kg	1800				
4,6-Dinitro-o-cresol	ND	ug/kg	1800				
Pentachlorophenol	ND	ug/kg	1800				
Phenol	ND	ug/kg	620				
2-Methylphenol	ND	ug/kg	530				
3-Methylphenol/4-Methylphenol	ND	ug/kg	530				
2,4,5-Trichlorophenol	ND	ug/kg	440				
Benzoic Acid	ND	ug/kg	4400				
Benzyl Alcohol	ND	ug/kg	890				
Carbazole	ND	ug/kg	440				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	68.0	%	25-120				
Phenol-d6	67.0	%	10-120				
Nitrobenzene-d5	56.0	%	23-120				
2-Fluorobiphenyl	60.0	%	30-120				
2,4,6-Tribromophenol	77.0	%	19-120				
4-Terphenyl-d14	59.0	%	18-120				
Semivolatile Organics by EPA 8270C-SIM				1	8270C	0911 00:30	0914 04:31 AK

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-28
PWG-DW-2008-24 (6-6.5')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C-SIM cont'd				1	8270C	0911 00:30	0914 04:31 AK
Acenaphthene	ND	ug/kg	89.				
2-Chloronaphthalene	ND	ug/kg	89.				
Fluoranthene	170	ug/kg	89				
Hexachlorobutadiene	ND	ug/kg	220				
Naphthalene	ND	ug/kg	89.				
Benzo(a)anthracene	ND	ug/kg	89.				
Benzo(a)pyrene	ND	ug/kg	89.				
Benzo(b)fluoranthene	ND	ug/kg	89.				
Benzo(k)fluoranthene	ND	ug/kg	89.				
Chrysene	ND	ug/kg	89.				
Acenaphthylene	ND	ug/kg	89.				
Anthracene	ND	ug/kg	89.				
Benzo(ghi)perylene	ND	ug/kg	89.				
Fluorene	ND	ug/kg	89.				
Phenanthrene	ND	ug/kg	89.				
Dibenzo(a,h)anthracene	ND	ug/kg	89.				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	89.				
Pyrene	210	ug/kg	89				
2-Methylnaphthalene	ND	ug/kg	89.				
Pentachlorophenol	ND	ug/kg	360				
Hexachlorobenzene	ND	ug/kg	360				
Hexachloroethane	ND	ug/kg	360				
Surrogate(s)	Recovery						QC Criteria
2-Fluorophenol	57.0	%					25-120
Phenol-d6	60.0	%					10-120
Nitrobenzene-d5	49.0	%					23-120
2-Fluorobiphenyl	54.0	%					30-120
2,4,6-Tribromophenol	53.0	%					19-120
4-Terphenyl-d14	49.0	%					18-120
Petroleum Hydrocarbon Quantitation by GC-FID				1	8015B(M)	0911 01:00	0912 11:29 JL
TPH	934000	ug/kg	222000				
Surrogate(s)	Recovery						QC Criteria
o-Terphenyl	73.0	%					40-140

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-29
PWG-DW-2008-25 (5.75-6.25')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0912 19:21 PD	
1,2-Dichloroethane	ND	ug/kg	3.1				
1,1,1-Trichloroethane	ND	ug/kg	3.1				
Bromodichloromethane	ND	ug/kg	3.1				
trans-1,3-Dichloropropene	ND	ug/kg	3.1				
cis-1,3-Dichloropropene	ND	ug/kg	3.1				
1,1-Dichloropropene	ND	ug/kg	16.				
Bromoform	ND	ug/kg	12.				
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.1				
Benzene	ND	ug/kg	3.1				
Toluene	ND	ug/kg	4.7				
Ethylbenzene	ND	ug/kg	3.1				
Chloromethane	ND	ug/kg	16.				
Bromomethane	ND	ug/kg	6.2				
Vinyl chloride	ND	ug/kg	6.2				
Chloroethane	ND	ug/kg	6.2				
1,1-Dichloroethene	ND	ug/kg	3.1				
trans-1,2-Dichloroethene	ND	ug/kg	4.7				
Trichloroethene	ND	ug/kg	3.1				
1,2-Dichlorobenzene	ND	ug/kg	16.				
1,3-Dichlorobenzene	ND	ug/kg	16.				
1,4-Dichlorobenzene	ND	ug/kg	16.				
Methyl tert butyl ether	ND	ug/kg	6.2				
p/m-Xylene	ND	ug/kg	6.2				
o-Xylene	ND	ug/kg	6.2				
cis-1,2-Dichloroethene	ND	ug/kg	3.1				
Dibromomethane	ND	ug/kg	31.				
Styrene	ND	ug/kg	6.2				
Dichlorodifluoromethane	ND	ug/kg	31.				
Acetone	ND	ug/kg	31.				
Carbon disulfide	ND	ug/kg	31.				
2-Butanone	ND	ug/kg	31.				
Vinyl acetate	ND	ug/kg	31.				
4-Methyl-2-pentanone	ND	ug/kg	31.				
1,2,3-Trichloropropane	ND	ug/kg	31.				
2-Hexanone	ND	ug/kg	31.				
Bromochloromethane	ND	ug/kg	16.				
2,2-Dichloropropane	ND	ug/kg	16.				
1,2-Dibromoethane	ND	ug/kg	12.				
1,3-Dichloropropane	ND	ug/kg	16.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.1				
Bromobenzene	ND	ug/kg	16.				
n-Butylbenzene	ND	ug/kg	3.1				
sec-Butylbenzene	ND	ug/kg	3.1				
tert-Butylbenzene	ND	ug/kg	16.				
o-Chlorotoluene	ND	ug/kg	16.				
p-Chlorotoluene	ND	ug/kg	16.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	16.				
Hexachlorobutadiene	ND	ug/kg	16.				
Isopropylbenzene	ND	ug/kg	3.1				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-29
PWG-DW-2008-25 (5.75-6.25')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0912	19:21 PD
p-Isopropyltoluene	ND	ug/kg	3.1				
Naphthalene	ND	ug/kg	16.				
Acrylonitrile	ND	ug/kg	31.				
n-Propylbenzene	ND	ug/kg	3.1				
1,2,3-Trichlorobenzene	ND	ug/kg	16.				
1,2,4-Trichlorobenzene	ND	ug/kg	16.				
1,3,5-Trimethylbenzene	ND	ug/kg	16.				
1,2,4-Trimethylbenzene	ND	ug/kg	16.				
1,4-Diethylbenzene	ND	ug/kg	12.				
4-Ethyltoluene	ND	ug/kg	12.				
1,2,4,5-Tetramethylbenzene	ND	ug/kg	12.				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	96.0	%	70-130				
Toluene-d8	103	%	70-130				
4-Bromofluorobenzene	108	%	70-130				
Dibromofluoromethane	92.0	%	70-130				
Semivolatile Organics by EPA 8270C				1	8270C	0911	00:30 0913 17:23 PS
Acenaphthene	ND	ug/kg	420				
1,2,4-Trichlorobenzene	ND	ug/kg	420				
Hexachlorobenzene	ND	ug/kg	420				
Bis(2-chloroethyl)ether	ND	ug/kg	420				
2-Chloronaphthalene	ND	ug/kg	500				
1,2-Dichlorobenzene	ND	ug/kg	420				
1,3-Dichlorobenzene	ND	ug/kg	420				
1,4-Dichlorobenzene	ND	ug/kg	420				
3,3'-Dichlorobenzidine	ND	ug/kg	830				
2,4-Dinitrotoluene	ND	ug/kg	420				
2,6-Dinitrotoluene	ND	ug/kg	420				
Fluoranthene	ND	ug/kg	420				
4-Chlorophenyl phenyl ether	ND	ug/kg	420				
4-Bromophenyl phenyl ether	ND	ug/kg	420				
Bis(2-chloroisopropyl)ether	ND	ug/kg	420				
Bis(2-chloroethoxy)methane	ND	ug/kg	420				
Hexachlorobutadiene	ND	ug/kg	830				
Hexachlorocyclopentadiene	ND	ug/kg	830				
Hexachloroethane	ND	ug/kg	420				
Isophorone	ND	ug/kg	420				
Naphthalene	ND	ug/kg	420				
Nitrobenzene	ND	ug/kg	420				
NitrosoDiPhenylAmine(NDPA)/DPA	ND	ug/kg	1200				
n-Nitrosodi-n-propylamine	ND	ug/kg	420				
Bis(2-Ethylhexyl)phthalate	ND	ug/kg	830				
Butyl benzyl phthalate	ND	ug/kg	420				
Di-n-butylphthalate	ND	ug/kg	420				
Di-n-octylphthalate	ND	ug/kg	420				
Diethyl phthalate	ND	ug/kg	420				
Dimethyl phthalate	ND	ug/kg	420				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-29
PWG-DW-2008-25 (5.75-6.25')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C cont'd				1	8270C	0911 00:30	0913 17:23 PS
Benzo(a)anthracene	ND	ug/kg	420				
Benzo(a)pyrene	ND	ug/kg	420				
Benzo(b)fluoranthene	ND	ug/kg	420				
Benzo(k)fluoranthene	ND	ug/kg	420				
Chrysene	ND	ug/kg	420				
Acenaphthylene	ND	ug/kg	420				
Anthracene	ND	ug/kg	420				
Benzo(ghi)perylene	ND	ug/kg	420				
Fluorene	ND	ug/kg	420				
Phenanthrene	ND	ug/kg	420				
Dibenzo(a,h)anthracene	ND	ug/kg	420				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	420				
Pyrene	ND	ug/kg	420				
Biphenyl	ND	ug/kg	420				
4-Chloroaniline	ND	ug/kg	420				
2-Nitroaniline	ND	ug/kg	420				
3-Nitroaniline	ND	ug/kg	420				
4-Nitroaniline	ND	ug/kg	580				
Dibenzofuran	ND	ug/kg	420				
2-Methylnaphthalene	ND	ug/kg	420				
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	1700				
Acetophenone	ND	ug/kg	1700				
2,4,6-Trichlorophenol	ND	ug/kg	420				
p-Chloro-M-Cresol	ND	ug/kg	420				
2-Chlorophenol	ND	ug/kg	500				
2,4-Dichlorophenol	ND	ug/kg	830				
2,4-Dimethylphenol	ND	ug/kg	420				
2-Nitrophenol	ND	ug/kg	1700				
4-Nitrophenol	ND	ug/kg	830				
2,4-Dinitrophenol	ND	ug/kg	1700				
4,6-Dinitro-o-cresol	ND	ug/kg	1700				
Pentachlorophenol	ND	ug/kg	1700				
Phenol	ND	ug/kg	580				
2-Methylphenol	ND	ug/kg	500				
3-Methylphenol/4-Methylphenol	ND	ug/kg	500				
2,4,5-Trichlorophenol	ND	ug/kg	420				
Benzoic Acid	ND	ug/kg	4200				
Benzyl Alcohol	ND	ug/kg	830				
Carbazole	ND	ug/kg	420				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	60.0	%	25-120				
Phenol-d6	60.0	%	10-120				
Nitrobenzene-d5	55.0	%	23-120				
2-Fluorobiphenyl	56.0	%	30-120				
2,4,6-Tribromophenol	67.0	%	19-120				
4-Terphenyl-d14	59.0	%	18-120				
Semivolatile Organics by EPA 8270C-SIM				1	8270C	0911 00:30	0914 05:18 AK

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-29
PWG-DW-2008-25 (5.75-6.25')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C-SIM cont'd				1	8270C	0911 00:30	0914 05:18 AK
Acenaphthene	ND	ug/kg	17.				
2-Chloronaphthalene	ND	ug/kg	17.				
Fluoranthene	ND	ug/kg	17.				
Hexachlorobutadiene	ND	ug/kg	42.				
Naphthalene	ND	ug/kg	17.				
Benzo(a)anthracene	ND	ug/kg	17.				
Benzo(a)pyrene	ND	ug/kg	17.				
Benzo(b)fluoranthene	ND	ug/kg	17.				
Benzo(k)fluoranthene	ND	ug/kg	17.				
Chrysene	ND	ug/kg	17.				
Acenaphthylene	ND	ug/kg	17.				
Anthracene	ND	ug/kg	17.				
Benzo(ghi)perylene	ND	ug/kg	17.				
Fluorene	ND	ug/kg	17.				
Phenanthrene	ND	ug/kg	17.				
Dibenzo(a,h)anthracene	ND	ug/kg	17.				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	17.				
Pyrene	ND	ug/kg	17.				
2-Methylnaphthalene	ND	ug/kg	17.				
Pentachlorophenol	ND	ug/kg	67.				
Hexachlorobenzene	ND	ug/kg	67.				
Hexachloroethane	ND	ug/kg	67.				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	60.0	%	25-120				
Phenol-d6	64.0	%	10-120				
Nitrobenzene-d5	60.0	%	23-120				
2-Fluorobiphenyl	54.0	%	30-120				
2,4,6-Tribromophenol	53.0	%	19-120				
4-Terphenyl-d14	66.0	%	18-120				
Petroleum Hydrocarbon Quantitation by GC-FID				1	8015B(M)	0911 01:00	0912 03:12 JL
TPH	ND	ug/kg	41700				
Surrogate(s)	Recovery		QC Criteria				
o-Terphenyl	71.0	%	40-140				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

MA:M-MA086 NH:2003 CT:PH-0574 ME:MA0086 RI:LAO00065 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0813344-30 Date Collected: 08-SEP-2008 16:15
 PWG-DW-2008-26 (4.25-4.75') Date Received : 09-SEP-2008
 Sample Matrix: SOIL Date Reported : 25-SEP-2008
 Condition of Sample: Satisfactory Field Prep: None
 Number & Type of Containers: 3-Amber,1-Vial

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Solids, Total	84	%	0.10	30 2540G	0910	19:00	NM
Total Metals							
Aluminum, Total	1100	mg/kg	5.8	1 6010B	0910	13:30	0911 16:20 AI
Antimony, Total	ND	mg/kg	2.9	1 6010B	0910	13:30	0911 16:20 AI
Arsenic, Total	ND	mg/kg	0.58	1 6010B	0910	13:30	0911 16:20 AI
Barium, Total	7.3	mg/kg	0.58	1 6010B	0910	13:30	0911 16:20 AI
Beryllium, Total	ND	mg/kg	0.29	1 6010B	0910	13:30	0911 16:20 AI
Cadmium, Total	ND	mg/kg	0.58	1 6010B	0910	13:30	0911 16:20 AI
Calcium, Total	6400	mg/kg	5.8	1 6010B	0910	13:30	0911 16:20 AI
Chromium, Total	4.7	mg/kg	0.58	1 6010B	0910	13:30	0911 16:20 AI
Cobalt, Total	1.6	mg/kg	1.2	1 6010B	0910	13:30	0911 16:20 AI
Copper, Total	11	mg/kg	0.58	1 6010B	0910	13:30	0911 16:20 AI
Iron, Total	3600	mg/kg	2.9	1 6010B	0910	13:30	0911 16:20 AI
Lead, Total	14	mg/kg	2.9	1 6010B	0910	13:30	0911 16:20 AI
Magnesium, Total	4000	mg/kg	5.8	1 6010B	0910	13:30	0911 16:20 AI
Manganese, Total	34	mg/kg	0.58	1 6010B	0910	13:30	0911 16:20 AI
Mercury, Total	ND	mg/kg	0.10	1 7471A	0912	20:30	0914 14:05 HG
Nickel, Total	2.3	mg/kg	1.5	1 6010B	0910	13:30	0911 16:20 AI
Potassium, Total	ND	mg/kg	150	1 6010B	0910	13:30	0911 16:20 AI
Selenium, Total	ND	mg/kg	1.2	1 6010B	0910	13:30	0911 16:20 AI
Silver, Total	ND	mg/kg	0.58	1 6010B	0910	13:30	0911 16:20 AI
Sodium, Total	ND	mg/kg	120	1 6010B	0910	13:30	0911 16:20 AI
Thallium, Total	ND	mg/kg	1.2	1 6010B	0910	13:30	0911 16:20 AI
Vanadium, Total	17	mg/kg	0.58	1 6010B	0910	13:30	0911 16:20 AI
Zinc, Total	54	mg/kg	2.9	1 6010B	0910	13:30	0911 16:20 AI
Volatile Organics by EPA 8260B							
Methylene chloride	ND	ug/kg	30.	1 8260B	0912	19:57	PD
1,1-Dichloroethane	ND	ug/kg	4.5				
Chloroform	ND	ug/kg	4.5				
Carbon tetrachloride	ND	ug/kg	3.0				
1,2-Dichloropropane	ND	ug/kg	10.				
Dibromochloromethane	ND	ug/kg	3.0				
1,1,2-Trichloroethane	ND	ug/kg	4.5				
Tetrachloroethene	ND	ug/kg	3.0				
Chlorobenzene	ND	ug/kg	3.0				
Trichlorofluoromethane	ND	ug/kg	15.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-30
PWG-DW-2008-26 (4.25-4.75')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0912 19:57 PD	
1,2-Dichloroethane	ND	ug/kg	3.0				
1,1,1-Trichloroethane	ND	ug/kg	3.0				
Bromodichloromethane	ND	ug/kg	3.0				
trans-1,3-Dichloropropene	ND	ug/kg	3.0				
cis-1,3-Dichloropropene	ND	ug/kg	3.0				
1,1-Dichloropropene	ND	ug/kg	15.				
Bromoform	ND	ug/kg	12.				
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.0				
Benzene	ND	ug/kg	3.0				
Toluene	ND	ug/kg	4.5				
Ethylbenzene	ND	ug/kg	3.0				
Chloromethane	ND	ug/kg	15.				
Bromomethane	ND	ug/kg	6.0				
Vinyl chloride	ND	ug/kg	6.0				
Chloroethane	ND	ug/kg	6.0				
1,1-Dichloroethene	ND	ug/kg	3.0				
trans-1,2-Dichloroethene	ND	ug/kg	4.5				
Trichloroethene	ND	ug/kg	3.0				
1,2-Dichlorobenzene	ND	ug/kg	15.				
1,3-Dichlorobenzene	ND	ug/kg	15.				
1,4-Dichlorobenzene	ND	ug/kg	15.				
Methyl tert butyl ether	ND	ug/kg	6.0				
p/m-Xylene	ND	ug/kg	6.0				
o-Xylene	ND	ug/kg	6.0				
cis-1,2-Dichloroethene	ND	ug/kg	3.0				
Dibromomethane	ND	ug/kg	30.				
Styrene	ND	ug/kg	6.0				
Dichlorodifluoromethane	ND	ug/kg	30.				
Acetone	ND	ug/kg	30.				
Carbon disulfide	ND	ug/kg	30.				
2-Butanone	ND	ug/kg	30.				
Vinyl acetate	ND	ug/kg	30.				
4-Methyl-2-pentanone	ND	ug/kg	30.				
1,2,3-Trichloropropane	ND	ug/kg	30.				
2-Hexanone	ND	ug/kg	30.				
Bromochloromethane	ND	ug/kg	15.				
2,2-Dichloropropane	ND	ug/kg	15.				
1,2-Dibromoethane	ND	ug/kg	12.				
1,3-Dichloropropane	ND	ug/kg	15.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.0				
Bromobenzene	ND	ug/kg	15.				
n-Butylbenzene	ND	ug/kg	3.0				
sec-Butylbenzene	ND	ug/kg	3.0				
tert-Butylbenzene	ND	ug/kg	15.				
o-Chlorotoluene	ND	ug/kg	15.				
p-Chlorotoluene	ND	ug/kg	15.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	15.				
Hexachlorobutadiene	ND	ug/kg	15.				
Isopropylbenzene	ND	ug/kg	3.0				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-30
PWG-DW-2008-26 (4.25-4.75')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by EPA 8260B cont'd				1	8260B	0912	19:57 PD
p-Isopropyltoluene	ND	ug/kg	3.0				
Naphthalene	ND	ug/kg	15.				
Acrylonitrile	ND	ug/kg	30.				
n-Propylbenzene	ND	ug/kg	3.0				
1,2,3-Trichlorobenzene	ND	ug/kg	15.				
1,2,4-Trichlorobenzene	ND	ug/kg	15.				
1,3,5-Trimethylbenzene	ND	ug/kg	15.				
1,2,4-Trimethylbenzene	ND	ug/kg	15.				
1,4-Diethylbenzene	ND	ug/kg	12.				
4-Ethyltoluene	ND	ug/kg	12.				
1,2,4,5-Tetramethylbenzene	ND	ug/kg	12.				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	115	%	70-130				
Toluene-d8	130	%	70-130				
4-Bromofluorobenzene	130	%	70-130				
Dibromofluoromethane	113	%	70-130				
Semivolatile Organics by EPA 8270C				1	8270C	0911	00:30 0913 17:46 PS
Acenaphthene	ND	ug/kg	2000				
1,2,4-Trichlorobenzene	ND	ug/kg	2000				
Hexachlorobenzene	ND	ug/kg	2000				
Bis(2-chloroethyl)ether	ND	ug/kg	2000				
2-Chloronaphthalene	ND	ug/kg	2400				
1,2-Dichlorobenzene	ND	ug/kg	2000				
1,3-Dichlorobenzene	ND	ug/kg	2000				
1,4-Dichlorobenzene	ND	ug/kg	2000				
3,3'-Dichlorobenzidine	ND	ug/kg	4000				
2,4-Dinitrotoluene	ND	ug/kg	2000				
2,6-Dinitrotoluene	ND	ug/kg	2000				
Fluoranthene	ND	ug/kg	2000				
4-Chlorophenyl phenyl ether	ND	ug/kg	2000				
4-Bromophenyl phenyl ether	ND	ug/kg	2000				
Bis(2-chloroisopropyl)ether	ND	ug/kg	2000				
Bis(2-chloroethoxy)methane	ND	ug/kg	2000				
Hexachlorobutadiene	ND	ug/kg	4000				
Hexachlorocyclopentadiene	ND	ug/kg	4000				
Hexachloroethane	ND	ug/kg	2000				
Isophorone	ND	ug/kg	2000				
Naphthalene	ND	ug/kg	2000				
Nitrobenzene	ND	ug/kg	2000				
NitrosoDiPhenylAmine(NDPA)/DPA	ND	ug/kg	6000				
n-Nitrosodi-n-propylamine	ND	ug/kg	2000				
Bis(2-Ethylhexyl)phthalate	ND	ug/kg	4000				
Butyl benzyl phthalate	ND	ug/kg	2000				
Di-n-butylphthalate	ND	ug/kg	2000				
Di-n-octylphthalate	ND	ug/kg	2000				
Diethyl phthalate	ND	ug/kg	2000				
Dimethyl phthalate	ND	ug/kg	2000				

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-30
PWG-DW-2008-26 (4.25-4.75')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C cont'd				1	8270C	0911 00:30	0913 17:46 PS
Benzo(a)anthracene	ND	ug/kg	2000				
Benzo(a)pyrene	ND	ug/kg	2000				
Benzo(b)fluoranthene	ND	ug/kg	2000				
Benzo(k)fluoranthene	ND	ug/kg	2000				
Chrysene	ND	ug/kg	2000				
Acenaphthylene	ND	ug/kg	2000				
Anthracene	ND	ug/kg	2000				
Benzo(ghi)perylene	ND	ug/kg	2000				
Fluorene	ND	ug/kg	2000				
Phenanthrene	ND	ug/kg	2000				
Dibenzo(a,h)anthracene	ND	ug/kg	2000				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	2000				
Pyrene	ND	ug/kg	2000				
Biphenyl	ND	ug/kg	2000				
4-Chloroaniline	ND	ug/kg	2000				
2-Nitroaniline	ND	ug/kg	2000				
3-Nitroaniline	ND	ug/kg	2000				
4-Nitroaniline	ND	ug/kg	2800				
Dibenzofuran	ND	ug/kg	2000				
2-Methylnaphthalene	ND	ug/kg	2000				
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	7900				
Acetophenone	ND	ug/kg	7900				
2,4,6-Trichlorophenol	ND	ug/kg	2000				
p-Chloro-M-Cresol	ND	ug/kg	2000				
2-Chlorophenol	ND	ug/kg	2400				
2,4-Dichlorophenol	ND	ug/kg	4000				
2,4-Dimethylphenol	ND	ug/kg	2000				
2-Nitrophenol	ND	ug/kg	7900				
4-Nitrophenol	ND	ug/kg	4000				
2,4-Dinitrophenol	ND	ug/kg	7900				
4,6-Dinitro-o-cresol	ND	ug/kg	7900				
Pentachlorophenol	ND	ug/kg	7900				
Phenol	ND	ug/kg	2800				
2-Methylphenol	ND	ug/kg	2400				
3-Methylphenol/4-Methylphenol	ND	ug/kg	2400				
2,4,5-Trichlorophenol	ND	ug/kg	2000				
Benzoic Acid	ND	ug/kg	20000				
Benzyl Alcohol	ND	ug/kg	4000				
Carbazole	ND	ug/kg	2000				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	78.0	%	25-120				
Phenol-d6	80.0	%	10-120				
Nitrobenzene-d5	73.0	%	23-120				
2-Fluorobiphenyl	80.0	%	30-120				
2,4,6-Tribromophenol	101	%	19-120				
4-Terphenyl-d14	75.0	%	18-120				
Semivolatile Organics by EPA 8270C-SIM				1	8270C	0911 00:30	0914 06:04 AK

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0813344-30
PWG-DW-2008-26 (4.25-4.75')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Semivolatile Organics by EPA 8270C-SIM cont'd				1	8270C	0911 00:30	0914 06:04 AK
Acenaphthene	ND	ug/kg	790				
2-Chloronaphthalene	ND	ug/kg	790				
Fluoranthene	ND	ug/kg	790				
Hexachlorobutadiene	ND	ug/kg	2000				
Naphthalene	ND	ug/kg	790				
Benzo(a)anthracene	ND	ug/kg	790				
Benzo(a)pyrene	ND	ug/kg	790				
Benzo(b)fluoranthene	ND	ug/kg	790				
Benzo(k)fluoranthene	ND	ug/kg	790				
Chrysene	ND	ug/kg	790				
Acenaphthylene	ND	ug/kg	790				
Anthracene	ND	ug/kg	790				
Benzo(ghi)perylene	ND	ug/kg	790				
Fluorene	ND	ug/kg	790				
Phenanthrene	ND	ug/kg	790				
Dibenzo(a,h)anthracene	ND	ug/kg	790				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	790				
Pyrene	ND	ug/kg	790				
2-Methylnaphthalene	ND	ug/kg	790				
Pentachlorophenol	ND	ug/kg	3200				
Hexachlorobenzene	ND	ug/kg	3200				
Hexachloroethane	ND	ug/kg	3200				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	ND	%	25-120				
Phenol-d6	ND	%	10-120				
Nitrobenzene-d5	ND	%	23-120				
2-Fluorobiphenyl	ND	%	30-120				
2,4,6-Tribromophenol	ND	%	19-120				
4-Terphenyl-d14	ND	%	18-120				
Petroleum Hydrocarbon Quantitation by GC-FID				1	8015B(M)	0911 01:00	0912 03:46 JL
TPH	748000	ug/kg	198000				
Surrogate(s)	Recovery		QC Criteria				
o-Terphenyl	87.0	%	40-140				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL
QUALITY ASSURANCE BATCH DUPLICATE ANALYSIS

Laboratory Job Number: L0813344

Parameter	Value 1	Value 2	Units	RPD	RPD Limits
Solids, Total for sample(s) 13 (L0813279-02, WG336159-1)					
Solids, Total	89	90	%	1	20
Solids, Total for sample(s) 04-10,12,14-25 (L0813344-04, WG335817-1)					
Solids, Total	84	84	%	0	20
Solids, Total for sample(s) 26-30 (L0813350-01, WG335824-1)					
Solids, Total	82	81	%	1	20
Total Metals for sample(s) 26-30 (L0813344-26, WG335803-1)					
Aluminum, Total	2200	1100	mg/kg	67	35
Antimony, Total	ND	ND	mg/kg	NC	35
Arsenic, Total	7.2	0.87	mg/kg	157	35
Barium, Total	6.9	5.2	mg/kg	28	35
Beryllium, Total	0.34	ND	mg/kg	NC	35
Cadmium, Total	ND	ND	mg/kg	NC	35
Calcium, Total	11000	8200	mg/kg	29	35
Chromium, Total	26	3.2	mg/kg	156	35
Cobalt, Total	1.7	ND	mg/kg	NC	35
Copper, Total	6.1	2.4	mg/kg	87	35
Iron, Total	15000	2000	mg/kg	153	35
Lead, Total	12	9.8	mg/kg	20	35
Magnesium, Total	7200	5100	mg/kg	34	35
Manganese, Total	34	23	mg/kg	39	35
Nickel, Total	3.8	1.5	mg/kg	87	35
Potassium, Total	130	ND	mg/kg	NC	35
Selenium, Total	ND	ND	mg/kg	NC	35
Silver, Total	ND	ND	mg/kg	NC	35
Sodium, Total	ND	ND	mg/kg	NC	35
Thallium, Total	ND	ND	mg/kg	NC	35
Vanadium, Total	14	3.5	mg/kg	120	35
Zinc, Total	24	14	mg/kg	53	35
Total Metals for sample(s) 04-10,12,14-25 (L0813344-10, WG335802-1)					
Aluminum, Total	1400	2600	mg/kg	60	35
Antimony, Total	ND	ND	mg/kg	NC	35
Arsenic, Total	0.82	1.2	mg/kg	38	35
Barium, Total	7.8	14	mg/kg	57	35
Beryllium, Total	ND	ND	mg/kg	NC	35
Cadmium, Total	ND	1.1	mg/kg	NC	35
Calcium, Total	13000	4200	mg/kg	102	35
Chromium, Total	9.2	12	mg/kg	26	35
Cobalt, Total	ND	2.6	mg/kg	NC	35
Copper, Total	14	34	mg/kg	83	35
Iron, Total	2400	5300	mg/kg	75	35
Lead, Total	60	130	mg/kg	74	35
Magnesium, Total	8800	2900	mg/kg	101	35
Manganese, Total	26	34	mg/kg	27	35
Nickel, Total	3.7	7.3	mg/kg	65	35

ALPHA ANALYTICAL
 QUALITY ASSURANCE BATCH DUPLICATE ANALYSIS

Laboratory Job Number: L0813344

Continued

Parameter	Value 1	Value 2	Units	RPD	RPD Limits
Total Metals for sample(s) 04-10,12,14-25 (L0813344-10, WG335802-1)					
Potassium, Total	170	220	mg/kg	26	35
Selenium, Total	ND	ND	mg/kg	NC	35
Silver, Total	ND	ND	mg/kg	NC	35
Sodium, Total	ND	ND	mg/kg	NC	35
Thallium, Total	ND	ND	mg/kg	NC	35
Vanadium, Total	9.3	20	mg/kg	73	35
Zinc, Total	110	220	mg/kg	67	35
Total Metals for sample(s) 25-30 (L0813344-25, WG336225-3)					
Mercury, Total	1.1	0.80	mg/kg	32	35
Petroleum Hydrocarbon Quantitation by GC-FID for sample(s) 04-10,12,14-19,21-25 (L0813344-16, W					
TPH	ND	ND	ug/kg	NC	40
Surrogate(s)	Recovery				QC Criteria
o-Terphenyl	59.0	71.0	%		40-140
Petroleum Hydrocarbon Quantitation by GC-FID for sample(s) 13,26-30 (L0813330-01, WG335859-3)					
TPH	ND	ND	ug/kg	NC	40
Surrogate(s)	Recovery				QC Criteria
o-Terphenyl	80.0	80.0	%		40-140

ALPHA ANALYTICAL
 QUALITY ASSURANCE BATCH SPIKE ANALYSES

Laboratory Job Number: L0813344

Parameter	% Recovery	QC Criteria
Total Metals LCS for sample(s) 13 (WG336007-4)		
Aluminum, Total	105	75-125
Antimony, Total	97	75-125
Arsenic, Total	107	75-125
Barium, Total	100	75-125
Beryllium, Total	101	75-125
Cadmium, Total	103	75-125
Calcium, Total	93	75-125
Chromium, Total	93	75-125
Cobalt, Total	101	75-125
Copper, Total	101	75-125
Iron, Total	99	75-125
Lead, Total	99	75-125
Magnesium, Total	93	75-125
Manganese, Total	97	75-125
Nickel, Total	97	75-125
Potassium, Total	101	75-125
Selenium, Total	104	75-125
Silver, Total	98	75-125
Sodium, Total	105	75-125
Thallium, Total	97	75-125
Vanadium, Total	93	75-125
Zinc, Total	97	75-125
Total Metals LCS for sample(s) 26-30 (WG335803-4)		
Aluminum, Total	89	75-125
Antimony, Total	89	75-125
Arsenic, Total	95	75-125
Barium, Total	91	75-125
Beryllium, Total	93	75-125
Cadmium, Total	96	75-125
Calcium, Total	89	75-125
Chromium, Total	93	75-125
Cobalt, Total	93	75-125
Copper, Total	89	75-125
Iron, Total	91	75-125
Lead, Total	96	75-125
Magnesium, Total	87	75-125
Manganese, Total	89	75-125
Nickel, Total	89	75-125
Potassium, Total	81	75-125
Selenium, Total	90	75-125
Silver, Total	95	75-125
Sodium, Total	89	75-125
Thallium, Total	91	75-125
Vanadium, Total	93	75-125
Zinc, Total	89	75-125

ALPHA ANALYTICAL
 QUALITY ASSURANCE BATCH SPIKE ANALYSES

Laboratory Job Number: L0813344

Continued

Parameter	% Recovery	QC Criteria
Total Metals LCS for sample(s) 04-10,12,14-25 (WG335802-5)		
Aluminum, Total	92	75-125
Antimony, Total	93	75-125
Arsenic, Total	100	75-125
Barium, Total	94	75-125
Beryllium, Total	97	75-125
Cadmium, Total	99	75-125
Calcium, Total	93	75-125
Chromium, Total	97	75-125
Cobalt, Total	97	75-125
Copper, Total	97	75-125
Iron, Total	95	75-125
Lead, Total	99	75-125
Magnesium, Total	91	75-125
Manganese, Total	93	75-125
Nickel, Total	93	75-125
Potassium, Total	87	75-125
Selenium, Total	96	75-125
Silver, Total	101	75-125
Sodium, Total	93	75-125
Thallium, Total	94	75-125
Vanadium, Total	97	75-125
Zinc, Total	97	75-125
Total Metals LCS for sample(s) 04-10,12-24 (WG336055-2)		
Mercury, Total	104	80-120
Total Metals LCS for sample(s) 25-30 (WG336225-2)		
Mercury, Total	101	80-120
Petroleum Hydrocarbon Quantitation by GC-FID LCS for sample(s) 04-10,12,14-19,21-25 (WG335858-2)		
TPH	82	40-140
Surrogate(s)		
o-Terphenyl	77	40-140
Petroleum Hydrocarbon Quantitation by GC-FID LCS for sample(s) 13,26-30 (WG335859-2)		
TPH	87	40-140
Surrogate(s)		
o-Terphenyl	84	40-140
Total Metals SPIKE for sample(s) 26-30 (L0813344-26, WG335803-2)		
Aluminum, Total	0	75-125
Antimony, Total	72	75-125
Arsenic, Total	0	75-125
Barium, Total	83	75-125
Beryllium, Total	74	75-125
Cadmium, Total	84	75-125

ALPHA ANALYTICAL
QUALITY ASSURANCE BATCH SPIKE ANALYSES

Laboratory Job Number: L0813344

Continued

Parameter	% Recovery	QC Criteria
Total Metals SPIKE for sample(s) 26-30 (L0813344-26, WG335803-2)		
Calcium, Total	0	75-125
Chromium, Total	0	75-125
Cobalt, Total	80	75-125
Copper, Total	57	75-125
Iron, Total	0	75-125
Lead, Total	77	75-125
Magnesium, Total	0	75-125
Manganese, Total	40	75-125
Nickel, Total	72	75-125
Potassium, Total	124	75-125
Selenium, Total	87	75-125
Silver, Total	90	75-125
Sodium, Total	97	75-125
Thallium, Total	94	75-125
Vanadium, Total	47	75-125
Zinc, Total	43	75-125
Total Metals SPIKE for sample(s) 25-30 (L0813344-25, WG336225-4)		
Mercury, Total	0	70-130

ALPHA ANALYTICAL
QUALITY ASSURANCE BATCH LCS/LCSD ANALYSIS

Laboratory Job Number: L0813344

Parameter	LCS %	LCSD %	RPD	RPD Limit	QC Limits
Volatile Organics by EPA 8260B for sample(s) 24 (WG336400-4, WG336400-5)					
Chlorobenzene	101	97	4	30	60-133
Benzene	95	94	1	30	66-142
Toluene	98	95	3	30	59-139
1,1-Dichloroethene	91	92	1	30	59-172
Trichloroethene	95	93	2	30	62-137
Surrogate(s)					
1,2-Dichloroethane-d4	83	90	8		70-130
Toluene-d8	94	102	8		70-130
4-Bromofluorobenzene	92	102	10		70-130
Dibromofluoromethane	89	97	9		70-130
Volatile Organics by EPA 8260B for sample(s) 04-08,12,14-20 (WG336351-1, WG336351-2)					
Chlorobenzene	98	103	5	30	60-133
Benzene	92	97	5	30	66-142
Toluene	94	99	5	30	59-139
1,1-Dichloroethene	90	96	6	30	59-172
Trichloroethene	94	100	6	30	62-137
Surrogate(s)					
1,2-Dichloroethane-d4	100	111	10		70-130
Toluene-d8	103	112	8		70-130
4-Bromofluorobenzene	102	110	8		70-130
Dibromofluoromethane	102	112	9		70-130
Volatile Organics by EPA 8260B for sample(s) 01-03 (WG336088-1, WG336088-2)					
Chlorobenzene	106	95	11	20	75-130
Benzene	106	96	10	20	76-127
Toluene	106	97	9	20	76-125
1,1-Dichloroethene	104	95	9	20	61-145
Trichloroethene	101	92	9	20	71-120
Surrogate(s)					
1,2-Dichloroethane-d4	101	102	1		70-130
Toluene-d8	100	100	0		70-130
4-Bromofluorobenzene	100	101	1		70-130
Dibromofluoromethane	98	99	1		70-130
Volatile Organics by EPA 8260B for sample(s) 26-30 (WG336400-1, WG336400-2)					
Chlorobenzene	100	103	3	30	60-133
Benzene	95	99	4	30	66-142
Toluene	100	106	6	30	59-139
1,1-Dichloroethene	92	100	8	30	59-172
Trichloroethene	97	102	5	30	62-137
Surrogate(s)					
1,2-Dichloroethane-d4	99	101	2		70-130
Toluene-d8	104	107	3		70-130

ALPHA ANALYTICAL
QUALITY ASSURANCE BATCH LCS/LCSD ANALYSIS

Laboratory Job Number: L0813344

Continued

Parameter	LCS %	LCSD %	RPD	RPD Limit	QC Limits
Volatile Organics by EPA 8260B for sample(s) 26-30 (WG336400-1, WG336400-2)					
4-Bromofluorobenzene	101	104	3		70-130
Dibromofluoromethane	100	104	4		70-130
Volatile Organics by EPA 8260B for sample(s) 09-10,13,17,21-23,25 (WG336351-4, WG336351-5)					
Chlorobenzene	100	103	5	30	60-133
Benzene	95	99	7	30	66-142
Toluene	100	106	12	30	59-139
1,1-Dichloroethene	92	100	11	30	59-172
Trichloroethene	97	102	8	30	62-137
Surrogate(s)					
1,2-Dichloroethane-d4	99	101	2		70-130
Toluene-d8	104	107	3		70-130
4-Bromofluorobenzene	101	104	3		70-130
Dibromofluoromethane	100	104	4		70-130
Semivolatile Organics by EPA 8270C for sample(s) 04 (WG336664-2, WG336664-3)					
Acenaphthene	68	71	4	50	31-137
1,2,4-Trichlorobenzene	62	63	2	50	38-107
2-Chloronaphthalene	62	66	6	50	40-140
1,2-Dichlorobenzene	64	68	6	50	40-140
1,4-Dichlorobenzene	57	63	10	50	28-104
2,4-Dinitrotoluene	84	86	2	50	28-89
2,6-Dinitrotoluene	63	64	2	50	40-140
Fluoranthene	85	83	2	50	40-140
4-Chlorophenyl phenyl ether	71	73	3	50	40-140
n-Nitrosodi-n-propylamine	66	68	3	50	41-126
Butyl benzyl phthalate	90	87	3	50	40-140
Anthracene	78	80	3	50	40-140
Pyrene	81	78	4	50	35-142
P-Chloro-M-Cresol	63	68	8	50	26-103
2-Chlorophenol	63	65	3	50	25-102
2-Nitrophenol	62	68	9	50	30-130
4-Nitrophenol	71	77	8	50	11-114
2,4-Dinitrophenol	36	40	11	50	30-130
Pentachlorophenol	67	62	8	50	17-109
Phenol	61	66	8	50	26-90
Surrogate(s)					
2-Fluorophenol	74	75	1		25-120
Phenol-d6	68	72	6		10-120
Nitrobenzene-d5	62	66	6		23-120
2-Fluorobiphenyl	62	63	2		30-120
2,4,6-Tribromophenol	82	83	1		19-120
4-Terphenyl-d14	68	65	5		18-120

ALPHA ANALYTICAL
QUALITY ASSURANCE BATCH LCS/LCSD ANALYSIS

Laboratory Job Number: L0813344

Continued

Parameter	LCS %	LCSD %	RPD	RPD Limit	QC Limits
Semivolatile Organics by EPA 8270C for sample(s) 13,20,26-30 (WG335861-2, WG335861-3)					
Acenaphthene	77	72	7	50	31-137
1,2,4-Trichlorobenzene	74	71	4	50	38-107
2-Chloronaphthalene	76	72	5	50	40-140
1,2-Dichlorobenzene	77	71	8	50	40-140
1,4-Dichlorobenzene	72	71	1	50	28-104
2,4-Dinitrotoluene	86	90	5	50	28-89
2,6-Dinitrotoluene	71	71	0	50	40-140
Fluoranthene	88	87	1	50	40-140
4-Chlorophenyl phenyl ether	76	73	4	50	40-140
n-Nitrosodi-n-propylamine	79	73	8	50	41-126
Butyl benzyl phthalate	86	88	2	50	40-140
Anthracene	84	83	1	50	40-140
Pyrene	86	84	2	50	35-142
P-Chloro-M-Cresol	78	73	7	50	26-103
2-Chlorophenol	77	73	5	50	25-102
2-Nitrophenol	78	72	8	50	30-130
4-Nitrophenol	79	68	15	50	11-114
2,4-Dinitrophenol	37	38	3	50	30-130
Pentachlorophenol	61	64	5	50	17-109
Phenol	80	72	11	50	26-90
Surrogate(s)					
2-Fluorophenol	86	81	6		25-120
Phenol-d6	84	78	7		10-120
Nitrobenzene-d5	80	73	9		23-120
2-Fluorobiphenyl	72	71	1		30-120
2,4,6-Tribromophenol	89	86	3		19-120
4-Terphenyl-d14	72	71	1		18-120
Semivolatile Organics by EPA 8270C for sample(s) 05-10,12,14-19,21-25 (WG335862-2, WG335862-3)					
Acenaphthene	72	81	12	50	31-137
1,2,4-Trichlorobenzene	68	68	0	50	38-107
2-Chloronaphthalene	78	79	1	50	40-140
1,2-Dichlorobenzene	66	72	9	50	40-140
1,4-Dichlorobenzene	61	69	12	50	28-104
2,4-Dinitrotoluene	90	88	2	50	28-89
2,6-Dinitrotoluene	74	83	11	50	40-140
Fluoranthene	85	92	8	50	40-140
4-Chlorophenyl phenyl ether	77	83	8	50	40-140
n-Nitrosodi-n-propylamine	72	80	11	50	41-126
Butyl benzyl phthalate	91	92	1	50	40-140
Anthracene	79	90	13	50	40-140
Pyrene	82	88	7	50	35-142
P-Chloro-M-Cresol	78	86	10	50	26-103
2-Chlorophenol	66	71	7	50	25-102
2-Nitrophenol	64	68	6	50	30-130
4-Nitrophenol	76	71	7	50	11-114

ALPHA ANALYTICAL
QUALITY ASSURANCE BATCH LCS/LCSD ANALYSIS

Laboratory Job Number: L0813344

Continued

Parameter	LCS %	LCSD %	RPD	RPD Limit	QC Limits
Semivolatiles Organics by EPA 8270C for sample(s) 05-10,12,14-19,21-25 (WG335862-2, WG335862-3)					
2,4-Dinitrophenol	46	49	6	50	30-130
Pentachlorophenol	65	73	12	50	17-109
Phenol	66	72	9	50	26-90
Surrogate(s)					
2-Fluorophenol	76	78	3		25-120
Phenol-d6	74	76	3		10-120
Nitrobenzene-d5	72	72	0		23-120
2-Fluorobiphenyl	72	76	5		30-120
2,4,6-Tribromophenol	79	92	15		19-120
4-Terphenyl-d14	69	71	3		18-120
Semivolatiles Organics by EPA 8270C-SIM for sample(s) 04-08,10,12,14-19,21-22,24-25 (WG335863-2,					
Acenaphthene	88	89	1		31-137
2-Chloronaphthalene	91	91	0		40-140
Fluoranthene	105	99	6		40-140
Anthracene	105	105	0		40-140
Pyrene	106	99	7		35-142
Pentachlorophenol	77	73	5		17-109
Surrogate(s)					
2-Fluorophenol	92	83	10		25-120
Phenol-d6	98	90	9		10-120
Nitrobenzene-d5	85	79	7		23-120
2-Fluorobiphenyl	86	84	2		30-120
2,4,6-Tribromophenol	91	88	3		19-120
4-Terphenyl-d14	91	84	8		18-120
Semivolatiles Organics by EPA 8270C-SIM for sample(s) 09,23 (WG336734-2, WG336734-3)					
Acenaphthene	77	83	8		31-137
2-Chloronaphthalene	80	88	10		40-140
Fluoranthene	103	107	4		40-140
Anthracene	88	96	9		40-140
Pyrene	98	103	5		35-142
Pentachlorophenol	79	48	49		17-109
Surrogate(s)					
2-Fluorophenol	80	86	7		25-120
Phenol-d6	85	90	6		10-120
Nitrobenzene-d5	78	83	6		23-120
2-Fluorobiphenyl	72	76	5		30-120
2,4,6-Tribromophenol	91	90	1		19-120
4-Terphenyl-d14	87	88	1		18-120

ALPHA ANALYTICAL
 QUALITY ASSURANCE BATCH LCS/LCSD ANALYSIS

Laboratory Job Number: L0813344

Continued

Parameter	LCS %	LCSD %	RPD	RPD Limit	QC Limits
Semivolatile Organics by EPA 8270C-SIM for sample(s) 13,20,26-30 (WG335860-2, WG335860-3)					
Acenaphthene	84	80	5		31-137
2-Chloronaphthalene	82	78	5		40-140
Fluoranthene	89	90	1		40-140
Anthracene	94	87	8		40-140
Pyrene	89	88	1		35-142
Pentachlorophenol	62	46	30		17-109
Surrogate(s)					
2-Fluorophenol	88	82	7		25-120
Phenol-d6	91	87	4		10-120
Nitrobenzene-d5	85	80	6		23-120
2-Fluorobiphenyl	77	72	7		30-120
2,4,6-Tribromophenol	82	76	8		19-120
4-Terphenyl-d14	83	78	6		18-120

ALPHA ANALYTICAL
QUALITY ASSURANCE BATCH MS/MSD ANALYSIS

Laboratory Job Number: L0813344

Parameter	MS %	MSD %	RPD	RPD Limit	MS/MSD Limits
Total Metals for sample(s) 13 (L0813344-13, WG336007-2)					
Aluminum, Total	437	308	35	35	75-125
Antimony, Total	64	65	2	35	75-125
Arsenic, Total	106	108	2	35	75-125
Barium, Total	96	94	2	35	75-125
Beryllium, Total	99	99	0	35	75-125
Cadmium, Total	97	94	3	35	75-125
Calcium, Total	0	154	200	35	75-125
Chromium, Total	122	90	30	35	75-125
Cobalt, Total	86	85	1	35	75-125
Copper, Total	111	105	6	35	75-125
Iron, Total	1160	0	200	35	75-125
Lead, Total	137	115	17	35	75-125
Magnesium, Total	0	0	NC	35	75-125
Manganese, Total	32	40	22	35	75-125
Nickel, Total	85	80	6	35	75-125
Potassium, Total	100	99	1	35	75-125
Selenium, Total	102	101	1	35	75-125
Silver, Total	102	108	6	35	75-125
Sodium, Total	112	112	0	35	75-125
Thallium, Total	78	77	1	35	75-125
Vanadium, Total	90	86	5	35	75-125
Zinc, Total	116	123	6	35	75-125
Total Metals for sample(s) 04-10,12,14-25 (L0813344-10, WG335802-3)					
Aluminum, Total	608	693	13	35	75-125
Antimony, Total	58	71	20	35	75-125
Arsenic, Total	83	100	19	35	75-125
Barium, Total	78	94	19	35	75-125
Beryllium, Total	76	89	16	35	75-125
Cadmium, Total	98	115	16	35	75-125
Calcium, Total	0	462	200	35	75-125
Chromium, Total	82	98	18	35	75-125
Cobalt, Total	82	95	15	35	75-125
Copper, Total	140	160	13	35	75-125
Iron, Total	4710	2460	63	35	75-125
Lead, Total	149	181	19	35	75-125
Magnesium, Total	0	0	NC	35	75-125
Manganese, Total	82	114	33	35	75-125
Nickel, Total	77	90	16	35	75-125
Potassium, Total	85	119	33	35	75-125
Selenium, Total	76	90	17	35	75-125
Silver, Total	81	98	19	35	75-125
Sodium, Total	90	112	22	35	75-125
Thallium, Total	73	85	15	35	75-125
Vanadium, Total	93	113	19	35	75-125
Zinc, Total	182	246	30	35	75-125

ALPHA ANALYTICAL
QUALITY ASSURANCE BATCH MS/MSD ANALYSIS

Laboratory Job Number: L0813344

Continued

Parameter	MS %	MSD %	RPD	RPD Limit	MS/MSD Limits
Total Metals for sample(s) 04-10,12-24 (L0813344-10, WG336055-4)					
Mercury, Total	164	160	2	35	70-130
Volatile Organics by EPA 8260B for sample(s) 04-10,12-23,25 (L0813344-10, WG336351-8)					
Chlorobenzene	53	58	9	30	60-133
Benzene	73	77	5	30	66-142
Toluene	68	67	1	30	59-139
1,1-Dichloroethene	76	77	1	30	59-172
Trichloroethene	64	67	5	30	62-137
Surrogate(s)					
1,2-Dichloroethane-d4	97	93	4		70-130
Toluene-d8	104	102	2		70-130
4-Bromofluorobenzene	113	105	7		70-130
Dibromofluoromethane	98	97	1		70-130
Semivolatile Organics by EPA 8270C for sample(s) 05-10,12,14-19,21-25 (L0813344-10, WG335862-5)					
Acenaphthene	96	96	0	50	31-137
1,2,4-Trichlorobenzene	82	82	0	50	38-107
2-Chloronaphthalene	77	82	6	50	40-140
1,2-Dichlorobenzene	71	88	21	50	40-140
1,4-Dichlorobenzene	66	79	18	50	28-104
2,4-Dinitrotoluene	77	90	16	50	28-89
2,6-Dinitrotoluene	68	66	3	50	40-140
Fluoranthene	100	120	18	50	40-140
4-Chlorophenyl phenyl ether	88	93	6	50	40-140
n-Nitrosodi-n-propylamine	79	96	19	50	41-126
Butyl benzyl phthalate	110	130	17	50	40-140
Anthracene	93	100	7	50	40-140
Pyrene	96	110	14	50	35-142
P-Chloro-M-Cresol	77	85	10	50	26-103
2-Chlorophenol	74	88	17	50	25-102
2-Nitrophenol	71	93	27	50	30-130
4-Nitrophenol	66	79	18	50	11-114
2,4-Dinitrophenol	150	150	0	50	30-130
Pentachlorophenol	150	150	0	50	17-109
Phenol	79	85	7	50	26-90
Surrogate(s)					
2-Fluorophenol	81	89	9		25-120
Phenol-d6	86	88	2		10-120
Nitrobenzene-d5	69	79	14		23-120
2-Fluorobiphenyl	73	75	3		30-120
2,4,6-Tribromophenol	91	95	4		19-120
4-Terphenyl-d14	69	76	10		18-120

ALPHA ANALYTICAL
 QUALITY ASSURANCE BATCH MS/MSD ANALYSIS

Laboratory Job Number: L0813344

Continued

Parameter	MS %	MSD %	RPD	RPD Limit	MS/MSD Limits
Semivolatile Organics by EPA 8270C-SIM for sample(s) 04-08,10,12,14-19,21-22,24-25 (L0813344-10)					
Acenaphthene	33	38	14	50	31-137
2-Chloronaphthalene	36	42	15	50	40-140
Fluoranthene	54	60	11	50	40-140
Anthracene	41	47	14	50	40-140
Pyrene	54	61	12	50	35-142
Pentachlorophenol	32	34	6	50	17-109
Surrogate(s)					
2-Fluorophenol	0	0	NC		25-120
Phenol-d6	0	0	NC		10-120
Nitrobenzene-d5	0	0	NC		23-120
2-Fluorobiphenyl	0	0	NC		30-120
2,4,6-Tribromophenol	0	0	NC		19-120
4-Terphenyl-d14	0	0	NC		18-120
Petroleum Hydrocarbon Quantitation by GC-FID for sample(s) 04-10,12,14-19,21-25 (L0813344-10, W					
TPH	0	188	200	40	40-140
Surrogate(s)					
o-Terphenyl	87	84	4		40-140

ALPHA ANALYTICAL
 QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0813344

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Blank Analysis for sample(s) 04-10,12,14-25 (WG335802-4)							
Total Metals							
Aluminum, Total	ND	mg/kg	5.0	1 6010B	0910 13:30	0911 13:25	AI
Antimony, Total	ND	mg/kg	2.5	1 6010B	0910 13:30	0911 13:25	AI
Arsenic, Total	ND	mg/kg	0.50	1 6010B	0910 13:30	0911 13:25	AI
Barium, Total	ND	mg/kg	0.50	1 6010B	0910 13:30	0911 13:25	AI
Beryllium, Total	ND	mg/kg	0.25	1 6010B	0910 13:30	0911 13:25	AI
Cadmium, Total	ND	mg/kg	0.50	1 6010B	0910 13:30	0911 13:25	AI
Calcium, Total	ND	mg/kg	5.0	1 6010B	0910 13:30	0911 13:25	AI
Chromium, Total	ND	mg/kg	0.50	1 6010B	0910 13:30	0911 13:25	AI
Cobalt, Total	ND	mg/kg	1.0	1 6010B	0910 13:30	0911 13:25	AI
Copper, Total	ND	mg/kg	0.50	1 6010B	0910 13:30	0911 13:25	AI
Iron, Total	ND	mg/kg	2.5	1 6010B	0910 13:30	0911 13:25	AI
Lead, Total	ND	mg/kg	2.5	1 6010B	0910 13:30	0911 13:25	AI
Magnesium, Total	ND	mg/kg	5.0	1 6010B	0910 13:30	0911 13:25	AI
Manganese, Total	ND	mg/kg	0.50	1 6010B	0910 13:30	0911 13:25	AI
Nickel, Total	ND	mg/kg	1.2	1 6010B	0910 13:30	0911 13:25	AI
Potassium, Total	ND	mg/kg	120	1 6010B	0910 13:30	0911 13:25	AI
Selenium, Total	ND	mg/kg	1.0	1 6010B	0910 13:30	0911 13:25	AI
Silver, Total	ND	mg/kg	0.50	1 6010B	0910 13:30	0911 13:25	AI
Sodium, Total	ND	mg/kg	100	1 6010B	0910 13:30	0911 13:25	AI
Thallium, Total	ND	mg/kg	1.0	1 6010B	0910 13:30	0911 13:25	AI
Vanadium, Total	ND	mg/kg	0.50	1 6010B	0910 13:30	0911 13:25	AI
Zinc, Total	ND	mg/kg	2.5	1 6010B	0910 13:30	0911 13:25	AI
Blank Analysis for sample(s) 26-30 (WG335803-3)							
Total Metals							
Aluminum, Total	ND	mg/kg	5.0	1 6010B	0910 13:30	0911 15:33	AI
Antimony, Total	ND	mg/kg	2.5	1 6010B	0910 13:30	0911 15:33	AI
Arsenic, Total	ND	mg/kg	0.50	1 6010B	0910 13:30	0911 15:33	AI
Barium, Total	ND	mg/kg	0.50	1 6010B	0910 13:30	0911 15:33	AI
Beryllium, Total	ND	mg/kg	0.25	1 6010B	0910 13:30	0911 15:33	AI
Cadmium, Total	ND	mg/kg	0.50	1 6010B	0910 13:30	0911 15:33	AI
Calcium, Total	ND	mg/kg	5.0	1 6010B	0910 13:30	0911 15:33	AI
Chromium, Total	ND	mg/kg	0.50	1 6010B	0910 13:30	0911 15:33	AI
Cobalt, Total	ND	mg/kg	1.0	1 6010B	0910 13:30	0911 15:33	AI
Copper, Total	ND	mg/kg	0.50	1 6010B	0910 13:30	0911 15:33	AI
Iron, Total	ND	mg/kg	2.5	1 6010B	0910 13:30	0911 15:33	AI
Lead, Total	ND	mg/kg	2.5	1 6010B	0910 13:30	0911 15:33	AI
Magnesium, Total	ND	mg/kg	5.0	1 6010B	0910 13:30	0911 15:33	AI
Manganese, Total	ND	mg/kg	0.50	1 6010B	0910 13:30	0911 15:33	AI
Nickel, Total	ND	mg/kg	1.2	1 6010B	0910 13:30	0911 15:33	AI
Potassium, Total	ND	mg/kg	120	1 6010B	0910 13:30	0911 15:33	AI
Selenium, Total	ND	mg/kg	1.0	1 6010B	0910 13:30	0911 15:33	AI
Silver, Total	ND	mg/kg	0.50	1 6010B	0910 13:30	0911 15:33	AI
Sodium, Total	ND	mg/kg	100	1 6010B	0910 13:30	0911 15:33	AI

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PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Blank Analysis for sample(s) 26-30 (WG335803-3)							
Total Metals							
Thallium, Total	ND	mg/kg	1.0	1 6010B	0910 13:30	0911 15:33	AI
Vanadium, Total	ND	mg/kg	0.50	1 6010B	0910 13:30	0911 15:33	AI
Zinc, Total	ND	mg/kg	2.5	1 6010B	0910 13:30	0911 15:33	AI
Blank Analysis for sample(s) 13 (WG336007-3)							
Total Metals							
Aluminum, Total	5.1	mg/kg	5.0	1 6010B	0911 13:45	0916 20:44	BM
Antimony, Total	ND	mg/kg	2.5	1 6010B	0911 13:45	0916 20:44	BM
Arsenic, Total	ND	mg/kg	0.50	1 6010B	0911 13:45	0916 20:44	BM
Barium, Total	ND	mg/kg	0.50	1 6010B	0911 13:45	0916 20:44	BM
Beryllium, Total	ND	mg/kg	0.25	1 6010B	0911 13:45	0916 20:44	BM
Cadmium, Total	ND	mg/kg	0.50	1 6010B	0911 13:45	0916 20:44	BM
Calcium, Total	ND	mg/kg	5.0	1 6010B	0911 13:45	0916 20:44	BM
Chromium, Total	ND	mg/kg	0.50	1 6010B	0911 13:45	0916 20:44	BM
Cobalt, Total	ND	mg/kg	1.0	1 6010B	0911 13:45	0916 20:44	BM
Copper, Total	ND	mg/kg	0.50	1 6010B	0911 13:45	0916 20:44	BM
Iron, Total	ND	mg/kg	2.5	1 6010B	0911 13:45	0916 20:44	BM
Lead, Total	ND	mg/kg	2.5	1 6010B	0911 13:45	0916 20:44	BM
Magnesium, Total	ND	mg/kg	5.0	1 6010B	0911 13:45	0916 20:44	BM
Manganese, Total	ND	mg/kg	0.50	1 6010B	0911 13:45	0916 20:44	BM
Nickel, Total	ND	mg/kg	1.2	1 6010B	0911 13:45	0916 20:44	BM
Potassium, Total	ND	mg/kg	120	1 6010B	0911 13:45	0916 20:44	BM
Selenium, Total	ND	mg/kg	1.0	1 6010B	0911 13:45	0916 20:44	BM
Silver, Total	ND	mg/kg	0.50	1 6010B	0911 13:45	0916 20:44	BM
Sodium, Total	ND	mg/kg	100	1 6010B	0911 13:45	0916 20:44	BM
Thallium, Total	ND	mg/kg	1.0	1 6010B	0911 13:45	0916 20:44	BM
Vanadium, Total	ND	mg/kg	0.50	1 6010B	0911 13:45	0916 20:44	BM
Zinc, Total	ND	mg/kg	2.5	1 6010B	0911 13:45	0916 20:44	BM
Blank Analysis for sample(s) 04-10,12-24 (WG336055-1)							
Total Metals							
Mercury, Total	ND	mg/kg	0.08	1 7471A	0911 23:30	0912 14:06	RC
Blank Analysis for sample(s) 25-30 (WG336225-1)							
Total Metals							
Mercury, Total	ND	mg/kg	0.08	1 7471A	0912 20:30	0914 13:49	HG
Blank Analysis for sample(s) 01-03 (WG336088-3)							
Volatile Organics by EPA 8260B				1 8260B	0911 10:00 PD		
Methylene chloride	ND	ug/l	5.0				
1,1-Dichloroethane	ND	ug/l	0.75				
Chloroform	ND	ug/l	0.75				

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QUALITY ASSURANCE BATCH BLANK ANALYSIS

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PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Blank Analysis for sample(s) 01-03 (WG336088-3)							
Volatile Organics by EPA 8260B cont'd				1	8260B	0911	10:00 PD
Carbon tetrachloride	ND	ug/l	0.50				
1,2-Dichloropropane	ND	ug/l	1.8				
Dibromochloromethane	ND	ug/l	0.50				
1,1,2-Trichloroethane	ND	ug/l	0.75				
Tetrachloroethene	ND	ug/l	0.50				
Chlorobenzene	ND	ug/l	0.50				
Trichlorofluoromethane	ND	ug/l	2.5				
1,2-Dichloroethane	ND	ug/l	0.50				
1,1,1-Trichloroethane	ND	ug/l	0.50				
Bromodichloromethane	ND	ug/l	0.50				
trans-1,3-Dichloropropene	ND	ug/l	0.50				
cis-1,3-Dichloropropene	ND	ug/l	0.50				
1,1-Dichloropropene	ND	ug/l	2.5				
Bromoform	ND	ug/l	2.0				
1,1,2,2-Tetrachloroethane	ND	ug/l	0.50				
Benzene	ND	ug/l	0.50				
Toluene	ND	ug/l	0.75				
Ethylbenzene	ND	ug/l	0.50				
Chloromethane	ND	ug/l	2.5				
Bromomethane	ND	ug/l	1.0				
Vinyl chloride	ND	ug/l	1.0				
Chloroethane	ND	ug/l	1.0				
1,1-Dichloroethene	ND	ug/l	0.50				
trans-1,2-Dichloroethene	ND	ug/l	0.75				
Trichloroethene	ND	ug/l	0.50				
1,2-Dichlorobenzene	ND	ug/l	2.5				
1,3-Dichlorobenzene	ND	ug/l	2.5				
1,4-Dichlorobenzene	ND	ug/l	2.5				
Methyl tert butyl ether	ND	ug/l	1.0				
p/m-Xylene	ND	ug/l	1.0				
o-Xylene	ND	ug/l	1.0				
cis-1,2-Dichloroethene	ND	ug/l	0.50				
Dibromomethane	ND	ug/l	5.0				
1,2,3-Trichloropropane	ND	ug/l	5.0				
Acrylonitrile	ND	ug/l	5.0				
Styrene	ND	ug/l	1.0				
Dichlorodifluoromethane	ND	ug/l	5.0				
Acetone	ND	ug/l	5.0				
Carbon disulfide	ND	ug/l	5.0				
2-Butanone	ND	ug/l	5.0				
Vinyl acetate	ND	ug/l	5.0				
4-Methyl-2-pentanone	ND	ug/l	5.0				
2-Hexanone	ND	ug/l	5.0				
Bromochloromethane	ND	ug/l	2.5				
2,2-Dichloropropane	ND	ug/l	2.5				
1,2-Dibromoethane	ND	ug/l	2.0				

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					PREP	ANAL	
Blank Analysis for sample(s) 01-03 (WG336088-3)							
Volatile Organics by EPA 8260B cont'd				1	8260B	0911	10:00 PD
1,3-Dichloropropane	ND	ug/l	2.5				
1,1,1,2-Tetrachloroethane	ND	ug/l	0.50				
Bromobenzene	ND	ug/l	2.5				
n-Butylbenzene	ND	ug/l	0.50				
sec-Butylbenzene	ND	ug/l	0.50				
tert-Butylbenzene	ND	ug/l	2.5				
o-Chlorotoluene	ND	ug/l	2.5				
p-Chlorotoluene	ND	ug/l	2.5				
1,2-Dibromo-3-chloropropane	ND	ug/l	2.5				
Hexachlorobutadiene	ND	ug/l	0.60				
Isopropylbenzene	ND	ug/l	0.50				
p-Isopropyltoluene	ND	ug/l	0.50				
Naphthalene	ND	ug/l	2.5				
n-Propylbenzene	ND	ug/l	0.50				
1,2,3-Trichlorobenzene	ND	ug/l	2.5				
1,2,4-Trichlorobenzene	ND	ug/l	2.5				
1,3,5-Trimethylbenzene	ND	ug/l	2.5				
1,2,4-Trimethylbenzene	ND	ug/l	2.5				
1,4-Diethylbenzene	ND	ug/l	2.0				
4-Ethyltoluene	ND	ug/l	2.0				
1,2,4,5-Tetramethylbenzene	ND	ug/l	2.0				
Surrogate(s)	Recovery		QC Criteria				
1,2-Dichloroethane-d4	102	%	70-130				
Toluene-d8	100	%	70-130				
4-Bromofluorobenzene	105	%	70-130				
Dibromofluoromethane	97.0	%	70-130				
Blank Analysis for sample(s) 04-08,12,14-20 (WG336351-3)							
Volatile Organics by EPA 8260B				1	8260B	0911	16:39 PD
Methylene chloride	ND	ug/kg	25.				
1,1-Dichloroethane	ND	ug/kg	3.8				
Chloroform	ND	ug/kg	3.8				
Carbon tetrachloride	ND	ug/kg	2.5				
1,2-Dichloropropane	ND	ug/kg	8.8				
Dibromochloromethane	ND	ug/kg	2.5				
1,1,2-Trichloroethane	ND	ug/kg	3.8				
Tetrachloroethene	ND	ug/kg	2.5				
Chlorobenzene	ND	ug/kg	2.5				
Trichlorofluoromethane	ND	ug/kg	12.				
1,2-Dichloroethane	ND	ug/kg	2.5				
1,1,1-Trichloroethane	ND	ug/kg	2.5				
Bromodichloromethane	ND	ug/kg	2.5				
trans-1,3-Dichloropropene	ND	ug/kg	2.5				
cis-1,3-Dichloropropene	ND	ug/kg	2.5				
1,1-Dichloropropene	ND	ug/kg	12.				

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					PREP	ANAL	
Blank Analysis for sample(s) 04-08,12,14-20 (WG336351-3)							
Volatile Organics by EPA 8260B cont'd				1	8260B	0911	16:39 PD
Bromoform	ND	ug/kg	10.				
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.5				
Benzene	ND	ug/kg	2.5				
Toluene	ND	ug/kg	3.8				
Ethylbenzene	ND	ug/kg	2.5				
Chloromethane	ND	ug/kg	12.				
Bromomethane	ND	ug/kg	5.0				
Vinyl chloride	ND	ug/kg	5.0				
Chloroethane	ND	ug/kg	5.0				
1,1-Dichloroethene	ND	ug/kg	2.5				
trans-1,2-Dichloroethene	ND	ug/kg	3.8				
Trichloroethene	ND	ug/kg	2.5				
1,2-Dichlorobenzene	ND	ug/kg	12.				
1,3-Dichlorobenzene	ND	ug/kg	12.				
1,4-Dichlorobenzene	ND	ug/kg	12.				
Methyl tert butyl ether	ND	ug/kg	5.0				
p/m-Xylene	ND	ug/kg	5.0				
o-Xylene	ND	ug/kg	5.0				
cis-1,2-Dichloroethene	ND	ug/kg	2.5				
Dibromomethane	ND	ug/kg	25.				
Styrene	ND	ug/kg	5.0				
Dichlorodifluoromethane	ND	ug/kg	25.				
Acetone	ND	ug/kg	25.				
Carbon disulfide	ND	ug/kg	25.				
2-Butanone	ND	ug/kg	25.				
Vinyl acetate	ND	ug/kg	25.				
4-Methyl-2-pentanone	ND	ug/kg	25.				
1,2,3-Trichloropropane	ND	ug/kg	25.				
2-Hexanone	ND	ug/kg	25.				
Bromochloromethane	ND	ug/kg	12.				
2,2-Dichloropropane	ND	ug/kg	12.				
1,2-Dibromoethane	ND	ug/kg	10.				
1,3-Dichloropropane	ND	ug/kg	12.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.5				
Bromobenzene	ND	ug/kg	12.				
n-Butylbenzene	ND	ug/kg	2.5				
sec-Butylbenzene	ND	ug/kg	2.5				
tert-Butylbenzene	ND	ug/kg	12.				
o-Chlorotoluene	ND	ug/kg	12.				
p-Chlorotoluene	ND	ug/kg	12.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	12.				
Hexachlorobutadiene	ND	ug/kg	12.				
Isopropylbenzene	ND	ug/kg	2.5				
p-Isopropyltoluene	ND	ug/kg	2.5				
Naphthalene	ND	ug/kg	12.				
Acrylonitrile	ND	ug/kg	25.				

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					PREP	ANAL	
Blank Analysis for sample(s) 04-08,12,14-20 (WG336351-3)							
Volatile Organics by EPA 8260B cont'd				1	8260B	0911 16:39 PD	
n-Propylbenzene	ND	ug/kg	2.5				
1,2,3-Trichlorobenzene	ND	ug/kg	12.				
1,2,4-Trichlorobenzene	ND	ug/kg	12.				
1,3,5-Trimethylbenzene	ND	ug/kg	12.				
1,2,4-Trimethylbenzene	ND	ug/kg	12.				
1,4-Diethylbenzene	ND	ug/kg	10.				
4-Ethyltoluene	ND	ug/kg	10.				
1,2,4,5-Tetramethylbenzene	ND	ug/kg	10.				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	95.0	%	70-130				
Toluene-d8	105	%	70-130				
4-Bromofluorobenzene	115	%	70-130				
Dibromofluoromethane	99.0	%	70-130				
Blank Analysis for sample(s) 09-10,13,17,21-23,25 (WG336351-6)							
Volatile Organics by EPA 8260B				1	8260B	0912 10:07 PD	
Methylene chloride	ND	ug/kg	25.				
1,1-Dichloroethane	ND	ug/kg	3.8				
Chloroform	ND	ug/kg	3.8				
Carbon tetrachloride	ND	ug/kg	2.5				
1,2-Dichloropropane	ND	ug/kg	8.8				
Dibromochloromethane	ND	ug/kg	2.5				
1,1,2-Trichloroethane	ND	ug/kg	3.8				
Tetrachloroethene	ND	ug/kg	2.5				
Chlorobenzene	ND	ug/kg	2.5				
Trichlorofluoromethane	ND	ug/kg	12.				
1,2-Dichloroethane	ND	ug/kg	2.5				
1,1,1-Trichloroethane	ND	ug/kg	2.5				
Bromodichloromethane	ND	ug/kg	2.5				
trans-1,3-Dichloropropene	ND	ug/kg	2.5				
cis-1,3-Dichloropropene	ND	ug/kg	2.5				
1,1-Dichloropropene	ND	ug/kg	12.				
Bromoform	ND	ug/kg	10.				
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.5				
Benzene	ND	ug/kg	2.5				
Toluene	ND	ug/kg	3.8				
Ethylbenzene	ND	ug/kg	2.5				
Chloromethane	ND	ug/kg	12.				
Bromomethane	ND	ug/kg	5.0				
Vinyl chloride	ND	ug/kg	5.0				
Chloroethane	ND	ug/kg	5.0				
1,1-Dichloroethene	ND	ug/kg	2.5				
trans-1,2-Dichloroethene	ND	ug/kg	3.8				
Trichloroethene	ND	ug/kg	2.5				
1,2-Dichlorobenzene	ND	ug/kg	12.				

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					PREP	ANAL	
Blank Analysis for sample(s) 09-10,13,17,21-23,25 (WG336351-6)							
Volatile Organics by EPA 8260B cont'd				1	8260B	0912 10:07 PD	
1,3-Dichlorobenzene	ND	ug/kg	12.				
1,4-Dichlorobenzene	ND	ug/kg	12.				
Methyl tert butyl ether	ND	ug/kg	5.0				
p/m-Xylene	ND	ug/kg	5.0				
o-Xylene	ND	ug/kg	5.0				
cis-1,2-Dichloroethene	ND	ug/kg	2.5				
Dibromomethane	ND	ug/kg	25.				
Styrene	ND	ug/kg	5.0				
Dichlorodifluoromethane	ND	ug/kg	25.				
Acetone	ND	ug/kg	25.				
Carbon disulfide	ND	ug/kg	25.				
2-Butanone	ND	ug/kg	25.				
Vinyl acetate	ND	ug/kg	25.				
4-Methyl-2-pentanone	ND	ug/kg	25.				
1,2,3-Trichloropropane	ND	ug/kg	25.				
2-Hexanone	ND	ug/kg	25.				
Bromochloromethane	ND	ug/kg	12.				
2,2-Dichloropropane	ND	ug/kg	12.				
1,2-Dibromoethane	ND	ug/kg	10.				
1,3-Dichloropropane	ND	ug/kg	12.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.5				
Bromobenzene	ND	ug/kg	12.				
n-Butylbenzene	ND	ug/kg	2.5				
sec-Butylbenzene	ND	ug/kg	2.5				
tert-Butylbenzene	ND	ug/kg	12.				
o-Chlorotoluene	ND	ug/kg	12.				
p-Chlorotoluene	ND	ug/kg	12.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	12.				
Hexachlorobutadiene	ND	ug/kg	12.				
Isopropylbenzene	ND	ug/kg	2.5				
p-Isopropyltoluene	ND	ug/kg	2.5				
Naphthalene	ND	ug/kg	12.				
Acrylonitrile	ND	ug/kg	25.				
n-Propylbenzene	ND	ug/kg	2.5				
1,2,3-Trichlorobenzene	ND	ug/kg	12.				
1,2,4-Trichlorobenzene	ND	ug/kg	12.				
1,3,5-Trimethylbenzene	ND	ug/kg	12.				
1,2,4-Trimethylbenzene	ND	ug/kg	12.				
1,4-Diethylbenzene	ND	ug/kg	10.				
4-Ethyltoluene	ND	ug/kg	10.				
1,2,4,5-Tetramethylbenzene	ND	ug/kg	10.				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	98.0	%		70-130			
Toluene-d8	103	%		70-130			
4-Bromofluorobenzene	112	%		70-130			

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					PREP	ANAL	
Blank Analysis for sample(s) 09-10,13,17,21-23,25 (WG336351-6)							
Volatile Organics by EPA 8260B cont'd				1	8260B	0912 10:07 PD	
Dibromofluoromethane	97.0	%	70-130				
Blank Analysis for sample(s) 26-30 (WG336400-3)							
Volatile Organics by EPA 8260B				1	8260B	0912 10:07 PD	
Methylene chloride	ND	ug/kg	25.				
1,1-Dichloroethane	ND	ug/kg	3.8				
Chloroform	ND	ug/kg	3.8				
Carbon tetrachloride	ND	ug/kg	2.5				
1,2-Dichloropropane	ND	ug/kg	8.8				
Dibromochloromethane	ND	ug/kg	2.5				
1,1,2-Trichloroethane	ND	ug/kg	3.8				
Tetrachloroethene	ND	ug/kg	2.5				
Chlorobenzene	ND	ug/kg	2.5				
Trichlorofluoromethane	ND	ug/kg	12.				
1,2-Dichloroethane	ND	ug/kg	2.5				
1,1,1-Trichloroethane	ND	ug/kg	2.5				
Bromodichloromethane	ND	ug/kg	2.5				
trans-1,3-Dichloropropene	ND	ug/kg	2.5				
cis-1,3-Dichloropropene	ND	ug/kg	2.5				
1,1-Dichloropropene	ND	ug/kg	12.				
Bromoform	ND	ug/kg	10.				
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.5				
Benzene	ND	ug/kg	2.5				
Toluene	ND	ug/kg	3.8				
Ethylbenzene	ND	ug/kg	2.5				
Chloromethane	ND	ug/kg	12.				
Bromomethane	ND	ug/kg	5.0				
Vinyl chloride	ND	ug/kg	5.0				
Chloroethane	ND	ug/kg	5.0				
1,1-Dichloroethene	ND	ug/kg	2.5				
trans-1,2-Dichloroethene	ND	ug/kg	3.8				
Trichloroethene	ND	ug/kg	2.5				
1,2-Dichlorobenzene	ND	ug/kg	12.				
1,3-Dichlorobenzene	ND	ug/kg	12.				
1,4-Dichlorobenzene	ND	ug/kg	12.				
Methyl tert butyl ether	ND	ug/kg	5.0				
p/m-Xylene	ND	ug/kg	5.0				
o-Xylene	ND	ug/kg	5.0				
cis-1,2-Dichloroethene	ND	ug/kg	2.5				
Dibromomethane	ND	ug/kg	25.				
Styrene	ND	ug/kg	5.0				
Dichlorodifluoromethane	ND	ug/kg	25.				
Acetone	ND	ug/kg	25.				
Carbon disulfide	ND	ug/kg	25.				
2-Butanone	ND	ug/kg	25.				
Vinyl acetate	ND	ug/kg	25.				

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					PREP	ANAL	
Blank Analysis for sample(s) 26-30 (WG336400-3)							
Volatile Organics by EPA 8260B cont'd				1	8260B	0912	10:07 PD
4-Methyl-2-pentanone	ND	ug/kg	25.				
1,2,3-Trichloropropane	ND	ug/kg	25.				
2-Hexanone	ND	ug/kg	25.				
Bromochloromethane	ND	ug/kg	12.				
2,2-Dichloropropane	ND	ug/kg	12.				
1,2-Dibromoethane	ND	ug/kg	10.				
1,3-Dichloropropane	ND	ug/kg	12.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.5				
Bromobenzene	ND	ug/kg	12.				
n-Butylbenzene	ND	ug/kg	2.5				
sec-Butylbenzene	ND	ug/kg	2.5				
tert-Butylbenzene	ND	ug/kg	12.				
o-Chlorotoluene	ND	ug/kg	12.				
p-Chlorotoluene	ND	ug/kg	12.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	12.				
Hexachlorobutadiene	ND	ug/kg	12.				
Isopropylbenzene	ND	ug/kg	2.5				
p-Isopropyltoluene	ND	ug/kg	2.5				
Naphthalene	ND	ug/kg	12.				
Acrylonitrile	ND	ug/kg	25.				
n-Propylbenzene	ND	ug/kg	2.5				
1,2,3-Trichlorobenzene	ND	ug/kg	12.				
1,2,4-Trichlorobenzene	ND	ug/kg	12.				
1,3,5-Trimethylbenzene	ND	ug/kg	12.				
1,2,4-Trimethylbenzene	ND	ug/kg	12.				
1,4-Diethylbenzene	ND	ug/kg	10.				
4-Ethyltoluene	ND	ug/kg	10.				
1,2,4,5-Tetramethylbenzene	ND	ug/kg	10.				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	98.0	%		70-130			
Toluene-d8	103	%		70-130			
4-Bromofluorobenzene	112	%		70-130			
Dibromofluoromethane	97.0	%		70-130			
Blank Analysis for sample(s) 24 (WG336400-6)							
Volatile Organics by EPA 8260B				1	8260B	0915	13:31 PD
Methylene chloride	ND	ug/kg	25.				
1,1-Dichloroethane	ND	ug/kg	3.8				
Chloroform	ND	ug/kg	3.8				
Carbon tetrachloride	ND	ug/kg	2.5				
1,2-Dichloropropane	ND	ug/kg	8.8				
Dibromochloromethane	ND	ug/kg	2.5				
1,1,2-Trichloroethane	ND	ug/kg	3.8				
Tetrachloroethene	ND	ug/kg	2.5				
Chlorobenzene	ND	ug/kg	2.5				

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					PREP	ANAL	
Blank Analysis for sample(s) 24 (WG336400-6)							
Volatile Organics by EPA 8260B cont'd				1 8260B		0915 13:31	PD
Trichlorofluoromethane	ND	ug/kg	12.				
1,2-Dichloroethane	ND	ug/kg	2.5				
1,1,1-Trichloroethane	ND	ug/kg	2.5				
Bromodichloromethane	ND	ug/kg	2.5				
trans-1,3-Dichloropropene	ND	ug/kg	2.5				
cis-1,3-Dichloropropene	ND	ug/kg	2.5				
1,1-Dichloropropene	ND	ug/kg	12.				
Bromoform	ND	ug/kg	10.				
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.5				
Benzene	ND	ug/kg	2.5				
Toluene	ND	ug/kg	3.8				
Ethylbenzene	ND	ug/kg	2.5				
Chloromethane	ND	ug/kg	12.				
Bromomethane	ND	ug/kg	5.0				
Vinyl chloride	ND	ug/kg	5.0				
Chloroethane	ND	ug/kg	5.0				
1,1-Dichloroethene	ND	ug/kg	2.5				
trans-1,2-Dichloroethene	ND	ug/kg	3.8				
Trichloroethene	ND	ug/kg	2.5				
1,2-Dichlorobenzene	ND	ug/kg	12.				
1,3-Dichlorobenzene	ND	ug/kg	12.				
1,4-Dichlorobenzene	ND	ug/kg	12.				
Methyl tert butyl ether	ND	ug/kg	5.0				
p/m-Xylene	ND	ug/kg	5.0				
o-Xylene	ND	ug/kg	5.0				
cis-1,2-Dichloroethene	ND	ug/kg	2.5				
Dibromomethane	ND	ug/kg	25.				
Styrene	ND	ug/kg	5.0				
Dichlorodifluoromethane	ND	ug/kg	25.				
Acetone	ND	ug/kg	25.				
Carbon disulfide	ND	ug/kg	25.				
2-Butanone	ND	ug/kg	25.				
Vinyl acetate	ND	ug/kg	25.				
4-Methyl-2-pentanone	ND	ug/kg	25.				
1,2,3-Trichloropropane	ND	ug/kg	25.				
2-Hexanone	ND	ug/kg	25.				
Bromochloromethane	ND	ug/kg	12.				
2,2-Dichloropropane	ND	ug/kg	12.				
1,2-Dibromoethane	ND	ug/kg	10.				
1,3-Dichloropropane	ND	ug/kg	12.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.5				
Bromobenzene	ND	ug/kg	12.				
n-Butylbenzene	ND	ug/kg	2.5				
sec-Butylbenzene	ND	ug/kg	2.5				
tert-Butylbenzene	ND	ug/kg	12.				
o-Chlorotoluene	ND	ug/kg	12.				

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PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Blank Analysis for sample(s) 24 (WG336400-6)							
Volatile Organics by EPA 8260B cont'd				1	8260B	0915	13:31 PD
p-Chlorotoluene	ND	ug/kg	12.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	12.				
Hexachlorobutadiene	ND	ug/kg	12.				
Isopropylbenzene	ND	ug/kg	2.5				
p-Isopropyltoluene	ND	ug/kg	2.5				
Naphthalene	ND	ug/kg	12.				
Acrylonitrile	ND	ug/kg	25.				
n-Propylbenzene	ND	ug/kg	2.5				
1,2,3-Trichlorobenzene	ND	ug/kg	12.				
1,2,4-Trichlorobenzene	ND	ug/kg	12.				
1,3,5-Trimethylbenzene	ND	ug/kg	12.				
1,2,4-Trimethylbenzene	ND	ug/kg	12.				
1,4-Diethylbenzene	ND	ug/kg	10.				
4-Ethyltoluene	ND	ug/kg	10.				
1,2,4,5-Tetramethylbenzene	ND	ug/kg	10.				
Surrogate(s)	Recovery		QC Criteria				
1,2-Dichloroethane-d4	94.0	%	70-130				
Toluene-d8	109	%	70-130				
4-Bromofluorobenzene	115	%	70-130				
Dibromofluoromethane	98.0	%	70-130				
Blank Analysis for sample(s) 13,20,26-30 (WG335861-1)							
Semivolatile Organics by EPA 8270C				1	8270C	0911	00:30 0911 13:59 PS
Acenaphthene	ND	ug/kg	330				
1,2,4-Trichlorobenzene	ND	ug/kg	330				
Hexachlorobenzene	ND	ug/kg	330				
Bis(2-chloroethyl)ether	ND	ug/kg	330				
2-Chloronaphthalene	ND	ug/kg	400				
1,2-Dichlorobenzene	ND	ug/kg	330				
1,3-Dichlorobenzene	ND	ug/kg	330				
1,4-Dichlorobenzene	ND	ug/kg	330				
3,3'-Dichlorobenzidine	ND	ug/kg	670				
2,4-Dinitrotoluene	ND	ug/kg	330				
2,6-Dinitrotoluene	ND	ug/kg	330				
Fluoranthene	ND	ug/kg	330				
4-Chlorophenyl phenyl ether	ND	ug/kg	330				
4-Bromophenyl phenyl ether	ND	ug/kg	330				
Bis(2-chloroisopropyl)ether	ND	ug/kg	330				
Bis(2-chloroethoxy)methane	ND	ug/kg	330				
Hexachlorobutadiene	ND	ug/kg	670				
Hexachlorocyclopentadiene	ND	ug/kg	670				
Hexachloroethane	ND	ug/kg	330				
Isophorone	ND	ug/kg	330				
Naphthalene	ND	ug/kg	330				
Nitrobenzene	ND	ug/kg	330				

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					PREP	ANAL	
Blank Analysis for sample(s) 13,20,26-30 (WG335861-1)							
Semivolatile Organics by EPA 8270C cont'd				1	8270C	0911 00:30	0911 13:59 PS
NitrosoDiPhenylAmine(NDPA)/DPA	ND	ug/kg	1000				
n-Nitrosodi-n-propylamine	ND	ug/kg	330				
Bis(2-Ethylhexyl)phthalate	ND	ug/kg	670				
Butyl benzyl phthalate	ND	ug/kg	330				
Di-n-butylphthalate	ND	ug/kg	330				
Di-n-octylphthalate	ND	ug/kg	330				
Diethyl phthalate	ND	ug/kg	330				
Dimethyl phthalate	ND	ug/kg	330				
Benzo(a)anthracene	ND	ug/kg	330				
Benzo(a)pyrene	ND	ug/kg	330				
Benzo(b)fluoranthene	ND	ug/kg	330				
Benzo(k)fluoranthene	ND	ug/kg	330				
Chrysene	ND	ug/kg	330				
Acenaphthylene	ND	ug/kg	330				
Anthracene	ND	ug/kg	330				
Benzo(ghi)perylene	ND	ug/kg	330				
Fluorene	ND	ug/kg	330				
Phenanthrene	ND	ug/kg	330				
Dibenzo(a,h)anthracene	ND	ug/kg	330				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	330				
Pyrene	ND	ug/kg	330				
Biphenyl	ND	ug/kg	330				
4-Chloroaniline	ND	ug/kg	330				
2-Nitroaniline	ND	ug/kg	330				
3-Nitroaniline	ND	ug/kg	330				
4-Nitroaniline	ND	ug/kg	470				
Dibenzofuran	ND	ug/kg	330				
2-Methylnaphthalene	ND	ug/kg	330				
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	1300				
Acetophenone	ND	ug/kg	1300				
2,4,6-Trichlorophenol	ND	ug/kg	330				
p-Chloro-m-Cresol	ND	ug/kg	330				
2-Chlorophenol	ND	ug/kg	400				
2,4-Dichlorophenol	ND	ug/kg	670				
2,4-Dimethylphenol	ND	ug/kg	330				
2-Nitrophenol	ND	ug/kg	1300				
4-Nitrophenol	ND	ug/kg	670				
2,4-Dinitrophenol	ND	ug/kg	1300				
4,6-Dinitro-o-cresol	ND	ug/kg	1300				
Pentachlorophenol	ND	ug/kg	1300				
Phenol	ND	ug/kg	470				
2-Methylphenol	ND	ug/kg	400				
3-Methylphenol/4-Methylphenol	ND	ug/kg	400				
2,4,5-Trichlorophenol	ND	ug/kg	330				
Benzoic Acid	ND	ug/kg	3300				
Benzyl Alcohol	ND	ug/kg	670				

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PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Blank Analysis for sample(s) 13,20,26-30 (WG335861-1)							
Semivolatile Organics by EPA 8270C cont'd				1	8270C	0911 00:30	0911 13:59 PS
Carbazole	ND	ug/kg	330				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	78.0	%	25-120				
Phenol-d6	74.0	%	10-120				
Nitrobenzene-d5	69.0	%	23-120				
2-Fluorobiphenyl	70.0	%	30-120				
2,4,6-Tribromophenol	80.0	%	19-120				
4-Terphenyl-d14	66.0	%	18-120				
Blank Analysis for sample(s) 05-10,12,14-19,21-25 (WG335862-1)							
Semivolatile Organics by EPA 8270C				1	8270C	0911 03:30	0912 12:01 PS
Acenaphthene	ND	ug/kg	330				
1,2,4-Trichlorobenzene	ND	ug/kg	330				
Hexachlorobenzene	ND	ug/kg	330				
Bis(2-chloroethyl)ether	ND	ug/kg	330				
2-Chloronaphthalene	ND	ug/kg	400				
1,2-Dichlorobenzene	ND	ug/kg	330				
1,3-Dichlorobenzene	ND	ug/kg	330				
1,4-Dichlorobenzene	ND	ug/kg	330				
3,3'-Dichlorobenzidine	ND	ug/kg	670				
2,4-Dinitrotoluene	ND	ug/kg	330				
2,6-Dinitrotoluene	ND	ug/kg	330				
Fluoranthene	ND	ug/kg	330				
4-Chlorophenyl phenyl ether	ND	ug/kg	330				
4-Bromophenyl phenyl ether	ND	ug/kg	330				
Bis(2-chloroisopropyl)ether	ND	ug/kg	330				
Bis(2-chloroethoxy)methane	ND	ug/kg	330				
Hexachlorobutadiene	ND	ug/kg	670				
Hexachlorocyclopentadiene	ND	ug/kg	670				
Hexachloroethane	ND	ug/kg	330				
Isophorone	ND	ug/kg	330				
Naphthalene	ND	ug/kg	330				
Nitrobenzene	ND	ug/kg	330				
NitrosoDiPhenylAmine(NDPA)/DPA	ND	ug/kg	1000				
n-Nitrosodi-n-propylamine	ND	ug/kg	330				
Bis(2-Ethylhexyl)phthalate	ND	ug/kg	670				
Butyl benzyl phthalate	ND	ug/kg	330				
Di-n-butylphthalate	ND	ug/kg	330				
Di-n-octylphthalate	ND	ug/kg	330				
Diethyl phthalate	ND	ug/kg	330				
Dimethyl phthalate	ND	ug/kg	330				
Benzo(a)anthracene	ND	ug/kg	330				
Benzo(a)pyrene	ND	ug/kg	330				
Benzo(b)fluoranthene	ND	ug/kg	330				
Benzo(k)fluoranthene	ND	ug/kg	330				

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					PREP	ANAL	
Blank Analysis for sample(s) 05-10,12,14-19,21-25 (WG335862-1)							
Semivolatile Organics by EPA 8270C cont'd				1	8270C	0911 03:30	0912 12:01 PS
Chrysene	ND	ug/kg	330				
Acenaphthylene	ND	ug/kg	330				
Anthracene	ND	ug/kg	330				
Benzo(ghi)perylene	ND	ug/kg	330				
Fluorene	ND	ug/kg	330				
Phenanthrene	ND	ug/kg	330				
Dibenzo(a,h)anthracene	ND	ug/kg	330				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	330				
Pyrene	ND	ug/kg	330				
Biphenyl	ND	ug/kg	330				
4-Chloroaniline	ND	ug/kg	330				
2-Nitroaniline	ND	ug/kg	330				
3-Nitroaniline	ND	ug/kg	330				
4-Nitroaniline	ND	ug/kg	470				
Dibenzofuran	ND	ug/kg	330				
2-Methylnaphthalene	ND	ug/kg	330				
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	1300				
Acetophenone	ND	ug/kg	1300				
2,4,6-Trichlorophenol	ND	ug/kg	330				
P-Chloro-M-Cresol	ND	ug/kg	330				
2-Chlorophenol	ND	ug/kg	400				
2,4-Dichlorophenol	ND	ug/kg	670				
2,4-Dimethylphenol	ND	ug/kg	330				
2-Nitrophenol	ND	ug/kg	1300				
4-Nitrophenol	ND	ug/kg	670				
2,4-Dinitrophenol	ND	ug/kg	1300				
4,6-Dinitro-o-cresol	ND	ug/kg	1300				
Pentachlorophenol	ND	ug/kg	1300				
Phenol	ND	ug/kg	470				
2-Methylphenol	ND	ug/kg	400				
3-Methylphenol/4-Methylphenol	ND	ug/kg	400				
2,4,5-Trichlorophenol	ND	ug/kg	330				
Benzoic Acid	ND	ug/kg	3300				
Benzyl Alcohol	ND	ug/kg	670				
Carbazole	ND	ug/kg	330				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	58.0	%	25-120				
Phenol-d6	54.0	%	10-120				
Nitrobenzene-d5	52.0	%	23-120				
2-Fluorobiphenyl	51.0	%	30-120				
2,4,6-Tribromophenol	57.0	%	19-120				
4-Terphenyl-d14	61.0	%	18-120				

Blank Analysis for sample(s) 04 (WG336664-1)

Semivolatile Organics by EPA 8270C				1	8270C	0916 09:50	0916 16:02 PS
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					PREP	ANAL	
Blank Analysis for sample(s) 04 (WG336664-1)							
Semivolatile Organics by EPA 8270C cont'd				1	8270C	0916 09:50	0916 16:02 PS
Acenaphthene	ND	ug/kg	330				
1,2,4-Trichlorobenzene	ND	ug/kg	330				
Hexachlorobenzene	ND	ug/kg	330				
Bis(2-chloroethyl)ether	ND	ug/kg	330				
2-Chloronaphthalene	ND	ug/kg	400				
1,2-Dichlorobenzene	ND	ug/kg	330				
1,3-Dichlorobenzene	ND	ug/kg	330				
1,4-Dichlorobenzene	ND	ug/kg	330				
3,3'-Dichlorobenzidine	ND	ug/kg	670				
2,4-Dinitrotoluene	ND	ug/kg	330				
2,6-Dinitrotoluene	ND	ug/kg	330				
Fluoranthene	ND	ug/kg	330				
4-Chlorophenyl phenyl ether	ND	ug/kg	330				
4-Bromophenyl phenyl ether	ND	ug/kg	330				
Bis(2-chloroisopropyl)ether	ND	ug/kg	330				
Bis(2-chloroethoxy)methane	ND	ug/kg	330				
Hexachlorobutadiene	ND	ug/kg	670				
Hexachlorocyclopentadiene	ND	ug/kg	670				
Hexachloroethane	ND	ug/kg	330				
Isophorone	ND	ug/kg	330				
Naphthalene	ND	ug/kg	330				
Nitrobenzene	ND	ug/kg	330				
NitrosoDiPhenylAmine(NDPA)/DPA	ND	ug/kg	1000				
n-Nitrosodi-n-propylamine	ND	ug/kg	330				
Bis(2-Ethylhexyl)phthalate	ND	ug/kg	670				
Butyl benzyl phthalate	ND	ug/kg	330				
Di-n-butylphthalate	ND	ug/kg	330				
Di-n-octylphthalate	ND	ug/kg	330				
Diethyl phthalate	ND	ug/kg	330				
Dimethyl phthalate	ND	ug/kg	330				
Benzo(a)anthracene	ND	ug/kg	330				
Benzo(a)pyrene	ND	ug/kg	330				
Benzo(b)fluoranthene	ND	ug/kg	330				
Benzo(k)fluoranthene	ND	ug/kg	330				
Chrysene	ND	ug/kg	330				
Acenaphthylene	ND	ug/kg	330				
Anthracene	ND	ug/kg	330				
Benzo(ghi)perylene	ND	ug/kg	330				
Fluorene	ND	ug/kg	330				
Phenanthrene	ND	ug/kg	330				
Dibenzo(a,h)anthracene	ND	ug/kg	330				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	330				
Pyrene	ND	ug/kg	330				
Biphenyl	ND	ug/kg	330				
4-Chloroaniline	ND	ug/kg	330				
2-Nitroaniline	ND	ug/kg	330				

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					PREP	ANAL	
Blank Analysis for sample(s) 04 (WG336664-1)							
Semivolatile Organics by EPA 8270C cont'd				1	8270C	0916 09:50	0916 16:02 PS
3-Nitroaniline	ND	ug/kg	330				
4-Nitroaniline	ND	ug/kg	470				
Dibenzofuran	ND	ug/kg	330				
2-Methylnaphthalene	ND	ug/kg	330				
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	1300				
Acetophenone	ND	ug/kg	1300				
2,4,6-Trichlorophenol	ND	ug/kg	330				
P-Chloro-M-Cresol	ND	ug/kg	330				
2-Chlorophenol	ND	ug/kg	400				
2,4-Dichlorophenol	ND	ug/kg	670				
2,4-Dimethylphenol	ND	ug/kg	330				
2-Nitrophenol	ND	ug/kg	1300				
4-Nitrophenol	ND	ug/kg	670				
2,4-Dinitrophenol	ND	ug/kg	1300				
4,6-Dinitro-o-cresol	ND	ug/kg	1300				
Pentachlorophenol	ND	ug/kg	1300				
Phenol	ND	ug/kg	470				
2-Methylphenol	ND	ug/kg	400				
3-Methylphenol/4-Methylphenol	ND	ug/kg	400				
2,4,5-Trichlorophenol	ND	ug/kg	330				
Benzoic Acid	ND	ug/kg	3300				
Benzyl Alcohol	ND	ug/kg	670				
Carbazole	ND	ug/kg	330				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	79.0	%	25-120				
Phenol-d6	75.0	%	10-120				
Nitrobenzene-d5	68.0	%	23-120				
2-Fluorobiphenyl	66.0	%	30-120				
2,4,6-Tribromophenol	74.0	%	19-120				
4-Terphenyl-d14	74.0	%	18-120				
Blank Analysis for sample(s) 13,20,26-30 (WG335860-1)							
Semivolatile Organics by EPA 8270C-SIM				1	8270C	0911 00:30	0914 00:36 AK
Acenaphthene	ND	ug/kg	13.				
2-Chloronaphthalene	ND	ug/kg	13.				
Fluoranthene	ND	ug/kg	13.				
Hexachlorobutadiene	ND	ug/kg	33.				
Naphthalene	ND	ug/kg	13.				
Benzo(a)anthracene	ND	ug/kg	13.				
Benzo(a)pyrene	ND	ug/kg	13.				
Benzo(b)fluoranthene	ND	ug/kg	13.				
Benzo(k)fluoranthene	ND	ug/kg	13.				
Chrysene	ND	ug/kg	13.				
Acenaphthylene	ND	ug/kg	13.				
Anthracene	ND	ug/kg	13.				

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PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Blank Analysis for sample(s) 13,20,26-30 (WG335860-1)							
Semivolatile Organics by EPA 8270C-SIM cont'd				1	8270C	0911 00:30	0914 00:36 AK
Benzo(ghi)perylene	ND	ug/kg	13.				
Fluorene	ND	ug/kg	13.				
Phenanthrene	ND	ug/kg	13.				
Dibenzo(a,h)anthracene	ND	ug/kg	13.				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	13.				
Pyrene	ND	ug/kg	13.				
2-Methylnaphthalene	ND	ug/kg	13.				
Pentachlorophenol	ND	ug/kg	53.				
Hexachlorobenzene	ND	ug/kg	53.				
Hexachloroethane	ND	ug/kg	53.				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	78.0	%	25-120				
Phenol-d6	82.0	%	10-120				
Nitrobenzene-d5	77.0	%	23-120				
2-Fluorobiphenyl	68.0	%	30-120				
2,4,6-Tribromophenol	67.0	%	19-120				
4-Terphenyl-d14	77.0	%	18-120				
Blank Analysis for sample(s) 04-08,10,12,14-19,21-22,24-25 (WG335863-1)							
Semivolatile Organics by EPA 8270C-SIM				1	8270C	0911 03:30	0912 18:46 AK
Acenaphthene	ND	ug/kg	13.				
2-Chloronaphthalene	ND	ug/kg	13.				
Fluoranthene	ND	ug/kg	13.				
Hexachlorobutadiene	ND	ug/kg	33.				
Naphthalene	ND	ug/kg	13.				
Benzo(a)anthracene	ND	ug/kg	13.				
Benzo(a)pyrene	ND	ug/kg	13.				
Benzo(b)fluoranthene	ND	ug/kg	13.				
Benzo(k)fluoranthene	ND	ug/kg	13.				
Chrysene	ND	ug/kg	13.				
Acenaphthylene	ND	ug/kg	13.				
Anthracene	ND	ug/kg	13.				
Benzo(ghi)perylene	ND	ug/kg	13.				
Fluorene	ND	ug/kg	13.				
Phenanthrene	ND	ug/kg	13.				
Dibenzo(a,h)anthracene	ND	ug/kg	13.				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	13.				
Pyrene	ND	ug/kg	13.				
2-Methylnaphthalene	ND	ug/kg	13.				
Pentachlorophenol	ND	ug/kg	53.				
Hexachlorobenzene	ND	ug/kg	53.				
Hexachloroethane	ND	ug/kg	53.				

**ALPHA ANALYTICAL
QUALITY ASSURANCE BATCH BLANK ANALYSIS**

Laboratory Job Number: L0813344

Continued

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Blank Analysis for sample(s) 04-08,10,12,14-19,21-22,24-25 (WG335863-1)							
Semivolatile Organics by EPA 8270C-SIM cont'd				1	8270C	0911 03:30	0912 18:46 AK
Surrogate(s)	Recovery			QC Criteria			
2-Fluorophenol	68.0	%		25-120			
Phenol-d6	72.0	%		10-120			
Nitrobenzene-d5	65.0	%		23-120			
2-Fluorobiphenyl	62.0	%		30-120			
2,4,6-Tribromophenol	75.0	%		19-120			
4-Terphenyl-d14	86.0	%		18-120			
Blank Analysis for sample(s) 09,23 (WG336734-1)							
Semivolatile Organics by EPA 8270C-SIM				1	8270C	0915 18:00	0916 13:52 AK
Acenaphthene	ND	ug/kg	13.				
2-Chloronaphthalene	ND	ug/kg	13.				
Fluoranthene	ND	ug/kg	13.				
Hexachlorobutadiene	ND	ug/kg	33.				
Naphthalene	ND	ug/kg	13.				
Benzo(a)anthracene	ND	ug/kg	13.				
Benzo(a)pyrene	ND	ug/kg	13.				
Benzo(b)fluoranthene	ND	ug/kg	13.				
Benzo(k)fluoranthene	ND	ug/kg	13.				
Chrysene	ND	ug/kg	13.				
Acenaphthylene	ND	ug/kg	13.				
Anthracene	ND	ug/kg	13.				
Benzo(ghi)perylene	ND	ug/kg	13.				
Fluorene	ND	ug/kg	13.				
Phenanthrene	ND	ug/kg	13.				
Dibenzo(a,h)anthracene	ND	ug/kg	13.				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	13.				
Pyrene	ND	ug/kg	13.				
2-Methylnaphthalene	ND	ug/kg	13.				
Pentachlorophenol	ND	ug/kg	53.				
Hexachlorobenzene	ND	ug/kg	53.				
Hexachloroethane	ND	ug/kg	53.				
Surrogate(s)	Recovery			QC Criteria			
2-Fluorophenol	67.0	%		25-120			
Phenol-d6	70.0	%		10-120			
Nitrobenzene-d5	65.0	%		23-120			
2-Fluorobiphenyl	60.0	%		30-120			
2,4,6-Tribromophenol	66.0	%		19-120			
4-Terphenyl-d14	77.0	%		18-120			
Blank Analysis for sample(s) 04-10,12,14-19,21-25 (WG335858-1)							
Petroleum Hydrocarbon Quantitation by GC-FID				1	8015B(M)	0911 00:15	0912 00:20 RT
TPH	ND	ug/kg	33300				

ALPHA ANALYTICAL
 QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0813344

Continued

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Blank Analysis for sample(s) 04-10,12,14-19,21-25 (WG335858-1)							
Petroleum Hydrocarbon Quantitation by GC-FID cont'd				1 8015B(M)	0911 00:15	0912 00:20	RT
Surrogate(s)	Recovery			QC Criteria			
o-Terphenyl	73.0	%		40-140			
Blank Analysis for sample(s) 13,26-30 (WG335859-1)							
Petroleum Hydrocarbon Quantitation by GC-FID				1 8015B(M)	0911 01:00	0911 12:14	JL
TPH	ND	ug/kg		33300			
Surrogate(s)	Recovery			QC Criteria			
o-Terphenyl	70.0	%		40-140			

**ALPHA ANALYTICAL
ADDENDUM I**

REFERENCES

1. Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IIIA, 1997.

30. Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

GLOSSARY OF TERMS AND SYMBOLS

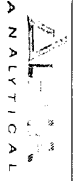
REF	Reference number in which test method may be found.
METHOD	Method number by which analysis was performed.
ID	Initials of the analyst.
ND	Not detected in comparison to the reported detection limit.
NI	Not Ignitable.
ug/cart	Micrograms per Cartridge.
H	The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

LIMITATION OF LIABILITIES

Alpha Analytical, Inc. performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical, Inc., shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical, Inc. be held liable for any incidental consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical, Inc.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding times and splitting of samples in the field.

CHAIN OF CUSTODY



Westborough, MA **Manfield, MA**
 TEL: 508-898-9220 TEL: 508-822-9300
 FAX: 508-898-9193 FAX: 508-822-3288

Client Information

Client: P.W. Grosser
 Address: 630 Johnson Avenue, Suite 7
 Bohemia, NY 11716
 Phone: 631-589-6353
 Fax: 631-589-8705
 Email: _____
 Project Location: 50 Bury Ave. Rockville Centre
 Project # AVR0801
 Project Manager: Kris Almskog
 ALPHA Quote #: _____
 Turn-Around Time

Project Information

Project Name: Aurora Bay

Report Information

Date Rec'd in Lab: 9/9 ALPHA Job #: 20813344
 FAX EMAIL
 ADEX Add'l Deliverables
 Same as Client Info
 Billing Information PO #

Regulatory Requirements/Report Limits

State/Fed Program: _____
 MCP Presumptive Certainity/CT Reasonable Confidence Protocols

Yes No Are MCP Analytical Methods Required?
 Yes No Are CT RCP (Reasonable Confidence Protocols) Required?

ANALYSIS

8260	8260 TCI	8270 TCI	TPH 8015	RCRA Metals 6010/7000	TAL
------	----------	----------	----------	-----------------------	-----

- SAMPLE HANDLING**
- Filtration
 - Dome
 - Not Needed
 - Lab to do
 - Preservation
 - Lab to do (Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials
		Date	Time		

3344	FB090809	9/4/08	1645	L	SLL
2	TB090808-2	9/4/08	1650	↓	↓
3	TB090808-2	8/21/08	1200	↓	RC
4	PWG-DW-2008-01 (7.75-7.75')	9/4/08	0920	5	↓
5	PWG-DW-2008-02 (5.25-5.75')		0935		↓
6	PWG-DW-2008-03 (8.75-9.25')		0945		↓
7	PWG-DW-2008-04 (7.75-7.75')		1000		↓
8	PWG-DW-2008-05 (6.75-7.25')		1010		↓
9	PWG-DW-2008-06 (6.75-7.25')		1025		↓
10	PWG-DW-2008-07 (6.75-7.25')		1035		↓

PLEASE ANSWER QUESTIONS ABOVE!

**IS YOUR PROJECT
 MA MCP or CT RCP?**

Relinquished By: _____

Date/Time: _____

Received By: _____

Date/Time: _____

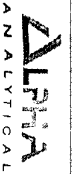
Please print clearly, legibly and completely. Samples cannot be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms.

[Handwritten signatures and dates]
 9/9/08 11:30
 9/9/08 17:58
 9/9/08 17:58

TOTAL # BOTTOMLES

CHAIN OF CUSTODY

PAGE 3 OF 4



Westborough, MA
 TEL: 508-898-9226
 FAX: 508-898-9193

Mansfield, MA
 TEL: 508-822-9300
 FAX: 508-822-3288

Client Information

Client: P. W. Gossler
 Address: 630 Johnson Avenue, Suite 7
 Bohemia, NY 11716
 Phone: 631-589-6363
 Fax: 631-589-8705
 Email: _____

Project Information

Project Name: Aulton Bury
 Project Location: 50 Baker Ave Rockville Center
 Project #: *AW0801*
 Project Manager: *Kris Almskog*
 ALPHA Quote #: _____
 Turn-Around Time: _____
 Standard Rush (ONLY IF PRE-APPROVED)
 Other Project Specific Requirements/Comments/Detection Limits: _____
 Due Date: *9/16* Time: _____

Date Rec'd in Lab: *9/9*

ALPHA Job #: *LA813344*

Report Information

FAX EMAIL
 ADEX Add'l Deliverables

Billing Information

Same as Client info

PO #:

Regulatory Requirements/Report Limits

State/Fed Program

NY DEC Analytical Services (robby ASP)

Criteria

MCP PRESUMPTIVE CERTAINTY-CT REASONABLE CONFIDENCE PROTOCOLS

Yes No No
 Yes No No
 Are MCP Analytical Methods Required?
 Are CT RCP (Reasonable Confidence Protocols) Required?

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Time	Sample Matrix	Sampler's Initials	8260 TCL	8270 8270 TCL	TPH 8015	PCRA Metals 6010/7000 TCL 8260	TCL 8270	TAL metals 6010/7000	Sample Specific Comments
<i>28</i>	<i>PWG-DW-2008-01(7.75-8.25')</i>	<i>9/8/08</i>	<i>1350</i>	<i>S</i>	<i>JLL</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<i>4</i>
<i>21</i>	<i>PWG-DW-2008-16(5.5-6')</i>		<i>1420</i>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>22</i>	<i>PWG-DW-2008-17(5.5-6')</i>		<i>1430</i>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>23</i>	<i>PWG-DW-2008-18(4-4.5')</i>		<i>1440</i>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>24</i>	<i>PWG-DW-2008-19(4.5-5')</i>		<i>1455</i>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>25</i>	<i>PWG-DW-2008-20(4.5-5')</i>		<i>1520</i>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>26</i>	<i>PWG-DW-2008-22(5.25-5.75')</i>		<i>1530</i>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>27</i>	<i>PWG-DW-2008-23(3.5-5')</i>		<i>1540</i>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>28</i>	<i>PWG-DW-2008-24(6-6.5')</i>		<i>1550</i>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

TOTAL # BOTTLES

SAMPLE HANDLING
 Filtration
 Done
 Not Needed
 Lab to do
 Lab to do (Please specify below)

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
<i>[Signature]</i>	<i>9/9/08 11:00</i>	<i>[Signature]</i>	<i>9/9/08 11:00</i>
<i>[Signature]</i>	<i>9/9/08 11:55</i>	<i>[Signature]</i>	<i>9/9/08 11:55</i>
<i>[Signature]</i>	<i>9/9/08 12:50</i>	<i>[Signature]</i>	<i>9/9/08 12:50</i>

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms.

FORM NO. 31-310 (Rev. 03/2007)

9/9 17:50

CHAIN OF CUSTODY

PAGE 4 OF 4

PH-A
 Mansfield, MA
 988-9220
 988-9193

Project Information
 Project Name: Avlon Bay
 Project Location: 8 Backs Ave Waverhill Ca-Ma
 Project #: AVB081
 Project Manager: Kris Alonka
 ALPHA Quote #:
 Turn-Around Time

Date Rec'd in Lab: 9/9
Report Information - Data Deliverables
 FAX EMAIL
 ADEX Add'l Deliverables

ALPHA Job #: 20813344
Billing Information
 Same as Client info PO #:

Information
PLC Case Consulting
630 Johnson Ave Sack 7
Bronx, NY 11716
631-581-6353
631-581-8205

Regulatory Requirements/Report Limits
 State / Fed Program Criteria

MA MCP PRESUMPTIVE CERTAINTY -- CT REASONABLE CONFIDENCE PROTO.

SAMPLE HANDLING
 Filtration _____
 Done
 Not needed
 Lab to do
 Preservation
 Lab to do
 (Please specify below)
 Sample Specific Comments

Project Specific Requirements/Comments/Detection Limits:
 samples have been previously analyzed by Alpha
 Standard RUSH (only confirmed if pre-approved)
 Date Due: 9/16 Time:

ANALYSIS
8200 TCL
8270 ~~P~~ TCL
TAH 3015
Metals 6/16/12
TCL

TABLE
 TOTAL #
 BO
 TT
 LL
 ES

Lab ID (see Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS				SAMPLE HANDLING
		Date	Time			8200	8270	TAH 3015	Metals	
29	PLC-DL-2008-25 (15-75-6-25')	9/8/08	1605	S	SLC	X	X	X	X	
30	PLC-DL-2008-26 (4-25-4-75')	↓	1615	↓	↓	←	←	←	←	

ANSWER QUESTIONS ABOVE!
OUR PROJECT
MCP or CT RCP?

Relinquished By: _____ Date/Time: 9/9/08 11:10

Received By: _____ Date/Time: 9/9/08 11:10

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

[Handwritten signatures and dates]
9/9 1750