APPENDIX A

GENERIC HEALTH AND SAFETY PLAN

FOR THE HIGHLAND PLAZA OFF-SITE AREA

This Health and Safety Plan was developed for use by all personnel involved in the investigation of the Highland Plaza Off-Site Area. This plan provides only general guidance that should be supplemented by the Standby Remedial Contractor's Corporate Health and Safety Plan.

General Health and Safety Guidelines

All work should be conducted in accordance with standard health and safety procedures for hazardous waste site work. All Personnel must have the 40-hour HAZWOPER training certification as required by 29 CFR 1910.120, and maintain this training by taking the annual 8-hour Refresher Course. The Standby Remedial Contractor will provide, as necessary, appropriate personal protective equipment (PPE) suitable for working in and around contaminated liquids, wastes and soils. The Standby Remedial Contractor will supply a photoionization detector (PID) for monitoring organic vapors, when necessary, which will be utilized to determine the necessity to upgrade PPE requirements.

It is anticipated that all field work can be performed in Level D personal protective equipment: steel toe shoes/boots, hard hat and latex gloves. The Standby Remedial Contractor will ensure that sufficient personal protective equipment is available for all personnel prior to entering the exclusion zone. All appropriate PPE will be donned, used and removed as described in the 40-hour training course. Air monitoring will be conducted with a PID. An air-purifying respirator must be worn whenever there are sustained organic vapor concentrations of 5 ppm or above in the breathing zone.

Emergency Telephone Numbers

Following is a list of emergency telephone numbers for use by all personnel involved in the investigation:

Emergency Services	911
Kenmore Mercy Hospital	(716) 447-6100
National Poison Control Center	(800) 222-1222
NYSDEC Region 9: Glenn May	(716) 851-7220
NYSDOH Central Office: Sara Bogardus	(518) 402-7860

Dig Safely New York (800) 962-7962 or 811

Medical Assistance

The primary source of medical assistance during the investigation of the Highland Plaza BCP Off-Site Area is the following:

Kenmore Mercy Hospital
2950 Elmwood Avenue
Kenmore, New York 14217
Phone: (716) 447-6100

This hospital is located approximately 1.3 miles northwest of the Site. All personnel should be familiar with the location of this hospital and know how to get there from the Site. Directions to the hospital are given on the following pages.

Driving Directions to Hospital

1. Start out going west on Highland Parkway toward Colvin Blvd.
2. Continue going straight to Delaware Road. Turn left on Delaware Road and travel for 0.03 miles.
3. Take the 1st right onto Princeton Blvd and travel for 0.28 miles.
4. Turn right onto Delaware Ave (NY-384) and travel for 0.15 miles.
5. Take the 3rd left onto Westchester Blvd, which is just past Legion Dive, and travel for 0.35 miles.
6. Turn right onto Elmwood Avenue and travel for 0.12 miles.
7. Kenmore Mercy Hospital, 2950 Elmwood Avenue, is on the left.

APPENDIX B

NEW YORK STATE DEPARTMENT OF HEALTH

COMMUNITY AIR MONITORING PLAN

Overview

A Community Air Monitoring Plan (CAMP) requires real-time monitoring for volatile organic compounds (VOCs) and particulates (i.e., dust) at the downwind perimeter of each designated work area when certain activities are in progress at contaminated sites. The CAMP is not intended for use in establishing action levels for worker respiratory protection. Rather, its intent is to provide a measure of protection for the downwind community (i.e., off-site receptors including residences and businesses and on-site workers not directly involved with the subject work activities) from potential airborne contaminant releases as a direct result of investigative and remedial work activities. The action levels specified herein require increased monitoring, corrective actions to abate emissions, and/or work shutdown. Additionally, the CAMP helps to confirm that work activities did not spread contamination off-site through the air.

The generic CAMP presented below will be sufficient to cover many, if not most, sites. Specific requirements should be reviewed for each situation in consultation with NYSDOH to ensure proper applicability. In some cases, a separate site-specific CAMP or supplement may be required. Depending upon the nature of contamination, chemical-specific monitoring with appropriately-sensitive methods may be required. Depending upon the proximity of potentially exposed individuals, more stringent monitoring or response levels than those presented below may be required. Special requirements will be necessary for work within 20 feet of potentially exposed individuals or structures and for indoor work with co-located residences or facilities. These requirements should be determined in consultation with NYSDOH.

Reliance on the CAMP should not preclude simple, common-sense measures to keep VOCs, dust, and odors at a minimum around the work areas.

Community Air Monitoring Plan

Depending upon the nature of known or potential contaminants at each site, real-time air monitoring for VOCs and/or particulate levels at the perimeter of the exclusion zone or work area will be necessary. Most sites will involve VOC and particulate monitoring; sites known to be contaminated with heavy metals alone may only require particulate monitoring. If radiological contamination is a concern, additional monitoring requirements may be necessary per consultation with appropriate NYSDEC and NYSDOH staff.

- **Continuous monitoring** will be required for all ground intrusive activities and during the demolition of contaminated or potentially contaminated structures. Ground intrusive activities include, but are not limited to, soil/waste excavation and handling, test pitting or trenching, and the installation of soil borings or monitoring wells;

- **Periodic monitoring** for VOCs will be required during non-intrusive activities such as the collection of soil and sediment samples or the collection of groundwater samples from existing monitoring wells. "Periodic" monitoring during sample collection might reasonably consist of taking a reading upon arrival at a sample location, monitoring while opening a well cap or overturning soil, monitoring during well bailing/purging, and taking a reading prior to leaving a sample location. In some instances, depending upon the proximity of potentially exposed individuals, continuous monitoring may be required during sampling activities. Examples of such situations include groundwater sampling at wells on the curb of a busy urban street, in the midst of a public park, or adjacent to a school or residence.

VOC Monitoring, Response Levels, and Actions

Volatile organic compounds (VOCs) must be monitored at the downwind perimeter of the immediate work area (i.e., the exclusion zone) on a continuous basis or as otherwise specified. Upwind concentrations should be measured at the start of each workday and periodically thereafter to establish background conditions, particularly if wind direction changes. The monitoring work should be performed using equipment appropriate to measure the types of contaminants known or suspected to be present. The equipment should be calibrated at least daily for the contaminant(s) of concern or for an appropriate surrogate. The equipment should be capable of calculating 15-minute running average concentrations, which will be compared to the levels specified below.

- If the ambient air concentration of total organic vapors at the downwind perimeter of the work area or exclusion zone exceeds 5 parts per million (ppm) above background for the 15-minute average, work activities must be temporarily halted and monitoring continued. If the total organic vapor level readily

decreases (per instantaneous readings) below 5 ppm over background, work activities can resume with continued monitoring;

- If total organic vapor levels at the downwind perimeter of the work area or exclusion zone persist at levels in excess of 5 ppm over background but less than 25 ppm, work activities must be halted, the source of vapors identified, corrective actions taken to abate emissions, and monitoring continued. After these steps, work activities can resume provided that the total organic vapor level 200 feet downwind of the exclusion zone or half the distance to the nearest potential receptor or residential/commercial structure, whichever is less - but in no case less than 20 feet, is below 5 ppm over background for the 15-minute average;
- If the organic vapor level is above 25 ppm at the perimeter of the work area, activities must be shutdown; and
- All 15-minute readings must be recorded and available for NYSDEC and NYSDOH review. Instantaneous readings, if any, used for decision purposes should also be recorded.

Particulate Monitoring, Response Levels, and Actions

Particulate concentrations should be monitored continuously at the upwind and downwind perimeters of the exclusion zone at temporary particulate monitoring stations. The particulate monitoring should be performed using real-time monitoring equipment capable of measuring particulate matter less than 10 micrometers in size (PM-10) and capable of integrating over a period of 15 minutes (or less) for comparison to the airborne particulate action level. The equipment must be equipped with an audible alarm to indicate exceedances of the action level. In addition, fugitive dust migration should be visually assessed during all work activities.

- If the downwind PM-10 particulate level is 100 micrograms per cubic meter ($\mu g/m^3$) greater than background (upwind perimeter) for the 15-minute period or if airborne dust is observed leaving the work area, then dust suppression techniques must be employed. Work may continue with dust suppression techniques provided that downwind PM-10 particulate levels do not exceed 150

$\mu g/m^3$ above the upwind level and provided that no visible dust is migrating from the work area;

- If, after implementation of dust suppression techniques, downwind PM-10 particulate levels are greater than 150 $\mu g/m^3$ above the upwind level, work must be stopped and a re-evaluation of activities initiated. Work can resume provided that dust suppression measures and other controls are successful in reducing the downwind PM-10 particulate concentration to within 150 $\mu g/m^3$ of the upwind level and in preventing visible dust migration; and
- All readings must be recorded and available for NYSDEC and NYSDOH review.

Special Requirements for Work within 20 Feet of Potentially Exposed Individuals or Structures

When work areas are within 20 feet of potentially exposed populations or occupied structures, the continuous monitoring locations for VOCs and particulates must reflect the nearest potentially exposed individuals and the location of ventilation system intakes for nearby structures. The use of engineering controls such as vapor/dust barriers, temporary negative-pressure enclosures, or special ventilation devices should be considered to prevent exposures related to the work activities and to control dust and odors. Consideration should be given to implementing the planned activities when potentially exposed populations are at a minimum, such as during weekends or evening hours in non-residential settings.

If total VOC concentrations opposite the walls of occupied structures or next to intake vents exceed 1 ppm, monitoring should occur within the occupied structure(s). Depending upon the nature of contamination. Background readings in the occupied spaces must be taken prior to commencement of the planned work. Any unusual background readings should be discussed with NYSDOH prior to commencement of the work.

If total particulate concentrations opposite the walls of occupied structures or next to intake vents exceed 150 $\mu g/m^3$, work activities should be suspended until controls are implemented and are successful in reducing the total particulate concentration to 150 $\mu g/m^3$ or less at the monitoring point.

Depending upon the nature of contamination and remedial activities, other parameters (e.g., explosivity, oxygen, hydrogen sulfide, carbon monoxide) may also need to be monitored. Response levels and actions should be pre-determined, as necessary, for each site.

APPENDIX C

SOIL BORING LOGS & WELL

CONSTRUCTION DIAGRAMS

2014 LIMITED PHASE II INVESTIGATION AND VAPOR INTRUSION STUDY

EGMS	EGMS 15 Briar Hill Road Orchard Park, NY 14127 Phone: 716-445-2105	**BORING LOG**	Boring No.	SB-1
			Sheet 1 of:	1
			Project No.:	

Project Name:	High Park Plaza						Surface Elev.:	
Location:	Colvin & Highland Parkway, Tonawanda, NY						Datum:	
Client:	Buffalo Business Park						Start Date:	5/13/14
Drilling Firm:	SJB, Inc						Finish Date:	5/13/14
Groundwater	Depth	Date & Time	Drill Rig:	Geoprobe 6620 DT			Inspector:	N. Wohlabaugh
While Drilling:			Casing:	Macrocore	Rock Core:		Undist:	
Before Casing Removal:			Sampler:	Macrocore	Notes:			
After Casing Removal:			Hammer:	Direct Push				

(N -- No. of blows to drive sampler 12" w/140 lb. hammer falling 30" ASTM D-1586, Standard Penetration Test)

Depth (ft)	Sample No.	Symbol	Blows on Sampler per 6"	c - coarse m - medium f - fine **MATERIAL DESCRIPTION** S - Sand, $ - Silt, G - Gravel, C - Clay, cly - clayey a - and - 35-50% s - some - 20-35% l - little - 10-20% t - trace - 0-10%	**COMMENTS** (e.g., N-value, recovery, relative moisture, core run, RQD, % recovered)
1	S-1			**0 - 1 ft Asphalt (0 - 6") and crushed stone (6 - 12")**	
2					
3				**1 - 4 ft Red-brown CLAY, some silt, little sand, trace gravel** ***Moist***	PID = 0.1 ppm
4					
5	S-2				
6				**4 - 8 ft Red-brown CLAY, some silt, little sand, trace gravel** ***Moist to wet***	PID = 0.0 ppm
7					
8					
				End of boring at 8.0 ft	

EGMS	EGMS 15 Briar Hill Road Orchard Park, NY 14127 Phone: 716-445-2105	**BORING LOG**	Boring No.	SB-2
			Sheet 1 of:	1
			Project No.:	

Project Name:	High Park Plaza							Surface Elev.:	
Location:	Colvin & Highland Parkway, Tonawanda, NY							Datum:	
Client:	Buffalo Business Park							Start Date:	5/13/14
Drilling Firm:	SJB, Inc							Finish Date:	5/13/14
Groundwater	Depth	Date & Time	Drill Rig:	Geoprobe 6620 DT				Inspector:	N. Wohlabaugh
While Drilling:			Casing:	Macrocore	Rock Core:		Undist:		
Before Casing Removal:			Sampler:	Macrocore	Notes:				
After Casing Removal:			Hammer:	Direct Push					

(N -- No. of blows to drive sampler 12" w/140 lb. hammer falling 30" ASTM D-1586, Standard Penetration Test)

Depth (ft)	Sample No.	Symbol	Blows on Sampler per 6"	c - coarse m - medium f - fine **MATERIAL DESCRIPTION** S - Sand, $ - Silt, G - Gravel, C - Clay, cly - clayey a - and - 35-50% s - some - 20-35% l - little - 10-20% t - trace - 0-10%	**COMMENTS** (e.g., N-value, recovery, relative moisture, core run, RQD, % recovered)
1	S-1			**0 - 1 ft Asphalt (0 - 6") and crushed stone (6 - 12")**	
2					
3				**1 - 4 ft Red-brown CLAY, some silt, little sand, trace gravel** ***Moist***	PID = 0.1 ppm
4					
5	S-2				
6				**4 - 8 ft Red-brown CLAY, some silt, little sand, trace gravel** ***Moist to wet*** *Soil sample from 4 - 8 feet for lab analysis*	PID = 0.0 ppm
7					
8				*Fitted with temporary 1 inch PVC screen and riser to 8 ft to collect water sample for laboratory analysis*	
				End of boring at 8.0 ft	

EGMS	EGMS 15 Briar Hill Road Orchard Park, NY 14127 Phone: 716-445-2105	**BORING LOG**	Boring No.	SB-3
			Sheet 1 of:	1
			Project No.:	

Project Name:	High Park Plaza							Surface Elev.:	
Location:	Colvin & Highland Parkway, Tonawanda, NY							Datum:	
Client:	Buffalo Business Park							Start Date:	5/13/14
Drilling Firm:	SJB, Inc							Finish Date:	5/13/14
Groundwater	Depth	Date & Time	Drill Rig:	Geoprobe 6620 DT				Inspector:	N. Wohlabaugh
While Drilling:			Casing:	Macrocore	Rock Core:		Undist:		
Before Casing Removal:			Sampler:	Macrocore	Notes:				
After Casing Removal:			Hammer:	Direct Push					

(N -- No. of blows to drive sampler 12" w/140 lb. hammer falling 30" ASTM D-1586, Standard Penetration Test)

Depth (ft)	Sample No.	Symbol	Blows on Sampler per 6"	c - coarse m - medium f - fine **MATERIAL DESCRIPTION** S - Sand, $ - Silt, G - Gravel, C - Clay, cly - clayey a - and - 35-50% s - some - 20-35% l - little - 10-20% t - trace - 0-10%	**COMMENTS** (e.g., N-value, recovery, relative moisture, core run, RQD, % recovered)
1	S-1			**0 - 1 ft Asphalt (0 - 6") and crushed stone (6 - 12")**	
2					
3				**1 - 4 ft Red-brown CLAY, some silt, little sand, trace gravel** ***Moist*** ***Soil sample from 1 - 4 ' for lab analysis***	PID = 0.0 ppm
4					
5	S-2				
6				**4 - 8 ft Red-brown CLAY, some silt, little sand, little gravel** ***Moist to wet***	PID = 0.0 ppm
7					
8					
				End of boring at 8.0 ft	

EGMS	EGMS 15 Briar Hill Road Orchard Park, NY 14127 Phone: 716-445-2105	**BORING LOG**	Boring No.	SB-4
			Sheet 1 of:	1
			Project No.:	

Project Name:	High Park Plaza							Surface Elev.:	
Location:	Colvin & Highland Parkway, Tonawanda, NY							Datum:	
Client:	Buffalo Business Park							Start Date:	5/13/14
Drilling Firm:	SJB, Inc							Finish Date:	5/13/14
Groundwater	Depth	Date & Time	Drill Rig:	Geoprobe 6620 DT				Inspector:	N. Wohlabaugh
While Drilling:			Casing:	Macrocore	Rock Core:		Undist:		
Before Casing Removal:			Sampler:	Macrocore	Notes:				
After Casing Removal:			Hammer:	Direct Push					

(N -- No. of blows to drive sampler 12" w/140 lb. hammer falling 30" ASTM D-1586, Standard Penetration Test)

Depth (ft)	Sample No.	Symbol	Blows on Sampler per 6"	c - coarse m - medium f - fine **MATERIAL DESCRIPTION** S - Sand, $ - Silt, G - Gravel, C - Clay, cly - clayey a - and - 35-50% s - some - 20-35% l - little - 10-20% t - trace - 0-10%	**COMMENTS** (e.g., N-value, recovery, relative moisture, core run, RQD, % recovered)
1	S-1			**0 - 1 ft Asphalt (0 - 6") and crushed stone (6 - 12")**	
2					
3				**1 - 4 ft Red-brown CLAY, some silt, some sand, little gravel** ***Dry***	PID = 0.0 ppm
4					
5	S-2				
6				**4 - 8 ft Red-brown CLAY, some silt, little sand, little gravel** ***Moist***	PID = 0.2 ppm
7					
8					
9	S-3				
10				**8-12 ft Red-brown CLAY, some silt, little sand, little gravel** ***Moist*** ***Soil sample from 8 - 12 ' for lab analysis***	PID = 0.8 ppm
11					
12				***Fitted with temporary 1 inch PVC screen and riser to 12 ft to collect water sample. No water after 4 hours***	
				End of boring at 12.0 ft	

EGMS	EGMS 15 Briar Hill Road Orchard Park, NY 14127 Phone: 716-445-2105	**BORING LOG**	*Boring No.*	**SB-5**
			Sheet 1 of:	1
			Project No.:	

Project Name:	High Park Plaza							*Surface Elev.:*	
Location:	Colvin & Highland Parkway, Tonawanda, NY							*Datum:*	
Client:	Buffalo Business Park							*Start Date:*	5/13/14
Drilling Firm:	SJB, Inc							*Finish Date:*	5/13/14
Groundwater	*Depth*	*Date & Time*	*Drill Rig:*	Geoprobe 6620 DT				*Inspector:*	N. Wohlabaugh
While Drilling:			*Casing:*	Macrocore	*Rock Core:*		*Undist:*		
Before Casing Removal:			*Sampler:*	Macrocore	*Notes:*				
After Casing Removal:			*Hammer:*	Direct Push					

(N -- No. of blows to drive sampler 12" w/140 lb. hammer falling 30" ASTM D-1586, Standard Penetration Test)

Depth (ft)	Sample No.	Symbol	Blows on Sampler per 6"	c - coarse m - medium f - fine **MATERIAL DESCRIPTION** S - Sand, $ - Silt, G - Gravel, C - Clay, cly - clayey a - and - 35-50% s - some - 20-35% l - little - 10-20% t - trace - 0-10%	**COMMENTS** (e.g., N-value, recovery, relative moisture, core run, RQD, % recovered)
1	S-1			**0 - .25 ft** **Concrete**	
				.25-1.0 ft **Crushed stone**	
2				**1-1.5 ft** **Brown CLAY**	
3				**1.5 - 4 ft** **Red-brown CLAY, some silt, little sand, trace gravel**	PID = 4.7 ppm
				Damp ***Soil sample from 1 - 4 ' for lab analysis***	
4					
5	S-2				
6				**4 - 8 ft** **Red-brown CLAY, some silt, little sand, little gravel**	PID = 10.9 ppm
7				***Damp***	
8				***Soil sample from 4 - 8 ' for lab analysis***	
9	S-3				
10				**8-12 ft** **Red-brown CLAY, some silt, little sand, little gravel**	PID = 8.7 ppm
11				***Moist***	
12				***Fitted with temporary 1 inch PVC screen and riser to 12 ft to collect water sample. No water after 3 hours***	
				End of boring at 12.0 ft	

EGMS 15 Briar Hill Road Orchard Park, NY 14127 Phone: 716-445-2105	**BORING LOG**	*Boring No.*	**SB-6**
		Sheet 1 of:	1
		Project No.:	

Project Name:	High Park Plaza	*Surface Elev.:*	
Location:	Colvin & Highland Parkway, Tonawanda, NY	*Datum:*	
Client:	Buffalo Business Park	*Start Date:*	5/13/14
Drilling Firm:	SJB, Inc	*Finish Date:*	5/13/14

Groundwater	*Depth*	*Date & Time*	*Drill Rig:*	Geoprobe 6620 DT			*Inspector:*	N. Wohlabaugh
While Drilling:			*Casing:*	Macrocore	*Rock Core:*		*Undist:*	
Before Casing Removal:			*Sampler:*	Macrocore	*Notes:*			
After Casing Removal:			*Hammer:*	Direct Push				

(N -- No. of blows to drive sampler 12" w/140 lb. hammer falling 30" ASTM D-1586, Standard Penetration Test)

Depth (ft)	Sample No.	Symbol	Blows on Sampler per 6"	c - coarse, m - medium, f - fine **MATERIAL DESCRIPTION** S - Sand, $ - Silt, G - Gravel, C - Clay, cly - clayey a - and - 35-50%, s - some - 20-35%, l - little - 10-20%, t - trace - 0-10%	**COMMENTS** (e.g., N-value, recovery, relative moisture, core run, RQD, % recovered)
1	S-1			**0-0.5 ft Concrete**	
2				**0.5-2 ft Dark Brown stained CLAY**	PID = 0.0 ppm
3				**2 - 4 ft Red-brown CLAY, some silt, little sand, trace gravel** ***Damp*** ***Soil sample from 1 - 4 ' for lab analysis***	PID = 0.0 ppm
4					
5	S-2				
6				**4 - 8 ft Red-brown CLAY, some silt, little sand, little gravel**	PID = 6.7 ppm
7				***Damp***	
8					
				End of boring at 8.0 ft	

BORING LOG

EGMS
15 Briar Hill Road
Orchard Park, NY 14127
Phone: 716-445-2105

Boring No.	SB-7
Sheet 1 of:	1
Project No.:	
Surface Elev.:	
Datum:	
Start Date:	5/13/14
Finish Date:	5/13/14
Inspector:	N. Wohlabaugh

Project Name:	High Park Plaza
Location:	Colvin & Highland Parkway, Tonawanda, NY
Client:	Buffalo Business Park
Drilling Firm:	SJB, Inc

Groundwater	Depth	Date & Time		
While Drilling:			Drill Rig:	Geoprobe 6620 DT
Before Casing Removal:			Casing:	Macrocore
After Casing Removal:			Sampler:	Macrocore
			Hammer:	Direct Push

Rock Core: | Undist: | Notes:

(N -- No. of blows to drive sampler 12" w/140 lb. hammer falling 30" ASTM D-1586, Standard Penetration Test)

c - coarse, m - medium, f - fine; a - and - 35-50%, s - some - 20-35%, l - little - 10-20%, t - trace - 0-10%; S - Sand, $ - Silt, G - Gravel, C - Clay, cly - clayey

Depth (ft)	Sample No.	Symbol	Blows on Sampler per 6"	MATERIAL DESCRIPTION	COMMENTS (e.g., N-value, recovery, relative moisture, core run, RQD, % recovered)
				0 -.5 ft Concrete	
1				.5-.75ft Dark black SAND	PID = 0,8 ppm
				.75-1.5ft *Brown Clay* *Soil sample from .5 - 1.5 ' for lab analysis*	PID = 1.6 ppm
2	S-1				
				1.5 - 4 ft Red-brown CLAY, some silt, little sand, trace gravel	PID = 1.1 ppm
3				*Damp*	
4					
5					
6	S-2			4 - 8 ft Red-brown CLAY, some silt, little sand, little gravel	PID = 0.0 ppm
				Damp	
7					
8					

End of boring at 8.0 ft

EGMS	BORING LOG	Boring No.	SB-8
EGMS 15 Briar Hill Road Orchard Park, NY 14127 Phone: 716-445-2105		Sheet 1 of:	1
		Project No.:	

Project Name:	High Park Plaza							Surface Elev.:	
Location:	Colvin & Highland Parkway, Tonawanda, NY							Datum:	
Client:	Buffalo Business Park							Start Date:	5/13/14
Drilling Firm:	SJB, Inc							Finish Date:	5/13/14
Groundwater	Depth	Date & Time	Drill Rig:	Geoprobe 6620 DT				Inspector:	N. Wohlabaugh
While Drilling:			Casing:	Macrocore	Rock Core:		Undist:		
Before Casing Removal:			Sampler:	Macrocore	Notes:				
After Casing Removal:			Hammer:	Direct Push					

(N -- No. of blows to drive sampler 12" w/140 lb. hammer falling 30" ASTM D-1586, Standard Penetration Test)

Depth (ft)	Sample No.	Symbol	Blows on Sampler per 6"	c - coarse m - medium f - fine **MATERIAL DESCRIPTION** S - Sand, $ - Silt, G - Gravel, C - Clay, cly - clayey a - and - 35-50% s - some - 20-35% l - little - 10-20% t - trace - 0-10%	**COMMENTS** (e.g., N-value, recovery, relative moisture, core run, RQD, % recovered)
				0 -.5 ft Concrete	
1				**.5-2.0 ft Medium gray CLAY**	PID =2.1 ppm
				Soil sample from .5 - 2.0 ' for lab analysis	
2	S-1				
				2 - 4 ft Red-brown CLAY, some silt, little sand, trace gravel	PID = 0.3 ppm
3				*Damp*	
4					
5					
6	S-2			**4 - 8 ft Red-brown CLAY, some silt, little sand, little gravel**	PID = 1.7 ppm
				Damp	
7					
8					
				End of boring at 8.0 ft	

EGMS
15 Briar Hill Road
Orchard Park, NY 14127
Phone: 716-445-2105

BORING LOG

Boring No.	SB-9
Sheet 1 of:	1
Project No.:	
Surface Elev.:	
Datum:	
Start Date:	5/13/14
Finish Date:	5/13/14
Inspector:	N. Wohlabaugh

Project Name:	High Park Plaza
Location:	Colvin & Highland Parkway, Tonawanda, NY
Client:	Buffalo Business Park
Drilling Firm:	SJB, Inc

Groundwater	Depth	Date & Time
While Drilling:		
Before Casing Removal:		
After Casing Removal:		

Drill Rig:	Geoprobe 6620 DT		
Casing:	Macrocore	Rock Core:	Undist:
Sampler:	Macrocore	Notes:	
Hammer:	Direct Push		

(N -- No. of blows to drive sampler 12" w/140 lb. hammer falling 30" ASTM D-1586, Standard Penetration Test)

Depth (ft)	Sample No.	Symbol	Blows on Sampler per 6"	MATERIAL DESCRIPTION (c - coarse, m - medium, f - fine; a - and - 35-50%, s - some - 20-35%, l - little - 10-20%, t - trace - 0-10%; S - Sand, $ - Silt, G - Gravel, C - Clay, cly - clayey)	COMMENTS (e.g., N-value, recovery, relative moisture, core run, RQD, % recovered)
				0 -.5 ft Concrete	
1				.5-2.0 ft Dark brown CLAY	PID =0.0 ppm
				Soil sample from .5 - 2.0 ' for lab analysis	
2	S-1				
				2 - 4 ft Red-brown CLAY, some silt, little sand, trace gravel	PID =0.0 ppm
3				*Damp*	
4					
5					
6	S-2			4 - 8 ft Red-brown CLAY, some silt, little sand, little gravel	PID =0.0 ppm
				Damp	
7					
8					
				End of boring at 8.0 ft	

EGMS	EGMS 15 Briar Hill Road Orchard Park, NY 14127 Phone: 716-445-2105	**BORING LOG**	*Boring No.*	**SB-10**
			Sheet 1 of:	1
			Project No.:	

Project Name:	High Park Plaza							*Surface Elev.:*	
Location:	Colvin & Highland Parkway, Tonawanda, NY							*Datum:*	
Client:	Buffalo Business Park							*Start Date:*	5/13/14
Drilling Firm:	SJB, Inc							*Finish Date:*	5/13/14
Groundwater	*Depth*	*Date & Time*	*Drill Rig:*	Geoprobe 6620 DT				*Inspector:*	N. Wohlabaugh
While Drilling:			*Casing:*	Macrocore	*Rock Core:*		*Undist:*		
Before Casing Removal:			*Sampler:*	Macrocore	*Notes:*				
After Casing Removal:			*Hammer:*	Direct Push					

(N -- No. of blows to drive sampler 12" w/140 lb. hammer falling 30" ASTM D-1586, Standard Penetration Test)

Depth (ft)	Sample No.	Symbol	Blows on Sampler per 6"	c - coarse m - medium f - fine **MATERIAL DESCRIPTION** S - Sand, $ - Silt, G - Gravel, C - Clay, cly - clayey a - and - 35-50% s - some - 20-35% l - little - 10-20% t - trace - 0-10%	**COMMENTS** (e.g., N-value, recovery, relative moisture, core run, RQD, % recovered)
				0 -.25 ft **Concrete**	
1				**.25-.5 ft** **Medium gray SAND**	PID =0.0 ppm
2	S-1				
				.5 - 4 ft **Red-brown CLAY, some silt, little sand, trace gravel**	PID =0.5 ppm
3				***Damp***	
				Soil sample from .5 - 4.0 ' for lab analysis	
4					
5					
6	S-2			**4 - 8 ft** **Red-brown CLAY, some silt, little sand, little gravel**	PID =0.2 ppm
				Damp	
7					
8					
				End of boring at 8.0 ft	

EGMS 15 Briar Hill Road Orchard Park, NY 14127 Phone: 716-445-2105	**BORING LOG**	*Boring No.*	**SB-11**
		Sheet 1 of:	1
		Project No.:	

Project Name:	High Park Plaza							*Surface Elev.:*	
Location:	Colvin & Highland Parkway, Tonawanda, NY							*Datum:*	
Client:	Buffalo Business Park							*Start Date:*	5/13/14
Drilling Firm:	SJB, Inc							*Finish Date:*	5/13/14
Groundwater	*Depth*	*Date & Time*	*Drill Rig:*	Geoprobe 6620 DT				*Inspector:*	N. Wohlabaugh
While Drilling:			*Casing:*	Macrocore	*Rock Core:*		*Undist:*		
Before Casing Removal:			*Sampler:*	Macrocore	*Notes:*				
After Casing Removal:			*Hammer:*	Direct Push					

(N -- No. of blows to drive sampler 12" w/140 lb. hammer falling 30" ASTM D-1586, Standard Penetration Test)

Depth (ft)	Sample No.	Symbol	Blows on Sampler per 6"	c - coarse m - medium f - fine **MATERIAL DESCRIPTION** S - Sand, $ - Silt, G - Gravel, C - Clay, cly - clayey a - and - 35-50% s - some - 20-35% l - little - 10-20% t - trace - 0-10%	**COMMENTS** (e.g., N-value, recovery, relative moisture, core run, RQD, % recovered)
				0 -.5 ft Concrete & wood	
1				**.5-2.0 ft Dark brown SILT, some clay**	PID =0.8 ppm
				Soil sample from .5 - 2.0 ' for lab analysis	
2	S-1				
				2 - 4 ft Red-brown CLAY, some silt, little sand, trace gravel	PID =0.90 ppm
3				*Damp*	
4					
5					
6	S-2			**4 - 8 ft Red-brown CLAY, some silt, little sand, little gravel**	PID =0.0 ppm
				Gravel zone at 5 - 5.5ft.	
7				*Damp*	
8					
				End of boring at 8.0 ft	

EGMS
15 Briar Hill Road
Orchard Park, NY 14127
Phone: 716-445-2105

BORING LOG

Boring No.	SB-15
Sheet 1 of:	1
Project No.:	
Surface Elev.:	
Datum:	
Start Date:	5/13/14
Finish Date:	5/13/14
Inspector:	N. Wohlabaugh

Project Name:	High Park Plaza
Location:	Colvin & Highland Parkway, Tonawanda, NY
Client:	Buffalo Business Park
Drilling Firm:	SJB, Inc

Groundwater	Depth	Date & Time
While Drilling:		
Before Casing Removal:		
After Casing Removal:		

Drill Rig:	Geoprobe 6620 DT		
Casing:	Macrocore	Rock Core:	Undist:
Sampler:	Macrocore	Notes:	
Hammer:	Direct Push		

(N -- No. of blows to drive sampler 12" w/140 lb. hammer falling 30" ASTM D-1586, Standard Penetration Test)

Depth (ft)	Sample No.	Symbol	Blows on Sampler per 6"	MATERIAL DESCRIPTION (c - coarse, m - medium, f - fine; a - and - 35-50%, s - some - 20-35%, l - little - 10-20%, t - trace - 0-10%; S - Sand, $ - Silt, G - Gravel, C - Clay, cly - clayey)	COMMENTS (e.g., N-value, recovery, relative moisture, core run, RQD, % recovered)
				0 - 1 ft Asphalt (0 - 6") and crushed stone (6 - 12")	
1				**1-1.5 ft Brown CLAY**	PID + 0.8 ppm
2	S-1				
				1.5-4 ft Red-brown CLAY, some silt, little sand, trace gravel	PID = 0.8 ppm
3				***Moist***	
4					
5					
				4 - 8 ft Red-brown CLAY, some silt, little sand, little gravel	PID = 0.9 ppm
6	S-2			***Moist*** *Soil sample from 4 - 8 ' for lab analysis*	
7					
8					
				End of boring at 12.0 ft	

2015/2016 REMEDIAL INVESTIGATION

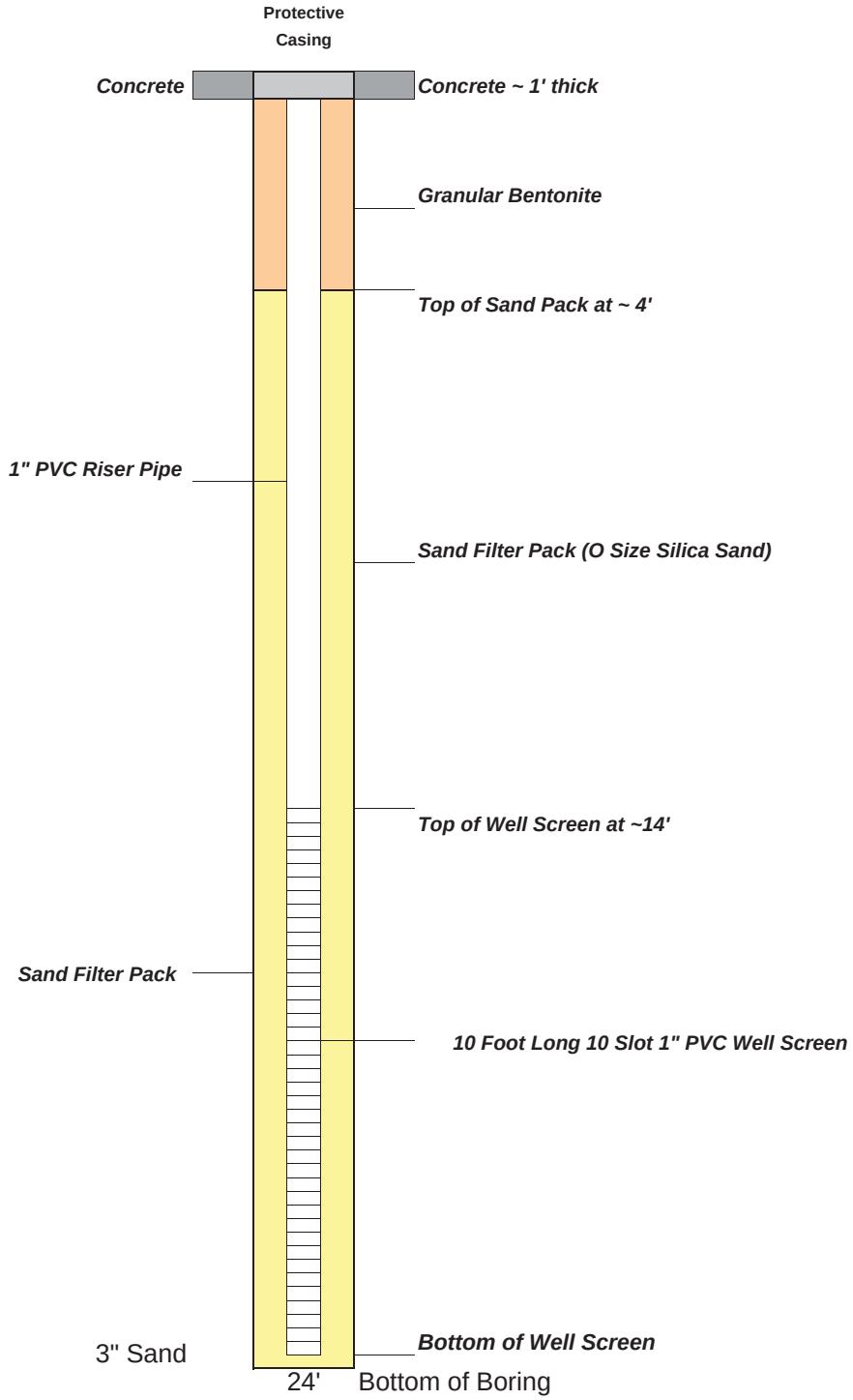
EGMS	SUBSURFACE BORING LOG	Start Date: 10/14 End Date: 10/14	Boring No. SB-16/MW-1

Project Number:	Geologist: N. Wohlabaugh	Weather: ~50°F, Overcast	
Client: HIGHLAND PLAZA	Project Manager: N. Wohlabaugh	Northing:	Datum:
Location (City, State): Tonawanda, New York	Driller: R. Steiner	Easting:	
Drill Rig Type: GeoProbe 6620 (Track Mounted)		Borehole Diameter (ft.): 0.25	
Type of Sampling Device: GeoProbe Macro-Core Sampler		Type of Casing:	

Depth *(feet)*	Sample ID	Recovery	SOIL DESCRIPTION	USCS Symbol	PID Screening (ppm)
0			0 to 4" Asphalt		
			4" to 12" Crushed Stone		1.5
1			*6" to 12" - Soil sample collected for lab analysis*		1.1
2	1	44"	Red Brown **CLAY**, some Silt, little fine Sand, very little Gravel		1.1
			Moist and compact		
3					1.1
4					1.1
5					1.1
6	2	42"	Red Brown **CLAY**, some Silt, little fine Sand, very little Gravel		1.1
			Damp and compact		
7					1.1
8					1.1
9					1.0
10	3	46"	Red Brown **CLAY**, some Silt, little fine Sand, very little Gravel		1.0
			Damp and compact		
11					1.0
12					1.0
13					1.0
14	4	48"	Red Brown **CLAY**, some Silt, little fine Sand, very little Gravel		1.2
			Damp to slightly moist; compact		
15					1.1
16					1.0
17					1.1
18	5	47"	Red Brown **CLAY**, some Silt, little fine Sand, very little Gravel		1.0
			Slightly moist; less compact		
19					1.1
20					1.0
21					1.0
22	6	46"	Red Brown **CLAY**, some Silt, little fine Sand, very little Gravel		0.9
			Slightly moist; less compact to pliable		
23			Drill rods are dry		0.9
			23' to 24' - Soil sample collectd for lab analysis		
24			**END OF BORING**		1.0

Depth to Water: Not encountered	Comments: **Converted to MW-1**	Boring No. **SB-16**

EGMS	MONITORING WELL CONSTRUCTION DIAGRAM	Start Date: 10/14 End Date: 10/14	Boring No. MW-1
Project Number:	Geologist: N. Wohlabaugh	Weather: ~50°F, Overcast	
Client: HIGHLAND PLAZA	Project Manager: N. Wohlabaugh	Northing: 23.36' S	Top Riser:
Location (City, State): Tonawanda, New York	Driller: R. Steiner	Easting: 104.45' E	100.51'
Drill Rig Type: GeoProbe 6620 (Track Mounted)		Borehole Diameter (ft.): 0.25	



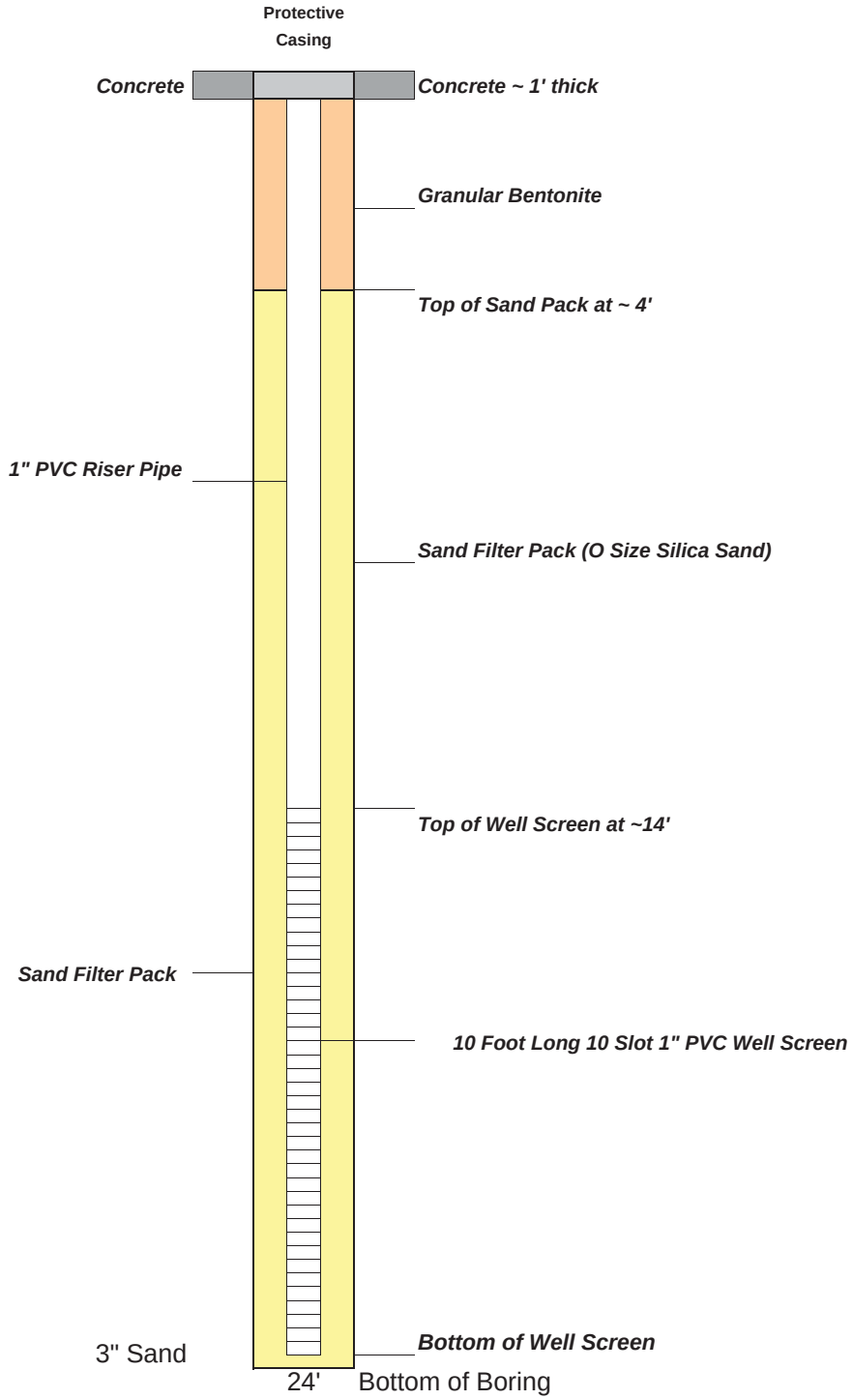
Depth to Water: Not encountered during drilling or well construction.	Comments:	MW-1

EGMS	SUBSURFACE BORING LOG	Start Date: 10/14 End Date: 10/14	Boring No. SB-17/MW-2
Project Number:	Geologist: N. Wohlabaugh	Weather: ~50°F, Overcast	
Client: HIGHLAND PLAZA	Project Manager: N. Wohlabaugh	Northing:	Datum:
Location (City, State): Tonawanda, New York	Driller: R. Steiner	Easting:	
Drill Rig Type: GeoProbe 6620 (Track Mounted)		Borehole Diameter (ft.): 0.25	
Type of Sampling Device: GeoProbe Macro-Core Sampler		Type of Casing:	

Depth *(feet)*	Sample ID	Recovery	SOIL DESCRIPTION	USCS Symbol	PID Screening (ppm)
0			0 to 6" Asphalt		
			6" to 12" Crushed Stone		0.8
1			***6" to 12" - Soil sample collected for lab analysis***		0.7
2	1	45"	Red Brown **CLAY**, some Silt, little fine Sand, very little Gravel		0.7
			Damp and compact		
3					0.7
4					0.7
5					0.7
6	2	46"	Red Brown **CLAY**, some Silt, little fine Sand, very little Gravel		0.7
			Dry to damp; very compact		
7					0.7
8					0.7
9					0.5
10	3	45.5"	Red Brown **CLAY**, some Silt, little fine Sand, very little Gravel		0.5
			Damp and compact		
11					0.5
12					0.5
13					0.5
14	4	45"	Red Brown **CLAY**, some Silt, little fine Sand, very little Gravel		0.4
			Damp and compact		
15					0.4
16					0.5
17					0.4
18	5	47"	Red Brown **CLAY**, some Silt, little fine Sand, very little Gravel		0.4
			Slightly moist; less compact at 19' to 20'		
19					0.4
20					0.4
21					0.4
22	6	46"	Red Brown **CLAY**, some Silt, little fine Sand, very little Gravel		0.4
			Moist; pliable to soft		
23			***23' to 24' - Soil sample collectd for lab analysis***		0.4
			23.5 to 24' Red brown **SILT**, some Clay, minor fine Sand, little Gravel		
24			**END OF BORING**		0.4

Depth to Water: Not encountered	Comments: **Converted to MW-2**	Boring No. **SB-17**

EGMS	MONITORING WELL CONSTRUCTION DIAGRAM	Start Date: 10/14 End Date: 10/14	Boring No. MW-2
Project Number:	Geologist: N. Wohlabaugh	Weather: ~50°F, Overcast	
Client: HIGHLAND PLAZA	Project Manager: N. Wohlabaugh	Northing: 23.43' S	Top Riser
Location (City, State): Tonawanda, New York	Driller: R. Steiner	Easting: 216.22' E	100.18'
Drill Rig Type: GeoProbe 6620 (Track Mounted)		Borehole Diameter (ft.): 0.25	



Depth to Water: Not encountered during drilling or well construction.	Comments:	MW-2

EGMS	SUBSURFACE BORING LOG	Start Date: 10/14 End Date: 10/14	Boring No. SB-18

Project Number:	**Geologist: N. Wohlabaugh**	**Weather: ~50°F, Sunny**	
Client: HIGHLAND PLAZA	**Project Manager: N. Wohlabaugh**	**Northing:**	**Datum:**
Location (City, State): Tonawanda, New York	**Driller: R. Steiner**	**Easting:**	
Drill Rig Type: GeoProbe 6620 (Track Mounted)		**Borehole Diameter (ft.): 0.25**	
Type of Sampling Device: GeoProbe Macro-Core Sampler		**Type of Casing:**	

Depth *(feet)*	Sample ID	Recovery	SOIL DESCRIPTION	USCS Symbol	PID Screening (ppm)
0			0 to 6" Asphalt		
			6" to 12" Crushed Stone		0
1			12" to 16" Black stained Sand		0
			12" to 18" - Soil sample collected for lab analysis		
2	1	46"	Red Brown **CLAY**, some Silt, little fine Sand, very little Gravel		0
			Damp and compact		
3					0
4					0
5					0
6	2	45"	Red Brown **CLAY**, some Silt, little fine Sand, very little Gravel		0
			Dry to damp; very compact		
7					0
			7' to 8' - Soil sample collected for lab analysis		
8			**END OF BORING**		0

Depth to Water: Not encountered	**Comments: Groundwater not encountered in completed geoprobe boring.**	**Boring No.** **SB-18**

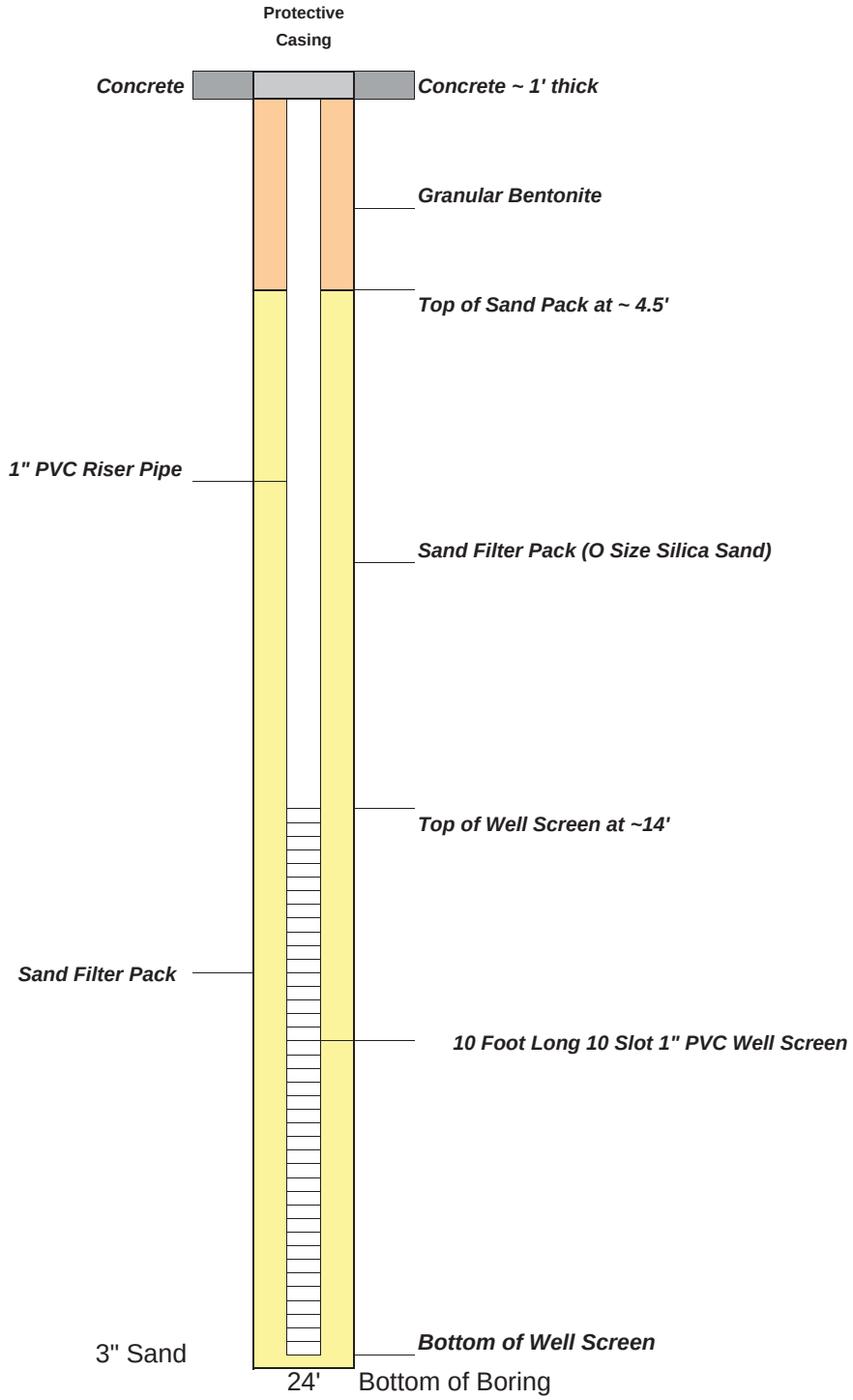
EGMS	SUBSURFACE BORING LOG	Start Date: 10/14 End Date: 10/14	Boring No. SB-19/MW-3

Project Number:	**Geologist: N. Wohlabaugh**	**Weather: ~50°F, Overcast**	
Client: HIGHLAND PLAZA	**Project Manager: N. Wohlabaugh**	**Northing:**	**Datum:**
Location (City, State): Tonawanda, New York	**Driller: R. Steiner**	**Easting:**	
Drill Rig Type: GeoProbe 6620 (Track Mounted)		**Borehole Diameter (ft.): 0.25**	
Type of Sampling Device: GeoProbe Macro-Core Sampler		**Type of Casing:**	

Depth *(feet)*	Sample ID	Recovery	SOIL DESCRIPTION	USCS Symbol	PID Screening (ppm)
0			0 to 6" Asphalt		
			6" to 12" Crushed Stone		0.4
1			***6" to 18" - Soil sample collected for lab analysis***		0.3
2	1	42"	Red Brown **CLAY**, some Silt, little fine Sand, very little Gravel		0.3
			Damp and compact		
3					0.3
4					0.3
5					0.2
6	2	43.5"	Red Brown **CLAY**, some Silt, little fine Sand, very little Gravel		0.2
			Damp; very compact		
7					0.2
8					0.2
9					0.2
10	3	45.5"	Red Brown **CLAY**, some Silt, little fine Sand, very little Gravel		0.2
			Damp; very compact		
11					0.2
12					0.2
13					0.1
14	4	46"	Red Brown **CLAY**, some Silt, very little fine Sand, very little Gravel		0.2
			Damp to moist; less compact		
15					0
16					0.1
17					0.1
18	5	46"	Red Brown **CLAY**, some Silt, little fine Sand, very little Gravel		0.1
			Slightly moist; less compact at 19' to 20'		
19					0.1
20					0.1
21					0
22	6	46"	Red Brown **CLAY**, some Silt, little fine Sand, very little Gravel		0.1
			Moist; pliable to soft		
23					0
			23' to 24' - Soil sample collected for lab analysis		
24			**END OF BORING**		0.1

Depth to Water: Not encountered	**Comments: Converted to MW-3**	**Boring No. SB-19**

EGMS	MONITORING WELL CONSTRUCTION DIAGRAM	Start Date: 10/14 End Date: 10/14	Boring No. MW-3
Project Number:	Geologist: N. Wohlabaugh	Weather: ~50°F, Overcast	
Client: HIGHLAND PLAZA	Project Manager: N. Wohlabaugh	Northing: 24.29' S	Top Riser
Location (City, State): Tonawanda, New York	Driller: R. Steiner	Easting: 282.43' E	100.08'
Drill Rig Type: GeoProbe 6620 (Track Mounted)		Borehole Diameter (ft.): 0.25	



Depth to Water: Not encountered during drilling or well construction.	Comments:	MW-3

EGMS	SUBSURFACE BORING LOG	Start Date: 10/15 End Date: 10/15	Boring No. SB-20
Project Number:	Geologist: N. Wohlabaugh	Weather: ~48°F, Sunny	
Client: HIGHLAND PLAZA	Project Manager: N. Wohlabaugh	Northing:	Datum:
Location (City, State): Tonawanda, New York	Driller: R. Steiner	Easting:	
Drill Rig Type: GeoProbe 6620 (Track Mounted)		Borehole Diameter (ft.): 0.25	
Type of Sampling Device: GeoProbe Macro-Core Sampler		Type of Casing:	

Depth *(feet)*	Sample ID	Recovery	SOIL DESCRIPTION	USCS Symbol	PID Screening (ppm)
0			0 to 6" Asphalt & crushed stone		
					0.2
1			6" to 18" Dark Brown stained **CLAY**		2.3
			6" to 18" - Soil sample collected for lab analysis		
2	1	45"	Red Brown **CLAY**, some Silt, little fine Sand, very little Gravel		0.1
			Damp and compact		
3					0.1
4					1.4
5					0.2
6	2	46"	Red Brown **CLAY**, some Silt, little fine Sand, very little Gravel		0.8
			Dry to damp; compact		
7					0
			7' to 8' - Soil sample collected for lab analysis		
8			**END OF BORING**		0

Depth to Water: Not encountered_____	**Comments**: Groundwater not encountered in completed geoprobe boring.	Boring No. SB-20

EGMS	SUBSURFACE BORING LOG	Start Date: 10/15 End Date: 10/15	Boring No. SB-21
Project Number:	Geologist: N. Wohlabaugh	Weather: ~48°F, Sunny	
Client: HIGHLAND PLAZA	Project Manager: N. Wohlabaugh	Northing:	Datum:
Location (City, State): Tonawanda, New York	Driller: R. Steiner	Easting:	
Drill Rig Type: GeoProbe 6620 (Track Mounted)		Borehole Diameter (ft.): 0.25	
Type of Sampling Device: GeoProbe Macro-Core Sampler		Type of Casing:	

Depth *(feet)*	Sample ID	Recovery	SOIL DESCRIPTION	USCS Symbol	PID Screening (ppm)
0			0 to 8" Asphalt & crushed stone		
					0
1			8" to 20" Dark Brown stained **CLAY**		0
			12" to 20" - Soil sample collected for lab analysis		
2	1	45"	Red Brown **CLAY**, some Silt, little fine Sand, very little Gravel		0
			Damp and compact		
3					0
4					0
5					0
6	2	44"	Red Brown **CLAY**, some Silt, little fine Sand, very little Gravel		0
			Damp and compact		
7					0
			7' to 8' - Soil sample collected for lab analysis		
8			**END OF BORING**		0

Depth to Water: Not encountered	Comments: Groundwater not encountered in completed geoprobe boring.	Boring No. SB-21

EGMS	SUBSURFACE BORING LOG	Start Date: 10/15 End Date: 10/15	Boring No. SB-22
Project Number:	Geologist: N. Wohlabaugh	Weather: ~48°F, Sunny	
Client: HIGHLAND PLAZA	Project Manager: N. Wohlabaugh	Northing:	Datum:
Location (City, State): Tonawanda, New York	Driller: R. Steiner	Easting:	
Drill Rig Type: GeoProbe 6620 (Track Mounted)		Borehole Diameter (ft.): 0.25	
Type of Sampling Device: GeoProbe Macro-Core Sampler		Type of Casing:	

Depth *(feet)*	Sample ID	Recovery	SOIL DESCRIPTION	USCS Symbol	PID Screening (ppm)
0			0 to 10" Asphalt & crushed stone		
					0
1			10" to 19" Dark Brown stained **CLAY**		0
			6" to 18" - Soil sample collected for lab analysis		
2	1	45"	Red Brown **CLAY**, some Silt, little fine Sand, very little Gravel		0
			Damp and compact		
3					0
4					0
5					0
6	2	45.5"	Red Brown **CLAY**, some Silt, little fine Sand, very little Gravel		0
			Damp and compact		
7					0
			7' to 8' - Soil sample collected for lab analysis		
8			**END OF BORING**		0

Depth to Water: Not encountered	Comments: Groundwater not encountered in completed geoprobe boring.	Boring No. SB-22

EGMS	SUBSURFACE BORING LOG	Start Date: / End Date:	Boring No. SB-23
Project Number:	Geologist: N. Wohlabaugh	Weather: ~50°F, Overcast	
Client: HIGHLAND PLAZA	Project Manager: N. Wohlabaugh	Northing:	Datum:
Location (City, State): Tonawanda, New York	Driller: R. Steiner	Easting:	
Drill Rig Type: GeoProbe 6620 (Track Mounted)		Borehole Diameter (ft.): 0.25	
Type of Sampling Device: GeoProbe Macro-Core Sampler		Type of Casing:	

Depth *(feet)*	Sample ID	Recovery	SOIL DESCRIPTION	USCS Symbol	PID Screening (ppm)
0			0 to 8" Dark grey coarse SAND		0.3
			8" to 10" Medium grey Coarse SAND		1.3
1			10" to 17" Light grey andgular GRAVEL (crushed stone)		0
			17" to 24" Dark grey stained CLAY ***Soil sample collected for lab analysis***		
2	1	40"	Red Brown **CLAY**, some Silt, little fine Sand, very little Gravel		0
			Damp and compact		
3					0
4					0
5					1.7
6	2	45.5"	Red Brown **CLAY**, some Silt, little fine Sand, very little Gravel		1.7
			Damp and compact		
7			***6' to 7' - Soil sample collected for lab analysis***		1.6
8			**END OF BORING**		0.4

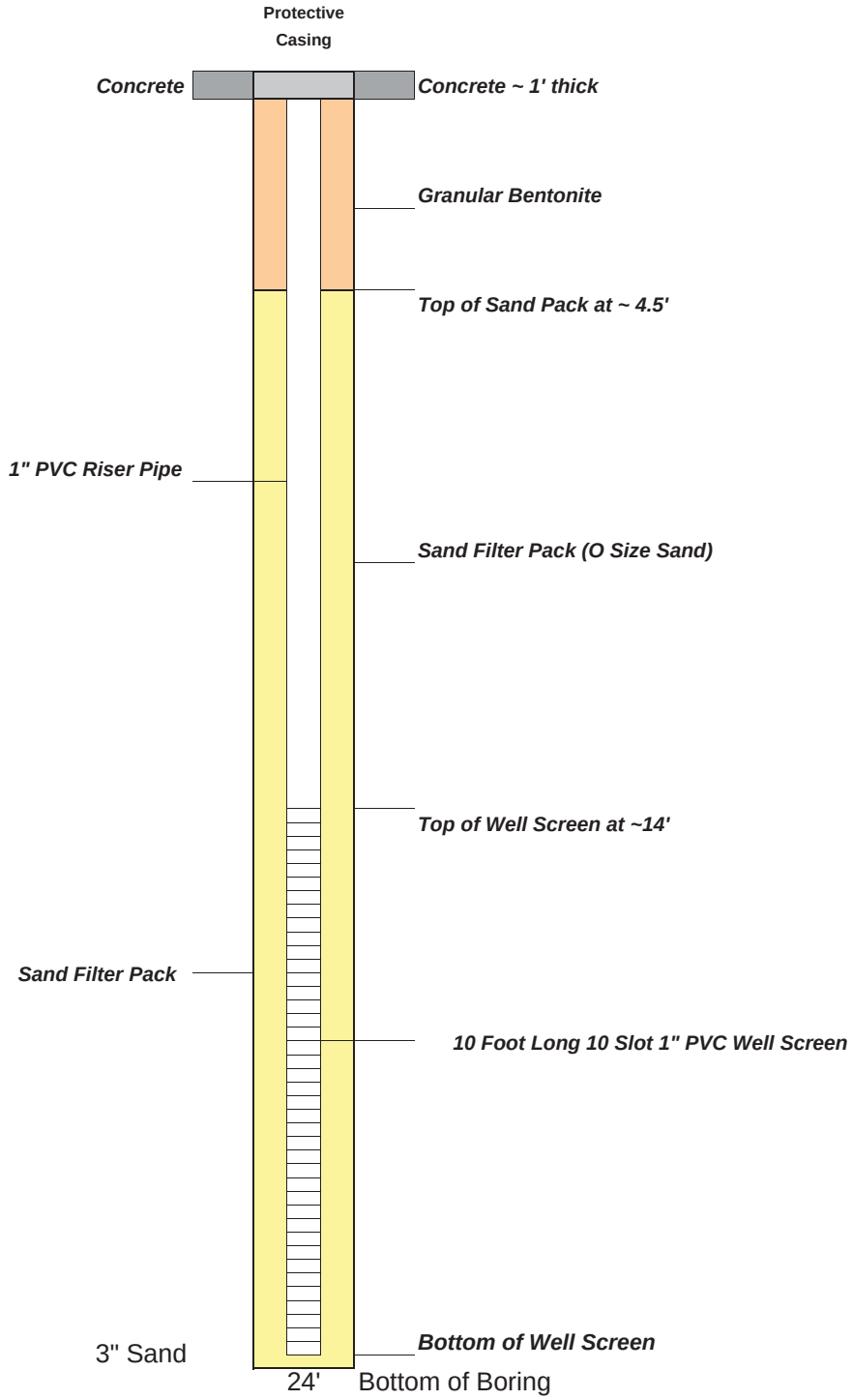
Depth to Water: Not encountered	Comments: Groundwater not encountered in completed geoprobe boring.	Boring No. SB-23

EGMS	SUBSURFACE BORING LOG	Start Date: 10/15 15-Oct	Boring No. SB-24/MW-4
Project Number:	Geologist: N. Wohlabaugh	Weather: ~50°F, Sunny	
Client: HIGHLAND PLAZA	Project Manager: N. Wohlabaugh	Northing:	Datum:
Location (City, State): Tonawanda, New York	Driller: R. Steiner	Easting:	
Drill Rig Type: GeoProbe 6620 (Track Mounted)		Borehole Diameter (ft.): 0.25	
Type of Sampling Device: GeoProbe Macro-Core Sampler		Type of Casing:	

Depth *(feet)*	Sample ID	Recovery	SOIL DESCRIPTION	USCS Symbol	PID Screening (ppm)
0			0 to 6" Dark grey angular GRAVEL (crushed stone)t		5.4
			6" to 12" Medium grey angular GRAVEL (crushed stone)		
1			12" to 14" Black coarse SAND (stained) ***Sample collected for analysis***		92.6
			14" to 24" Black CLAY (stained) some Silt, little fine Sand, very little		13.1
2	1	41"	Gravel; Damp and compact		
			24" to 48" Red brown **CLAY,** some Silt, little fine Sand, very little Gravel		
3			Damp and compact		0.3
4					0.3
5					9.3
6	2	43"	Red Brown **CLAY**, some Silt, little fine Sand, very little Gravel		49.6
			Damp; very compact		
7					64.2
8					39.4
9					48.3
10	3	46"	Red Brown **CLAY**, some Silt, little fine Sand, very little Gravel		66.1
			Damp; very compact		
11					132.1
12					Not recorded
13					25.8
14	4	43"	Red Brown **CLAY**, some Silt, very little fine Sand, very little Gravel		66
			Damp to moist; less compact		
15			***14' to 15' - Soil sample collected for lab analysis***		203
16					44.2
17					36.5
18	5	44"	Red Brown **CLAY**, some Silt, little fine Sand, very little Gravel		22.8
			Slightly moist; less compact at 17.5' to 20'		
19					8.3
20					43.5
21					50.8
22	6	45.5"	Red Brown **CLAY**, some Silt, little fine Sand, very little Gravel		22.7
			Moist; pliable to soft		
23					8.3
			23' to 24' - Soil sample collected for lab analysis		
24			**END OF BORING**		4.4

Depth to Water: Not encountered	Comments: **Converted to MW-4**	Boring No. **SB-24**

EGMS	MONITORING WELL CONSTRUCTION DIAGRAM	Start Date: 10/16 End Date: 10/16	Boring No. MW-4
Project Number:	Geologist: N. Wohlabaugh	Weather: ~50°F, Overcast	
Client: HIGHLAND PLAZA	Project Manager: N. Wohlabaugh	Northing: 119.19' S	Top Riser
Location (City, State): Tonawanda, New York	Driller: R. Steiner	Easting: 274.59' E	101.45'
Drill Rig Type: GeoProbe 6620 (Track Mounted)		Borehole Diameter (ft.): 0.25	



Depth to Water: Not encountered during drilling or well construction.	Comments:	MW-4

EGMS	SUBSURFACE BORING LOG	Start Date: 10/16 16-Oct	Boring No. SB-25
Project Number:	Geologist: N. Wohlabaugh	Weather: ~50°F, Sunny	
Client: HIGHLAND PLAZA	Project Manager: N. Wohlabaugh	Northing:	Datum:
Location (City, State): Tonawanda, New York	Driller: R. Steiner	Easting:	
Drill Rig Type: GeoProbe 6620 (Track Mounted)		Borehole Diameter (ft.): 0.25	
Type of Sampling Device: GeoProbe Macro-Core Sampler		Type of Casing:	

Depth *(feet)*	Sample ID	Recovery	SOIL DESCRIPTION	USCS Symbol	PID Screening (ppm)
0			0 to 3" Dark greyTopsoil		7.4
			3" to 16" Medium grey angular GRAVEL (crushed stone)		1.3
1			16" to 18" Dark black GRAVEL (crushed stone) ***Soil sample***		30.0
			18" to 22" Dark grey stained CLAY ***collected for analysis (16" to 20")***		885
2	1	39.5"	22" to 48' Red Brown **CLAY**, some Silt, little fine Sand, very little Gravel		
			Damp and compact		
3					69.2
4					0
5					188.8
6	2	40.0"	Red Brown **CLAY**, some Silt, little fine Sand, very little Gravel		122.4
			Damp and compact		
7			***6' to 7' - Soil sample collected for lab analysis***		393.4
8			**END OF BORING**		365.2

Depth to Water: Not encountered	Comments: Groundwater not encountered in completed geoprobe boring.	Boring No. SB-25

EGMS	SUBSURFACE BORING LOG	Start Date: 10/16 End Date: 10/16	Boring No. SB-26

Project Number:	Geologist: N. Wohlabaugh	Weather: ~50°F, Overcast	
Client: HIGHLAND PLAZA	Project Manager: N. Wohlabaugh	Northing:	Datum:
Location (City, State): Tonawanda, New York	Driller: R. Steiner	Easting:	
Drill Rig Type: GeoProbe 6620 (Track Mounted)		Borehole Diameter (ft.): 0.25	
Type of Sampling Device: GeoProbe Macro-Core Sampler		Type of Casing:	

Depth *(feet)*	Sample ID	Recovery	SOIL DESCRIPTION	USCS Symbol	PID Screening (ppm)
0			0 to 3" Dark grey Topsoil		0.5
			3" to 16.5" Medium grey angular GRAVEL (crushed stone)		1.0
1					
			17" to 22" - Soil sample collected for lab analysis		
2	1	41.0"	16.5" to 48" Red Brown **CLAY**, some Silt, little fine Sand, very little Gravel		2
			Damp and compact		
3					1.9
4					0.7
5					188.8
6	2	46.0"	Red Brown **CLAY**, some Silt, little fine Sand, very little Gravel		122.4
			Damp and compact		
7					393.4
			7' to 8' - Soil sample collected for lab analysis		
8			**END OF BORING**		365.2

Depth to Water: Not encountered	**Comments**: Groundwater not encountered in completed geoprobe boring.	Boring No. SB-26

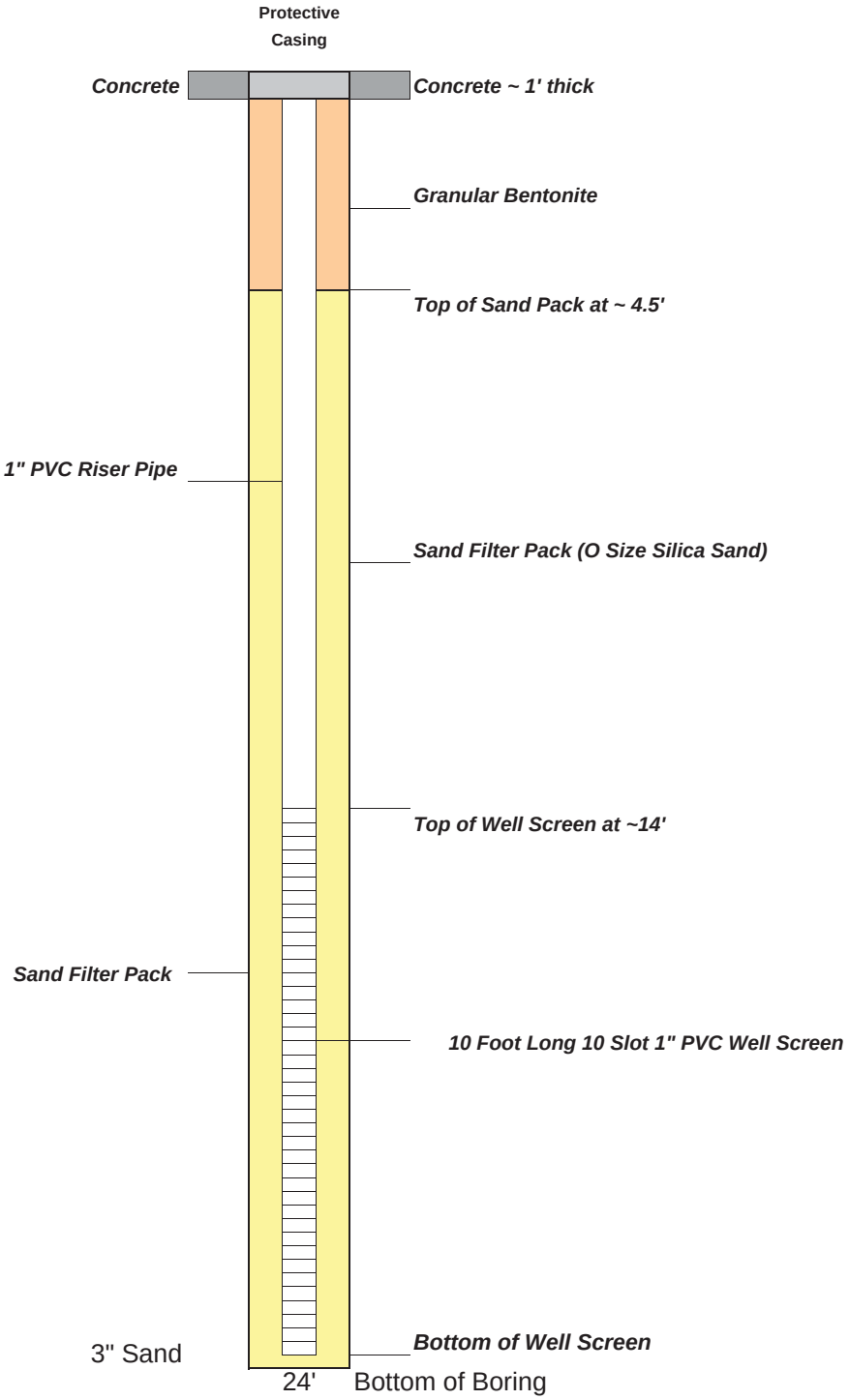
EGMS	SUBSURFACE BORING LOG	Start Date: 10/15 End Date: 10/15	Boring No. SB-27/MW-5

Project Number:	**Geologist: N. Wohlabaugh**	**Weather: ~50°F, Sunny**	
Client: HIGHLAND PLAZA	**Project Manager: N. Wohlabaugh**	**Northing:**	**Datum:**
Location (City, State): Tonawanda, New York	**Driller: R. Steiner**	**Easting:**	
Drill Rig Type: GeoProbe 6620 (Track Mounted)		**Borehole Diameter (ft.): 0.25**	
Type of Sampling Device: GeoProbe Macro-Core Sampler		**Type of Casing:**	

Depth *(feet)*	Sample ID	Recovery	SOIL DESCRIPTION	USCS Symbol	PID Screening (ppm)
0			0 to 6" Dark grey Topsoil		0
			6" to 12" Medium grey angular GRAVEL (crushed stone)		0
1			***17" to 22" - Soil sample collected for lab analysis***		
			14" to 19" Dark grey CLAY (stained) some Silt, little fine Sand, very little		0
2	1	40"	Gravel; Damp and compact		
			19" to 48" Red brown **CLAY,** some Silt, little fine Sand, very little Gravel		0
3			Damp and compact		
4					0
5					0
6	2	46"	Red Brown **CLAY**, some Silt, little fine Sand, very little Gravel		0
			Damp; very compact		
7					0
8					0
9					0
10	3	45.5"	Red Brown **CLAY**, some Silt, little fine Sand, very little Gravel		0
			Damp; very compact		
11					0.5
12					0.2
13					0
14	4	39.5"	Red Brown **CLAY**, some Silt, very little fine Sand, very little Gravel		2.7
			Damp to moist; less compact		
15			***14' to 15' - Soil sample collected for lab analysis***		9.6
16					3.8
17					0
18	5	43"	Red Brown **CLAY**, some Silt, little fine Sand, very little Gravel		0
			Moist to wet; less compact at 17.5' to 20'		
19					0
20					0
21					0
22	6	40.5"	Red Brown **CLAY**, some Silt, little fine Sand, very little Gravel		0
			Mois to wet; pliable to soft		
23					0
			23' to 24' - Soil sample collected for lab analysis		
24			**END OF BORING**		0

Depth to Water: Not encountered	**Comments: Converted to MW-5**	**Boring No. SB-27**

EGMS	MONITORING WELL CONSTRUCTION DIAGRAM	Start Date: 10/16 End Date: 10/16	Boring No. MW-5
Project Number:	Geologist: N. Wohlabaugh	Weather: ~50°F, Overcast	
Client: HIGHLAND PLAZA	Project Manager: N. Wohlabaugh	Northing: 120.15' S	Top Riser
Location (City, State): Tonawanda, New York	Driller: R. Steiner	Easting: 176.13' E	102.06'
Drill Rig Type: GeoProbe 6620 (Track Mounted)		Borehole Diameter (ft.): 0.25	



Depth to Water: Not encountered during drilling or well construction.	Comments:	MW-5

EGMS	SUBSURFACE BORING LOG	Start Date: 10/16 End Date:	Boring No. SB-28
Project Number:	Geologist: N. Wohlabaugh	Weather: ~50°F, Overcast	
Client: HIGHLAND PLAZA	Project Manager: N. Wohlabaugh	Northing:	Datum:
Location (City, State): Tonawanda, New York	Driller: R. Steiner	Easting:	
Drill Rig Type: GeoProbe 6620 (Track Mounted)		Borehole Diameter (ft.): 0.25	
Type of Sampling Device: GeoProbe Macro-Core Sampler		Type of Casing:	

Depth *(feet)*	Sample ID	Recovery	SOIL DESCRIPTION	USCS Symbol	PID Screening (ppm)
0			0 to 2.5" Dark grey Topsoil		0.1
			2.5" to 17" Medium grey angular GRAVEL (crushed stone)		1.0
1					
			10" to 22" - Soil sample collected for lab analysis		
2	1	42.0"	17" to 48" Red Brown **CLAY**, some Silt, little fine Sand, very little Gravel		2.7
			Damp and compact		
3					0
4					0
5					0
6	2	45.5"	Red Brown **CLAY**, some Silt, little fine Sand, very little Gravel		0
			Damp and compact		
7					0
			7' to 8' - Soil sample collected for lab analysis		
8			**END OF BORING**		0

Depth to Water: Not encountered	**Comments**: Groundwater not encountered in completed geoprobe boring.	Boring No. SB-28

EGMS	SUBSURFACE BORING LOG	Start Date:	Boring No. SB-29
		End Date:	
Project Number:	Geologist: N. Wohlabaugh	Weather: ~50°F, Overcast	
Client: HIGHLAND PLAZA	Project Manager: N. Wohlabaugh	Northing:	Datum:
Location (City, State): Tonawanda, New York	Driller: R. Steiner	Easting:	
Drill Rig Type: GeoProbe 6620 (Track Mounted)		Borehole Diameter (ft.): 0.25	

Depth *(feet)*	Sample ID	Recovery	SOIL DESCRIPTION	USCS Symbol	PID Screening (ppm)
0			0 to 10" Medium grey angular GRAVEL (crushed stone)		1.1
			10" to 16" Light grey angular GRAVEL (crushed stone)		1.0
1			***17" to 22" - Soil sample collected for lab analysis***		
			16' to 26" Dark brown CLAY (stained) some Silt, little fine Sand, very		0.8
2	1	45.5"	Gravel; damp and compact		
			26" to 48" Red Brown **CLAY**, some Silt, little fine Sand, very little Gravel		
3			Damp and compact		3.0
4					5.7
5					2.2
6	2	44'	Red Brown **CLAY**, some Silt, little fine Sand, very little Gravel		32.9
			Damp and compact		
7					21.5
			7' to 8' - Soil sample collected for lab analysis		
8			**END OF BORING**		51.1

Depth to Water: Not encountered	**Comments**: Groundwater not encountered in completed geoprobe boring.	Boring No. SB-29

APPENDIX D

ANALYTICAL RESULTS FOR SOIL

& GROUNDWATER SAMPLES COLLECTED

FROM THE HIGHLAND PLAZA

OFF-SITE AREA

2014 LIMITED PHASE II INVESTIGATION AND VAPOR INTRUSION STUDY

PARADIGM

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ENVIRONMENTAL SERVICES, INC

Analytical Report For

EGMS

For Lab Project ID

142867

Referencing

Soil Analysis

Prepared

Friday, July 11, 2014

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

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Analytical Report Appendix

The reported results relate only to the samples as they have been received by the laboratory.

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All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Low level Volatiles blank reports for soil/solid matrix are based on a nominal 5 gram weight. Sample results and reporting limits are based on actual weight, which may be more or less than 5 grams.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of analyte-specific, frequently used data flags and their meaning:

"<" = Analyzed for but not detected at or above the quantitation limit.
"E" = Result has been estimated, calibration limit exceeded.
"Z" = See case narrative.
"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.
"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.
"J" = Result estimated between the quantitation limit and half the quantitation limit.
"L" = Laboratory Control Sample recovery outside accepted QC limits.
"P" = Concentration differs by more than 40% between the primary and secondary analytical columns.

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Lab Project ID: 142867

Client: EGMS

Project Reference: Soil Analysis

Sample Identifier: AWSS-1
Lab Sample ID: 142867-01
Matrix: Soil
Date Sampled: 7/8/2014
Date Received: 7/9/2014

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed	
1,1,1-Trichloroethane	< 973	ug/Kg		7/10/2014	14:31
1,1,2,2-Tetrachloroethane	< 973	ug/Kg		7/10/2014	14:31
1,1,2-Trichloroethane	< 973	ug/Kg		7/10/2014	14:31
1,1-Dichloroethane	< 973	ug/Kg		7/10/2014	14:31
1,1-Dichloroethene	< 973	ug/Kg		7/10/2014	14:31
1,2,3-Trichlorobenzene	< 2430	ug/Kg		7/10/2014	14:31
1,2,4-Trichlorobenzene	< 2430	ug/Kg		7/10/2014	14:31
1,2-Dibromo-3-Chloropropane	< 4860	ug/Kg		7/10/2014	14:31
1,2-Dibromoethane	< 973	ug/Kg		7/10/2014	14:31
1,2-Dichlorobenzene	< 973	ug/Kg		7/10/2014	14:31
1,2-Dichloroethane	< 973	ug/Kg		7/10/2014	14:31
1,2-Dichloropropane	< 973	ug/Kg		7/10/2014	14:31
1,3-Dichlorobenzene	< 973	ug/Kg		7/10/2014	14:31
1,4-Dichlorobenzene	< 973	ug/Kg		7/10/2014	14:31
1,4-dioxane	< 9730	ug/Kg		7/10/2014	14:31
2-Butanone	< 4860	ug/Kg		7/10/2014	14:31
2-Hexanone	< 2430	ug/Kg		7/10/2014	14:31
4-Methyl-2-pentanone	< 2430	ug/Kg		7/10/2014	14:31
Acetone	< 4860	ug/Kg		7/10/2014	14:31
Benzene	< 973	ug/Kg		7/10/2014	14:31
Bromochloromethane	< 2430	ug/Kg		7/10/2014	14:31
Bromodichloromethane	< 973	ug/Kg		7/10/2014	14:31
Bromoform	< 2430	ug/Kg		7/10/2014	14:31
Bromomethane	< 973	ug/Kg		7/10/2014	14:31
Carbon disulfide	< 973	ug/Kg		7/10/2014	14:31
Carbon Tetrachloride	< 973	ug/Kg		7/10/2014	14:31

PARADIGM
ENVIRONMENTAL SERVICES, INC

Lab Project ID: 142867

Client: EGMS

Project Reference: Soil Analysis

Sample Identifier: AWSS-1
Lab Sample ID: 142867-01
Matrix: Soil
Date Sampled: 7/8/2014
Date Received: 7/9/2014

Chlorobenzene	< 973	ug/Kg	7/10/2014	14:31
Chloroethane	< 973	ug/Kg	7/10/2014	14:31
Chloroform	< 973	ug/Kg	7/10/2014	14:31
Chloromethane	< 973	ug/Kg	7/10/2014	14:31
cis-1,2-Dichloroethene	< 973	ug/Kg	7/10/2014	14:31
cis-1,3-Dichloropropene	< 973	ug/Kg	7/10/2014	14:31
Cyclohexane	< 4860	ug/Kg	7/10/2014	14:31
Dibromochloromethane	< 973	ug/Kg	7/10/2014	14:31
Dichlorodifluoromethane	< 973	ug/Kg	7/10/2014	14:31
Ethylbenzene	< 973	ug/Kg	7/10/2014	14:31
Freon 113	< 973	ug/Kg	7/10/2014	14:31
Isopropylbenzene	< 973	ug/Kg	7/10/2014	14:31
m,p-Xylene	< 973	ug/Kg	7/10/2014	14:31
Methyl acetate	< 973	ug/Kg	7/10/2014	14:31
Methyl tert-butyl Ether	< 973	ug/Kg	7/10/2014	14:31
Methylcyclohexane	< 973	ug/Kg	7/10/2014	14:31
Methylene chloride	< 2430	ug/Kg	7/10/2014	14:31
o-Xylene	< 973	ug/Kg	7/10/2014	14:31
Styrene	< 2430	ug/Kg	7/10/2014	14:31
Tetrachloroethene	**40200**	ug/Kg	7/10/2014	14:31
Toluene	< 973	ug/Kg	7/10/2014	14:31
trans-1,2-Dichloroethene	< 973	ug/Kg	7/10/2014	14:31
trans-1,3-Dichloropropene	< 973	ug/Kg	7/10/2014	14:31
Trichloroethene	< 973	ug/Kg	7/10/2014	14:31
Trichlorofluoromethane	< 973	ug/Kg	7/10/2014	14:31
Vinyl chloride	< 973	ug/Kg	7/10/2014	14:31

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Lab Project ID: 142867

Client: EGMS

Project Reference: Soil Analysis

Sample Identifier:	AWSS-1		
Lab Sample ID:	142867-01	**Date Sampled:**	7/8/2014
Matrix:	Soil	**Date Received:**	7/9/2014

Method Reference(s): EPA 8260C
EPA 5035A

Data File: x14871.D

Any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

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Lab Project ID: 142867

Client: EGMS

Project Reference: Soil Analysis

Sample Identifier: AWSS-2
Lab Sample ID: 142867-02
Matrix: Soil

Date Sampled: 7/8/2014
Date Received: 7/9/2014

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed	
1,1,1-Trichloroethane	< 822	ug/Kg		7/10/2014	14:54
1,1,2,2-Tetrachloroethane	< 822	ug/Kg		7/10/2014	14:54
1,1,2-Trichloroethane	< 822	ug/Kg		7/10/2014	14:54
1,1-Dichloroethane	< 822	ug/Kg		7/10/2014	14:54
1,1-Dichloroethene	< 822	ug/Kg		7/10/2014	14:54
1,2,3-Trichlorobenzene	< 2060	ug/Kg		7/10/2014	14:54
1,2,4-Trichlorobenzene	< 2060	ug/Kg		7/10/2014	14:54
1,2-Dibromo-3-Chloropropane	< 4110	ug/Kg		7/10/2014	14:54
1,2-Dibromoethane	< 822	ug/Kg		7/10/2014	14:54
1,2-Dichlorobenzene	< 822	ug/Kg		7/10/2014	14:54
1,2-Dichloroethane	< 822	ug/Kg		7/10/2014	14:54
1,2-Dichloropropane	< 822	ug/Kg		7/10/2014	14:54
1,3-Dichlorobenzene	< 822	ug/Kg		7/10/2014	14:54
1,4-Dichlorobenzene	< 822	ug/Kg		7/10/2014	14:54
1,4-dioxane	< 8220	ug/Kg		7/10/2014	14:54
2-Butanone	< 4110	ug/Kg		7/10/2014	14:54
2-Hexanone	< 2060	ug/Kg		7/10/2014	14:54
4-Methyl-2-pentanone	< 2060	ug/Kg		7/10/2014	14:54
Acetone	< 4110	ug/Kg		7/10/2014	14:54
Benzene	< 822	ug/Kg		7/10/2014	14:54
Bromochloromethane	< 2060	ug/Kg		7/10/2014	14:54
Bromodichloromethane	< 822	ug/Kg		7/10/2014	14:54
Bromoform	< 2060	ug/Kg		7/10/2014	14:54
Bromomethane	< 822	ug/Kg		7/10/2014	14:54
Carbon disulfide	< 822	ug/Kg		7/10/2014	14:54
Carbon Tetrachloride	< 822	ug/Kg		7/10/2014	14:54

PARADIGM
ENVIRONMENTAL SERVICES, INC

Lab Project ID: 142867

Client: EGMS

Project Reference: Soil Analysis

Sample Identifier:	AWSS-2		
Lab Sample ID:	142867-02	**Date Sampled:**	7/8/2014
Matrix:	Soil	**Date Received:**	7/9/2014

Chlorobenzene	< 822	ug/Kg	7/10/2014	14:54
Chloroethane	< 822	ug/Kg	7/10/2014	14:54
Chloroform	< 822	ug/Kg	7/10/2014	14:54
Chloromethane	< 822	ug/Kg	7/10/2014	14:54
cis-1,2-Dichloroethene	< 822	ug/Kg	7/10/2014	14:54
cis-1,3-Dichloropropene	< 822	ug/Kg	7/10/2014	14:54
Cyclohexane	< 4110	ug/Kg	7/10/2014	14:54
Dibromochloromethane	< 822	ug/Kg	7/10/2014	14:54
Dichlorodifluoromethane	< 822	ug/Kg	7/10/2014	14:54
Ethylbenzene	< 822	ug/Kg	7/10/2014	14:54
Freon 113	< 822	ug/Kg	7/10/2014	14:54
Isopropylbenzene	< 822	ug/Kg	7/10/2014	14:54
m,p-Xylene	< 822	ug/Kg	7/10/2014	14:54
Methyl acetate	< 822	ug/Kg	7/10/2014	14:54
Methyl tert-butyl Ether	< 822	ug/Kg	7/10/2014	14:54
Methylcyclohexane	< 822	ug/Kg	7/10/2014	14:54
Methylene chloride	< 2060	ug/Kg	7/10/2014	14:54
o-Xylene	< 822	ug/Kg	7/10/2014	14:54
Styrene	< 2060	ug/Kg	7/10/2014	14:54
Tetrachloroethene	**19300**	ug/Kg	7/10/2014	14:54
Toluene	< 822	ug/Kg	7/10/2014	14:54
trans-1,2-Dichloroethene	< 822	ug/Kg	7/10/2014	14:54
trans-1,3-Dichloropropene	< 822	ug/Kg	7/10/2014	14:54
Trichloroethene	< 822	ug/Kg	7/10/2014	14:54
Trichlorofluoromethane	< 822	ug/Kg	7/10/2014	14:54
Vinyl chloride	< 822	ug/Kg	7/10/2014	14:54

PARADIGM
ENVIRONMENTAL SERVICES, INC

Lab Project ID: 142867

Client: EGMS

Project Reference: Soil Analysis

Sample Identifier:	AWSS-2		
Lab Sample ID:	142867-02	**Date Sampled:**	7/8/2014
Matrix:	Soil	**Date Received:**	7/9/2014

Method Reference(s): EPA 8260C
EPA 5035A

Data File: x14872.D

Any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

PARADIGM
ENVIRONMENTAL SERVICES, INC

Lab Project ID: 142867

Client: EGMS

Project Reference: Soil Analysis

Sample Identifier: AWSS-3
Lab Sample ID: 142867-03
Matrix: Soil

Date Sampled: 7/8/2014
Date Received: 7/9/2014

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed	
1,1,1-Trichloroethane	< 1190	ug/Kg		7/10/2014	15:17
1,1,2,2-Tetrachloroethane	< 1190	ug/Kg		7/10/2014	15:17
1,1,2-Trichloroethane	< 1190	ug/Kg		7/10/2014	15:17
1,1-Dichloroethane	< 1190	ug/Kg		7/10/2014	15:17
1,1-Dichloroethene	< 1190	ug/Kg		7/10/2014	15:17
1,2,3-Trichlorobenzene	< 2970	ug/Kg		7/10/2014	15:17
1,2,4-Trichlorobenzene	< 2970	ug/Kg		7/10/2014	15:17
1,2-Dibromo-3-Chloropropane	< 5940	ug/Kg		7/10/2014	15:17
1,2-Dibromoethane	< 1190	ug/Kg		7/10/2014	15:17
1,2-Dichlorobenzene	< 1190	ug/Kg		7/10/2014	15:17
1,2-Dichloroethane	< 1190	ug/Kg		7/10/2014	15:17
1,2-Dichloropropane	< 1190	ug/Kg		7/10/2014	15:17
1,3-Dichlorobenzene	< 1190	ug/Kg		7/10/2014	15:17
1,4-Dichlorobenzene	< 1190	ug/Kg		7/10/2014	15:17
1,4-dioxane	< 11900	ug/Kg		7/10/2014	15:17
2-Butanone	< 5940	ug/Kg		7/10/2014	15:17
2-Hexanone	< 2970	ug/Kg		7/10/2014	15:17
4-Methyl-2-pentanone	< 2970	ug/Kg		7/10/2014	15:17
Acetone	< 5940	ug/Kg		7/10/2014	15:17
Benzene	< 1190	ug/Kg		7/10/2014	15:17
Bromochloromethane	< 2970	ug/Kg		7/10/2014	15:17
Bromodichloromethane	< 1190	ug/Kg		7/10/2014	15:17
Bromoform	< 2970	ug/Kg		7/10/2014	15:17
Bromomethane	< 1190	ug/Kg		7/10/2014	15:17
Carbon disulfide	< 1190	ug/Kg		7/10/2014	15:17
Carbon Tetrachloride	< 1190	ug/Kg		7/10/2014	15:17

PARADIGM
ENVIRONMENTAL SERVICES, INC

Lab Project ID: 142867

Client: EGMS

Project Reference: Soil Analysis

Sample Identifier: AWSS-3
Lab Sample ID: 142867-03 **Date Sampled:** 7/8/2014
Matrix: Soil **Date Received:** 7/9/2014

Chlorobenzene	< 1190	ug/Kg	7/10/2014	15:17
Chloroethane	< 1190	ug/Kg	7/10/2014	15:17
Chloroform	< 1190	ug/Kg	7/10/2014	15:17
Chloromethane	< 1190	ug/Kg	7/10/2014	15:17
cis-1,2-Dichloroethene	< 1190	ug/Kg	7/10/2014	15:17
cis-1,3-Dichloropropene	< 1190	ug/Kg	7/10/2014	15:17
Cyclohexane	< 5940	ug/Kg	7/10/2014	15:17
Dibromochloromethane	< 1190	ug/Kg	7/10/2014	15:17
Dichlorodifluoromethane	< 1190	ug/Kg	7/10/2014	15:17
Ethylbenzene	< 1190	ug/Kg	7/10/2014	15:17
Freon 113	< 1190	ug/Kg	7/10/2014	15:17
Isopropylbenzene	< 1190	ug/Kg	7/10/2014	15:17
m,p-Xylene	< 1190	ug/Kg	7/10/2014	15:17
Methyl acetate	< 1190	ug/Kg	7/10/2014	15:17
Methyl tert-butyl Ether	< 1190	ug/Kg	7/10/2014	15:17
Methylcyclohexane	< 1190	ug/Kg	7/10/2014	15:17
Methylene chloride	< 2970	ug/Kg	7/10/2014	15:17
o-Xylene	< 1190	ug/Kg	7/10/2014	15:17
Styrene	< 2970	ug/Kg	7/10/2014	15:17
Tetrachloroethene	**89300**	ug/Kg	7/10/2014	15:17
Toluene	< 1190	ug/Kg	7/10/2014	15:17
trans-1,2-Dichloroethene	< 1190	ug/Kg	7/10/2014	15:17
trans-1,3-Dichloropropene	< 1190	ug/Kg	7/10/2014	15:17
Trichloroethene	< 1190	ug/Kg	7/10/2014	15:17
Trichlorofluoromethane	< 1190	ug/Kg	7/10/2014	15:17
Vinyl chloride	< 1190	ug/Kg	7/10/2014	15:17

PARADIGM
ENVIRONMENTAL SERVICES, INC

Lab Project ID: 142867

Client: EGMS

Project Reference: Soil Analysis

Sample Identifier:	AWSS-3		
Lab Sample ID:	142867-03	**Date Sampled:**	7/8/2014
Matrix:	Soil	**Date Received:**	7/9/2014

Method Reference(s): EPA 8260C
EPA 5035A

Data File: x14873.D

Any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

PARADIGM

CHAIN OF CUSTODY

REPORT TO:	INVOICE TO:	
CLIENT: EG+MS	CLIENT: Same	LAB PROJECT ID 142867
ADDRESS: 15 Briar Hill Road	ADDRESS:	
CITY: Orchard Park STATE: NY ZIP: 14127	CITY: STATE: ZIP:	Quotation #:
PHONE: 716-445-2105	PHONE:	Email:
ATTN: Norm Wohlabaugh	ATTN:	

PROJECT REFERENCE: Soil Analysis per JH 7/9

Matrix Codes: AQ - Aqueous Liquid; NQ - Non-Aqueous Liquid; WA - Water; WG - Groundwater; DW - Drinking Water; WW - Wastewater; SO - Soil; SL - Sludge; SD - Solid; PT - Paint; WP - Wipe; CK - Caulk; OL - Oil; AR - Air

REQUESTED ANALYSIS: TCL VOCs 8260

	DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	TCL VOCs 8260	REMARKS	PARADIGM LAB SAMPLE NUMBER
1	7/8/14	11:20		X	AWSS-1	SO	1	X		01
2	7/8/14	11:30		X	AWSS-2	SO	1	X		02
3	7/8/14	11:45		X	AWSS-3	SO	1	X		03
4										
5										
6										
7										
8										
9										
10									2°C iced by [illegible]	

Turnaround Time		Report Supplements			
Availability contingent upon lab approval; additional fees may apply.					
Standard 5 day	☐	Batch QC	☒	Basic EDD	☐
Rush 3 day	☒	Category A	☐	NYSDEC EDD	☒
Rush 2 day	☐	Category B	☐		
Rush 1 day	☐				
Other please indicate:	☐	Other please indicate:	☐	Other EDD please indicate:	☐

Due 7/11 per JH

Sampled By: N K Wohlabaugh — Date/Time: 7/8/14

Relinquished By: [signature] — Date/Time: 7/8/14 2:00

Received By: [signature] — Date/Time: 7/8/14 14:45

Received @ Lab By: [signature] — Date/Time: 7/9/14 1158

Total Cost:

P.I.F.

2015/2016 REMEDIAL INVESTIGATION

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

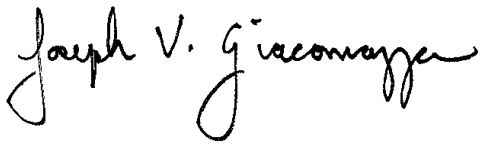
ANALYTICAL REPORT

Job Number: 480-89294-1

Job Description: Highland Plaza Project

For:
Environmental & Geologic Management Serv
15 Briar Hill Road
Orchard Park, NY 14127

Attention: Mr. Norm Wohlabaugh



Approved for release.
Joe V Giacomazza
Project Management Assistant II
2/22/2016 1:25 PM

Designee for
Brian J Fischer, Manager of Project Management
10 Hazelwood Drive, Amherst, NY, 14228-2298
(716)504-9835
brian.fischer@testamericainc.com
02/22/2016

The test results in this report meet all NELAP requirements for analytes for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this test report should be directed to the TestAmerica Project Manager who has signed this report.

TestAmerica Buffalo NELAC Certifications: CADPH 01169CA, FLDOH E87672, ILEPA 200003, KSDOH E-10187, LADEQ 30708, MDH 036-999-337, NHELAP 2973, NJDEP NY455, NHDOH 10026, ORELAP NY200003, PADEP 68-00281, TXCEQ T-104704412-10-1

Job Narrative
480-89294-1

Comments
No additional comments.

Receipt
The samples were received on 10/16/2015 11:35 AM, 10/16/2015 4:55 PM and 10/19/2015 1:45 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 6 coolers at receipt time were 5.0º C, 5.0º C, 5.0º C, 5.2º C, 5.3º C and 5.3º C.

Receipt Exceptions

The following samples were received outside of Terracore freezer holding time: SB-16 6-12 (480-89294-1), SB-16 23-24 (480-89294-2) and Field Duplicate #1 (480-89322-5).

The COC indicates a full suite of analyses for SB-19 23-24. Only volatile samples were received. Only volatile analyses are assigned.

GC/MS VOA
Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-269506 recovered above the upper control limit for 2-Butanone. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported. The following samples are impacted: SB-29 17-22 (480-89322-1), SB-29 7-8 (480-89322-2) and SB-25 6-7 (480-89322-4).

Method(s) 8260C: The method blank for 480-269508 contained Tetrachloroethene above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed. The following samples are impacted: SB-29 17-22 (480-89322-1), SB-29 7-8 (480-89322-2) and SB-25 6-7 (480-89322-4)

Method(s) 8260C: The continuing calibration verification (CCV) analyzed in batch 480-269346 was outside the method criteria for the following analyte: 2-Butanone (MEK). As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated. The following samples are impacted: SB-21 12"-20" (480-89324-3).

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-269346 recovered above the upper control limit for 2-Butanone (MEK). The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported. The following samples are impacted: SB-20 7'-8' (480-89324-2), SB-21 7'-8' (480-89324-4), SB-22 6"-8" (480-89324-5), SB-22 7'-8' (480-89324-6), SB-23 17"-24" (480-89324-7), SB-23 6'-7' (480-89324-8), SB-24 14'-15' (480-89324-10), SB-24 23'-24' (480-89324-11) and SB-27 23'-24' (480-89324-13).

Method(s) 8260C: The method blank for preparation batch 480-269355 and analytical batch 480-269346 contained Toluene above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-analysis of samples was not performed. The following samples are impacted: SB-20 7'-8' (480-89324-2), SB-21 12"-20" (480-89324-3), SB-21 7'-8' (480-89324-4), SB-22 6"-8" (480-89324-5), SB-22 7'-8' (480-89324-6), SB-23 17"-24" (480-89324-7), SB-23 6'-7' (480-89324-8), SB-24 14'-15' (480-89324-10), SB-24 23'-24' (480-89324-11) and SB-27 23'-24' (480-89324-13).

Method(s) 8260C: The method blank for preparation batch 480-269831 and 480-269831 and analytical batch 480-269793 contained Acetone, Methylene Chloride, and Tetrachloroethene above the method detection limit. These target analyte concentrations were less than the reporting limit (RL); therefore, re-analysis of samples was not performed.SB-16 6-12 (480-89294-1), SB-16 23-24 (480-89294-2), SB-17 6-12 (480-89294-3), SB-17 23-24 (480-89294-4), Field Duplicate #1 (480-89294-5), SB-18 12-18 (480-89294-6), SB-18 7-8 (480-89294-7), SB-19 23-24 (480-89294-9) and SB-26 17-22 (480-89322-5)

Method(s) 8260C: Internal standard (ISTD) response for the following sample was outside control limits in batch 480-269793 : SB-26 17-22 (480-89322-5). The original set of data had carry-over contamination and no more volume remains for re-analysis by the low level method.

Method(s) 8260C: The following samples were preserved via freezing on 10/16/15 at 11:50: SB-16 6-12 (480-89294-1), SB-16 23-24 (480-89294-2) and Field Duplicate #1 (480-89294-5) . This is outside the 48 hour time frame required by the method.

Method(s) 8260C: Surrogate recovery for the following sample was outside control limits: SB-20 6"-8" (480-89324-1). Re-extraction and/or re-analysis was performed with concurring results. The second analysis has been reported.

Method(s) 8260C: The method blank for 480-269966, 480-269966 and 480-269966 contained Methylene Chloride and Acetone above the method detection limit. These target analytes concentration were less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed. The following samples are impacted: SB-26 7-8 (480-89322-6), SB-28 10-22 (480-89322-7), SB-20 6"-8" (480-89324-1), SB-27 0"-14" (480-89324-12), SB-27 14'-15' (480-89324-14), AWSS6- 0"-4" (480-89379-1), AWSS7- 0"-4" (480-89379-2), FIELD DUPLICATE 2 (480-89379-3), AWSS9- 0"-4" (480-89379-5) and AWSS10- 0"-4" (480-89379-6)

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-269965 recovered above the upper control limit for 2-Butanone. The samples associated with this CCV were not detected above the reporting limit for the affected analyte; therefore, the data have been reported. The following samples are impacted: SB-26 7-8 (480-89322-6), SB-28 10-22 (480-89322-7), SB-28 7-8 (480-89322-8), SB-20 6"-8" (480-89324-1), SB-27 0"-14" (480-89324-12), SB-27 14'-15' (480-89324-14), AWSS6- 0"-4" (480-89379-1),

AWSS7- 0"-4" (480-89379-2), FIELD DUPLICATE 2 (480-89379-3), AWSS9- 0"-4" (480-89379-5) and AWSS10- 0"-4" (480-89379-6).

Method(s) 8260C: Surrogate recovery for the following sample was outside control limits: AWSS9- 0"-4" (480-89379-5). Re-analysis was performed with concurring results. The original analysis has been reported.

Method(s) 8260C: The method blank for preparation batch 480-270108 and 480-270108 and analytical batch 480-270059 contained Methylene Chloride and Total xylenes above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-analysis of samples was not performed.SB-19 6-18 (480-89294-8), AWSS8- 0"-4" (480-89379-4) and AWSS11- 0"-4" (480-89379-7)

Method(s) 8260C: The laboratory control sample (LCS) for batch 480-270059 exceeded control limits for the following analyte: 2-Butanone. Unlike the calibration standards, this is due to the co-elution with Ethyl Acetate in the spiking solution. This does not indicate a performance issue with the spike recovery, but rather the laboratory's ability to measure the two analytes together in a combined spiking solution. Through the use of spectral analysis, the two compounds can be distinguished from one another if present in a client sample. The following samples are impacted: SB-19 6-18 (480-89294-8), AWSS8- 0"-4" (480-89379-4) and AWSS11- 0"-4" (480-89379-7).

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-270059 recovered above the upper control limit for 2-Butanone (MEK). The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported. The following samples are impacted: SB-19 6-18 (480-89294-8), AWSS8- 0"-4" (480-89379-4) and AWSS11- 0"-4" (480-89379-7).

Method(s) 8260C: The method blank for preparation batch 480-270108 and analytical batch 480-270059 contained Xylenes, Total above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed. AWSS8- 0"-4" (480-89379-4) and AWSS11- 0"-4" (480-89379-7)

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-271045 recovered outside acceptance criteria, low biased, for 2-Butanone (MEK). A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported.

Method(s) 8260C: The following samples were analyzed using medium level soil analysis and diluted to bring the concentration of target analytes within the calibration range: SB-25 16-20 (480-89322-3), SB-26 17-22 (480-89322-5) and SB-24 6"-14" (480-89324-9). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following samples were analyzed medium level and diluted to bring the concentration of target analytes within the calibration range: SB-29 7-8 (480-89322-2), SB-25 6-7 (480-89322-4), SB-23 17"-24" (480-89324-7) and SB-23 6'-7' (480-89324-8). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: cis-1,2-Dichloroethene was detected in the sample at a concentration above the linear range of the initial calibration curve. Due to the high dilution dictated by other target compounds, this analyte was diluted below the reporting limit (RL) in the medium level analysis of the sample. Therefore, the value being reported is from the original analysis and is qualified with an E flag. The following sample is impacted SB-27 23'-24' (480-89324-13).

Method(s) 8260C: The following samples was analyzed medium level and diluted to bring the concentration of target analytes within the calibration range: SB-19 6-18 (480-89294-8), SB-25 16-20 (480-89322-3), SB-24 6"-14" (480-89324-9) and SB-27 23'-24' (480-89324-13). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following samples was analyzed medium level analysis and diluted to bring the concentration of target analytes within the calibration range: SB-24 14'-15' (480-89324-10) and SB-24 23'-24' (480-89324-11). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-271477 recovered outside acceptance criteria, low biased, for Vinyl chloride. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported. The following samples are impacted: SB-24 14'-15' (480-89324-10) and SB-24 23'-24' (480-89324-11).

Method(s) 8260C: cis-1,2-Dichloroethene and Trichloroethene were detected in sample SB-25 6-7 (480-89322-4) at a concentration above the range of the initial calibration curve. Due to the high dilution dictated by other target compounds, these analytes were diluted out in the re-analysis of the sample. Therefore, the value being reported is from the original analysis and is qualified with an E flag.

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-271723 recovered outside acceptance criteria, low biased, for 1,1,1-Trichloroethane. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported. The following sample is impacted: SB-26 17-22 (480-89322-5).

Method(s) 8260C: The following sample was analyzed medium level due to limited low level volume: SB-26 17-22 (480-89322-5).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
Method(s) 8270D: The following samples were diluted due to color and viscosity: SB-28 10-22 (480-89322-7), SB-24 6"-14" (480-89324-9) and SB-27 0"-14" (480-89324-12). As such, surrogate recoveries are below the calibration range or are not reported, and elevated reporting limits (RLs) are provided.

Method(s) 8270D: The following samples was diluted due to the nature of the sample matrix : SB-28 10-22 (480-89322-7[MS]) and SB-28 10-22 (480-89322-7[MSD]). As such, surrogate and MS/MSD spike recoveries were diluted out and are not reported.

Method(s) 8270D: The following samples required a dilution due to color and viscosity: AWSS6- 0"-4" (480-89379-1), AWSS7- 0"-4" (480-89379-2), AWSS9- 0"-4" (480-89379-5) and AWSS11- 0"-4" (480-89379-7). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA
Method(s) 8081B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method(s) 8081B: The following samples were diluted due to the nature of the sample matrix: SB-28 10-22 (480-89322-7), SB-28 10-22 (480-89322-7[MS]), SB-28 10-22 (480-89322-7[MSD]) and SB-24 23'-24' (480-89324-11). Elevated reporting limits (RLs) are provided.

Method(s) 8081B: The following samples were diluted due to the nature of the sample matrix: SB-24 6"-14" (480-89324-9) and SB-27 0"-14" (480-89324-12). As such, surrogate recoveries are below the calibration range or are not reported, and elevated reporting limits (RLs) are provided.

Method(s) 8081B: The following samples were diluted due the color of the sample and the nature of the sample matrix: AWSS6- 0"-4" (480-89379-1), AWSS7- 0"-4" (480-89379-2), AWSS9- 0"-4" (480-89379-5) and AWSS11- 0"-4" (480-89379-7). As such, surrogate recoveries are below the calibration range or are not reported, and elevated reporting limits (RLs) are provided.

Method(s) 8081B: The following samples were diluted due to the color of the sample and the nature of the sample matrix: AWSS6- 0"-4" (480-89379-1). As such, surrogate and MS/MSD spike recoveries were diluted out and are not reported.

Method(s) 8081B: All primary data is reported from the RTX-CLP-I column.

Method(s) 8081B: All primary data is reported from the RTX-CLP-II column.

Method(s) 8081B: All primary data is reported from the RTX-CLP-I column.

Method(s) 8081B: All primary data is reported from the RTX-CLP-II column.

Method(s) 8082A: All primary data is reported from the ZB-35 column.

Method(s) 8082A: All primary data is reported from the ZB-35 column.

Method(s) 8082A: All primary data is reported from the ZB-35 column.

Method(s) 8082A: All primary data is reported from the ZB-35 column.

Method(s) 8151A: All primary data is reported from the RTX-CLP-Icolumn.

Method(s) 8151A: All primary data is reported from the RTX-CLP-I column.

Method(s) 8151A: All primary data is reported from the RTX-CLP-I column.

Method(s) 8151A: All primary data is reported from the RTX-CLP-I column.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals
Method(s) 6010C: The recovery of Post Spike, (480-89379-A-1-B PDS), in batch 480-269866 exhibited results outside the quality control limits for Total Manganese. However, the Serial Dilution of this sample was compliant. Therefore, no corrective action was necessary.

Method(s) 6010C: The Serial Dilution and Post Spike (480-89379-A-1-B PDS) and (480-89379-A-1-B SD ^) exceeded the quality control limits for Total Zinc. Sample matrix is suspected, therefore, no corrective action was necessary.

Method(s) 6010C: The Serial Dilution and Post Spike (480-89294-F-8-G PDS) and (480-89294-F-8-G SD ^) exceeded the quality control limits for Total Zinc. Sample matrix is suspected, therefore, no corrective action was necessary.

Method(s) 6010C: The recovery of Post Spike, (480-89294-F-8-G PDS), in batch 480-269600 exhibited results outside the quality control limits for Total Manganese. However, the Serial Dilution of this sample was compliant. Therefore, no corrective action was necessary.

Method(s) 6010C: The following sample was diluted due to the presence of Calcium which interferes with Total Copper: SB-24 6"-14" (480-89324-9). Elevated reporting limits (RLs) are provided.

Method(s) 6010C: The Serial Dilution (480-89322-F-7-C SD ^) in batch 480-269596 , exhibited a result outside the quality control limits for Total Beryllium. However, the Post Digestion Spike was compliant so no corrective action was necessary.

Method(s) 6010C: The recovery of Post Spike, (480-89322-F-7-C PDS), in batch 480-269596 exhibited results outside the quality control limits for Total Barium. However, the Serial Dilution of this sample was compliant. Therefore, no corrective action was necessary.

Method(s) 6010C: The Serial Dilution and Post Spike (480-89322-F-7-C PDS) and (480-89322-F-7-C SD ^) exceeded the quality control limits for Total Manganese and Zinc. Sample matrix is suspected, therefore, no corrective action was necessary.

Method(s) 7471B: The %RPD of the laboratory control sample (LCSSRM) and laboratory control standard duplicate (LCDSRM) for preparation batch 480-269565 recovered outside control limits for the following analytes: Total Mercury. The LCSSRM and the LCDSRM passed the QC acceptance criteria, therefore no corrective action was needed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep
Method(s) 3550C: The following samples required a Florisil clean-up, via EPA Method 3620C, to reduce matrix interferences: SB-28 10-22 (480-89322-7), SB-28 10-22 (480-89322-7[MS]), SB-28 10-22 (480-89322-7[MSD]), SB-24 6"-14" (480-89324-9) and SB-27 0"-14" (480-89324-12).

Method(s) 3550C: The following samples required a Florisil clean-up, via EPA Method 3620C, to reduce matrix interferences: AWSS6- 0"-4" (480-89379-1), AWSS7- 0"-4" (480-89379-2), AWSS9- 0"-4" (480-89379-5), AWSS11- 0"-4" (480-89379-7), (480-89379-B-1 MS) and (480-89379-B-1 MSD).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Sample Summary

Client: Environmental & Geologic Management Serv
Project/Site: Highland Plaza Project

TestAmerica Job ID: 480-89294-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-89294-1	SB-16 6-12	Solid	10/14/15 10:30	10/16/15 11:35
480-89294-2	SB-16 23-24	Solid	10/14/15 11:40	10/16/15 11:35
480-89294-3	SB-17 6-12	Solid	10/14/15 13:00	10/16/15 11:35
480-89294-4	SB-17 23-24	Solid	10/14/15 13:40	10/16/15 11:35
480-89294-5	Field Duplicate #1	Solid	10/14/15 00:00	10/16/15 11:35
480-89294-6	SB-18 12-18	Solid	10/14/15 16:00	10/16/15 11:35
480-89294-7	SB-18 7-8	Solid	10/14/15 16:15	10/16/15 11:35
480-89294-8	SB-19 6-18	Solid	10/14/15 14:30	10/16/15 11:35
480-89294-9	SB-19 23-24	Solid	10/14/15 15:10	10/16/15 11:35
480-89322-1	SB-29 17-22	Solid	10/16/15 08:20	10/16/15 16:55
480-89322-2	SB-29 7-8	Solid	10/16/15 08:30	10/16/15 16:55
480-89322-3	SB-25 16-20	Solid	10/16/15 09:00	10/16/15 16:55
480-89322-4	SB-25 6-7	Solid	10/16/15 09:10	10/16/15 16:55
480-89322-5	SB-26 17-22	Solid	10/16/15 09:20	10/16/15 16:55
480-89322-6	SB-26 7-8	Solid	10/16/15 09:30	10/16/15 16:55
480-89322-7	SB-28 10-22	Solid	10/16/15 09:45	10/16/15 16:55
480-89322-8	SB-28 7-8	Solid	10/16/15 09:58	10/16/15 16:55
480-89324-1	SB-20 6"-8"	Solid	10/15/15 09:30	10/16/15 16:55
480-89324-2	SB-20 7'-8'	Solid	10/15/15 09:40	10/16/15 16:55
480-89324-3	SB-21 12"-20"	Solid	10/15/15 09:50	10/16/15 16:55
480-89324-4	SB-21 7'-8'	Solid	10/15/15 10:00	10/16/15 16:55
480-89324-5	SB-22 6"-8"	Solid	10/15/15 10:10	10/16/15 16:55
480-89324-6	SB-22 7'-8'	Solid	10/15/15 10:35	10/16/15 16:55
480-89324-7	SB-23 17"-24"	Solid	10/15/15 10:50	10/16/15 16:55
480-89324-8	SB-23 6'-7'	Solid	10/15/15 11:10	10/16/15 16:55
480-89324-9	SB-24 6"-14"	Solid	10/15/15 11:20	10/16/15 16:55
480-89324-10	SB-24 14'-15'	Solid	10/15/15 13:05	10/16/15 16:55
480-89324-11	SB-24 23'-24'	Solid	10/15/15 13:15	10/16/15 16:55
480-89324-12	SB-27 0"-14"	Solid	10/15/15 11:40	10/16/15 16:55
480-89324-13	SB-27 23'-24'	Solid	10/15/15 14:25	10/16/15 16:55
480-89324-14	SB-27 14'-15'	Solid	10/15/15 14:05	10/16/15 16:55
480-89379-1	AWSS6- 0"-4"	Solid	10/18/15 09:35	10/19/15 13:45
480-89379-2	AWSS7- 0"-4"	Solid	10/18/15 09:55	10/19/15 13:45
480-89379-3	FIELD DUPLICATE 2	Solid	10/18/15 00:00	10/19/15 13:45
480-89379-4	AWSS8- 0"-4"	Solid	10/18/15 10:20	10/19/15 13:45
480-89379-5	AWSS9- 0"-4"	Solid	10/18/15 10:30	10/19/15 13:45
480-89379-6	AWSS10- 0"-4"	Solid	10/18/15 11:00	10/19/15 13:45
480-89379-7	AWSS11- 0"-4"	Solid	10/18/15 11:15	10/19/15 13:45

Method Summary

Client: Environmental & Geologic Management Serv
Project/Site: Highland Plaza Project

TestAmerica Job ID: 480-89294-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL BUF
8081B	Organochlorine Pesticides (GC)	SW846	TAL BUF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL BUF
8151A	Herbicides (GC)	SW846	TAL BUF
6010C	Metals (ICP)	SW846	TAL BUF
7471B	Mercury (CVAA)	SW846	TAL BUF
Moisture	Percent Moisture	EPA	TAL BUF

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Client Sample ID: SB-19 23-24

Lab Sample ID: 480-89294-9
Date Collected: 10/14/15 15:10
Matrix: Solid
Date Received: 10/16/15 11:35
Percent Solids: 86.6

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		3.6	0.45	ug/Kg	☼	10/16/15 11:50	10/20/15 20:11	1
Ethylbenzene	ND		3.6	0.25	ug/Kg	☼	10/16/15 11:50	10/20/15 20:11	1
Methyl tert-butyl ether	ND		3.6	0.35	ug/Kg	☼	10/16/15 11:50	10/20/15 20:11	1
Methylene Chloride	ND		3.6	1.6	ug/Kg	☼	10/16/15 11:50	10/20/15 20:11	1
n-Butylbenzene	ND		3.6	0.31	ug/Kg	☼	10/16/15 11:50	10/20/15 20:11	1
N-Propylbenzene	ND		3.6	0.28	ug/Kg	☼	10/16/15 11:50	10/20/15 20:11	1
sec-Butylbenzene	ND		3.6	0.31	ug/Kg	☼	10/16/15 11:50	10/20/15 20:11	1
tert-Butylbenzene	ND		3.6	0.37	ug/Kg	☼	10/16/15 11:50	10/20/15 20:11	1
Tetrachloroethene	**0.57**	**J B**	3.6	0.48	ug/Kg	☼	10/16/15 11:50	10/20/15 20:11	1
Toluene	ND		3.6	0.27	ug/Kg	☼	10/16/15 11:50	10/20/15 20:11	1
trans-1,2-Dichloroethene	ND		3.6	0.37	ug/Kg	☼	10/16/15 11:50	10/20/15 20:11	1
Trichloroethene	ND		3.6	0.78	ug/Kg	☼	10/16/15 11:50	10/20/15 20:11	1
Vinyl chloride	ND		3.6	0.43	ug/Kg	☼	10/16/15 11:50	10/20/15 20:11	1
Xylenes, Total	ND		7.1	0.60	ug/Kg	☼	10/16/15 11:50	10/20/15 20:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	103		60 - 140	10/16/15 11:50	10/20/15 20:11	1
1,2-Dichloroethane-d4 (Surr)	102		64 - 126	10/16/15 11:50	10/20/15 20:11	1
4-Bromofluorobenzene (Surr)	92		72 - 126	10/16/15 11:50	10/20/15 20:11	1
Toluene-d8 (Surr)	100		71 - 125	10/16/15 11:50	10/20/15 20:11	1

Client Sample ID: SB-29 17-22

Lab Sample ID: 480-89322-1
Date Collected: 10/16/15 08:20
Matrix: Solid
Date Received: 10/16/15 16:55
Percent Solids: 85.6

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		3.9	0.28	ug/Kg	☼	10/16/15 18:30	10/19/15 02:11	1
1,1-Dichloroethane	ND		3.9	0.48	ug/Kg	☼	10/16/15 18:30	10/19/15 02:11	1
1,1-Dichloroethene	ND		3.9	0.48	ug/Kg	☼	10/16/15 18:30	10/19/15 02:11	1
1,2,4-Trimethylbenzene	ND		3.9	0.75	ug/Kg	☼	10/16/15 18:30	10/19/15 02:11	1
1,2-Dichlorobenzene	ND		3.9	0.31	ug/Kg	☼	10/16/15 18:30	10/19/15 02:11	1
1,2-Dichloroethane	ND		3.9	0.20	ug/Kg	☼	10/16/15 18:30	10/19/15 02:11	1
1,3,5-Trimethylbenzene	ND		3.9	0.25	ug/Kg	☼	10/16/15 18:30	10/19/15 02:11	1
1,3-Dichlorobenzene	ND		3.9	0.20	ug/Kg	☼	10/16/15 18:30	10/19/15 02:11	1
1,4-Dichlorobenzene	ND		3.9	0.55	ug/Kg	☼	10/16/15 18:30	10/19/15 02:11	1
1,4-Dioxane	ND		78	17	ug/Kg	☼	10/16/15 18:30	10/19/15 02:11	1
2-Butanone (MEK)	ND		20	1.4	ug/Kg	☼	10/16/15 18:30	10/19/15 02:11	1
Acetone	**11**	**J**	20	3.3	ug/Kg	☼	10/16/15 18:30	10/19/15 02:11	1
Benzene	ND		3.9	0.19	ug/Kg	☼	10/16/15 18:30	10/19/15 02:11	1
Carbon tetrachloride	ND		3.9	0.38	ug/Kg	☼	10/16/15 18:30	10/19/15 02:11	1
Chlorobenzene	ND		3.9	0.52	ug/Kg	☼	10/16/15 18:30	10/19/15 02:11	1
Chloroform	ND		3.9	0.24	ug/Kg	☼	10/16/15 18:30	10/19/15 02:11	1
cis-1,2-Dichloroethene	ND		3.9	0.50	ug/Kg	☼	10/16/15 18:30	10/19/15 02:11	1
Ethylbenzene	ND		3.9	0.27	ug/Kg	☼	10/16/15 18:30	10/19/15 02:11	1
Methyl tert-butyl ether	ND		3.9	0.38	ug/Kg	☼	10/16/15 18:30	10/19/15 02:11	1
Methylene Chloride	ND		3.9	1.8	ug/Kg	☼	10/16/15 18:30	10/19/15 02:11	1
n-Butylbenzene	ND		3.9	0.34	ug/Kg	☼	10/16/15 18:30	10/19/15 02:11	1
N-Propylbenzene	ND		3.9	0.31	ug/Kg	☼	10/16/15 18:30	10/19/15 02:11	1
sec-Butylbenzene	ND		3.9	0.34	ug/Kg	☼	10/16/15 18:30	10/19/15 02:11	1

Client Sample ID: SB-29 17-22

Lab Sample ID: 480-89322-1
Date Collected: 10/16/15 08:20
Matrix: Solid
Date Received: 10/16/15 16:55
Percent Solids: 85.6

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	ND		3.9	0.41	ug/Kg	☼	10/16/15 18:30	10/19/15 02:11	1
Tetrachloroethene	**1.5**	**J B**	3.9	0.53	ug/Kg	☼	10/16/15 18:30	10/19/15 02:11	1
Toluene	ND		3.9	0.30	ug/Kg	☼	10/16/15 18:30	10/19/15 02:11	1
trans-1,2-Dichloroethene	ND		3.9	0.40	ug/Kg	☼	10/16/15 18:30	10/19/15 02:11	1
Trichloroethene	ND		3.9	0.86	ug/Kg	☼	10/16/15 18:30	10/19/15 02:11	1
Vinyl chloride	ND		3.9	0.48	ug/Kg	☼	10/16/15 18:30	10/19/15 02:11	1
Xylenes, Total	ND		7.8	0.66	ug/Kg	☼	10/16/15 18:30	10/19/15 02:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*104*		*60 - 140*	*10/16/15 18:30*	*10/19/15 02:11*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*64 - 126*	*10/16/15 18:30*	*10/19/15 02:11*	*1*
4-Bromofluorobenzene (Surr)	*96*		*72 - 126*	*10/16/15 18:30*	*10/19/15 02:11*	*1*
Toluene-d8 (Surr)	*101*		*71 - 125*	*10/16/15 18:30*	*10/19/15 02:11*	*1*

Client Sample ID: SB-29 7-8

Lab Sample ID: 480-89322-2
Date Collected: 10/16/15 08:30
Matrix: Solid
Date Received: 10/16/15 16:55
Percent Solids: 87.7

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		3.8	0.28	ug/Kg	☼	10/16/15 18:30	10/19/15 02:37	1
1,1-Dichloroethane	ND		3.8	0.46	ug/Kg	☼	10/16/15 18:30	10/19/15 02:37	1
1,1-Dichloroethene	**0.50**	**J**	3.8	0.47	ug/Kg	☼	10/16/15 18:30	10/19/15 02:37	1
1,2,4-Trimethylbenzene	ND		3.8	0.73	ug/Kg	☼	10/16/15 18:30	10/19/15 02:37	1
1,2-Dichlorobenzene	ND		3.8	0.30	ug/Kg	☼	10/16/15 18:30	10/19/15 02:37	1
1,2-Dichloroethane	ND		3.8	0.19	ug/Kg	☼	10/16/15 18:30	10/19/15 02:37	1
1,3,5-Trimethylbenzene	ND		3.8	0.24	ug/Kg	☼	10/16/15 18:30	10/19/15 02:37	1
1,3-Dichlorobenzene	ND		3.8	0.20	ug/Kg	☼	10/16/15 18:30	10/19/15 02:37	1
1,4-Dichlorobenzene	ND		3.8	0.53	ug/Kg	☼	10/16/15 18:30	10/19/15 02:37	1
1,4-Dioxane	ND		76	17	ug/Kg	☼	10/16/15 18:30	10/19/15 02:37	1
2-Butanone (MEK)	ND		19	1.4	ug/Kg	☼	10/16/15 18:30	10/19/15 02:37	1
Acetone	**3.5**	**J**	19	3.2	ug/Kg	☼	10/16/15 18:30	10/19/15 02:37	1
Benzene	ND		3.8	0.19	ug/Kg	☼	10/16/15 18:30	10/19/15 02:37	1
Carbon tetrachloride	ND		3.8	0.37	ug/Kg	☼	10/16/15 18:30	10/19/15 02:37	1
Chlorobenzene	ND		3.8	0.50	ug/Kg	☼	10/16/15 18:30	10/19/15 02:37	1
Chloroform	ND		3.8	0.23	ug/Kg	☼	10/16/15 18:30	10/19/15 02:37	1
cis-1,2-Dichloroethene	**430**	**E**	3.8	0.49	ug/Kg	☼	10/16/15 18:30	10/19/15 02:37	1
Ethylbenzene	ND		3.8	0.26	ug/Kg	☼	10/16/15 18:30	10/19/15 02:37	1
Methyl tert-butyl ether	ND		3.8	0.37	ug/Kg	☼	10/16/15 18:30	10/19/15 02:37	1
Methylene Chloride	ND		3.8	1.7	ug/Kg	☼	10/16/15 18:30	10/19/15 02:37	1
n-Butylbenzene	ND		3.8	0.33	ug/Kg	☼	10/16/15 18:30	10/19/15 02:37	1
N-Propylbenzene	ND		3.8	0.30	ug/Kg	☼	10/16/15 18:30	10/19/15 02:37	1
sec-Butylbenzene	ND		3.8	0.33	ug/Kg	☼	10/16/15 18:30	10/19/15 02:37	1
tert-Butylbenzene	ND		3.8	0.40	ug/Kg	☼	10/16/15 18:30	10/19/15 02:37	1
Tetrachloroethene	**2000**	**E B**	3.8	0.51	ug/Kg	☼	10/16/15 18:30	10/19/15 02:37	1
Toluene	ND		3.8	0.29	ug/Kg	☼	10/16/15 18:30	10/19/15 02:37	1
trans-1,2-Dichloroethene	**1.2**	**J**	3.8	0.39	ug/Kg	☼	10/16/15 18:30	10/19/15 02:37	1
Trichloroethene	**200**	**E**	3.8	0.84	ug/Kg	☼	10/16/15 18:30	10/19/15 02:37	1
Vinyl chloride	ND		3.8	0.46	ug/Kg	☼	10/16/15 18:30	10/19/15 02:37	1
Xylenes, Total	ND		7.6	0.64	ug/Kg	☼	10/16/15 18:30	10/19/15 02:37	1

Client Sample ID: SB-29 7-8
Lab Sample ID: 480-89322-2

Date Collected: 10/16/15 08:30
Matrix: Solid
Date Received: 10/16/15 16:55
Percent Solids: 87.7

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	*105*		*60 - 140*	*10/16/15 18:30*	*10/19/15 02:37*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*64 - 126*	*10/16/15 18:30*	*10/19/15 02:37*	*1*
4-Bromofluorobenzene (Surr)	*96*		*72 - 126*	*10/16/15 18:30*	*10/19/15 02:37*	*1*
Toluene-d8 (Surr)	*93*		*71 - 125*	*10/16/15 18:30*	*10/19/15 02:37*	*1*

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		460	130	ug/Kg	☼	10/16/15 18:30	10/26/15 14:16	10
1,1-Dichloroethane	ND		460	140	ug/Kg	☼	10/16/15 18:30	10/26/15 14:16	10
1,1-Dichloroethene	ND		460	160	ug/Kg	☼	10/16/15 18:30	10/26/15 14:16	10
1,2,4-Trimethylbenzene	**250**	**J**	460	130	ug/Kg	☼	10/16/15 18:30	10/26/15 14:16	10
1,2-Dichlorobenzene	ND		460	120	ug/Kg	☼	10/16/15 18:30	10/26/15 14:16	10
1,2-Dichloroethane	ND		460	190	ug/Kg	☼	10/16/15 18:30	10/26/15 14:16	10
1,3,5-Trimethylbenzene	ND		460	140	ug/Kg	☼	10/16/15 18:30	10/26/15 14:16	10
1,3-Dichlorobenzene	ND		460	120	ug/Kg	☼	10/16/15 18:30	10/26/15 14:16	10
1,4-Dichlorobenzene	ND		460	65	ug/Kg	☼	10/16/15 18:30	10/26/15 14:16	10
1,4-Dioxane	ND		8800	2400	ug/Kg	☼	10/16/15 18:30	10/26/15 14:16	10
2-Butanone (MEK)	ND		2300	1400	ug/Kg	☼	10/16/15 18:30	10/26/15 14:16	10
Acetone	ND		2300	1900	ug/Kg	☼	10/16/15 18:30	10/26/15 14:16	10
Benzene	ND		460	88	ug/Kg	☼	10/16/15 18:30	10/26/15 14:16	10
Carbon tetrachloride	ND		460	120	ug/Kg	☼	10/16/15 18:30	10/26/15 14:16	10
Chlorobenzene	ND		460	61	ug/Kg	☼	10/16/15 18:30	10/26/15 14:16	10
Chloroform	ND		460	320	ug/Kg	☼	10/16/15 18:30	10/26/15 14:16	10
cis-1,2-Dichloroethene	**1200**		460	130	ug/Kg	☼	10/16/15 18:30	10/26/15 14:16	10
Ethylbenzene	ND		460	140	ug/Kg	☼	10/16/15 18:30	10/26/15 14:16	10
Methyl tert-butyl ether	ND		460	180	ug/Kg	☼	10/16/15 18:30	10/26/15 14:16	10
Methylene Chloride	ND		460	92	ug/Kg	☼	10/16/15 18:30	10/26/15 14:16	10
n-Butylbenzene	ND		460	140	ug/Kg	☼	10/16/15 18:30	10/26/15 14:16	10
N-Propylbenzene	ND		460	120	ug/Kg	☼	10/16/15 18:30	10/26/15 14:16	10
sec-Butylbenzene	ND		460	170	ug/Kg	☼	10/16/15 18:30	10/26/15 14:16	10
tert-Butylbenzene	ND		460	130	ug/Kg	☼	10/16/15 18:30	10/26/15 14:16	10
Tetrachloroethene	**18000**		460	62	ug/Kg	☼	10/16/15 18:30	10/26/15 14:16	10
Toluene	ND		460	120	ug/Kg	☼	10/16/15 18:30	10/26/15 14:16	10
trans-1,2-Dichloroethene	ND		460	110	ug/Kg	☼	10/16/15 18:30	10/26/15 14:16	10
Trichloroethene	**590**		460	130	ug/Kg	☼	10/16/15 18:30	10/26/15 14:16	10
Vinyl chloride	ND		460	160	ug/Kg	☼	10/16/15 18:30	10/26/15 14:16	10
Xylenes, Total	ND		930	260	ug/Kg	☼	10/16/15 18:30	10/26/15 14:16	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	*97*		*60 - 140*	*10/16/15 18:30*	*10/26/15 14:16*	*10*
1,2-Dichloroethane-d4 (Surr)	*87*		*53 - 146*	*10/16/15 18:30*	*10/26/15 14:16*	*10*
4-Bromofluorobenzene (Surr)	*101*		*49 - 148*	*10/16/15 18:30*	*10/26/15 14:16*	*10*
Toluene-d8 (Surr)	*103*		*50 - 149*	*10/16/15 18:30*	*10/26/15 14:16*	*10*

Client Sample ID: SB-25 16-20
Lab Sample ID: 480-89322-3

Date Collected: 10/16/15 09:00
Matrix: Solid
Date Received: 10/16/15 16:55
Percent Solids: 83.5

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		460	130	ug/Kg	☼	10/16/15 18:30	10/26/15 14:43	10

Client Sample ID: SB-25 16-20
Lab Sample ID: 480-89322-3

Date Collected: 10/16/15 09:00
Matrix: Solid

Date Received: 10/16/15 16:55
Percent Solids: 83.5

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		460	140	ug/Kg	☼	10/16/15 18:30	10/26/15 14:43	10
1,1-Dichloroethene	ND		460	160	ug/Kg	☼	10/16/15 18:30	10/26/15 14:43	10
1,2,4-Trimethylbenzene	ND		460	130	ug/Kg	☼	10/16/15 18:30	10/26/15 14:43	10
1,2-Dichlorobenzene	ND		460	120	ug/Kg	☼	10/16/15 18:30	10/26/15 14:43	10
1,2-Dichloroethane	ND		460	190	ug/Kg	☼	10/16/15 18:30	10/26/15 14:43	10
1,3,5-Trimethylbenzene	ND		460	140	ug/Kg	☼	10/16/15 18:30	10/26/15 14:43	10
1,3-Dichlorobenzene	ND		460	120	ug/Kg	☼	10/16/15 18:30	10/26/15 14:43	10
1,4-Dichlorobenzene	ND		460	65	ug/Kg	☼	10/16/15 18:30	10/26/15 14:43	10
1,4-Dioxane	ND		8800	2400	ug/Kg	☼	10/16/15 18:30	10/26/15 14:43	10
2-Butanone (MEK)	ND		2300	1400	ug/Kg	☼	10/16/15 18:30	10/26/15 14:43	10
Acetone	ND		2300	1900	ug/Kg	☼	10/16/15 18:30	10/26/15 14:43	10
Benzene	ND		460	88	ug/Kg	☼	10/16/15 18:30	10/26/15 14:43	10
Carbon tetrachloride	ND		460	120	ug/Kg	☼	10/16/15 18:30	10/26/15 14:43	10
Chlorobenzene	ND		460	61	ug/Kg	☼	10/16/15 18:30	10/26/15 14:43	10
Chloroform	ND		460	320	ug/Kg	☼	10/16/15 18:30	10/26/15 14:43	10
cis-1,2-Dichloroethene	**1600**		460	130	ug/Kg	☼	10/16/15 18:30	10/26/15 14:43	10
Ethylbenzene	ND		460	140	ug/Kg	☼	10/16/15 18:30	10/26/15 14:43	10
Methyl tert-butyl ether	ND		460	180	ug/Kg	☼	10/16/15 18:30	10/26/15 14:43	10
Methylene Chloride	ND		460	92	ug/Kg	☼	10/16/15 18:30	10/26/15 14:43	10
n-Butylbenzene	ND		460	140	ug/Kg	☼	10/16/15 18:30	10/26/15 14:43	10
N-Propylbenzene	ND		460	120	ug/Kg	☼	10/16/15 18:30	10/26/15 14:43	10
sec-Butylbenzene	ND		460	170	ug/Kg	☼	10/16/15 18:30	10/26/15 14:43	10
tert-Butylbenzene	ND		460	130	ug/Kg	☼	10/16/15 18:30	10/26/15 14:43	10
Tetrachloroethene	**630000**	**E**	460	62	ug/Kg	☼	10/16/15 18:30	10/26/15 14:43	10
Toluene	ND		460	120	ug/Kg	☼	10/16/15 18:30	10/26/15 14:43	10
trans-1,2-Dichloroethene	ND		460	110	ug/Kg	☼	10/16/15 18:30	10/26/15 14:43	10
Trichloroethene	**1400**		460	130	ug/Kg	☼	10/16/15 18:30	10/26/15 14:43	10
Vinyl chloride	ND		460	160	ug/Kg	☼	10/16/15 18:30	10/26/15 14:43	10
Xylenes, Total	ND		930	260	ug/Kg	☼	10/16/15 18:30	10/26/15 14:43	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*101*		*60 - 140*	*10/16/15 18:30*	*10/26/15 14:43*	*10*
1,2-Dichloroethane-d4 (Surr)	*86*		*53 - 146*	*10/16/15 18:30*	*10/26/15 14:43*	*10*
4-Bromofluorobenzene (Surr)	*99*		*49 - 148*	*10/16/15 18:30*	*10/26/15 14:43*	*10*
Toluene-d8 (Surr)	*104*		*50 - 149*	*10/16/15 18:30*	*10/26/15 14:43*	*10*

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		37000	10000	ug/Kg	☼	10/16/15 18:30	10/27/15 01:12	800
1,1-Dichloroethane	ND		37000	11000	ug/Kg	☼	10/16/15 18:30	10/27/15 01:12	800
1,1-Dichloroethene	ND		37000	13000	ug/Kg	☼	10/16/15 18:30	10/27/15 01:12	800
1,2,4-Trimethylbenzene	ND		37000	10000	ug/Kg	☼	10/16/15 18:30	10/27/15 01:12	800
1,2-Dichlorobenzene	ND		37000	9500	ug/Kg	☼	10/16/15 18:30	10/27/15 01:12	800
1,2-Dichloroethane	ND		37000	15000	ug/Kg	☼	10/16/15 18:30	10/27/15 01:12	800
1,3,5-Trimethylbenzene	ND		37000	11000	ug/Kg	☼	10/16/15 18:30	10/27/15 01:12	800
1,3-Dichlorobenzene	ND		37000	9900	ug/Kg	☼	10/16/15 18:30	10/27/15 01:12	800
1,4-Dichlorobenzene	ND		37000	5200	ug/Kg	☼	10/16/15 18:30	10/27/15 01:12	800
1,4-Dioxane	ND		710000	190000	ug/Kg	☼	10/16/15 18:30	10/27/15 01:12	800
2-Butanone (MEK)	ND		190000	110000	ug/Kg	☼	10/16/15 18:30	10/27/15 01:12	800
Acetone	ND		190000	150000	ug/Kg	☼	10/16/15 18:30	10/27/15 01:12	800

Client Sample ID: SB-25 16-20
Lab Sample ID: 480-89322-3

Date Collected: 10/16/15 09:00
Matrix: Solid
Date Received: 10/16/15 16:55
Percent Solids: 83.5

Method: 8260C - Volatile Organic Compounds by GC/MS - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		37000	7100	ug/Kg	☼	10/16/15 18:30	10/27/15 01:12	800
Carbon tetrachloride	ND		37000	9500	ug/Kg	☼	10/16/15 18:30	10/27/15 01:12	800
Chlorobenzene	ND		37000	4900	ug/Kg	☼	10/16/15 18:30	10/27/15 01:12	800
Chloroform	ND		37000	26000	ug/Kg	☼	10/16/15 18:30	10/27/15 01:12	800
cis-1,2-Dichloroethene	ND		37000	10000	ug/Kg	☼	10/16/15 18:30	10/27/15 01:12	800
Ethylbenzene	ND		37000	11000	ug/Kg	☼	10/16/15 18:30	10/27/15 01:12	800
Methyl tert-butyl ether	ND		37000	14000	ug/Kg	☼	10/16/15 18:30	10/27/15 01:12	800
Methylene Chloride	ND		37000	7400	ug/Kg	☼	10/16/15 18:30	10/27/15 01:12	800
n-Butylbenzene	ND		37000	11000	ug/Kg	☼	10/16/15 18:30	10/27/15 01:12	800
N-Propylbenzene	ND		37000	9700	ug/Kg	☼	10/16/15 18:30	10/27/15 01:12	800
sec-Butylbenzene	ND		37000	14000	ug/Kg	☼	10/16/15 18:30	10/27/15 01:12	800
tert-Butylbenzene	ND		37000	10000	ug/Kg	☼	10/16/15 18:30	10/27/15 01:12	800
Tetrachloroethene	**1400000**		37000	5000	ug/Kg	☼	10/16/15 18:30	10/27/15 01:12	800
Toluene	ND		37000	10000	ug/Kg	☼	10/16/15 18:30	10/27/15 01:12	800
trans-1,2-Dichloroethene	ND		37000	8800	ug/Kg	☼	10/16/15 18:30	10/27/15 01:12	800
Trichloroethene	ND		37000	10000	ug/Kg	☼	10/16/15 18:30	10/27/15 01:12	800
Vinyl chloride	ND		37000	12000	ug/Kg	☼	10/16/15 18:30	10/27/15 01:12	800
Xylenes, Total	ND		74000	21000	ug/Kg	☼	10/16/15 18:30	10/27/15 01:12	800

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*106*		*60 - 140*	*10/16/15 18:30*	*10/27/15 01:12*	*800*
1,2-Dichloroethane-d4 (Surr)	*102*		*53 - 146*	*10/16/15 18:30*	*10/27/15 01:12*	*800*
4-Bromofluorobenzene (Surr)	*94*		*49 - 148*	*10/16/15 18:30*	*10/27/15 01:12*	*800*
Toluene-d8 (Surr)	*98*		*50 - 149*	*10/16/15 18:30*	*10/27/15 01:12*	*800*

Client Sample ID: SB-25 6-7
Lab Sample ID: 480-89322-4

Date Collected: 10/16/15 09:10
Matrix: Solid
Date Received: 10/16/15 16:55
Percent Solids: 88.2

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		3.4	0.24	ug/Kg	☼	10/16/15 18:30	10/19/15 03:29	1
1,1-Dichloroethane	ND		3.4	0.41	ug/Kg	☼	10/16/15 18:30	10/19/15 03:29	1
1,1-Dichloroethene	**2.9**	**J**	3.4	0.41	ug/Kg	☼	10/16/15 18:30	10/19/15 03:29	1
1,2,4-Trimethylbenzene	**1.5**	**J**	3.4	0.65	ug/Kg	☼	10/16/15 18:30	10/19/15 03:29	1
1,2-Dichlorobenzene	ND		3.4	0.26	ug/Kg	☼	10/16/15 18:30	10/19/15 03:29	1
1,2-Dichloroethane	ND		3.4	0.17	ug/Kg	☼	10/16/15 18:30	10/19/15 03:29	1
1,3,5-Trimethylbenzene	**0.71**	**J**	3.4	0.22	ug/Kg	☼	10/16/15 18:30	10/19/15 03:29	1
1,3-Dichlorobenzene	ND		3.4	0.17	ug/Kg	☼	10/16/15 18:30	10/19/15 03:29	1
1,4-Dichlorobenzene	ND		3.4	0.47	ug/Kg	☼	10/16/15 18:30	10/19/15 03:29	1
1,4-Dioxane	ND		67	15	ug/Kg	☼	10/16/15 18:30	10/19/15 03:29	1
2-Butanone (MEK)	ND		17	1.2	ug/Kg	☼	10/16/15 18:30	10/19/15 03:29	1
Acetone	**45**		17	2.8	ug/Kg	☼	10/16/15 18:30	10/19/15 03:29	1
Benzene	ND		3.4	0.16	ug/Kg	☼	10/16/15 18:30	10/19/15 03:29	1
Carbon tetrachloride	ND		3.4	0.33	ug/Kg	☼	10/16/15 18:30	10/19/15 03:29	1
Chlorobenzene	ND		3.4	0.44	ug/Kg	☼	10/16/15 18:30	10/19/15 03:29	1
Chloroform	**1.3**	**J**	3.4	0.21	ug/Kg	☼	10/16/15 18:30	10/19/15 03:29	1
cis-1,2-Dichloroethene	**290**	**E**	3.4	0.43	ug/Kg	☼	10/16/15 18:30	10/19/15 03:29	1
Ethylbenzene	ND		3.4	0.23	ug/Kg	☼	10/16/15 18:30	10/19/15 03:29	1
Methyl tert-butyl ether	ND		3.4	0.33	ug/Kg	☼	10/16/15 18:30	10/19/15 03:29	1

Client Sample ID: SB-25 6-7
Lab Sample ID: 480-89322-4
Date Collected: 10/16/15 09:10
Matrix: Solid
Date Received: 10/16/15 16:55
Percent Solids: 88.2

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		3.4	1.5	ug/Kg	☼	10/16/15 18:30	10/19/15 03:29	1
n-Butylbenzene	ND		3.4	0.29	ug/Kg	☼	10/16/15 18:30	10/19/15 03:29	1
N-Propylbenzene	**0.43**	**J**	3.4	0.27	ug/Kg	☼	10/16/15 18:30	10/19/15 03:29	1
sec-Butylbenzene	ND		3.4	0.29	ug/Kg	☼	10/16/15 18:30	10/19/15 03:29	1
tert-Butylbenzene	ND		3.4	0.35	ug/Kg	☼	10/16/15 18:30	10/19/15 03:29	1
Tetrachloroethene	**4600**	**E B**	3.4	0.45	ug/Kg	☼	10/16/15 18:30	10/19/15 03:29	1
Toluene	**0.48**	**J**	3.4	0.25	ug/Kg	☼	10/16/15 18:30	10/19/15 03:29	1
trans-1,2-Dichloroethene	**1.8**	**J**	3.4	0.35	ug/Kg	☼	10/16/15 18:30	10/19/15 03:29	1
Trichloroethene	**210**	**E**	3.4	0.74	ug/Kg	☼	10/16/15 18:30	10/19/15 03:29	1
Vinyl chloride	ND		3.4	0.41	ug/Kg	☼	10/16/15 18:30	10/19/15 03:29	1
Xylenes, Total	ND		6.7	0.57	ug/Kg	☼	10/16/15 18:30	10/19/15 03:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*105*		*60 - 140*	*10/16/15 18:30*	*10/19/15 03:29*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*64 - 126*	*10/16/15 18:30*	*10/19/15 03:29*	*1*
4-Bromofluorobenzene (Surr)	*102*		*72 - 126*	*10/16/15 18:30*	*10/19/15 03:29*	*1*
Toluene-d8 (Surr)	*106*		*71 - 125*	*10/16/15 18:30*	*10/19/15 03:29*	*1*

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		8300	2300	ug/Kg	☼	10/16/15 18:30	10/26/15 20:30	200
1,1-Dichloroethane	ND		8300	2600	ug/Kg	☼	10/16/15 18:30	10/26/15 20:30	200
1,1-Dichloroethene	ND		8300	2900	ug/Kg	☼	10/16/15 18:30	10/26/15 20:30	200
1,2,4-Trimethylbenzene	ND		8300	2300	ug/Kg	☼	10/16/15 18:30	10/26/15 20:30	200
1,2-Dichlorobenzene	ND		8300	2100	ug/Kg	☼	10/16/15 18:30	10/26/15 20:30	200
1,2-Dichloroethane	ND		8300	3400	ug/Kg	☼	10/16/15 18:30	10/26/15 20:30	200
1,3,5-Trimethylbenzene	ND		8300	2500	ug/Kg	☼	10/16/15 18:30	10/26/15 20:30	200
1,3-Dichlorobenzene	ND		8300	2200	ug/Kg	☼	10/16/15 18:30	10/26/15 20:30	200
1,4-Dichlorobenzene	ND		8300	1200	ug/Kg	☼	10/16/15 18:30	10/26/15 20:30	200
1,4-Dioxane	ND		160000	42000	ug/Kg	☼	10/16/15 18:30	10/26/15 20:30	200
2-Butanone (MEK)	ND		41000	25000	ug/Kg	☼	10/16/15 18:30	10/26/15 20:30	200
Acetone	ND		41000	34000	ug/Kg	☼	10/16/15 18:30	10/26/15 20:30	200
Benzene	ND		8300	1600	ug/Kg	☼	10/16/15 18:30	10/26/15 20:30	200
Carbon tetrachloride	ND		8300	2100	ug/Kg	☼	10/16/15 18:30	10/26/15 20:30	200
Chlorobenzene	ND		8300	1100	ug/Kg	☼	10/16/15 18:30	10/26/15 20:30	200
Chloroform	ND		8300	5700	ug/Kg	☼	10/16/15 18:30	10/26/15 20:30	200
cis-1,2-Dichloroethene	ND		8300	2300	ug/Kg	☼	10/16/15 18:30	10/26/15 20:30	200
Ethylbenzene	ND		8300	2400	ug/Kg	☼	10/16/15 18:30	10/26/15 20:30	200
Methyl tert-butyl ether	ND		8300	3100	ug/Kg	☼	10/16/15 18:30	10/26/15 20:30	200
Methylene Chloride	ND		8300	1600	ug/Kg	☼	10/16/15 18:30	10/26/15 20:30	200
n-Butylbenzene	ND		8300	2400	ug/Kg	☼	10/16/15 18:30	10/26/15 20:30	200
N-Propylbenzene	ND		8300	2200	ug/Kg	☼	10/16/15 18:30	10/26/15 20:30	200
sec-Butylbenzene	ND		8300	3000	ug/Kg	☼	10/16/15 18:30	10/26/15 20:30	200
tert-Butylbenzene	ND		8300	2300	ug/Kg	☼	10/16/15 18:30	10/26/15 20:30	200
Tetrachloroethene	**740000**		8300	1100	ug/Kg	☼	10/16/15 18:30	10/26/15 20:30	200
Toluene	ND		8300	2200	ug/Kg	☼	10/16/15 18:30	10/26/15 20:30	200
trans-1,2-Dichloroethene	ND		8300	2000	ug/Kg	☼	10/16/15 18:30	10/26/15 20:30	200
Trichloroethene	ND		8300	2300	ug/Kg	☼	10/16/15 18:30	10/26/15 20:30	200
Vinyl chloride	ND		8300	2800	ug/Kg	☼	10/16/15 18:30	10/26/15 20:30	200
Xylenes, Total	ND		17000	4600	ug/Kg	☼	10/16/15 18:30	10/26/15 20:30	200

Client Sample ID: SB-25 6-7

Lab Sample ID: 480-89322-4
Date Collected: 10/16/15 09:10
Matrix: Solid
Date Received: 10/16/15 16:55
Percent Solids: 88.2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*106*		*60 - 140*	*10/16/15 18:30*	*10/26/15 20:30*	*200*
1,2-Dichloroethane-d4 (Surr)	*89*		*53 - 146*	*10/16/15 18:30*	*10/26/15 20:30*	*200*
4-Bromofluorobenzene (Surr)	*94*		*49 - 148*	*10/16/15 18:30*	*10/26/15 20:30*	*200*
Toluene-d8 (Surr)	*104*		*50 - 149*	*10/16/15 18:30*	*10/26/15 20:30*	*200*

Client Sample ID: SB-26 17-22

Lab Sample ID: 480-89322-5
Date Collected: 10/16/15 09:20
Matrix: Solid
Date Received: 10/16/15 16:55
Percent Solids: 87.7

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	*	4.4	0.32	ug/Kg	☼	10/16/15 18:30	10/20/15 14:36	1
1,1,1-Trichloroethane	ND		51	14	ug/Kg	☼	10/16/15 18:30	10/29/15 00:00	1
1,1-Dichloroethane	ND	*	4.4	0.53	ug/Kg	☼	10/16/15 18:30	10/20/15 14:36	1
1,1-Dichloroethane	ND		51	16	ug/Kg	☼	10/16/15 18:30	10/29/15 00:00	1
1,1-Dichloroethene	ND	*	4.4	0.53	ug/Kg	☼	10/16/15 18:30	10/20/15 14:36	1
1,1-Dichloroethene	ND		51	18	ug/Kg	☼	10/16/15 18:30	10/29/15 00:00	1
1,2,4-Trimethylbenzene	ND	*	4.4	0.84	ug/Kg	☼	10/16/15 18:30	10/20/15 14:36	1
1,2,4-Trimethylbenzene	ND		51	14	ug/Kg	☼	10/16/15 18:30	10/29/15 00:00	1
1,2-Dichlorobenzene	ND	*	4.4	0.34	ug/Kg	☼	10/16/15 18:30	10/20/15 14:36	1
1,2-Dichlorobenzene	ND		51	13	ug/Kg	☼	10/16/15 18:30	10/29/15 00:00	1
1,2-Dichloroethane	ND	*	4.4	0.22	ug/Kg	☼	10/16/15 18:30	10/20/15 14:36	1
1,2-Dichloroethane	ND		51	21	ug/Kg	☼	10/16/15 18:30	10/29/15 00:00	1
1,3,5-Trimethylbenzene	ND	*	4.4	0.28	ug/Kg	☼	10/16/15 18:30	10/20/15 14:36	1
1,3,5-Trimethylbenzene	ND		51	15	ug/Kg	☼	10/16/15 18:30	10/29/15 00:00	1
1,3-Dichlorobenzene	ND	*	4.4	0.22	ug/Kg	☼	10/16/15 18:30	10/20/15 14:36	1
1,3-Dichlorobenzene	ND		51	14	ug/Kg	☼	10/16/15 18:30	10/29/15 00:00	1
1,4-Dichlorobenzene	ND	*	4.4	0.61	ug/Kg	☼	10/16/15 18:30	10/20/15 14:36	1
1,4-Dichlorobenzene	ND		51	7.1	ug/Kg	☼	10/16/15 18:30	10/29/15 00:00	1
1,4-Dioxane	ND	*	87	19	ug/Kg	☼	10/16/15 18:30	10/20/15 14:36	1
1,4-Dioxane	ND		960	260	ug/Kg	☼	10/16/15 18:30	10/29/15 00:00	1
2-Butanone (MEK)	ND	*	22	1.6	ug/Kg	☼	10/16/15 18:30	10/20/15 14:36	1
2-Butanone (MEK)	ND		250	150	ug/Kg	☼	10/16/15 18:30	10/29/15 00:00	1
Acetone	ND	*	22	3.7	ug/Kg	☼	10/16/15 18:30	10/20/15 14:36	1
Acetone	ND		250	210	ug/Kg	☼	10/16/15 18:30	10/29/15 00:00	1
Benzene	ND	*	4.4	0.21	ug/Kg	☼	10/16/15 18:30	10/20/15 14:36	1
Benzene	ND		51	9.6	ug/Kg	☼	10/16/15 18:30	10/29/15 00:00	1
Carbon tetrachloride	ND	*	4.4	0.42	ug/Kg	☼	10/16/15 18:30	10/20/15 14:36	1
Carbon tetrachloride	ND		51	13	ug/Kg	☼	10/16/15 18:30	10/29/15 00:00	1
Chlorobenzene	ND	*	4.4	0.58	ug/Kg	☼	10/16/15 18:30	10/20/15 14:36	1
Chlorobenzene	ND		51	6.7	ug/Kg	☼	10/16/15 18:30	10/29/15 00:00	1
Chloroform	ND	*	4.4	0.27	ug/Kg	☼	10/16/15 18:30	10/20/15 14:36	1
Chloroform	ND		51	35	ug/Kg	☼	10/16/15 18:30	10/29/15 00:00	1
cis-1,2-Dichloroethene	ND	*	4.4	0.56	ug/Kg	☼	10/16/15 18:30	10/20/15 14:36	1
cis-1,2-Dichloroethene	ND		51	14	ug/Kg	☼	10/16/15 18:30	10/29/15 00:00	1
Ethylbenzene	ND	*	4.4	0.30	ug/Kg	☼	10/16/15 18:30	10/20/15 14:36	1
Ethylbenzene	ND		51	15	ug/Kg	☼	10/16/15 18:30	10/29/15 00:00	1
Methyl tert-butyl ether	ND	*	4.4	0.43	ug/Kg	☼	10/16/15 18:30	10/20/15 14:36	1
Methyl tert-butyl ether	ND		51	19	ug/Kg	☼	10/16/15 18:30	10/29/15 00:00	1
Methylene Chloride	ND	*	4.4	2.0	ug/Kg	☼	10/16/15 18:30	10/20/15 14:36	1

Client Sample ID: SB-26 17-22

Lab Sample ID: 480-89322-5
Date Collected: 10/16/15 09:20
Matrix: Solid
Date Received: 10/16/15 16:55
Percent Solids: 87.7

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		51	10	ug/Kg	☼	10/16/15 18:30	10/29/15 00:00	1
n-Butylbenzene	ND	*	4.4	0.38	ug/Kg	☼	10/16/15 18:30	10/20/15 14:36	1
n-Butylbenzene	ND		51	15	ug/Kg	☼	10/16/15 18:30	10/29/15 00:00	1
N-Propylbenzene	ND	*	4.4	0.35	ug/Kg	☼	10/16/15 18:30	10/20/15 14:36	1
N-Propylbenzene	ND		51	13	ug/Kg	☼	10/16/15 18:30	10/29/15 00:00	1
sec-Butylbenzene	ND	*	4.4	0.38	ug/Kg	☼	10/16/15 18:30	10/20/15 14:36	1
sec-Butylbenzene	ND		51	19	ug/Kg	☼	10/16/15 18:30	10/29/15 00:00	1
tert-Butylbenzene	ND	*	4.4	0.45	ug/Kg	☼	10/16/15 18:30	10/20/15 14:36	1
tert-Butylbenzene	ND		51	14	ug/Kg	☼	10/16/15 18:30	10/29/15 00:00	1
Tetrachloroethene	**12**	**B ***	4.4	0.59	ug/Kg	☼	10/16/15 18:30	10/20/15 14:36	1
Tetrachloroethene	**220**		51	6.8	ug/Kg	☼	10/16/15 18:30	10/29/15 00:00	1
Toluene	ND	*	4.4	0.33	ug/Kg	☼	10/16/15 18:30	10/20/15 14:36	1
Toluene	ND		51	14	ug/Kg	☼	10/16/15 18:30	10/29/15 00:00	1
trans-1,2-Dichloroethene	ND	*	4.4	0.45	ug/Kg	☼	10/16/15 18:30	10/20/15 14:36	1
trans-1,2-Dichloroethene	ND		51	12	ug/Kg	☼	10/16/15 18:30	10/29/15 00:00	1
Trichloroethene	ND	*	4.4	0.96	ug/Kg	☼	10/16/15 18:30	10/20/15 14:36	1
Trichloroethene	ND		51	14	ug/Kg	☼	10/16/15 18:30	10/29/15 00:00	1
Vinyl chloride	ND	*	4.4	0.53	ug/Kg	☼	10/16/15 18:30	10/20/15 14:36	1
Vinyl chloride	ND		51	17	ug/Kg	☼	10/16/15 18:30	10/29/15 00:00	1
Xylenes, Total	ND		8.7	0.73	ug/Kg	☼	10/16/15 18:30	10/20/15 14:36	1
Xylenes, Total	ND		100	28	ug/Kg	☼	10/16/15 18:30	10/29/15 00:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*95*	*	*60 - 140*	*10/16/15 18:30*	*10/20/15 14:36*	*1*
Dibromofluoromethane (Surr)	*93*		*60 - 140*	*10/16/15 18:30*	*10/29/15 00:00*	*1*
1,2-Dichloroethane-d4 (Surr)	*115*	*	*64 - 126*	*10/16/15 18:30*	*10/20/15 14:36*	*1*
1,2-Dichloroethane-d4 (Surr)	*91*		*53 - 146*	*10/16/15 18:30*	*10/29/15 00:00*	*1*
4-Bromofluorobenzene (Surr)	*81*	*	*72 - 126*	*10/16/15 18:30*	*10/20/15 14:36*	*1*
4-Bromofluorobenzene (Surr)	*86*		*49 - 148*	*10/16/15 18:30*	*10/29/15 00:00*	*1*
Toluene-d8 (Surr)	*77*	*	*71 - 125*	*10/16/15 18:30*	*10/20/15 14:36*	*1*
Toluene-d8 (Surr)	*94*		*50 - 149*	*10/16/15 18:30*	*10/29/15 00:00*	*1*

Client Sample ID: SB-26 7-8

Lab Sample ID: 480-89322-6
Date Collected: 10/16/15 09:30
Matrix: Solid
Date Received: 10/16/15 16:55
Percent Solids: 89.8

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		3.5	0.25	ug/Kg	☼	10/16/15 18:30	10/21/15 02:15	1
1,1-Dichloroethane	ND		3.5	0.42	ug/Kg	☼	10/16/15 18:30	10/21/15 02:15	1
1,1-Dichloroethene	ND		3.5	0.42	ug/Kg	☼	10/16/15 18:30	10/21/15 02:15	1
1,2,4-Trimethylbenzene	ND		3.5	0.67	ug/Kg	☼	10/16/15 18:30	10/21/15 02:15	1
1,2-Dichlorobenzene	ND		3.5	0.27	ug/Kg	☼	10/16/15 18:30	10/21/15 02:15	1
1,2-Dichloroethane	ND		3.5	0.17	ug/Kg	☼	10/16/15 18:30	10/21/15 02:15	1
1,3,5-Trimethylbenzene	ND		3.5	0.22	ug/Kg	☼	10/16/15 18:30	10/21/15 02:15	1
1,3-Dichlorobenzene	ND		3.5	0.18	ug/Kg	☼	10/16/15 18:30	10/21/15 02:15	1
1,4-Dichlorobenzene	ND		3.5	0.49	ug/Kg	☼	10/16/15 18:30	10/21/15 02:15	1
1,4-Dioxane	ND		69	15	ug/Kg	☼	10/16/15 18:30	10/21/15 02:15	1
2-Butanone (MEK)	ND		17	1.3	ug/Kg	☼	10/16/15 18:30	10/21/15 02:15	1
Acetone	ND		17	2.9	ug/Kg	☼	10/16/15 18:30	10/21/15 02:15	1

Client Sample ID: SB-26 7-8

Lab Sample ID: 480-89322-6
Date Collected: 10/16/15 09:30
Matrix: Solid
Date Received: 10/16/15 16:55
Percent Solids: 89.8

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		3.5	0.17	ug/Kg	☼	10/16/15 18:30	10/21/15 02:15	1
Carbon tetrachloride	ND		3.5	0.34	ug/Kg	☼	10/16/15 18:30	10/21/15 02:15	1
Chlorobenzene	ND		3.5	0.46	ug/Kg	☼	10/16/15 18:30	10/21/15 02:15	1
Chloroform	ND		3.5	0.21	ug/Kg	☼	10/16/15 18:30	10/21/15 02:15	1
cis-1,2-Dichloroethene	**0.57**	**J**	3.5	0.44	ug/Kg	☼	10/16/15 18:30	10/21/15 02:15	1
Ethylbenzene	ND		3.5	0.24	ug/Kg	☼	10/16/15 18:30	10/21/15 02:15	1
Methyl tert-butyl ether	ND		3.5	0.34	ug/Kg	☼	10/16/15 18:30	10/21/15 02:15	1
Methylene Chloride	ND		3.5	1.6	ug/Kg	☼	10/16/15 18:30	10/21/15 02:15	1
n-Butylbenzene	ND		3.5	0.30	ug/Kg	☼	10/16/15 18:30	10/21/15 02:15	1
N-Propylbenzene	ND		3.5	0.28	ug/Kg	☼	10/16/15 18:30	10/21/15 02:15	1
sec-Butylbenzene	ND		3.5	0.30	ug/Kg	☼	10/16/15 18:30	10/21/15 02:15	1
tert-Butylbenzene	ND		3.5	0.36	ug/Kg	☼	10/16/15 18:30	10/21/15 02:15	1
Tetrachloroethene	**5.4**		3.5	0.47	ug/Kg	☼	10/16/15 18:30	10/21/15 02:15	1
Toluene	ND		3.5	0.26	ug/Kg	☼	10/16/15 18:30	10/21/15 02:15	1
trans-1,2-Dichloroethene	ND		3.5	0.36	ug/Kg	☼	10/16/15 18:30	10/21/15 02:15	1
Trichloroethene	ND		3.5	0.76	ug/Kg	☼	10/16/15 18:30	10/21/15 02:15	1
Vinyl chloride	ND		3.5	0.42	ug/Kg	☼	10/16/15 18:30	10/21/15 02:15	1
Xylenes, Total	ND		6.9	0.58	ug/Kg	☼	10/16/15 18:30	10/21/15 02:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*106*		*60 - 140*	*10/16/15 18:30*	*10/21/15 02:15*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*64 - 126*	*10/16/15 18:30*	*10/21/15 02:15*	*1*
4-Bromofluorobenzene (Surr)	*92*		*72 - 126*	*10/16/15 18:30*	*10/21/15 02:15*	*1*
Toluene-d8 (Surr)	*102*		*71 - 125*	*10/16/15 18:30*	*10/21/15 02:15*	*1*

Client Sample ID: SB-28 10-22

Lab Sample ID: 480-89322-7
Date Collected: 10/16/15 09:45
Matrix: Solid
Date Received: 10/16/15 16:55
Percent Solids: 82.9

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	F1	4.2	0.31	ug/Kg	☼	10/16/15 18:30	10/21/15 02:40	1
1,1-Dichloroethane	ND		4.2	0.52	ug/Kg	☼	10/16/15 18:30	10/21/15 02:40	1
1,1-Dichloroethene	ND		4.2	0.52	ug/Kg	☼	10/16/15 18:30	10/21/15 02:40	1
1,2,4-Trimethylbenzene	ND	F1	4.2	0.81	ug/Kg	☼	10/16/15 18:30	10/21/15 02:40	1
1,2-Dichlorobenzene	ND	F1	4.2	0.33	ug/Kg	☼	10/16/15 18:30	10/21/15 02:40	1
1,2-Dichloroethane	ND	F1	4.2	0.21	ug/Kg	☼	10/16/15 18:30	10/21/15 02:40	1
1,3,5-Trimethylbenzene	ND	F1	4.2	0.27	ug/Kg	☼	10/16/15 18:30	10/21/15 02:40	1
1,3-Dichlorobenzene	ND	F1	4.2	0.22	ug/Kg	☼	10/16/15 18:30	10/21/15 02:40	1
1,4-Dichlorobenzene	ND	F1	4.2	0.59	ug/Kg	☼	10/16/15 18:30	10/21/15 02:40	1
1,4-Dioxane	ND	F1	85	18	ug/Kg	☼	10/16/15 18:30	10/21/15 02:40	1
2-Butanone (MEK)	ND	F1	21	1.6	ug/Kg	☼	10/16/15 18:30	10/21/15 02:40	1
Acetone	ND		21	3.6	ug/Kg	☼	10/16/15 18:30	10/21/15 02:40	1
Benzene	ND		4.2	0.21	ug/Kg	☼	10/16/15 18:30	10/21/15 02:40	1
Carbon tetrachloride	ND	F1	4.2	0.41	ug/Kg	☼	10/16/15 18:30	10/21/15 02:40	1
Chlorobenzene	ND	F1	4.2	0.56	ug/Kg	☼	10/16/15 18:30	10/21/15 02:40	1
Chloroform	ND		4.2	0.26	ug/Kg	☼	10/16/15 18:30	10/21/15 02:40	1
cis-1,2-Dichloroethene	ND		4.2	0.54	ug/Kg	☼	10/16/15 18:30	10/21/15 02:40	1
Ethylbenzene	ND	F1	4.2	0.29	ug/Kg	☼	10/16/15 18:30	10/21/15 02:40	1
Methyl tert-butyl ether	ND		4.2	0.42	ug/Kg	☼	10/16/15 18:30	10/21/15 02:40	1

Client Sample ID: SB-28 10-22
Lab Sample ID: 480-89322-7

Date Collected: 10/16/15 09:45
Matrix: Solid

Date Received: 10/16/15 16:55
Percent Solids: 82.9

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		4.2	2.0	ug/Kg	☼	10/16/15 18:30	10/21/15 02:40	1
n-Butylbenzene	ND	F1	4.2	0.37	ug/Kg	☼	10/16/15 18:30	10/21/15 02:40	1
N-Propylbenzene	ND	F1	4.2	0.34	ug/Kg	☼	10/16/15 18:30	10/21/15 02:40	1
sec-Butylbenzene	ND	F1	4.2	0.37	ug/Kg	☼	10/16/15 18:30	10/21/15 02:40	1
tert-Butylbenzene	ND	F1	4.2	0.44	ug/Kg	☼	10/16/15 18:30	10/21/15 02:40	1
Tetrachloroethene	**6.5**	**F1**	4.2	0.57	ug/Kg	☼	10/16/15 18:30	10/21/15 02:40	1
Toluene	ND		4.2	0.32	ug/Kg	☼	10/16/15 18:30	10/21/15 02:40	1
trans-1,2-Dichloroethene	ND	F1	4.2	0.44	ug/Kg	☼	10/16/15 18:30	10/21/15 02:40	1
Trichloroethene	ND	F1	4.2	0.93	ug/Kg	☼	10/16/15 18:30	10/21/15 02:40	1
Vinyl chloride	ND		4.2	0.52	ug/Kg	☼	10/16/15 18:30	10/21/15 02:40	1
Xylenes, Total	ND	F1	8.5	0.71	ug/Kg	☼	10/16/15 18:30	10/21/15 02:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*106*		*60 - 140*	*10/16/15 18:30*	*10/21/15 02:40*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*64 - 126*	*10/16/15 18:30*	*10/21/15 02:40*	*1*
4-Bromofluorobenzene (Surr)	*95*		*72 - 126*	*10/16/15 18:30*	*10/21/15 02:40*	*1*
Toluene-d8 (Surr)	*102*		*71 - 125*	*10/16/15 18:30*	*10/21/15 02:40*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND	F1	2000	300	ug/Kg	☼	10/19/15 08:23	10/21/15 04:51	10
bis (2-chloroisopropyl) ether	ND	F1	2000	410	ug/Kg	☼	10/19/15 08:23	10/21/15 04:51	10
2,4,5-Trichlorophenol	ND		2000	550	ug/Kg	☼	10/19/15 08:23	10/21/15 04:51	10
2,4,6-Trichlorophenol	ND		2000	410	ug/Kg	☼	10/19/15 08:23	10/21/15 04:51	10
2,4-Dichlorophenol	ND		2000	220	ug/Kg	☼	10/19/15 08:23	10/21/15 04:51	10
2,4-Dimethylphenol	ND		2000	490	ug/Kg	☼	10/19/15 08:23	10/21/15 04:51	10
2,4-Dinitrophenol	ND		20000	9400	ug/Kg	☼	10/19/15 08:23	10/21/15 04:51	10
2,4-Dinitrotoluene	ND		2000	420	ug/Kg	☼	10/19/15 08:23	10/21/15 04:51	10
2,6-Dinitrotoluene	ND		2000	240	ug/Kg	☼	10/19/15 08:23	10/21/15 04:51	10
2-Chloronaphthalene	ND	F1	2000	340	ug/Kg	☼	10/19/15 08:23	10/21/15 04:51	10
2-Chlorophenol	ND		2000	370	ug/Kg	☼	10/19/15 08:23	10/21/15 04:51	10
2-Methylphenol	ND	F1	2000	240	ug/Kg	☼	10/19/15 08:23	10/21/15 04:51	10
2-Methylnaphthalene	ND	F1	2000	410	ug/Kg	☼	10/19/15 08:23	10/21/15 04:51	10
2-Nitroaniline	ND		3900	300	ug/Kg	☼	10/19/15 08:23	10/21/15 04:51	10
2-Nitrophenol	ND		2000	570	ug/Kg	☼	10/19/15 08:23	10/21/15 04:51	10
3,3'-Dichlorobenzidine	ND		3900	2400	ug/Kg	☼	10/19/15 08:23	10/21/15 04:51	10
3-Nitroaniline	ND	F1	3900	560	ug/Kg	☼	10/19/15 08:23	10/21/15 04:51	10
4,6-Dinitro-2-methylphenol	ND		3900	2000	ug/Kg	☼	10/19/15 08:23	10/21/15 04:51	10
4-Bromophenyl phenyl ether	ND	F1	2000	290	ug/Kg	☼	10/19/15 08:23	10/21/15 04:51	10
4-Chloro-3-methylphenol	ND		2000	500	ug/Kg	☼	10/19/15 08:23	10/21/15 04:51	10
4-Chloroaniline	ND	F1	2000	500	ug/Kg	☼	10/19/15 08:23	10/21/15 04:51	10
4-Chlorophenyl phenyl ether	ND	F1	2000	250	ug/Kg	☼	10/19/15 08:23	10/21/15 04:51	10
4-Methylphenol	ND	F1	3900	240	ug/Kg	☼	10/19/15 08:23	10/21/15 04:51	10
4-Nitroaniline	ND		3900	1100	ug/Kg	☼	10/19/15 08:23	10/21/15 04:51	10
4-Nitrophenol	ND		3900	1400	ug/Kg	☼	10/19/15 08:23	10/21/15 04:51	10
Acenaphthene	**770**	**J F1**	2000	300	ug/Kg	☼	10/19/15 08:23	10/21/15 04:51	10
Acenaphthylene	ND	F1	2000	260	ug/Kg	☼	10/19/15 08:23	10/21/15 04:51	10
Acetophenone	ND	F1	2000	280	ug/Kg	☼	10/19/15 08:23	10/21/15 04:51	10
Anthracene	**1500**	**J F1**	2000	500	ug/Kg	☼	10/19/15 08:23	10/21/15 04:51	10
Atrazine	ND		2000	710	ug/Kg	☼	10/19/15 08:23	10/21/15 04:51	10

Client Sample ID: SB-28 10-22
Lab Sample ID: 480-89322-7

Date Collected: 10/16/15 09:45
Matrix: Solid

Date Received: 10/16/15 16:55
Percent Solids: 82.9

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzaldehyde	ND		2000	1600	ug/Kg	☼	10/19/15 08:23	10/21/15 04:51	10
Benzo[a]anthracene	**2300**	**F1**	2000	200	ug/Kg	☼	10/19/15 08:23	10/21/15 04:51	10
Benzo[a]pyrene	**2100**	**F1**	2000	300	ug/Kg	☼	10/19/15 08:23	10/21/15 04:51	10
Benzo[b]fluoranthene	**2200**	**F1**	2000	320	ug/Kg	☼	10/19/15 08:23	10/21/15 04:51	10
Benzo[g,h,i]perylene	**1400**	**J F1**	2000	220	ug/Kg	☼	10/19/15 08:23	10/21/15 04:51	10
Benzo[k]fluoranthene	**1400**	**J F1**	2000	260	ug/Kg	☼	10/19/15 08:23	10/21/15 04:51	10
Bis(2-chloroethoxy)methane	ND	F1	2000	430	ug/Kg	☼	10/19/15 08:23	10/21/15 04:51	10
Bis(2-chloroethyl)ether	ND	F1	2000	260	ug/Kg	☼	10/19/15 08:23	10/21/15 04:51	10
Bis(2-ethylhexyl) phthalate	ND		2000	690	ug/Kg	☼	10/19/15 08:23	10/21/15 04:51	10
Butyl benzyl phthalate	ND		2000	340	ug/Kg	☼	10/19/15 08:23	10/21/15 04:51	10
Caprolactam	ND		2000	610	ug/Kg	☼	10/19/15 08:23	10/21/15 04:51	10
Carbazole	**620**	**J F1**	2000	240	ug/Kg	☼	10/19/15 08:23	10/21/15 04:51	10
Chrysene	**2100**	**F1**	2000	450	ug/Kg	☼	10/19/15 08:23	10/21/15 04:51	10
Dibenz(a,h)anthracene	ND		2000	360	ug/Kg	☼	10/19/15 08:23	10/21/15 04:51	10
Di-n-butyl phthalate	ND		2000	350	ug/Kg	☼	10/19/15 08:23	10/21/15 04:51	10
Di-n-octyl phthalate	ND		2000	240	ug/Kg	☼	10/19/15 08:23	10/21/15 04:51	10
Dibenzofuran	**490**	**J F1**	2000	240	ug/Kg	☼	10/19/15 08:23	10/21/15 04:51	10
Diethyl phthalate	ND	F1	2000	260	ug/Kg	☼	10/19/15 08:23	10/21/15 04:51	10
Dimethyl phthalate	ND	F1	2000	240	ug/Kg	☼	10/19/15 08:23	10/21/15 04:51	10
Fluoranthene	**5400**	**F1**	2000	220	ug/Kg	☼	10/19/15 08:23	10/21/15 04:51	10
Fluorene	**790**	**J F1**	2000	240	ug/Kg	☼	10/19/15 08:23	10/21/15 04:51	10
Hexachlorobenzene	ND	F1	2000	280	ug/Kg	☼	10/19/15 08:23	10/21/15 04:51	10
Hexachlorobutadiene	ND		2000	300	ug/Kg	☼	10/19/15 08:23	10/21/15 04:51	10
Hexachlorocyclopentadiene	ND		2000	280	ug/Kg	☼	10/19/15 08:23	10/21/15 04:51	10
Hexachloroethane	ND		2000	260	ug/Kg	☼	10/19/15 08:23	10/21/15 04:51	10
Indeno[1,2,3-cd]pyrene	**1400**	**J F1**	2000	250	ug/Kg	☼	10/19/15 08:23	10/21/15 04:51	10
Isophorone	ND	F1	2000	430	ug/Kg	☼	10/19/15 08:23	10/21/15 04:51	10
N-Nitrosodi-n-propylamine	ND		2000	350	ug/Kg	☼	10/19/15 08:23	10/21/15 04:51	10
N-Nitrosodiphenylamine	ND		2000	1700	ug/Kg	☼	10/19/15 08:23	10/21/15 04:51	10
Naphthalene	**990**	**J F1**	2000	260	ug/Kg	☼	10/19/15 08:23	10/21/15 04:51	10
Nitrobenzene	ND	F1	2000	230	ug/Kg	☼	10/19/15 08:23	10/21/15 04:51	10
Pentachlorophenol	ND		3900	2000	ug/Kg	☼	10/19/15 08:23	10/21/15 04:51	10
Phenanthrene	**5100**	**F1**	2000	300	ug/Kg	☼	10/19/15 08:23	10/21/15 04:51	10
Phenol	ND		2000	310	ug/Kg	☼	10/19/15 08:23	10/21/15 04:51	10
Pyrene	**4200**	**F1**	2000	240	ug/Kg	☼	10/19/15 08:23	10/21/15 04:51	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*74*		*34 - 132*	*10/19/15 08:23*	*10/21/15 04:51*	*10*
Phenol-d5 (Surr)	*81*		*11 - 120*	*10/19/15 08:23*	*10/21/15 04:51*	*10*
p-Terphenyl-d14 (Surr)	*101*		*65 - 153*	*10/19/15 08:23*	*10/21/15 04:51*	*10*
2,4,6-Tribromophenol (Surr)	*120*		*39 - 146*	*10/19/15 08:23*	*10/21/15 04:51*	*10*
2-Fluorobiphenyl	*91*		*37 - 120*	*10/19/15 08:23*	*10/21/15 04:51*	*10*
2-Fluorophenol (Surr)	*76*		*18 - 120*	*10/19/15 08:23*	*10/21/15 04:51*	*10*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	**9.9**	**F2 F1 B**	4.0	0.78	ug/Kg	☼	10/19/15 08:31	10/22/15 08:58	2
4,4'-DDE	**8.0**	**F2 F1**	4.0	0.84	ug/Kg	☼	10/19/15 08:31	10/22/15 08:58	2
4,4'-DDT	**8.7**	**F1**	4.0	0.94	ug/Kg	☼	10/19/15 08:31	10/22/15 08:58	2
Aldrin	ND		4.0	0.99	ug/Kg	☼	10/19/15 08:31	10/22/15 08:58	2

Client Sample ID: SB-28 10-22
Lab Sample ID: 480-89322-7

Date Collected: 10/16/15 09:45
Matrix: Solid

Date Received: 10/16/15 16:55
Percent Solids: 82.9

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	ND		4.0	0.72	ug/Kg	☼	10/19/15 08:31	10/22/15 08:58	2
alpha-Chlordane	**2.4**	**J F2 F1**	4.0	2.0	ug/Kg	☼	10/19/15 08:31	10/22/15 08:58	2
beta-BHC	ND		4.0	0.72	ug/Kg	☼	10/19/15 08:31	10/22/15 08:58	2
delta-BHC	**1.3**	**J**	4.0	0.75	ug/Kg	☼	10/19/15 08:31	10/22/15 08:58	2
Dieldrin	ND		4.0	0.96	ug/Kg	☼	10/19/15 08:31	10/22/15 08:58	2
Endosulfan I	ND		4.0	0.77	ug/Kg	☼	10/19/15 08:31	10/22/15 08:58	2
Endosulfan II	**0.89**	**J B**	4.0	0.72	ug/Kg	☼	10/19/15 08:31	10/22/15 08:58	2
Endosulfan sulfate	ND		4.0	0.75	ug/Kg	☼	10/19/15 08:31	10/22/15 08:58	2
Endrin	ND		4.0	0.79	ug/Kg	☼	10/19/15 08:31	10/22/15 08:58	2
gamma-BHC (Lindane)	ND		4.0	0.74	ug/Kg	☼	10/19/15 08:31	10/22/15 08:58	2
Heptachlor	ND		4.0	0.87	ug/Kg	☼	10/19/15 08:31	10/22/15 08:58	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*65*		*32 - 136*	*10/19/15 08:31*	*10/22/15 08:58*	*2*
DCB Decachlorobiphenyl	*86*		*32 - 136*	*10/19/15 08:31*	*10/22/15 08:58*	*2*
Tetrachloro-m-xylene	*120*		*30 - 124*	*10/19/15 08:31*	*10/22/15 08:58*	*2*
Tetrachloro-m-xylene	*71*		*30 - 124*	*10/19/15 08:31*	*10/22/15 08:58*	*2*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.27	0.053	mg/Kg	☼	10/20/15 11:42	10/21/15 18:48	1
PCB-1221	ND		0.27	0.053	mg/Kg	☼	10/20/15 11:42	10/21/15 18:48	1
PCB-1232	ND		0.27	0.053	mg/Kg	☼	10/20/15 11:42	10/21/15 18:48	1
PCB-1242	ND		0.27	0.053	mg/Kg	☼	10/20/15 11:42	10/21/15 18:48	1
PCB-1248	ND		0.27	0.053	mg/Kg	☼	10/20/15 11:42	10/21/15 18:48	1
PCB-1254	ND		0.27	0.13	mg/Kg	☼	10/20/15 11:42	10/21/15 18:48	1
PCB-1260	ND		0.27	0.13	mg/Kg	☼	10/20/15 11:42	10/21/15 18:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*91*		*60 - 154*	*10/20/15 11:42*	*10/21/15 18:48*	*1*
Tetrachloro-m-xylene	*89*		*60 - 154*	*10/20/15 11:42*	*10/21/15 18:48*	*1*
DCB Decachlorobiphenyl	*79*		*65 - 174*	*10/20/15 11:42*	*10/21/15 18:48*	*1*
DCB Decachlorobiphenyl	*86*		*65 - 174*	*10/20/15 11:42*	*10/21/15 18:48*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		20	7.2	ug/Kg	☼	10/19/15 08:36	10/23/15 04:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*89*		*28 - 129*	*10/19/15 08:36*	*10/23/15 04:01*	*1*
2,4-Dichlorophenylacetic acid	*85*		*28 - 129*	*10/19/15 08:36*	*10/23/15 04:01*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**3.1**		2.4	0.47	mg/Kg	☼	10/19/15 12:20	10/21/15 03:54	1
Barium	**124**	**F1**	0.59	0.13	mg/Kg	☼	10/19/15 12:20	10/21/15 03:54	1
Beryllium	**0.88**		0.24	0.033	mg/Kg	☼	10/19/15 12:20	10/21/15 03:54	1
Cadmium	**0.20**	**J**	0.24	0.035	mg/Kg	☼	10/19/15 12:20	10/21/15 03:54	1
Copper	**10.5**		1.2	0.25	mg/Kg	☼	10/19/15 12:20	10/21/15 03:54	1
Lead	**16.9**		1.2	0.28	mg/Kg	☼	10/19/15 12:20	10/21/15 03:54	1
Manganese	**345**	**B F2**	0.24	0.038	mg/Kg	☼	10/19/15 12:20	10/21/15 03:54	1

Client Sample ID: SB-28 10-22

Lab Sample ID: 480-89322-7
Date Collected: 10/16/15 09:45
Matrix: Solid
Date Received: 10/16/15 16:55
Percent Solids: 82.9

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	**17.4**	**F1**	5.9	0.27	mg/Kg	☼	10/19/15 12:20	10/21/15 03:54	1
Selenium	**0.93**	**J**	4.7	0.47	mg/Kg	☼	10/19/15 12:20	10/21/15 03:54	1
Silver	ND		0.71	0.24	mg/Kg	☼	10/19/15 12:20	10/21/15 03:54	1
Zinc	**90.8**	**F1**	2.4	0.76	mg/Kg	☼	10/19/15 12:20	10/21/15 03:54	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.090**	*****	0.024	0.0097	mg/Kg	☼	10/19/15 11:20	10/19/15 17:47	1

Client Sample ID: SB-28 7-8

Lab Sample ID: 480-89322-8
Date Collected: 10/16/15 09:58
Matrix: Solid
Date Received: 10/16/15 16:55
Percent Solids: 87.4

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		3.7	0.27	ug/Kg	☼	10/16/15 18:30	10/21/15 03:06	1
1,1-Dichloroethane	ND		3.7	0.45	ug/Kg	☼	10/16/15 18:30	10/21/15 03:06	1
1,1-Dichloroethene	ND		3.7	0.46	ug/Kg	☼	10/16/15 18:30	10/21/15 03:06	1
1,2,4-Trimethylbenzene	ND		3.7	0.71	ug/Kg	☼	10/16/15 18:30	10/21/15 03:06	1
1,2-Dichlorobenzene	ND		3.7	0.29	ug/Kg	☼	10/16/15 18:30	10/21/15 03:06	1
1,2-Dichloroethane	ND		3.7	0.19	ug/Kg	☼	10/16/15 18:30	10/21/15 03:06	1
1,3,5-Trimethylbenzene	ND		3.7	0.24	ug/Kg	☼	10/16/15 18:30	10/21/15 03:06	1
1,3-Dichlorobenzene	ND		3.7	0.19	ug/Kg	☼	10/16/15 18:30	10/21/15 03:06	1
1,4-Dichlorobenzene	ND		3.7	0.52	ug/Kg	☼	10/16/15 18:30	10/21/15 03:06	1
1,4-Dioxane	ND		74	16	ug/Kg	☼	10/16/15 18:30	10/21/15 03:06	1
2-Butanone (MEK)	ND		19	1.4	ug/Kg	☼	10/16/15 18:30	10/21/15 03:06	1
Acetone	**9.7**	**J B**	19	3.1	ug/Kg	☼	10/16/15 18:30	10/21/15 03:06	1
Benzene	ND		3.7	0.18	ug/Kg	☼	10/16/15 18:30	10/21/15 03:06	1
Carbon tetrachloride	ND		3.7	0.36	ug/Kg	☼	10/16/15 18:30	10/21/15 03:06	1
Chlorobenzene	ND		3.7	0.49	ug/Kg	☼	10/16/15 18:30	10/21/15 03:06	1
Chloroform	ND		3.7	0.23	ug/Kg	☼	10/16/15 18:30	10/21/15 03:06	1
cis-1,2-Dichloroethene	ND		3.7	0.48	ug/Kg	☼	10/16/15 18:30	10/21/15 03:06	1
Ethylbenzene	ND		3.7	0.26	ug/Kg	☼	10/16/15 18:30	10/21/15 03:06	1
Methyl tert-butyl ether	ND		3.7	0.37	ug/Kg	☼	10/16/15 18:30	10/21/15 03:06	1
Methylene Chloride	ND		3.7	1.7	ug/Kg	☼	10/16/15 18:30	10/21/15 03:06	1
n-Butylbenzene	ND		3.7	0.32	ug/Kg	☼	10/16/15 18:30	10/21/15 03:06	1
N-Propylbenzene	ND		3.7	0.30	ug/Kg	☼	10/16/15 18:30	10/21/15 03:06	1
sec-Butylbenzene	ND		3.7	0.32	ug/Kg	☼	10/16/15 18:30	10/21/15 03:06	1
tert-Butylbenzene	ND		3.7	0.39	ug/Kg	☼	10/16/15 18:30	10/21/15 03:06	1
Tetrachloroethene	**0.62**	**J**	3.7	0.50	ug/Kg	☼	10/16/15 18:30	10/21/15 03:06	1
Toluene	ND		3.7	0.28	ug/Kg	☼	10/16/15 18:30	10/21/15 03:06	1
trans-1,2-Dichloroethene	ND		3.7	0.38	ug/Kg	☼	10/16/15 18:30	10/21/15 03:06	1
Trichloroethene	ND		3.7	0.82	ug/Kg	☼	10/16/15 18:30	10/21/15 03:06	1
Vinyl chloride	ND		3.7	0.45	ug/Kg	☼	10/16/15 18:30	10/21/15 03:06	1
Xylenes, Total	ND		7.4	0.62	ug/Kg	☼	10/16/15 18:30	10/21/15 03:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*103*		*60 - 140*	*10/16/15 18:30*	*10/21/15 03:06*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*64 - 126*	*10/16/15 18:30*	*10/21/15 03:06*	*1*
4-Bromofluorobenzene (Surr)	*92*		*72 - 126*	*10/16/15 18:30*	*10/21/15 03:06*	*1*

Client Sample ID: SB-28 7-8

Lab Sample ID: 480-89322-8
Date Collected: 10/16/15 09:58
Matrix: Solid
Date Received: 10/16/15 16:55
Percent Solids: 87.4

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*100*		*71 - 125*	*10/16/15 18:30*	*10/21/15 03:06*	*1*

Client Sample ID: SB-20 6"-8"

Lab Sample ID: 480-89324-1
Date Collected: 10/15/15 09:30
Matrix: Solid
Date Received: 10/16/15 16:55
Percent Solids: 81.7

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.2	0.30	ug/Kg	☼	10/16/15 20:30	10/21/15 00:57	1
1,1-Dichloroethane	ND		4.2	0.51	ug/Kg	☼	10/16/15 20:30	10/21/15 00:57	1
1,1-Dichloroethene	ND		4.2	0.51	ug/Kg	☼	10/16/15 20:30	10/21/15 00:57	1
1,2,4-Trimethylbenzene	ND		4.2	0.80	ug/Kg	☼	10/16/15 20:30	10/21/15 00:57	1
1,2-Dichlorobenzene	ND		4.2	0.33	ug/Kg	☼	10/16/15 20:30	10/21/15 00:57	1
1,2-Dichloroethane	ND		4.2	0.21	ug/Kg	☼	10/16/15 20:30	10/21/15 00:57	1
1,3,5-Trimethylbenzene	ND		4.2	0.27	ug/Kg	☼	10/16/15 20:30	10/21/15 00:57	1
1,3-Dichlorobenzene	ND		4.2	0.21	ug/Kg	☼	10/16/15 20:30	10/21/15 00:57	1
1,4-Dichlorobenzene	ND		4.2	0.58	ug/Kg	☼	10/16/15 20:30	10/21/15 00:57	1
1,4-Dioxane	ND		84	18	ug/Kg	☼	10/16/15 20:30	10/21/15 00:57	1
2-Butanone (MEK)	**6.5**	**J**	21	1.5	ug/Kg	☼	10/16/15 20:30	10/21/15 00:57	1
Acetone	**47**	**B**	21	3.5	ug/Kg	☼	10/16/15 20:30	10/21/15 00:57	1
Benzene	ND		4.2	0.20	ug/Kg	☼	10/16/15 20:30	10/21/15 00:57	1
Carbon tetrachloride	ND		4.2	0.40	ug/Kg	☼	10/16/15 20:30	10/21/15 00:57	1
Chlorobenzene	ND		4.2	0.55	ug/Kg	☼	10/16/15 20:30	10/21/15 00:57	1
Chloroform	ND		4.2	0.26	ug/Kg	☼	10/16/15 20:30	10/21/15 00:57	1
cis-1,2-Dichloroethene	ND		4.2	0.53	ug/Kg	☼	10/16/15 20:30	10/21/15 00:57	1
Ethylbenzene	ND		4.2	0.29	ug/Kg	☼	10/16/15 20:30	10/21/15 00:57	1
Methyl tert-butyl ether	ND		4.2	0.41	ug/Kg	☼	10/16/15 20:30	10/21/15 00:57	1
Methylene Chloride	ND		4.2	1.9	ug/Kg	☼	10/16/15 20:30	10/21/15 00:57	1
n-Butylbenzene	ND		4.2	0.36	ug/Kg	☼	10/16/15 20:30	10/21/15 00:57	1
N-Propylbenzene	ND		4.2	0.33	ug/Kg	☼	10/16/15 20:30	10/21/15 00:57	1
sec-Butylbenzene	ND		4.2	0.36	ug/Kg	☼	10/16/15 20:30	10/21/15 00:57	1
tert-Butylbenzene	ND		4.2	0.43	ug/Kg	☼	10/16/15 20:30	10/21/15 00:57	1
Tetrachloroethene	**1.9**	**J**	4.2	0.56	ug/Kg	☼	10/16/15 20:30	10/21/15 00:57	1
Toluene	ND		4.2	0.32	ug/Kg	☼	10/16/15 20:30	10/21/15 00:57	1
trans-1,2-Dichloroethene	ND		4.2	0.43	ug/Kg	☼	10/16/15 20:30	10/21/15 00:57	1
Trichloroethene	ND		4.2	0.92	ug/Kg	☼	10/16/15 20:30	10/21/15 00:57	1
Vinyl chloride	ND		4.2	0.51	ug/Kg	☼	10/16/15 20:30	10/21/15 00:57	1
Xylenes, Total	ND		8.4	0.70	ug/Kg	☼	10/16/15 20:30	10/21/15 00:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	*104*		*60 - 140*	*10/16/15 20:30*	*10/21/15 00:57*	*1*
1,2-Dichloroethane-d4 (Surr)	*136*	*X*	*64 - 126*	*10/16/15 20:30*	*10/21/15 00:57*	*1*
4-Bromofluorobenzene (Surr)	*99*		*72 - 126*	*10/16/15 20:30*	*10/21/15 00:57*	*1*
Toluene-d8 (Surr)	*101*		*71 - 125*	*10/16/15 20:30*	*10/21/15 00:57*	*1*

Client Sample ID: SB-20 7'-8'

Lab Sample ID: 480-89324-2
Date Collected: 10/15/15 09:40
Matrix: Solid
Date Received: 10/16/15 16:55
Percent Solids: 88.3

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		3.9	0.28	ug/Kg	☼	10/16/15 20:30	10/17/15 00:21	1
1,1-Dichloroethane	ND		3.9	0.48	ug/Kg	☼	10/16/15 20:30	10/17/15 00:21	1
1,1-Dichloroethene	ND		3.9	0.48	ug/Kg	☼	10/16/15 20:30	10/17/15 00:21	1
1,2,4-Trimethylbenzene	ND		3.9	0.75	ug/Kg	☼	10/16/15 20:30	10/17/15 00:21	1
1,2-Dichlorobenzene	ND		3.9	0.31	ug/Kg	☼	10/16/15 20:30	10/17/15 00:21	1
1,2-Dichloroethane	ND		3.9	0.20	ug/Kg	☼	10/16/15 20:30	10/17/15 00:21	1
1,3,5-Trimethylbenzene	ND		3.9	0.25	ug/Kg	☼	10/16/15 20:30	10/17/15 00:21	1
1,3-Dichlorobenzene	ND		3.9	0.20	ug/Kg	☼	10/16/15 20:30	10/17/15 00:21	1
1,4-Dichlorobenzene	ND		3.9	0.55	ug/Kg	☼	10/16/15 20:30	10/17/15 00:21	1
1,4-Dioxane	ND		78	17	ug/Kg	☼	10/16/15 20:30	10/17/15 00:21	1
2-Butanone (MEK)	ND		20	1.4	ug/Kg	☼	10/16/15 20:30	10/17/15 00:21	1
Acetone	**3.3**	**J**	20	3.3	ug/Kg	☼	10/16/15 20:30	10/17/15 00:21	1
Benzene	ND		3.9	0.19	ug/Kg	☼	10/16/15 20:30	10/17/15 00:21	1
Carbon tetrachloride	ND		3.9	0.38	ug/Kg	☼	10/16/15 20:30	10/17/15 00:21	1
Chlorobenzene	ND		3.9	0.52	ug/Kg	☼	10/16/15 20:30	10/17/15 00:21	1
Chloroform	ND		3.9	0.24	ug/Kg	☼	10/16/15 20:30	10/17/15 00:21	1
cis-1,2-Dichloroethene	ND		3.9	0.50	ug/Kg	☼	10/16/15 20:30	10/17/15 00:21	1
Ethylbenzene	ND		3.9	0.27	ug/Kg	☼	10/16/15 20:30	10/17/15 00:21	1
Methyl tert-butyl ether	ND		3.9	0.38	ug/Kg	☼	10/16/15 20:30	10/17/15 00:21	1
Methylene Chloride	ND		3.9	1.8	ug/Kg	☼	10/16/15 20:30	10/17/15 00:21	1
n-Butylbenzene	ND		3.9	0.34	ug/Kg	☼	10/16/15 20:30	10/17/15 00:21	1
N-Propylbenzene	ND		3.9	0.31	ug/Kg	☼	10/16/15 20:30	10/17/15 00:21	1
sec-Butylbenzene	ND		3.9	0.34	ug/Kg	☼	10/16/15 20:30	10/17/15 00:21	1
tert-Butylbenzene	ND		3.9	0.41	ug/Kg	☼	10/16/15 20:30	10/17/15 00:21	1
Tetrachloroethene	**0.95**	**J**	3.9	0.53	ug/Kg	☼	10/16/15 20:30	10/17/15 00:21	1
Toluene	ND		3.9	0.30	ug/Kg	☼	10/16/15 20:30	10/17/15 00:21	1
trans-1,2-Dichloroethene	ND		3.9	0.40	ug/Kg	☼	10/16/15 20:30	10/17/15 00:21	1
Trichloroethene	ND		3.9	0.86	ug/Kg	☼	10/16/15 20:30	10/17/15 00:21	1
Vinyl chloride	ND		3.9	0.48	ug/Kg	☼	10/16/15 20:30	10/17/15 00:21	1
Xylenes, Total	ND		7.8	0.66	ug/Kg	☼	10/16/15 20:30	10/17/15 00:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*105*		*60 - 140*	*10/16/15 20:30*	*10/17/15 00:21*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*64 - 126*	*10/16/15 20:30*	*10/17/15 00:21*	*1*
4-Bromofluorobenzene (Surr)	*97*		*72 - 126*	*10/16/15 20:30*	*10/17/15 00:21*	*1*
Toluene-d8 (Surr)	*104*		*71 - 125*	*10/16/15 20:30*	*10/17/15 00:21*	*1*

Client Sample ID: SB-21 12"-20"

Lab Sample ID: 480-89324-3
Date Collected: 10/15/15 09:50
Matrix: Solid
Date Received: 10/16/15 16:55
Percent Solids: 82.9

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.1	0.30	ug/Kg	☼	10/16/15 20:30	10/17/15 00:47	1
1,1-Dichloroethane	ND		4.1	0.50	ug/Kg	☼	10/16/15 20:30	10/17/15 00:47	1
1,1-Dichloroethene	ND		4.1	0.50	ug/Kg	☼	10/16/15 20:30	10/17/15 00:47	1
1,2,4-Trimethylbenzene	ND		4.1	0.78	ug/Kg	☼	10/16/15 20:30	10/17/15 00:47	1
1,2-Dichlorobenzene	ND		4.1	0.32	ug/Kg	☼	10/16/15 20:30	10/17/15 00:47	1
1,2-Dichloroethane	ND		4.1	0.20	ug/Kg	☼	10/16/15 20:30	10/17/15 00:47	1
1,3,5-Trimethylbenzene	ND		4.1	0.26	ug/Kg	☼	10/16/15 20:30	10/17/15 00:47	1

Client Sample ID: SB-21 12"-20"
Lab Sample ID: 480-89324-3

Date Collected: 10/15/15 09:50
Matrix: Solid
Date Received: 10/16/15 16:55
Percent Solids: 82.9

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	ND		4.1	0.21	ug/Kg	☼	10/16/15 20:30	10/17/15 00:47	1
1,4-Dichlorobenzene	ND		4.1	0.57	ug/Kg	☼	10/16/15 20:30	10/17/15 00:47	1
1,4-Dioxane	ND		81	18	ug/Kg	☼	10/16/15 20:30	10/17/15 00:47	1
2-Butanone (MEK)	**17**	**J ^**	20	1.5	ug/Kg	☼	10/16/15 20:30	10/17/15 00:47	1
Acetone	**84**		20	3.4	ug/Kg	☼	10/16/15 20:30	10/17/15 00:47	1
Benzene	ND		4.1	0.20	ug/Kg	☼	10/16/15 20:30	10/17/15 00:47	1
Carbon tetrachloride	ND		4.1	0.39	ug/Kg	☼	10/16/15 20:30	10/17/15 00:47	1
Chlorobenzene	ND		4.1	0.54	ug/Kg	☼	10/16/15 20:30	10/17/15 00:47	1
Chloroform	ND		4.1	0.25	ug/Kg	☼	10/16/15 20:30	10/17/15 00:47	1
cis-1,2-Dichloroethene	ND		4.1	0.52	ug/Kg	☼	10/16/15 20:30	10/17/15 00:47	1
Ethylbenzene	ND		4.1	0.28	ug/Kg	☼	10/16/15 20:30	10/17/15 00:47	1
Methyl tert-butyl ether	ND		4.1	0.40	ug/Kg	☼	10/16/15 20:30	10/17/15 00:47	1
Methylene Chloride	ND		4.1	1.9	ug/Kg	☼	10/16/15 20:30	10/17/15 00:47	1
n-Butylbenzene	ND		4.1	0.35	ug/Kg	☼	10/16/15 20:30	10/17/15 00:47	1
N-Propylbenzene	ND		4.1	0.33	ug/Kg	☼	10/16/15 20:30	10/17/15 00:47	1
sec-Butylbenzene	ND		4.1	0.35	ug/Kg	☼	10/16/15 20:30	10/17/15 00:47	1
tert-Butylbenzene	ND		4.1	0.42	ug/Kg	☼	10/16/15 20:30	10/17/15 00:47	1
Tetrachloroethene	**0.92**	**J**	4.1	0.55	ug/Kg	☼	10/16/15 20:30	10/17/15 00:47	1
Toluene	ND		4.1	0.31	ug/Kg	☼	10/16/15 20:30	10/17/15 00:47	1
trans-1,2-Dichloroethene	ND		4.1	0.42	ug/Kg	☼	10/16/15 20:30	10/17/15 00:47	1
Trichloroethene	ND		4.1	0.90	ug/Kg	☼	10/16/15 20:30	10/17/15 00:47	1
Vinyl chloride	ND		4.1	0.50	ug/Kg	☼	10/16/15 20:30	10/17/15 00:47	1
Xylenes, Total	ND		8.1	0.68	ug/Kg	☼	10/16/15 20:30	10/17/15 00:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*102*		*60 - 140*	*10/16/15 20:30*	*10/17/15 00:47*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*64 - 126*	*10/16/15 20:30*	*10/17/15 00:47*	*1*
4-Bromofluorobenzene (Surr)	*88*		*72 - 126*	*10/16/15 20:30*	*10/17/15 00:47*	*1*
Toluene-d8 (Surr)	*108*		*71 - 125*	*10/16/15 20:30*	*10/17/15 00:47*	*1*

Client Sample ID: SB-21 7'-8'
Lab Sample ID: 480-89324-4

Date Collected: 10/15/15 10:00
Matrix: Solid
Date Received: 10/16/15 16:55
Percent Solids: 88.5

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.6	0.33	ug/Kg	☼	10/16/15 20:30	10/17/15 01:13	1
1,1-Dichloroethane	ND		4.6	0.56	ug/Kg	☼	10/16/15 20:30	10/17/15 01:13	1
1,1-Dichloroethene	ND		4.6	0.56	ug/Kg	☼	10/16/15 20:30	10/17/15 01:13	1
1,2,4-Trimethylbenzene	ND		4.6	0.88	ug/Kg	☼	10/16/15 20:30	10/17/15 01:13	1
1,2-Dichlorobenzene	ND		4.6	0.36	ug/Kg	☼	10/16/15 20:30	10/17/15 01:13	1
1,2-Dichloroethane	ND		4.6	0.23	ug/Kg	☼	10/16/15 20:30	10/17/15 01:13	1
1,3,5-Trimethylbenzene	ND		4.6	0.29	ug/Kg	☼	10/16/15 20:30	10/17/15 01:13	1
1,3-Dichlorobenzene	ND		4.6	0.23	ug/Kg	☼	10/16/15 20:30	10/17/15 01:13	1
1,4-Dichlorobenzene	ND		4.6	0.64	ug/Kg	☼	10/16/15 20:30	10/17/15 01:13	1
1,4-Dioxane	ND		91	20	ug/Kg	☼	10/16/15 20:30	10/17/15 01:13	1
2-Butanone (MEK)	ND		23	1.7	ug/Kg	☼	10/16/15 20:30	10/17/15 01:13	1
Acetone	ND		23	3.8	ug/Kg	☼	10/16/15 20:30	10/17/15 01:13	1
Benzene	ND		4.6	0.22	ug/Kg	☼	10/16/15 20:30	10/17/15 01:13	1
Carbon tetrachloride	ND		4.6	0.44	ug/Kg	☼	10/16/15 20:30	10/17/15 01:13	1

Client Sample ID: SB-21 7'-8'

Lab Sample ID: 480-89324-4
Date Collected: 10/15/15 10:00
Matrix: Solid
Date Received: 10/16/15 16:55
Percent Solids: 88.5

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		4.6	0.60	ug/Kg	☼	10/16/15 20:30	10/17/15 01:13	1
Chloroform	ND		4.6	0.28	ug/Kg	☼	10/16/15 20:30	10/17/15 01:13	1
cis-1,2-Dichloroethene	ND		4.6	0.58	ug/Kg	☼	10/16/15 20:30	10/17/15 01:13	1
Ethylbenzene	ND		4.6	0.31	ug/Kg	☼	10/16/15 20:30	10/17/15 01:13	1
Methyl tert-butyl ether	ND		4.6	0.45	ug/Kg	☼	10/16/15 20:30	10/17/15 01:13	1
Methylene Chloride	ND		4.6	2.1	ug/Kg	☼	10/16/15 20:30	10/17/15 01:13	1
n-Butylbenzene	ND		4.6	0.40	ug/Kg	☼	10/16/15 20:30	10/17/15 01:13	1
N-Propylbenzene	ND		4.6	0.37	ug/Kg	☼	10/16/15 20:30	10/17/15 01:13	1
sec-Butylbenzene	ND		4.6	0.40	ug/Kg	☼	10/16/15 20:30	10/17/15 01:13	1
tert-Butylbenzene	ND		4.6	0.47	ug/Kg	☼	10/16/15 20:30	10/17/15 01:13	1
Tetrachloroethene	ND		4.6	0.61	ug/Kg	☼	10/16/15 20:30	10/17/15 01:13	1
Toluene	ND		4.6	0.35	ug/Kg	☼	10/16/15 20:30	10/17/15 01:13	1
trans-1,2-Dichloroethene	ND		4.6	0.47	ug/Kg	☼	10/16/15 20:30	10/17/15 01:13	1
Trichloroethene	ND		4.6	1.0	ug/Kg	☼	10/16/15 20:30	10/17/15 01:13	1
Vinyl chloride	ND		4.6	0.56	ug/Kg	☼	10/16/15 20:30	10/17/15 01:13	1
Xylenes, Total	ND		9.1	0.77	ug/Kg	☼	10/16/15 20:30	10/17/15 01:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*106*		*60 - 140*	*10/16/15 20:30*	*10/17/15 01:13*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*64 - 126*	*10/16/15 20:30*	*10/17/15 01:13*	*1*
4-Bromofluorobenzene (Surr)	*98*		*72 - 126*	*10/16/15 20:30*	*10/17/15 01:13*	*1*
Toluene-d8 (Surr)	*104*		*71 - 125*	*10/16/15 20:30*	*10/17/15 01:13*	*1*

Client Sample ID: SB-22 6"-8"

Lab Sample ID: 480-89324-5
Date Collected: 10/15/15 10:10
Matrix: Solid
Date Received: 10/16/15 16:55
Percent Solids: 85.9

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.1	0.30	ug/Kg	☼	10/16/15 20:30	10/17/15 01:39	1
1,1-Dichloroethane	ND		4.1	0.50	ug/Kg	☼	10/16/15 20:30	10/17/15 01:39	1
1,1-Dichloroethene	ND		4.1	0.50	ug/Kg	☼	10/16/15 20:30	10/17/15 01:39	1
1,2,4-Trimethylbenzene	ND		4.1	0.78	ug/Kg	☼	10/16/15 20:30	10/17/15 01:39	1
1,2-Dichlorobenzene	ND		4.1	0.32	ug/Kg	☼	10/16/15 20:30	10/17/15 01:39	1
1,2-Dichloroethane	ND		4.1	0.20	ug/Kg	☼	10/16/15 20:30	10/17/15 01:39	1
1,3,5-Trimethylbenzene	ND		4.1	0.26	ug/Kg	☼	10/16/15 20:30	10/17/15 01:39	1
1,3-Dichlorobenzene	ND		4.1	0.21	ug/Kg	☼	10/16/15 20:30	10/17/15 01:39	1
1,4-Dichlorobenzene	ND		4.1	0.57	ug/Kg	☼	10/16/15 20:30	10/17/15 01:39	1
1,4-Dioxane	ND		81	18	ug/Kg	☼	10/16/15 20:30	10/17/15 01:39	1
2-Butanone (MEK)	ND		20	1.5	ug/Kg	☼	10/16/15 20:30	10/17/15 01:39	1
Acetone	**39**		20	3.4	ug/Kg	☼	10/16/15 20:30	10/17/15 01:39	1
Benzene	ND		4.1	0.20	ug/Kg	☼	10/16/15 20:30	10/17/15 01:39	1
Carbon tetrachloride	ND		4.1	0.39	ug/Kg	☼	10/16/15 20:30	10/17/15 01:39	1
Chlorobenzene	ND		4.1	0.54	ug/Kg	☼	10/16/15 20:30	10/17/15 01:39	1
Chloroform	ND		4.1	0.25	ug/Kg	☼	10/16/15 20:30	10/17/15 01:39	1
cis-1,2-Dichloroethene	**0.79**	**J**	4.1	0.52	ug/Kg	☼	10/16/15 20:30	10/17/15 01:39	1
Ethylbenzene	ND		4.1	0.28	ug/Kg	☼	10/16/15 20:30	10/17/15 01:39	1
Methyl tert-butyl ether	ND		4.1	0.40	ug/Kg	☼	10/16/15 20:30	10/17/15 01:39	1
Methylene Chloride	ND		4.1	1.9	ug/Kg	☼	10/16/15 20:30	10/17/15 01:39	1
n-Butylbenzene	ND		4.1	0.35	ug/Kg	☼	10/16/15 20:30	10/17/15 01:39	1

Client Sample ID: SB-22 6"-8"
Lab Sample ID: 480-89324-5

Date Collected: 10/15/15 10:10
Matrix: Solid
Date Received: 10/16/15 16:55
Percent Solids: 85.9

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		4.1	0.33	ug/Kg	☼	10/16/15 20:30	10/17/15 01:39	1
sec-Butylbenzene	ND		4.1	0.35	ug/Kg	☼	10/16/15 20:30	10/17/15 01:39	1
tert-Butylbenzene	ND		4.1	0.42	ug/Kg	☼	10/16/15 20:30	10/17/15 01:39	1
Tetrachloroethene	**0.86**	**J**	4.1	0.55	ug/Kg	☼	10/16/15 20:30	10/17/15 01:39	1
Toluene	ND		4.1	0.31	ug/Kg	☼	10/16/15 20:30	10/17/15 01:39	1
trans-1,2-Dichloroethene	ND		4.1	0.42	ug/Kg	☼	10/16/15 20:30	10/17/15 01:39	1
Trichloroethene	ND		4.1	0.89	ug/Kg	☼	10/16/15 20:30	10/17/15 01:39	1
Vinyl chloride	ND		4.1	0.50	ug/Kg	☼	10/16/15 20:30	10/17/15 01:39	1
Xylenes, Total	ND		8.1	0.68	ug/Kg	☼	10/16/15 20:30	10/17/15 01:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*109*		*60 - 140*	*10/16/15 20:30*	*10/17/15 01:39*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*64 - 126*	*10/16/15 20:30*	*10/17/15 01:39*	*1*
4-Bromofluorobenzene (Surr)	*97*		*72 - 126*	*10/16/15 20:30*	*10/17/15 01:39*	*1*
Toluene-d8 (Surr)	*105*		*71 - 125*	*10/16/15 20:30*	*10/17/15 01:39*	*1*

Client Sample ID: SB-22 7'-8'
Lab Sample ID: 480-89324-6

Date Collected: 10/15/15 10:35
Matrix: Solid
Date Received: 10/16/15 16:55
Percent Solids: 89.1

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		3.8	0.27	ug/Kg	☼	10/16/15 20:30	10/17/15 02:05	1
1,1-Dichloroethane	ND		3.8	0.46	ug/Kg	☼	10/16/15 20:30	10/17/15 02:05	1
1,1-Dichloroethene	ND		3.8	0.46	ug/Kg	☼	10/16/15 20:30	10/17/15 02:05	1
1,2,4-Trimethylbenzene	ND		3.8	0.73	ug/Kg	☼	10/16/15 20:30	10/17/15 02:05	1
1,2-Dichlorobenzene	ND		3.8	0.30	ug/Kg	☼	10/16/15 20:30	10/17/15 02:05	1
1,2-Dichloroethane	ND		3.8	0.19	ug/Kg	☼	10/16/15 20:30	10/17/15 02:05	1
1,3,5-Trimethylbenzene	ND		3.8	0.24	ug/Kg	☼	10/16/15 20:30	10/17/15 02:05	1
1,3-Dichlorobenzene	ND		3.8	0.19	ug/Kg	☼	10/16/15 20:30	10/17/15 02:05	1
1,4-Dichlorobenzene	ND		3.8	0.53	ug/Kg	☼	10/16/15 20:30	10/17/15 02:05	1
1,4-Dioxane	ND		76	17	ug/Kg	☼	10/16/15 20:30	10/17/15 02:05	1
2-Butanone (MEK)	ND		19	1.4	ug/Kg	☼	10/16/15 20:30	10/17/15 02:05	1
Acetone	**4.4**	**J**	19	3.2	ug/Kg	☼	10/16/15 20:30	10/17/15 02:05	1
Benzene	ND		3.8	0.19	ug/Kg	☼	10/16/15 20:30	10/17/15 02:05	1
Carbon tetrachloride	ND		3.8	0.37	ug/Kg	☼	10/16/15 20:30	10/17/15 02:05	1
Chlorobenzene	ND		3.8	0.50	ug/Kg	☼	10/16/15 20:30	10/17/15 02:05	1
Chloroform	ND		3.8	0.23	ug/Kg	☼	10/16/15 20:30	10/17/15 02:05	1
cis-1,2-Dichloroethene	ND		3.8	0.48	ug/Kg	☼	10/16/15 20:30	10/17/15 02:05	1
Ethylbenzene	ND		3.8	0.26	ug/Kg	☼	10/16/15 20:30	10/17/15 02:05	1
Methyl tert-butyl ether	ND		3.8	0.37	ug/Kg	☼	10/16/15 20:30	10/17/15 02:05	1
Methylene Chloride	ND		3.8	1.7	ug/Kg	☼	10/16/15 20:30	10/17/15 02:05	1
n-Butylbenzene	ND		3.8	0.33	ug/Kg	☼	10/16/15 20:30	10/17/15 02:05	1
N-Propylbenzene	ND		3.8	0.30	ug/Kg	☼	10/16/15 20:30	10/17/15 02:05	1
sec-Butylbenzene	ND		3.8	0.33	ug/Kg	☼	10/16/15 20:30	10/17/15 02:05	1
tert-Butylbenzene	ND		3.8	0.39	ug/Kg	☼	10/16/15 20:30	10/17/15 02:05	1
Tetrachloroethene	**0.63**	**J**	3.8	0.51	ug/Kg	☼	10/16/15 20:30	10/17/15 02:05	1
Toluene	ND		3.8	0.29	ug/Kg	☼	10/16/15 20:30	10/17/15 02:05	1
trans-1,2-Dichloroethene	ND		3.8	0.39	ug/Kg	☼	10/16/15 20:30	10/17/15 02:05	1
Trichloroethene	ND		3.8	0.83	ug/Kg	☼	10/16/15 20:30	10/17/15 02:05	1

Client Sample ID: SB-22 7'-8'
Lab Sample ID: 480-89324-6
Date Collected: 10/15/15 10:35
Matrix: Solid
Date Received: 10/16/15 16:55
Percent Solids: 89.1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		3.8	0.46	ug/Kg	☼	10/16/15 20:30	10/17/15 02:05	1
Xylenes, Total	ND		7.6	0.64	ug/Kg	☼	10/16/15 20:30	10/17/15 02:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*109*		*60 - 140*	*10/16/15 20:30*	*10/17/15 02:05*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*64 - 126*	*10/16/15 20:30*	*10/17/15 02:05*	*1*
4-Bromofluorobenzene (Surr)	*98*		*72 - 126*	*10/16/15 20:30*	*10/17/15 02:05*	*1*
Toluene-d8 (Surr)	*107*		*71 - 125*	*10/16/15 20:30*	*10/17/15 02:05*	*1*

Client Sample ID: SB-23 17"-24"
Lab Sample ID: 480-89324-7
Date Collected: 10/15/15 10:50
Matrix: Solid
Date Received: 10/16/15 16:55
Percent Solids: 81.8

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.5	0.33	ug/Kg	☼	10/16/15 20:30	10/17/15 02:31	1
1,1-Dichloroethane	ND		4.5	0.55	ug/Kg	☼	10/16/15 20:30	10/17/15 02:31	1
1,1-Dichloroethene	**0.89**	**J**	4.5	0.55	ug/Kg	☼	10/16/15 20:30	10/17/15 02:31	1
1,2,4-Trimethylbenzene	ND		4.5	0.86	ug/Kg	☼	10/16/15 20:30	10/17/15 02:31	1
1,2-Dichlorobenzene	ND		4.5	0.35	ug/Kg	☼	10/16/15 20:30	10/17/15 02:31	1
1,2-Dichloroethane	ND		4.5	0.23	ug/Kg	☼	10/16/15 20:30	10/17/15 02:31	1
1,3,5-Trimethylbenzene	ND		4.5	0.29	ug/Kg	☼	10/16/15 20:30	10/17/15 02:31	1
1,3-Dichlorobenzene	ND		4.5	0.23	ug/Kg	☼	10/16/15 20:30	10/17/15 02:31	1
1,4-Dichlorobenzene	ND		4.5	0.63	ug/Kg	☼	10/16/15 20:30	10/17/15 02:31	1
1,4-Dioxane	ND		90	20	ug/Kg	☼	10/16/15 20:30	10/17/15 02:31	1
2-Butanone (MEK)	ND		22	1.6	ug/Kg	☼	10/16/15 20:30	10/17/15 02:31	1
Acetone	**49**		22	3.8	ug/Kg	☼	10/16/15 20:30	10/17/15 02:31	1
Benzene	ND		4.5	0.22	ug/Kg	☼	10/16/15 20:30	10/17/15 02:31	1
Carbon tetrachloride	ND		4.5	0.44	ug/Kg	☼	10/16/15 20:30	10/17/15 02:31	1
Chlorobenzene	ND		4.5	0.59	ug/Kg	☼	10/16/15 20:30	10/17/15 02:31	1
Chloroform	ND		4.5	0.28	ug/Kg	☼	10/16/15 20:30	10/17/15 02:31	1
cis-1,2-Dichloroethene	**40**		4.5	0.58	ug/Kg	☼	10/16/15 20:30	10/17/15 02:31	1
Ethylbenzene	ND		4.5	0.31	ug/Kg	☼	10/16/15 20:30	10/17/15 02:31	1
Methyl tert-butyl ether	ND		4.5	0.44	ug/Kg	☼	10/16/15 20:30	10/17/15 02:31	1
Methylene Chloride	ND		4.5	2.1	ug/Kg	☼	10/16/15 20:30	10/17/15 02:31	1
n-Butylbenzene	ND		4.5	0.39	ug/Kg	☼	10/16/15 20:30	10/17/15 02:31	1
N-Propylbenzene	ND		4.5	0.36	ug/Kg	☼	10/16/15 20:30	10/17/15 02:31	1
sec-Butylbenzene	ND		4.5	0.39	ug/Kg	☼	10/16/15 20:30	10/17/15 02:31	1
tert-Butylbenzene	ND		4.5	0.47	ug/Kg	☼	10/16/15 20:30	10/17/15 02:31	1
Tetrachloroethene	**1700**	**E**	4.5	0.60	ug/Kg	☼	10/16/15 20:30	10/17/15 02:31	1
Toluene	ND		4.5	0.34	ug/Kg	☼	10/16/15 20:30	10/17/15 02:31	1
trans-1,2-Dichloroethene	**0.78**	**J**	4.5	0.46	ug/Kg	☼	10/16/15 20:30	10/17/15 02:31	1
Trichloroethene	**580**	**E**	4.5	0.99	ug/Kg	☼	10/16/15 20:30	10/17/15 02:31	1
Vinyl chloride	ND		4.5	0.55	ug/Kg	☼	10/16/15 20:30	10/17/15 02:31	1
Xylenes, Total	ND		9.0	0.76	ug/Kg	☼	10/16/15 20:30	10/17/15 02:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*110*		*60 - 140*	*10/16/15 20:30*	*10/17/15 02:31*	*1*
1,2-Dichloroethane-d4 (Surr)	*113*		*64 - 126*	*10/16/15 20:30*	*10/17/15 02:31*	*1*
4-Bromofluorobenzene (Surr)	*96*		*72 - 126*	*10/16/15 20:30*	*10/17/15 02:31*	*1*

Client Sample ID: SB-23 17"-24"
Lab Sample ID: 480-89324-7

Date Collected: 10/15/15 10:50
Matrix: Solid
Date Received: 10/16/15 16:55
Percent Solids: 81.8

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*99*		*71 - 125*	*10/16/15 20:30*	*10/17/15 02:31*	*1*

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		270	76	ug/Kg	☼	10/16/15 20:30	10/26/15 16:03	5
1,1-Dichloroethane	ND		270	84	ug/Kg	☼	10/16/15 20:30	10/26/15 16:03	5
1,1-Dichloroethene	ND		270	94	ug/Kg	☼	10/16/15 20:30	10/26/15 16:03	5
1,2,4-Trimethylbenzene	ND		270	76	ug/Kg	☼	10/16/15 20:30	10/26/15 16:03	5
1,2-Dichlorobenzene	ND		270	70	ug/Kg	☼	10/16/15 20:30	10/26/15 16:03	5
1,2-Dichloroethane	ND		270	110	ug/Kg	☼	10/16/15 20:30	10/26/15 16:03	5
1,3,5-Trimethylbenzene	ND		270	82	ug/Kg	☼	10/16/15 20:30	10/26/15 16:03	5
1,3-Dichlorobenzene	ND		270	73	ug/Kg	☼	10/16/15 20:30	10/26/15 16:03	5
1,4-Dichlorobenzene	ND		270	38	ug/Kg	☼	10/16/15 20:30	10/26/15 16:03	5
1,4-Dioxane	ND		5200	1400	ug/Kg	☼	10/16/15 20:30	10/26/15 16:03	5
2-Butanone (MEK)	ND		1400	810	ug/Kg	☼	10/16/15 20:30	10/26/15 16:03	5
Acetone	ND		1400	1100	ug/Kg	☼	10/16/15 20:30	10/26/15 16:03	5
Benzene	ND		270	52	ug/Kg	☼	10/16/15 20:30	10/26/15 16:03	5
Carbon tetrachloride	ND		270	70	ug/Kg	☼	10/16/15 20:30	10/26/15 16:03	5
Chlorobenzene	ND		270	36	ug/Kg	☼	10/16/15 20:30	10/26/15 16:03	5
Chloroform	ND		270	190	ug/Kg	☼	10/16/15 20:30	10/26/15 16:03	5
cis-1,2-Dichloroethene	**230**	**J**	270	75	ug/Kg	☼	10/16/15 20:30	10/26/15 16:03	5
Ethylbenzene	ND		270	79	ug/Kg	☼	10/16/15 20:30	10/26/15 16:03	5
Methyl tert-butyl ether	ND		270	100	ug/Kg	☼	10/16/15 20:30	10/26/15 16:03	5
Methylene Chloride	ND		270	54	ug/Kg	☼	10/16/15 20:30	10/26/15 16:03	5
n-Butylbenzene	ND		270	80	ug/Kg	☼	10/16/15 20:30	10/26/15 16:03	5
N-Propylbenzene	ND		270	71	ug/Kg	☼	10/16/15 20:30	10/26/15 16:03	5
sec-Butylbenzene	ND		270	100	ug/Kg	☼	10/16/15 20:30	10/26/15 16:03	5
tert-Butylbenzene	ND		270	76	ug/Kg	☼	10/16/15 20:30	10/26/15 16:03	5
Tetrachloroethene	**19000**		270	37	ug/Kg	☼	10/16/15 20:30	10/26/15 16:03	5
Toluene	ND		270	73	ug/Kg	☼	10/16/15 20:30	10/26/15 16:03	5
trans-1,2-Dichloroethene	ND		270	64	ug/Kg	☼	10/16/15 20:30	10/26/15 16:03	5
Trichloroethene	**3000**		270	76	ug/Kg	☼	10/16/15 20:30	10/26/15 16:03	5
Vinyl chloride	ND		270	91	ug/Kg	☼	10/16/15 20:30	10/26/15 16:03	5
Xylenes, Total	ND		550	150	ug/Kg	☼	10/16/15 20:30	10/26/15 16:03	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	*101*		*60 - 140*	*10/16/15 20:30*	*10/26/15 16:03*	*5*
1,2-Dichloroethane-d4 (Surr)	*88*		*53 - 146*	*10/16/15 20:30*	*10/26/15 16:03*	*5*
4-Bromofluorobenzene (Surr)	*100*		*49 - 148*	*10/16/15 20:30*	*10/26/15 16:03*	*5*
Toluene-d8 (Surr)	*105*		*50 - 149*	*10/16/15 20:30*	*10/26/15 16:03*	*5*

Client Sample ID: SB-23 6'-7'
Lab Sample ID: 480-89324-8

Date Collected: 10/15/15 11:10
Matrix: Solid
Date Received: 10/16/15 16:55
Percent Solids: 88.2

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		3.8	0.28	ug/Kg	☼	10/16/15 20:30	10/17/15 02:57	1
1,1-Dichloroethane	ND		3.8	0.46	ug/Kg	☼	10/16/15 20:30	10/17/15 02:57	1
1,1-Dichloroethene	ND		3.8	0.47	ug/Kg	☼	10/16/15 20:30	10/17/15 02:57	1

Client Sample ID: SB-23 6'-7'
Lab Sample ID: 480-89324-8

Date Collected: 10/15/15 11:10
Matrix: Solid

Date Received: 10/16/15 16:55
Percent Solids: 88.2

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	ND		3.8	0.73	ug/Kg	☼	10/16/15 20:30	10/17/15 02:57	1
1,2-Dichlorobenzene	ND		3.8	0.30	ug/Kg	☼	10/16/15 20:30	10/17/15 02:57	1
1,2-Dichloroethane	ND		3.8	0.19	ug/Kg	☼	10/16/15 20:30	10/17/15 02:57	1
1,3,5-Trimethylbenzene	ND		3.8	0.25	ug/Kg	☼	10/16/15 20:30	10/17/15 02:57	1
1,3-Dichlorobenzene	ND		3.8	0.20	ug/Kg	☼	10/16/15 20:30	10/17/15 02:57	1
1,4-Dichlorobenzene	ND		3.8	0.53	ug/Kg	☼	10/16/15 20:30	10/17/15 02:57	1
1,4-Dioxane	ND		76	17	ug/Kg	☼	10/16/15 20:30	10/17/15 02:57	1
2-Butanone (MEK)	ND		19	1.4	ug/Kg	☼	10/16/15 20:30	10/17/15 02:57	1
Acetone	**10**	**J**	19	3.2	ug/Kg	☼	10/16/15 20:30	10/17/15 02:57	1
Benzene	ND		3.8	0.19	ug/Kg	☼	10/16/15 20:30	10/17/15 02:57	1
Carbon tetrachloride	ND		3.8	0.37	ug/Kg	☼	10/16/15 20:30	10/17/15 02:57	1
Chlorobenzene	ND		3.8	0.50	ug/Kg	☼	10/16/15 20:30	10/17/15 02:57	1
Chloroform	ND		3.8	0.24	ug/Kg	☼	10/16/15 20:30	10/17/15 02:57	1
cis-1,2-Dichloroethene	**18**		3.8	0.49	ug/Kg	☼	10/16/15 20:30	10/17/15 02:57	1
Ethylbenzene	ND		3.8	0.26	ug/Kg	☼	10/16/15 20:30	10/17/15 02:57	1
Methyl tert-butyl ether	ND		3.8	0.37	ug/Kg	☼	10/16/15 20:30	10/17/15 02:57	1
Methylene Chloride	ND		3.8	1.8	ug/Kg	☼	10/16/15 20:30	10/17/15 02:57	1
n-Butylbenzene	ND		3.8	0.33	ug/Kg	☼	10/16/15 20:30	10/17/15 02:57	1
N-Propylbenzene	ND		3.8	0.30	ug/Kg	☼	10/16/15 20:30	10/17/15 02:57	1
sec-Butylbenzene	ND		3.8	0.33	ug/Kg	☼	10/16/15 20:30	10/17/15 02:57	1
tert-Butylbenzene	ND		3.8	0.40	ug/Kg	☼	10/16/15 20:30	10/17/15 02:57	1
Tetrachloroethene	**1300**	**E**	3.8	0.51	ug/Kg	☼	10/16/15 20:30	10/17/15 02:57	1
Toluene	ND		3.8	0.29	ug/Kg	☼	10/16/15 20:30	10/17/15 02:57	1
trans-1,2-Dichloroethene	ND		3.8	0.39	ug/Kg	☼	10/16/15 20:30	10/17/15 02:57	1
Trichloroethene	**180**	**E**	3.8	0.84	ug/Kg	☼	10/16/15 20:30	10/17/15 02:57	1
Vinyl chloride	ND		3.8	0.46	ug/Kg	☼	10/16/15 20:30	10/17/15 02:57	1
Xylenes, Total	ND		7.6	0.64	ug/Kg	☼	10/16/15 20:30	10/17/15 02:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*109*		*60 - 140*	*10/16/15 20:30*	*10/17/15 02:57*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*64 - 126*	*10/16/15 20:30*	*10/17/15 02:57*	*1*
4-Bromofluorobenzene (Surr)	*93*		*72 - 126*	*10/16/15 20:30*	*10/17/15 02:57*	*1*
Toluene-d8 (Surr)	*100*		*71 - 125*	*10/16/15 20:30*	*10/17/15 02:57*	*1*

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		230	63	ug/Kg	☼	10/16/15 20:30	10/26/15 16:30	5
1,1-Dichloroethane	ND		230	71	ug/Kg	☼	10/16/15 20:30	10/26/15 16:30	5
1,1-Dichloroethene	ND		230	79	ug/Kg	☼	10/16/15 20:30	10/26/15 16:30	5
1,2,4-Trimethylbenzene	ND		230	64	ug/Kg	☼	10/16/15 20:30	10/26/15 16:30	5
1,2-Dichlorobenzene	ND		230	58	ug/Kg	☼	10/16/15 20:30	10/26/15 16:30	5
1,2-Dichloroethane	ND		230	94	ug/Kg	☼	10/16/15 20:30	10/26/15 16:30	5
1,3,5-Trimethylbenzene	ND		230	69	ug/Kg	☼	10/16/15 20:30	10/26/15 16:30	5
1,3-Dichlorobenzene	ND		230	61	ug/Kg	☼	10/16/15 20:30	10/26/15 16:30	5
1,4-Dichlorobenzene	ND		230	32	ug/Kg	☼	10/16/15 20:30	10/26/15 16:30	5
1,4-Dioxane	ND		4400	1200	ug/Kg	☼	10/16/15 20:30	10/26/15 16:30	5
2-Butanone (MEK)	ND		1100	680	ug/Kg	☼	10/16/15 20:30	10/26/15 16:30	5
Acetone	ND		1100	940	ug/Kg	☼	10/16/15 20:30	10/26/15 16:30	5
Benzene	ND		230	44	ug/Kg	☼	10/16/15 20:30	10/26/15 16:30	5
Carbon tetrachloride	ND		230	58	ug/Kg	☼	10/16/15 20:30	10/26/15 16:30	5

Client Sample ID: SB-23 6'-7'

Lab Sample ID: 480-89324-8
Date Collected: 10/15/15 11:10
Matrix: Solid
Date Received: 10/16/15 16:55
Percent Solids: 88.2

Method: 8260C - Volatile Organic Compounds by GC/MS - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		230	30	ug/Kg	☼	10/16/15 20:30	10/26/15 16:30	5
Chloroform	ND		230	160	ug/Kg	☼	10/16/15 20:30	10/26/15 16:30	5
cis-1,2-Dichloroethene	**82**	**J**	230	63	ug/Kg	☼	10/16/15 20:30	10/26/15 16:30	5
Ethylbenzene	ND		230	67	ug/Kg	☼	10/16/15 20:30	10/26/15 16:30	5
Methyl tert-butyl ether	ND		230	87	ug/Kg	☼	10/16/15 20:30	10/26/15 16:30	5
Methylene Chloride	ND		230	45	ug/Kg	☼	10/16/15 20:30	10/26/15 16:30	5
n-Butylbenzene	ND		230	67	ug/Kg	☼	10/16/15 20:30	10/26/15 16:30	5
N-Propylbenzene	ND		230	60	ug/Kg	☼	10/16/15 20:30	10/26/15 16:30	5
sec-Butylbenzene	ND		230	84	ug/Kg	☼	10/16/15 20:30	10/26/15 16:30	5
tert-Butylbenzene	ND		230	64	ug/Kg	☼	10/16/15 20:30	10/26/15 16:30	5
Tetrachloroethene	**4900**		230	31	ug/Kg	☼	10/16/15 20:30	10/26/15 16:30	5
Toluene	ND		230	61	ug/Kg	☼	10/16/15 20:30	10/26/15 16:30	5
trans-1,2-Dichloroethene	ND		230	54	ug/Kg	☼	10/16/15 20:30	10/26/15 16:30	5
Trichloroethene	**490**		230	64	ug/Kg	☼	10/16/15 20:30	10/26/15 16:30	5
Vinyl chloride	ND		230	77	ug/Kg	☼	10/16/15 20:30	10/26/15 16:30	5
Xylenes, Total	ND		460	130	ug/Kg	☼	10/16/15 20:30	10/26/15 16:30	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*101*		*60 - 140*	*10/16/15 20:30*	*10/26/15 16:30*	*5*
1,2-Dichloroethane-d4 (Surr)	*88*		*53 - 146*	*10/16/15 20:30*	*10/26/15 16:30*	*5*
4-Bromofluorobenzene (Surr)	*100*		*49 - 148*	*10/16/15 20:30*	*10/26/15 16:30*	*5*
Toluene-d8 (Surr)	*107*		*50 - 149*	*10/16/15 20:30*	*10/26/15 16:30*	*5*

Client Sample ID: SB-24 6"-14"

Lab Sample ID: 480-89324-9
Date Collected: 10/15/15 11:20
Matrix: Solid
Date Received: 10/16/15 16:55
Percent Solids: 82.9

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		940	260	ug/Kg	☼	10/16/15 20:30	10/26/15 16:56	10
1,1-Dichloroethane	ND		940	290	ug/Kg	☼	10/16/15 20:30	10/26/15 16:56	10
1,1-Dichloroethene	ND		940	320	ug/Kg	☼	10/16/15 20:30	10/26/15 16:56	10
1,2,4-Trimethylbenzene	ND		940	260	ug/Kg	☼	10/16/15 20:30	10/26/15 16:56	10
1,2-Dichlorobenzene	ND		940	240	ug/Kg	☼	10/16/15 20:30	10/26/15 16:56	10
1,2-Dichloroethane	ND		940	380	ug/Kg	☼	10/16/15 20:30	10/26/15 16:56	10
1,3,5-Trimethylbenzene	ND		940	280	ug/Kg	☼	10/16/15 20:30	10/26/15 16:56	10
1,3-Dichlorobenzene	ND		940	250	ug/Kg	☼	10/16/15 20:30	10/26/15 16:56	10
1,4-Dichlorobenzene	ND		940	130	ug/Kg	☼	10/16/15 20:30	10/26/15 16:56	10
1,4-Dioxane	ND		18000	4800	ug/Kg	☼	10/16/15 20:30	10/26/15 16:56	10
2-Butanone (MEK)	ND		4700	2800	ug/Kg	☼	10/16/15 20:30	10/26/15 16:56	10
Acetone	ND		4700	3900	ug/Kg	☼	10/16/15 20:30	10/26/15 16:56	10
Benzene	ND		940	180	ug/Kg	☼	10/16/15 20:30	10/26/15 16:56	10
Carbon tetrachloride	ND		940	240	ug/Kg	☼	10/16/15 20:30	10/26/15 16:56	10
Chlorobenzene	ND		940	120	ug/Kg	☼	10/16/15 20:30	10/26/15 16:56	10
Chloroform	ND		940	640	ug/Kg	☼	10/16/15 20:30	10/26/15 16:56	10
cis-1,2-Dichloroethene	**29000**		940	260	ug/Kg	☼	10/16/15 20:30	10/26/15 16:56	10
Ethylbenzene	ND		940	270	ug/Kg	☼	10/16/15 20:30	10/26/15 16:56	10
Methyl tert-butyl ether	ND		940	350	ug/Kg	☼	10/16/15 20:30	10/26/15 16:56	10
Methylene Chloride	ND		940	190	ug/Kg	☼	10/16/15 20:30	10/26/15 16:56	10
n-Butylbenzene	ND		940	270	ug/Kg	☼	10/16/15 20:30	10/26/15 16:56	10

Client Sample ID: SB-24 6"-14"
Lab Sample ID: 480-89324-9

Date Collected: 10/15/15 11:20
Matrix: Solid

Date Received: 10/16/15 16:55
Percent Solids: 82.9

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		940	250	ug/Kg	☼	10/16/15 20:30	10/26/15 16:56	10
sec-Butylbenzene	ND		940	340	ug/Kg	☼	10/16/15 20:30	10/26/15 16:56	10
tert-Butylbenzene	ND		940	260	ug/Kg	☼	10/16/15 20:30	10/26/15 16:56	10
Tetrachloroethene	**970000**	**E**	940	130	ug/Kg	☼	10/16/15 20:30	10/26/15 16:56	10
Toluene	**500**	**J**	940	250	ug/Kg	☼	10/16/15 20:30	10/26/15 16:56	10
trans-1,2-Dichloroethene	ND		940	220	ug/Kg	☼	10/16/15 20:30	10/26/15 16:56	10
Trichloroethene	**15000**		940	260	ug/Kg	☼	10/16/15 20:30	10/26/15 16:56	10
Vinyl chloride	ND		940	310	ug/Kg	☼	10/16/15 20:30	10/26/15 16:56	10
Xylenes, Total	**980**	**J**	1900	520	ug/Kg	☼	10/16/15 20:30	10/26/15 16:56	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*104*		*60 - 140*	*10/16/15 20:30*	*10/26/15 16:56*	*10*
1,2-Dichloroethane-d4 (Surr)	*91*		*53 - 146*	*10/16/15 20:30*	*10/26/15 16:56*	*10*
4-Bromofluorobenzene (Surr)	*95*		*49 - 148*	*10/16/15 20:30*	*10/26/15 16:56*	*10*
Toluene-d8 (Surr)	*101*		*50 - 149*	*10/16/15 20:30*	*10/26/15 16:56*	*10*

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		19000	5200	ug/Kg	☼	10/16/15 20:30	10/27/15 01:38	200
1,1-Dichloroethane	ND		19000	5800	ug/Kg	☼	10/16/15 20:30	10/27/15 01:38	200
1,1-Dichloroethene	ND		19000	6500	ug/Kg	☼	10/16/15 20:30	10/27/15 01:38	200
1,2,4-Trimethylbenzene	ND		19000	5200	ug/Kg	☼	10/16/15 20:30	10/27/15 01:38	200
1,2-Dichlorobenzene	ND		19000	4800	ug/Kg	☼	10/16/15 20:30	10/27/15 01:38	200
1,2-Dichloroethane	ND		19000	7700	ug/Kg	☼	10/16/15 20:30	10/27/15 01:38	200
1,3,5-Trimethylbenzene	ND		19000	5700	ug/Kg	☼	10/16/15 20:30	10/27/15 01:38	200
1,3-Dichlorobenzene	ND		19000	5000	ug/Kg	☼	10/16/15 20:30	10/27/15 01:38	200
1,4-Dichlorobenzene	ND		19000	2600	ug/Kg	☼	10/16/15 20:30	10/27/15 01:38	200
1,4-Dioxane	ND		360000	96000	ug/Kg	☼	10/16/15 20:30	10/27/15 01:38	200
2-Butanone (MEK)	ND		94000	56000	ug/Kg	☼	10/16/15 20:30	10/27/15 01:38	200
Acetone	ND		94000	77000	ug/Kg	☼	10/16/15 20:30	10/27/15 01:38	200
Benzene	ND		19000	3600	ug/Kg	☼	10/16/15 20:30	10/27/15 01:38	200
Carbon tetrachloride	ND		19000	4800	ug/Kg	☼	10/16/15 20:30	10/27/15 01:38	200
Chlorobenzene	ND		19000	2500	ug/Kg	☼	10/16/15 20:30	10/27/15 01:38	200
Chloroform	ND		19000	13000	ug/Kg	☼	10/16/15 20:30	10/27/15 01:38	200
cis-1,2-Dichloroethene	**27000**		19000	5200	ug/Kg	☼	10/16/15 20:30	10/27/15 01:38	200
Ethylbenzene	ND		19000	5500	ug/Kg	☼	10/16/15 20:30	10/27/15 01:38	200
Methyl tert-butyl ether	ND		19000	7100	ug/Kg	☼	10/16/15 20:30	10/27/15 01:38	200
Methylene Chloride	ND		19000	3700	ug/Kg	☼	10/16/15 20:30	10/27/15 01:38	200
n-Butylbenzene	ND		19000	5500	ug/Kg	☼	10/16/15 20:30	10/27/15 01:38	200
N-Propylbenzene	ND		19000	4900	ug/Kg	☼	10/16/15 20:30	10/27/15 01:38	200
sec-Butylbenzene	ND		19000	6900	ug/Kg	☼	10/16/15 20:30	10/27/15 01:38	200
tert-Butylbenzene	ND		19000	5200	ug/Kg	☼	10/16/15 20:30	10/27/15 01:38	200
Tetrachloroethene	**1600000**		19000	2500	ug/Kg	☼	10/16/15 20:30	10/27/15 01:38	200
Toluene	ND		19000	5000	ug/Kg	☼	10/16/15 20:30	10/27/15 01:38	200
trans-1,2-Dichloroethene	ND		19000	4400	ug/Kg	☼	10/16/15 20:30	10/27/15 01:38	200
Trichloroethene	**15000**	**J**	19000	5200	ug/Kg	☼	10/16/15 20:30	10/27/15 01:38	200
Vinyl chloride	ND		19000	6300	ug/Kg	☼	10/16/15 20:30	10/27/15 01:38	200
Xylenes, Total	ND		37000	10000	ug/Kg	☼	10/16/15 20:30	10/27/15 01:38	200

Client Sample ID: SB-24 6"-14"
Lab Sample ID: 480-89324-9

Date Collected: 10/15/15 11:20
Matrix: Solid

Date Received: 10/16/15 16:55
Percent Solids: 82.9

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*108*		*60 - 140*	*10/16/15 20:30*	*10/27/15 01:38*	*200*
1,2-Dichloroethane-d4 (Surr)	*105*		*53 - 146*	*10/16/15 20:30*	*10/27/15 01:38*	*200*
4-Bromofluorobenzene (Surr)	*95*		*49 - 148*	*10/16/15 20:30*	*10/27/15 01:38*	*200*
Toluene-d8 (Surr)	*98*		*50 - 149*	*10/16/15 20:30*	*10/27/15 01:38*	*200*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		4100	600	ug/Kg	☼	10/19/15 08:23	10/21/15 01:48	20
bis (2-chloroisopropyl) ether	ND		4100	810	ug/Kg	☼	10/19/15 08:23	10/21/15 01:48	20
2,4,5-Trichlorophenol	ND		4100	1100	ug/Kg	☼	10/19/15 08:23	10/21/15 01:48	20
2,4,6-Trichlorophenol	ND		4100	810	ug/Kg	☼	10/19/15 08:23	10/21/15 01:48	20
2,4-Dichlorophenol	ND		4100	430	ug/Kg	☼	10/19/15 08:23	10/21/15 01:48	20
2,4-Dimethylphenol	ND		4100	980	ug/Kg	☼	10/19/15 08:23	10/21/15 01:48	20
2,4-Dinitrophenol	ND		40000	19000	ug/Kg	☼	10/19/15 08:23	10/21/15 01:48	20
2,4-Dinitrotoluene	ND		4100	840	ug/Kg	☼	10/19/15 08:23	10/21/15 01:48	20
2,6-Dinitrotoluene	ND		4100	480	ug/Kg	☼	10/19/15 08:23	10/21/15 01:48	20
2-Chloronaphthalene	ND		4100	670	ug/Kg	☼	10/19/15 08:23	10/21/15 01:48	20
2-Chlorophenol	ND		4100	740	ug/Kg	☼	10/19/15 08:23	10/21/15 01:48	20
2-Methylphenol	ND		4100	480	ug/Kg	☼	10/19/15 08:23	10/21/15 01:48	20
2-Methylnaphthalene	ND		4100	810	ug/Kg	☼	10/19/15 08:23	10/21/15 01:48	20
2-Nitroaniline	ND		7900	600	ug/Kg	☼	10/19/15 08:23	10/21/15 01:48	20
2-Nitrophenol	ND		4100	1100	ug/Kg	☼	10/19/15 08:23	10/21/15 01:48	20
3,3'-Dichlorobenzidine	ND		7900	4800	ug/Kg	☼	10/19/15 08:23	10/21/15 01:48	20
3-Nitroaniline	ND		7900	1100	ug/Kg	☼	10/19/15 08:23	10/21/15 01:48	20
4,6-Dinitro-2-methylphenol	ND		7900	4100	ug/Kg	☼	10/19/15 08:23	10/21/15 01:48	20
4-Bromophenyl phenyl ether	ND		4100	570	ug/Kg	☼	10/19/15 08:23	10/21/15 01:48	20
4-Chloro-3-methylphenol	ND		4100	1000	ug/Kg	☼	10/19/15 08:23	10/21/15 01:48	20
4-Chloroaniline	ND		4100	1000	ug/Kg	☼	10/19/15 08:23	10/21/15 01:48	20
4-Chlorophenyl phenyl ether	ND		4100	500	ug/Kg	☼	10/19/15 08:23	10/21/15 01:48	20
4-Methylphenol	ND		7900	480	ug/Kg	☼	10/19/15 08:23	10/21/15 01:48	20
4-Nitroaniline	ND		7900	2100	ug/Kg	☼	10/19/15 08:23	10/21/15 01:48	20
4-Nitrophenol	ND		7900	2800	ug/Kg	☼	10/19/15 08:23	10/21/15 01:48	20
Acenaphthene	ND		4100	600	ug/Kg	☼	10/19/15 08:23	10/21/15 01:48	20
Acenaphthylene	ND		4100	530	ug/Kg	☼	10/19/15 08:23	10/21/15 01:48	20
Acetophenone	ND		4100	550	ug/Kg	☼	10/19/15 08:23	10/21/15 01:48	20
Anthracene	ND		4100	1000	ug/Kg	☼	10/19/15 08:23	10/21/15 01:48	20
Atrazine	ND		4100	1400	ug/Kg	☼	10/19/15 08:23	10/21/15 01:48	20
Benzaldehyde	ND		4100	3200	ug/Kg	☼	10/19/15 08:23	10/21/15 01:48	20
Benzo[a]anthracene	**760**	**J**	4100	410	ug/Kg	☼	10/19/15 08:23	10/21/15 01:48	20
Benzo[a]pyrene	**2100**	**J**	4100	600	ug/Kg	☼	10/19/15 08:23	10/21/15 01:48	20
Benzo[b]fluoranthene	**2500**	**J**	4100	650	ug/Kg	☼	10/19/15 08:23	10/21/15 01:48	20
Benzo[g,h,i]perylene	**2600**	**J**	4100	430	ug/Kg	☼	10/19/15 08:23	10/21/15 01:48	20
Benzo[k]fluoranthene	**1200**	**J**	4100	530	ug/Kg	☼	10/19/15 08:23	10/21/15 01:48	20
Bis(2-chloroethoxy)methane	ND		4100	860	ug/Kg	☼	10/19/15 08:23	10/21/15 01:48	20
Bis(2-chloroethyl)ether	ND		4100	530	ug/Kg	☼	10/19/15 08:23	10/21/15 01:48	20
Bis(2-ethylhexyl) phthalate	ND		4100	1400	ug/Kg	☼	10/19/15 08:23	10/21/15 01:48	20
Butyl benzyl phthalate	ND		4100	670	ug/Kg	☼	10/19/15 08:23	10/21/15 01:48	20
Caprolactam	ND		4100	1200	ug/Kg	☼	10/19/15 08:23	10/21/15 01:48	20
Carbazole	ND		4100	480	ug/Kg	☼	10/19/15 08:23	10/21/15 01:48	20
Chrysene	**1100**	**J**	4100	910	ug/Kg	☼	10/19/15 08:23	10/21/15 01:48	20

Client Sample ID: SB-24 6"-14"
Lab Sample ID: 480-89324-9

Date Collected: 10/15/15 11:20
Matrix: Solid

Date Received: 10/16/15 16:55
Percent Solids: 82.9

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		4100	720	ug/Kg	☼	10/19/15 08:23	10/21/15 01:48	20
Di-n-butyl phthalate	ND		4100	690	ug/Kg	☼	10/19/15 08:23	10/21/15 01:48	20
Di-n-octyl phthalate	ND		4100	480	ug/Kg	☼	10/19/15 08:23	10/21/15 01:48	20
Dibenzofuran	ND		4100	480	ug/Kg	☼	10/19/15 08:23	10/21/15 01:48	20
Diethyl phthalate	ND		4100	530	ug/Kg	☼	10/19/15 08:23	10/21/15 01:48	20
Dimethyl phthalate	ND		4100	480	ug/Kg	☼	10/19/15 08:23	10/21/15 01:48	20
Fluoranthene	**1500**	**J**	4100	430	ug/Kg	☼	10/19/15 08:23	10/21/15 01:48	20
Fluorene	ND		4100	480	ug/Kg	☼	10/19/15 08:23	10/21/15 01:48	20
Hexachlorobenzene	ND		4100	550	ug/Kg	☼	10/19/15 08:23	10/21/15 01:48	20
Hexachlorobutadiene	ND		4100	600	ug/Kg	☼	10/19/15 08:23	10/21/15 01:48	20
Hexachlorocyclopentadiene	ND		4100	550	ug/Kg	☼	10/19/15 08:23	10/21/15 01:48	20
Hexachloroethane	ND		4100	530	ug/Kg	☼	10/19/15 08:23	10/21/15 01:48	20
Indeno[1,2,3-cd]pyrene	**2500**	**J**	4100	500	ug/Kg	☼	10/19/15 08:23	10/21/15 01:48	20
Isophorone	ND		4100	860	ug/Kg	☼	10/19/15 08:23	10/21/15 01:48	20
N-Nitrosodi-n-propylamine	ND		4100	690	ug/Kg	☼	10/19/15 08:23	10/21/15 01:48	20
N-Nitrosodiphenylamine	ND		4100	3300	ug/Kg	☼	10/19/15 08:23	10/21/15 01:48	20
Naphthalene	ND		4100	530	ug/Kg	☼	10/19/15 08:23	10/21/15 01:48	20
Nitrobenzene	ND		4100	450	ug/Kg	☼	10/19/15 08:23	10/21/15 01:48	20
Pentachlorophenol	ND		7900	4100	ug/Kg	☼	10/19/15 08:23	10/21/15 01:48	20
Phenanthrene	ND		4100	600	ug/Kg	☼	10/19/15 08:23	10/21/15 01:48	20
Phenol	ND		4100	620	ug/Kg	☼	10/19/15 08:23	10/21/15 01:48	20
Pyrene	**1600**	**J**	4100	480	ug/Kg	☼	10/19/15 08:23	10/21/15 01:48	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*74*		*34 - 132*	*10/19/15 08:23*	*10/21/15 01:48*	*20*
Phenol-d5 (Surr)	*82*		*11 - 120*	*10/19/15 08:23*	*10/21/15 01:48*	*20*
p-Terphenyl-d14 (Surr)	*96*		*65 - 153*	*10/19/15 08:23*	*10/21/15 01:48*	*20*
2,4,6-Tribromophenol (Surr)	*173*	*X*	*39 - 146*	*10/19/15 08:23*	*10/21/15 01:48*	*20*
2-Fluorobiphenyl	*91*		*37 - 120*	*10/19/15 08:23*	*10/21/15 01:48*	*20*
2-Fluorophenol (Surr)	*82*		*18 - 120*	*10/19/15 08:23*	*10/21/15 01:48*	*20*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	**6.4**	**J B**	20	3.8	ug/Kg	☼	10/19/15 08:31	10/22/15 13:24	10
4,4'-DDE	ND		20	4.1	ug/Kg	☼	10/19/15 08:31	10/22/15 13:24	10
4,4'-DDT	**8.4**	**J**	20	4.6	ug/Kg	☼	10/19/15 08:31	10/22/15 13:24	10
Aldrin	ND		20	4.8	ug/Kg	☼	10/19/15 08:31	10/22/15 13:24	10
alpha-BHC	ND		20	3.5	ug/Kg	☼	10/19/15 08:31	10/22/15 13:24	10
alpha-Chlordane	ND		20	9.8	ug/Kg	☼	10/19/15 08:31	10/22/15 13:24	10
beta-BHC	ND		20	3.5	ug/Kg	☼	10/19/15 08:31	10/22/15 13:24	10
delta-BHC	ND		20	3.7	ug/Kg	☼	10/19/15 08:31	10/22/15 13:24	10
Dieldrin	ND		20	4.7	ug/Kg	☼	10/19/15 08:31	10/22/15 13:24	10
Endosulfan I	ND		20	3.8	ug/Kg	☼	10/19/15 08:31	10/22/15 13:24	10
Endosulfan II	ND		20	3.5	ug/Kg	☼	10/19/15 08:31	10/22/15 13:24	10
Endosulfan sulfate	**4.9**	**J**	20	3.7	ug/Kg	☼	10/19/15 08:31	10/22/15 13:24	10
Endrin	ND		20	3.9	ug/Kg	☼	10/19/15 08:31	10/22/15 13:24	10
gamma-BHC (Lindane)	**4.9**	**J**	20	3.6	ug/Kg	☼	10/19/15 08:31	10/22/15 13:24	10
Heptachlor	ND		20	4.3	ug/Kg	☼	10/19/15 08:31	10/22/15 13:24	10

Client Sample ID: SB-24 6"-14"
Lab Sample ID: 480-89324-9

Date Collected: 10/15/15 11:20
Matrix: Solid

Date Received: 10/16/15 16:55
Percent Solids: 82.9

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	80		32 - 136	10/19/15 08:31	10/22/15 13:24	10
DCB Decachlorobiphenyl	132		32 - 136	10/19/15 08:31	10/22/15 13:24	10
Tetrachloro-m-xylene	135	X	30 - 124	10/19/15 08:31	10/22/15 13:24	10
Tetrachloro-m-xylene	138	X	30 - 124	10/19/15 08:31	10/22/15 13:24	10

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.26	0.051	mg/Kg	☼	10/19/15 08:39	10/19/15 21:18	1
PCB-1221	ND		0.26	0.051	mg/Kg	☼	10/19/15 08:39	10/19/15 21:18	1
PCB-1232	ND		0.26	0.051	mg/Kg	☼	10/19/15 08:39	10/19/15 21:18	1
PCB-1242	ND		0.26	0.051	mg/Kg	☼	10/19/15 08:39	10/19/15 21:18	1
PCB-1248	ND		0.26	0.051	mg/Kg	☼	10/19/15 08:39	10/19/15 21:18	1
PCB-1254	ND		0.26	0.12	mg/Kg	☼	10/19/15 08:39	10/19/15 21:18	1
PCB-1260	ND		0.26	0.12	mg/Kg	☼	10/19/15 08:39	10/19/15 21:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	96		60 - 154	10/19/15 08:39	10/19/15 21:18	1
Tetrachloro-m-xylene	103		60 - 154	10/19/15 08:39	10/19/15 21:18	1
DCB Decachlorobiphenyl	93		65 - 174	10/19/15 08:39	10/19/15 21:18	1
DCB Decachlorobiphenyl	110		65 - 174	10/19/15 08:39	10/19/15 21:18	1

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		20	7.2	ug/Kg	☼	10/26/15 11:29	10/28/15 17:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	97		28 - 129	10/26/15 11:29	10/28/15 17:27	1
2,4-Dichlorophenylacetic acid	94		28 - 129	10/26/15 11:29	10/28/15 17:27	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**5.0**		2.4	0.48	mg/Kg	☼	10/19/15 12:20	10/21/15 03:22	1
Barium	**81.4**		0.60	0.13	mg/Kg	☼	10/19/15 12:20	10/21/15 03:22	1
Beryllium	**0.69**		0.24	0.034	mg/Kg	☼	10/19/15 12:20	10/21/15 03:22	1
Cadmium	**0.46**		0.24	0.036	mg/Kg	☼	10/19/15 12:20	10/21/15 03:22	1
Copper	**8.2**		2.4	0.50	mg/Kg	☼	10/19/15 12:20	10/21/15 11:18	2
Lead	**28.2**		1.2	0.29	mg/Kg	☼	10/19/15 12:20	10/21/15 03:22	1
Manganese	**426**	**B**	0.24	0.038	mg/Kg	☼	10/19/15 12:20	10/21/15 03:22	1
Nickel	**8.2**		6.0	0.28	mg/Kg	☼	10/19/15 12:20	10/21/15 03:22	1
Selenium	ND		4.8	0.48	mg/Kg	☼	10/19/15 12:20	10/21/15 03:22	1
Silver	ND		0.72	0.24	mg/Kg	☼	10/19/15 12:20	10/21/15 03:22	1
Zinc	**77.8**		2.4	0.77	mg/Kg	☼	10/19/15 12:20	10/21/15 03:22	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.010**	**J**	0.022	0.0091	mg/Kg	☼	10/19/15 11:20	10/19/15 18:22	1

Client Sample ID: SB-24 14'-15'
Lab Sample ID: 480-89324-10
Date Collected: 10/15/15 13:05
Matrix: Solid
Date Received: 10/16/15 16:55
Percent Solids: 89.6

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		3.9	0.28	ug/Kg	☼	10/16/15 20:30	10/17/15 03:48	1
1,1-Dichloroethane	ND		3.9	0.47	ug/Kg	☼	10/16/15 20:30	10/17/15 03:48	1
1,1-Dichloroethene	**0.82**	**J**	3.9	0.47	ug/Kg	☼	10/16/15 20:30	10/17/15 03:48	1
1,2,4-Trimethylbenzene	ND		3.9	0.74	ug/Kg	☼	10/16/15 20:30	10/17/15 03:48	1
1,2-Dichlorobenzene	ND		3.9	0.30	ug/Kg	☼	10/16/15 20:30	10/17/15 03:48	1
1,2-Dichloroethane	ND		3.9	0.19	ug/Kg	☼	10/16/15 20:30	10/17/15 03:48	1
1,3,5-Trimethylbenzene	ND		3.9	0.25	ug/Kg	☼	10/16/15 20:30	10/17/15 03:48	1
1,3-Dichlorobenzene	ND		3.9	0.20	ug/Kg	☼	10/16/15 20:30	10/17/15 03:48	1
1,4-Dichlorobenzene	ND		3.9	0.54	ug/Kg	☼	10/16/15 20:30	10/17/15 03:48	1
1,4-Dioxane	ND		77	17	ug/Kg	☼	10/16/15 20:30	10/17/15 03:48	1
2-Butanone (MEK)	ND		19	1.4	ug/Kg	☼	10/16/15 20:30	10/17/15 03:48	1
Acetone	**5.0**	**J**	19	3.3	ug/Kg	☼	10/16/15 20:30	10/17/15 03:48	1
Benzene	ND		3.9	0.19	ug/Kg	☼	10/16/15 20:30	10/17/15 03:48	1
Carbon tetrachloride	ND		3.9	0.37	ug/Kg	☼	10/16/15 20:30	10/17/15 03:48	1
Chlorobenzene	ND		3.9	0.51	ug/Kg	☼	10/16/15 20:30	10/17/15 03:48	1
Chloroform	**0.49**	**J**	3.9	0.24	ug/Kg	☼	10/16/15 20:30	10/17/15 03:48	1
cis-1,2-Dichloroethene	**7.8**		3.9	0.50	ug/Kg	☼	10/16/15 20:30	10/17/15 03:48	1
Ethylbenzene	ND		3.9	0.27	ug/Kg	☼	10/16/15 20:30	10/17/15 03:48	1
Methyl tert-butyl ether	ND		3.9	0.38	ug/Kg	☼	10/16/15 20:30	10/17/15 03:48	1
Methylene Chloride	ND		3.9	1.8	ug/Kg	☼	10/16/15 20:30	10/17/15 03:48	1
n-Butylbenzene	ND		3.9	0.34	ug/Kg	☼	10/16/15 20:30	10/17/15 03:48	1
N-Propylbenzene	ND		3.9	0.31	ug/Kg	☼	10/16/15 20:30	10/17/15 03:48	1
sec-Butylbenzene	ND		3.9	0.34	ug/Kg	☼	10/16/15 20:30	10/17/15 03:48	1
tert-Butylbenzene	ND		3.9	0.40	ug/Kg	☼	10/16/15 20:30	10/17/15 03:48	1
Tetrachloroethene	**4600**	**E**	3.9	0.52	ug/Kg	☼	10/16/15 20:30	10/17/15 03:48	1
Toluene	**0.44**	**J B**	3.9	0.29	ug/Kg	☼	10/16/15 20:30	10/17/15 03:48	1
trans-1,2-Dichloroethene	ND		3.9	0.40	ug/Kg	☼	10/16/15 20:30	10/17/15 03:48	1
Trichloroethene	**23**		3.9	0.85	ug/Kg	☼	10/16/15 20:30	10/17/15 03:48	1
Vinyl chloride	ND		3.9	0.47	ug/Kg	☼	10/16/15 20:30	10/17/15 03:48	1
Xylenes, Total	ND		7.7	0.65	ug/Kg	☼	10/16/15 20:30	10/17/15 03:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*111*		*60 - 140*	*10/16/15 20:30*	*10/17/15 03:48*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*64 - 126*	*10/16/15 20:30*	*10/17/15 03:48*	*1*
4-Bromofluorobenzene (Surr)	*94*		*72 - 126*	*10/16/15 20:30*	*10/17/15 03:48*	*1*
Toluene-d8 (Surr)	*103*		*71 - 125*	*10/16/15 20:30*	*10/17/15 03:48*	*1*

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		3300	910	ug/Kg	☼	10/16/15 20:30	10/27/15 23:13	80
1,1-Dichloroethane	ND		3300	1000	ug/Kg	☼	10/16/15 20:30	10/27/15 23:13	80
1,1-Dichloroethene	ND		3300	1100	ug/Kg	☼	10/16/15 20:30	10/27/15 23:13	80
1,2,4-Trimethylbenzene	ND		3300	910	ug/Kg	☼	10/16/15 20:30	10/27/15 23:13	80
1,2-Dichlorobenzene	ND		3300	840	ug/Kg	☼	10/16/15 20:30	10/27/15 23:13	80
1,2-Dichloroethane	ND		3300	1300	ug/Kg	☼	10/16/15 20:30	10/27/15 23:13	80
1,3,5-Trimethylbenzene	ND		3300	990	ug/Kg	☼	10/16/15 20:30	10/27/15 23:13	80
1,3-Dichlorobenzene	ND		3300	880	ug/Kg	☼	10/16/15 20:30	10/27/15 23:13	80
1,4-Dichlorobenzene	ND		3300	460	ug/Kg	☼	10/16/15 20:30	10/27/15 23:13	80
1,4-Dioxane	ND		62000	17000	ug/Kg	☼	10/16/15 20:30	10/27/15 23:13	80
2-Butanone (MEK)	ND		16000	9700	ug/Kg	☼	10/16/15 20:30	10/27/15 23:13	80

Client Sample ID: SB-24 14'-15'
Lab Sample ID: 480-89324-10

Date Collected: 10/15/15 13:05
Matrix: Solid
Date Received: 10/16/15 16:55
Percent Solids: 89.6

Method: 8260C - Volatile Organic Compounds by GC/MS - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		16000	13000	ug/Kg	☼	10/16/15 20:30	10/27/15 23:13	80
Benzene	ND		3300	620	ug/Kg	☼	10/16/15 20:30	10/27/15 23:13	80
Carbon tetrachloride	ND		3300	840	ug/Kg	☼	10/16/15 20:30	10/27/15 23:13	80
Chlorobenzene	ND		3300	430	ug/Kg	☼	10/16/15 20:30	10/27/15 23:13	80
Chloroform	ND		3300	2200	ug/Kg	☼	10/16/15 20:30	10/27/15 23:13	80
cis-1,2-Dichloroethene	ND		3300	900	ug/Kg	☼	10/16/15 20:30	10/27/15 23:13	80
Ethylbenzene	ND		3300	950	ug/Kg	☼	10/16/15 20:30	10/27/15 23:13	80
Methyl tert-butyl ether	ND		3300	1200	ug/Kg	☼	10/16/15 20:30	10/27/15 23:13	80
Methylene Chloride	ND		3300	650	ug/Kg	☼	10/16/15 20:30	10/27/15 23:13	80
n-Butylbenzene	ND		3300	960	ug/Kg	☼	10/16/15 20:30	10/27/15 23:13	80
N-Propylbenzene	ND		3300	860	ug/Kg	☼	10/16/15 20:30	10/27/15 23:13	80
sec-Butylbenzene	ND		3300	1200	ug/Kg	☼	10/16/15 20:30	10/27/15 23:13	80
tert-Butylbenzene	ND		3300	910	ug/Kg	☼	10/16/15 20:30	10/27/15 23:13	80
Tetrachloroethene	**170000**		3300	440	ug/Kg	☼	10/16/15 20:30	10/27/15 23:13	80
Toluene	ND		3300	880	ug/Kg	☼	10/16/15 20:30	10/27/15 23:13	80
trans-1,2-Dichloroethene	ND		3300	770	ug/Kg	☼	10/16/15 20:30	10/27/15 23:13	80
Trichloroethene	ND		3300	910	ug/Kg	☼	10/16/15 20:30	10/27/15 23:13	80
Vinyl chloride	ND		3300	1100	ug/Kg	☼	10/16/15 20:30	10/27/15 23:13	80
Xylenes, Total	ND		6600	1800	ug/Kg	☼	10/16/15 20:30	10/27/15 23:13	80

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*101*		*60 - 140*	*10/16/15 20:30*	*10/27/15 23:13*	*80*
1,2-Dichloroethane-d4 (Surr)	*101*		*53 - 146*	*10/16/15 20:30*	*10/27/15 23:13*	*80*
4-Bromofluorobenzene (Surr)	*84*		*49 - 148*	*10/16/15 20:30*	*10/27/15 23:13*	*80*
Toluene-d8 (Surr)	*93*		*50 - 149*	*10/16/15 20:30*	*10/27/15 23:13*	*80*

Client Sample ID: SB-24 23'-24'
Lab Sample ID: 480-89324-11

Date Collected: 10/15/15 13:15
Matrix: Solid
Date Received: 10/16/15 16:55
Percent Solids: 86.9

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		3.6	0.26	ug/Kg	☼	10/16/15 20:30	10/17/15 04:14	1
1,1-Dichloroethane	ND		3.6	0.44	ug/Kg	☼	10/16/15 20:30	10/17/15 04:14	1
1,1-Dichloroethene	**1.8**	**J**	3.6	0.44	ug/Kg	☼	10/16/15 20:30	10/17/15 04:14	1
1,2,4-Trimethylbenzene	ND		3.6	0.69	ug/Kg	☼	10/16/15 20:30	10/17/15 04:14	1
1,2-Dichlorobenzene	ND		3.6	0.28	ug/Kg	☼	10/16/15 20:30	10/17/15 04:14	1
1,2-Dichloroethane	ND		3.6	0.18	ug/Kg	☼	10/16/15 20:30	10/17/15 04:14	1
1,3,5-Trimethylbenzene	ND		3.6	0.23	ug/Kg	☼	10/16/15 20:30	10/17/15 04:14	1
1,3-Dichlorobenzene	ND		3.6	0.19	ug/Kg	☼	10/16/15 20:30	10/17/15 04:14	1
1,4-Dichlorobenzene	ND		3.6	0.51	ug/Kg	☼	10/16/15 20:30	10/17/15 04:14	1
1,4-Dioxane	ND		72	16	ug/Kg	☼	10/16/15 20:30	10/17/15 04:14	1
2-Butanone (MEK)	ND		18	1.3	ug/Kg	☼	10/16/15 20:30	10/17/15 04:14	1
Acetone	**8.5**	**J**	18	3.0	ug/Kg	☼	10/16/15 20:30	10/17/15 04:14	1
Benzene	ND		3.6	0.18	ug/Kg	☼	10/16/15 20:30	10/17/15 04:14	1
Carbon tetrachloride	ND		3.6	0.35	ug/Kg	☼	10/16/15 20:30	10/17/15 04:14	1
Chlorobenzene	ND		3.6	0.48	ug/Kg	☼	10/16/15 20:30	10/17/15 04:14	1
Chloroform	ND		3.6	0.22	ug/Kg	☼	10/16/15 20:30	10/17/15 04:14	1
cis-1,2-Dichloroethene	**1.1**	**J**	3.6	0.46	ug/Kg	☼	10/16/15 20:30	10/17/15 04:14	1
Ethylbenzene	ND		3.6	0.25	ug/Kg	☼	10/16/15 20:30	10/17/15 04:14	1

Client Sample ID: SB-24 23'-24'
Lab Sample ID: 480-89324-11

Date Collected: 10/15/15 13:15
Matrix: Solid

Date Received: 10/16/15 16:55
Percent Solids: 86.9

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		3.6	0.36	ug/Kg	☼	10/16/15 20:30	10/17/15 04:14	1
Methylene Chloride	ND		3.6	1.7	ug/Kg	☼	10/16/15 20:30	10/17/15 04:14	1
n-Butylbenzene	ND		3.6	0.31	ug/Kg	☼	10/16/15 20:30	10/17/15 04:14	1
N-Propylbenzene	ND		3.6	0.29	ug/Kg	☼	10/16/15 20:30	10/17/15 04:14	1
sec-Butylbenzene	ND		3.6	0.31	ug/Kg	☼	10/16/15 20:30	10/17/15 04:14	1
tert-Butylbenzene	ND		3.6	0.38	ug/Kg	☼	10/16/15 20:30	10/17/15 04:14	1
Tetrachloroethene	**4000**	**E**	3.6	0.49	ug/Kg	☼	10/16/15 20:30	10/17/15 04:14	1
Toluene	**0.39**	**J B**	3.6	0.27	ug/Kg	☼	10/16/15 20:30	10/17/15 04:14	1
trans-1,2-Dichloroethene	ND		3.6	0.37	ug/Kg	☼	10/16/15 20:30	10/17/15 04:14	1
Trichloroethene	**61**		3.6	0.80	ug/Kg	☼	10/16/15 20:30	10/17/15 04:14	1
Vinyl chloride	ND		3.6	0.44	ug/Kg	☼	10/16/15 20:30	10/17/15 04:14	1
Xylenes, Total	ND		7.2	0.61	ug/Kg	☼	10/16/15 20:30	10/17/15 04:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*109*		*60 - 140*	*10/16/15 20:30*	*10/17/15 04:14*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*64 - 126*	*10/16/15 20:30*	*10/17/15 04:14*	*1*
4-Bromofluorobenzene (Surr)	*87*		*72 - 126*	*10/16/15 20:30*	*10/17/15 04:14*	*1*
Toluene-d8 (Surr)	*102*		*71 - 125*	*10/16/15 20:30*	*10/17/15 04:14*	*1*

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		3700	1000	ug/Kg	☼	10/16/15 20:30	10/27/15 23:40	80
1,1-Dichloroethane	ND		3700	1200	ug/Kg	☼	10/16/15 20:30	10/27/15 23:40	80
1,1-Dichloroethene	ND		3700	1300	ug/Kg	☼	10/16/15 20:30	10/27/15 23:40	80
1,2,4-Trimethylbenzene	ND		3700	1000	ug/Kg	☼	10/16/15 20:30	10/27/15 23:40	80
1,2-Dichlorobenzene	ND		3700	960	ug/Kg	☼	10/16/15 20:30	10/27/15 23:40	80
1,2-Dichloroethane	ND		3700	1500	ug/Kg	☼	10/16/15 20:30	10/27/15 23:40	80
1,3,5-Trimethylbenzene	ND		3700	1100	ug/Kg	☼	10/16/15 20:30	10/27/15 23:40	80
1,3-Dichlorobenzene	ND		3700	1000	ug/Kg	☼	10/16/15 20:30	10/27/15 23:40	80
1,4-Dichlorobenzene	ND		3700	520	ug/Kg	☼	10/16/15 20:30	10/27/15 23:40	80
1,4-Dioxane	ND		71000	19000	ug/Kg	☼	10/16/15 20:30	10/27/15 23:40	80
2-Butanone (MEK)	ND		19000	11000	ug/Kg	☼	10/16/15 20:30	10/27/15 23:40	80
Acetone	ND		19000	15000	ug/Kg	☼	10/16/15 20:30	10/27/15 23:40	80
Benzene	ND		3700	710	ug/Kg	☼	10/16/15 20:30	10/27/15 23:40	80
Carbon tetrachloride	ND		3700	960	ug/Kg	☼	10/16/15 20:30	10/27/15 23:40	80
Chlorobenzene	ND		3700	490	ug/Kg	☼	10/16/15 20:30	10/27/15 23:40	80
Chloroform	ND		3700	2600	ug/Kg	☼	10/16/15 20:30	10/27/15 23:40	80
cis-1,2-Dichloroethene	ND		3700	1000	ug/Kg	☼	10/16/15 20:30	10/27/15 23:40	80
Ethylbenzene	ND		3700	1100	ug/Kg	☼	10/16/15 20:30	10/27/15 23:40	80
Methyl tert-butyl ether	ND		3700	1400	ug/Kg	☼	10/16/15 20:30	10/27/15 23:40	80
Methylene Chloride	ND		3700	740	ug/Kg	☼	10/16/15 20:30	10/27/15 23:40	80
n-Butylbenzene	ND		3700	1100	ug/Kg	☼	10/16/15 20:30	10/27/15 23:40	80
N-Propylbenzene	ND		3700	980	ug/Kg	☼	10/16/15 20:30	10/27/15 23:40	80
sec-Butylbenzene	ND		3700	1400	ug/Kg	☼	10/16/15 20:30	10/27/15 23:40	80
tert-Butylbenzene	ND		3700	1000	ug/Kg	☼	10/16/15 20:30	10/27/15 23:40	80
Tetrachloroethene	**140000**		3700	500	ug/Kg	☼	10/16/15 20:30	10/27/15 23:40	80
Toluene	ND		3700	1000	ug/Kg	☼	10/16/15 20:30	10/27/15 23:40	80
trans-1,2-Dichloroethene	ND		3700	880	ug/Kg	☼	10/16/15 20:30	10/27/15 23:40	80
Trichloroethene	ND		3700	1000	ug/Kg	☼	10/16/15 20:30	10/27/15 23:40	80
Vinyl chloride	ND		3700	1300	ug/Kg	☼	10/16/15 20:30	10/27/15 23:40	80

Client Sample ID: SB-24 23'-24'
Lab Sample ID: 480-89324-11
Date Collected: 10/15/15 13:15
Matrix: Solid
Date Received: 10/16/15 16:55
Percent Solids: 86.9

Method: 8260C - Volatile Organic Compounds by GC/MS - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		7500	2100	ug/Kg	☼	10/16/15 20:30	10/27/15 23:40	80

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*107*		*60 - 140*	*10/16/15 20:30*	*10/27/15 23:40*	*80*
1,2-Dichloroethane-d4 (Surr)	*102*		*53 - 146*	*10/16/15 20:30*	*10/27/15 23:40*	*80*
4-Bromofluorobenzene (Surr)	*84*		*49 - 148*	*10/16/15 20:30*	*10/27/15 23:40*	*80*
Toluene-d8 (Surr)	*90*		*50 - 149*	*10/16/15 20:30*	*10/27/15 23:40*	*80*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		190	28	ug/Kg	☼	10/19/15 08:23	10/21/15 02:14	1
bis (2-chloroisopropyl) ether	ND		190	39	ug/Kg	☼	10/19/15 08:23	10/21/15 02:14	1
2,4,5-Trichlorophenol	ND		190	52	ug/Kg	☼	10/19/15 08:23	10/21/15 02:14	1
2,4,6-Trichlorophenol	ND		190	39	ug/Kg	☼	10/19/15 08:23	10/21/15 02:14	1
2,4-Dichlorophenol	ND		190	20	ug/Kg	☼	10/19/15 08:23	10/21/15 02:14	1
2,4-Dimethylphenol	ND		190	47	ug/Kg	☼	10/19/15 08:23	10/21/15 02:14	1
2,4-Dinitrophenol	ND		1900	890	ug/Kg	☼	10/19/15 08:23	10/21/15 02:14	1
2,4-Dinitrotoluene	ND		190	40	ug/Kg	☼	10/19/15 08:23	10/21/15 02:14	1
2,6-Dinitrotoluene	ND		190	23	ug/Kg	☼	10/19/15 08:23	10/21/15 02:14	1
2-Chloronaphthalene	ND		190	32	ug/Kg	☼	10/19/15 08:23	10/21/15 02:14	1
2-Chlorophenol	ND		190	35	ug/Kg	☼	10/19/15 08:23	10/21/15 02:14	1
2-Methylphenol	ND		190	23	ug/Kg	☼	10/19/15 08:23	10/21/15 02:14	1
2-Methylnaphthalene	ND		190	39	ug/Kg	☼	10/19/15 08:23	10/21/15 02:14	1
2-Nitroaniline	ND		370	28	ug/Kg	☼	10/19/15 08:23	10/21/15 02:14	1
2-Nitrophenol	ND		190	55	ug/Kg	☼	10/19/15 08:23	10/21/15 02:14	1
3,3'-Dichlorobenzidine	ND		370	230	ug/Kg	☼	10/19/15 08:23	10/21/15 02:14	1
3-Nitroaniline	ND		370	53	ug/Kg	☼	10/19/15 08:23	10/21/15 02:14	1
4,6-Dinitro-2-methylphenol	ND		370	190	ug/Kg	☼	10/19/15 08:23	10/21/15 02:14	1
4-Bromophenyl phenyl ether	ND		190	27	ug/Kg	☼	10/19/15 08:23	10/21/15 02:14	1
4-Chloro-3-methylphenol	ND		190	48	ug/Kg	☼	10/19/15 08:23	10/21/15 02:14	1
4-Chloroaniline	ND		190	48	ug/Kg	☼	10/19/15 08:23	10/21/15 02:14	1
4-Chlorophenyl phenyl ether	ND		190	24	ug/Kg	☼	10/19/15 08:23	10/21/15 02:14	1
4-Methylphenol	ND		370	23	ug/Kg	☼	10/19/15 08:23	10/21/15 02:14	1
4-Nitroaniline	ND		370	100	ug/Kg	☼	10/19/15 08:23	10/21/15 02:14	1
4-Nitrophenol	ND		370	140	ug/Kg	☼	10/19/15 08:23	10/21/15 02:14	1
Acenaphthene	ND		190	28	ug/Kg	☼	10/19/15 08:23	10/21/15 02:14	1
Acenaphthylene	ND		190	25	ug/Kg	☼	10/19/15 08:23	10/21/15 02:14	1
Acetophenone	ND		190	26	ug/Kg	☼	10/19/15 08:23	10/21/15 02:14	1
Anthracene	ND		190	48	ug/Kg	☼	10/19/15 08:23	10/21/15 02:14	1
Atrazine	ND		190	67	ug/Kg	☼	10/19/15 08:23	10/21/15 02:14	1
Benzaldehyde	ND		190	150	ug/Kg	☼	10/19/15 08:23	10/21/15 02:14	1
Benzo[a]anthracene	ND		190	19	ug/Kg	☼	10/19/15 08:23	10/21/15 02:14	1
Benzo[a]pyrene	ND		190	28	ug/Kg	☼	10/19/15 08:23	10/21/15 02:14	1
Benzo[b]fluoranthene	ND		190	31	ug/Kg	☼	10/19/15 08:23	10/21/15 02:14	1
Benzo[g,h,i]perylene	ND		190	20	ug/Kg	☼	10/19/15 08:23	10/21/15 02:14	1
Benzo[k]fluoranthene	ND		190	25	ug/Kg	☼	10/19/15 08:23	10/21/15 02:14	1
Bis(2-chloroethoxy)methane	ND		190	41	ug/Kg	☼	10/19/15 08:23	10/21/15 02:14	1
Bis(2-chloroethyl)ether	ND		190	25	ug/Kg	☼	10/19/15 08:23	10/21/15 02:14	1
Bis(2-ethylhexyl) phthalate	ND		190	66	ug/Kg	☼	10/19/15 08:23	10/21/15 02:14	1
Butyl benzyl phthalate	ND		190	32	ug/Kg	☼	10/19/15 08:23	10/21/15 02:14	1

Client Sample ID: SB-24 23'-24'
Lab Sample ID: 480-89324-11
Date Collected: 10/15/15 13:15
Matrix: Solid
Date Received: 10/16/15 16:55
Percent Solids: 86.9

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	ND		190	58	ug/Kg	☼	10/19/15 08:23	10/21/15 02:14	1
Carbazole	ND		190	23	ug/Kg	☼	10/19/15 08:23	10/21/15 02:14	1
Chrysene	ND		190	43	ug/Kg	☼	10/19/15 08:23	10/21/15 02:14	1
Dibenz(a,h)anthracene	ND		190	34	ug/Kg	☼	10/19/15 08:23	10/21/15 02:14	1
Di-n-butyl phthalate	ND		190	33	ug/Kg	☼	10/19/15 08:23	10/21/15 02:14	1
Di-n-octyl phthalate	ND		190	23	ug/Kg	☼	10/19/15 08:23	10/21/15 02:14	1
Dibenzofuran	ND		190	23	ug/Kg	☼	10/19/15 08:23	10/21/15 02:14	1
Diethyl phthalate	ND		190	25	ug/Kg	☼	10/19/15 08:23	10/21/15 02:14	1
Dimethyl phthalate	ND		190	23	ug/Kg	☼	10/19/15 08:23	10/21/15 02:14	1
Fluoranthene	ND		190	20	ug/Kg	☼	10/19/15 08:23	10/21/15 02:14	1
Fluorene	ND		190	23	ug/Kg	☼	10/19/15 08:23	10/21/15 02:14	1
Hexachlorobenzene	ND		190	26	ug/Kg	☼	10/19/15 08:23	10/21/15 02:14	1
Hexachlorobutadiene	ND		190	28	ug/Kg	☼	10/19/15 08:23	10/21/15 02:14	1
Hexachlorocyclopentadiene	ND		190	26	ug/Kg	☼	10/19/15 08:23	10/21/15 02:14	1
Hexachloroethane	ND		190	25	ug/Kg	☼	10/19/15 08:23	10/21/15 02:14	1
Indeno[1,2,3-cd]pyrene	ND		190	24	ug/Kg	☼	10/19/15 08:23	10/21/15 02:14	1
Isophorone	ND		190	41	ug/Kg	☼	10/19/15 08:23	10/21/15 02:14	1
N-Nitrosodi-n-propylamine	ND		190	33	ug/Kg	☼	10/19/15 08:23	10/21/15 02:14	1
N-Nitrosodiphenylamine	ND		190	160	ug/Kg	☼	10/19/15 08:23	10/21/15 02:14	1
Naphthalene	ND		190	25	ug/Kg	☼	10/19/15 08:23	10/21/15 02:14	1
Nitrobenzene	ND		190	22	ug/Kg	☼	10/19/15 08:23	10/21/15 02:14	1
Pentachlorophenol	ND		370	190	ug/Kg	☼	10/19/15 08:23	10/21/15 02:14	1
Phenanthrene	ND		190	28	ug/Kg	☼	10/19/15 08:23	10/21/15 02:14	1
Phenol	ND		190	30	ug/Kg	☼	10/19/15 08:23	10/21/15 02:14	1
Pyrene	ND		190	23	ug/Kg	☼	10/19/15 08:23	10/21/15 02:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*74*		*34 - 132*	*10/19/15 08:23*	*10/21/15 02:14*	*1*
Phenol-d5 (Surr)	*81*		*11 - 120*	*10/19/15 08:23*	*10/21/15 02:14*	*1*
p-Terphenyl-d14 (Surr)	*93*		*65 - 153*	*10/19/15 08:23*	*10/21/15 02:14*	*1*
2,4,6-Tribromophenol (Surr)	*83*		*39 - 146*	*10/19/15 08:23*	*10/21/15 02:14*	*1*
2-Fluorobiphenyl	*81*		*37 - 120*	*10/19/15 08:23*	*10/21/15 02:14*	*1*
2-Fluorophenol (Surr)	*77*		*18 - 120*	*10/19/15 08:23*	*10/21/15 02:14*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		1.9	0.37	ug/Kg	☼	10/19/15 08:31	10/22/15 13:41	1
4,4'-DDE	ND		1.9	0.40	ug/Kg	☼	10/19/15 08:31	10/22/15 13:41	1
4,4'-DDT	ND		1.9	0.45	ug/Kg	☼	10/19/15 08:31	10/22/15 13:41	1
Aldrin	ND		1.9	0.47	ug/Kg	☼	10/19/15 08:31	10/22/15 13:41	1
alpha-BHC	**0.57**	**J B**	1.9	0.34	ug/Kg	☼	10/19/15 08:31	10/22/15 13:41	1
alpha-Chlordane	ND		1.9	0.95	ug/Kg	☼	10/19/15 08:31	10/22/15 13:41	1
beta-BHC	ND		1.9	0.34	ug/Kg	☼	10/19/15 08:31	10/22/15 13:41	1
delta-BHC	**0.60**	**J**	1.9	0.36	ug/Kg	☼	10/19/15 08:31	10/22/15 13:41	1
Dieldrin	ND		1.9	0.46	ug/Kg	☼	10/19/15 08:31	10/22/15 13:41	1
Endosulfan I	ND		1.9	0.37	ug/Kg	☼	10/19/15 08:31	10/22/15 13:41	1
Endosulfan II	**0.48**	**J B**	1.9	0.34	ug/Kg	☼	10/19/15 08:31	10/22/15 13:41	1
Endosulfan sulfate	ND		1.9	0.36	ug/Kg	☼	10/19/15 08:31	10/22/15 13:41	1
Endrin	ND		1.9	0.38	ug/Kg	☼	10/19/15 08:31	10/22/15 13:41	1
gamma-BHC (Lindane)	ND		1.9	0.35	ug/Kg	☼	10/19/15 08:31	10/22/15 13:41	1

Client Sample ID: SB-24 23'-24'
Lab Sample ID: 480-89324-11
Date Collected: 10/15/15 13:15
Matrix: Solid
Date Received: 10/16/15 16:55
Percent Solids: 86.9

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND		1.9	0.42	ug/Kg	☼	10/19/15 08:31	10/22/15 13:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*62*		*32 - 136*	*10/19/15 08:31*	*10/22/15 13:41*	*1*
DCB Decachlorobiphenyl	*71*		*32 - 136*	*10/19/15 08:31*	*10/22/15 13:41*	*1*
Tetrachloro-m-xylene	*60*		*30 - 124*	*10/19/15 08:31*	*10/22/15 13:41*	*1*
Tetrachloro-m-xylene	*58*		*30 - 124*	*10/19/15 08:31*	*10/22/15 13:41*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.28	0.055	mg/Kg	☼	10/19/15 08:39	10/19/15 21:33	1
PCB-1221	ND		0.28	0.055	mg/Kg	☼	10/19/15 08:39	10/19/15 21:33	1
PCB-1232	ND		0.28	0.055	mg/Kg	☼	10/19/15 08:39	10/19/15 21:33	1
PCB-1242	ND		0.28	0.055	mg/Kg	☼	10/19/15 08:39	10/19/15 21:33	1
PCB-1248	ND		0.28	0.055	mg/Kg	☼	10/19/15 08:39	10/19/15 21:33	1
PCB-1254	ND		0.28	0.13	mg/Kg	☼	10/19/15 08:39	10/19/15 21:33	1
PCB-1260	ND		0.28	0.13	mg/Kg	☼	10/19/15 08:39	10/19/15 21:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*95*		*60 - 154*	*10/19/15 08:39*	*10/19/15 21:33*	*1*
Tetrachloro-m-xylene	*99*		*60 - 154*	*10/19/15 08:39*	*10/19/15 21:33*	*1*
DCB Decachlorobiphenyl	*91*		*65 - 174*	*10/19/15 08:39*	*10/19/15 21:33*	*1*
DCB Decachlorobiphenyl	*102*		*65 - 174*	*10/19/15 08:39*	*10/19/15 21:33*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		19	6.8	ug/Kg	☼	10/19/15 08:36	10/23/15 05:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*76*		*28 - 129*	*10/19/15 08:36*	*10/23/15 05:00*	*1*
2,4-Dichlorophenylacetic acid	*79*		*28 - 129*	*10/19/15 08:36*	*10/23/15 05:00*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**3.9**		2.3	0.45	mg/Kg	☼	10/19/15 12:20	10/21/15 03:25	1
Barium	**80.2**		0.56	0.12	mg/Kg	☼	10/19/15 12:20	10/21/15 03:25	1
Beryllium	**0.66**		0.23	0.032	mg/Kg	☼	10/19/15 12:20	10/21/15 03:25	1
Cadmium	**0.21**	**J**	0.23	0.034	mg/Kg	☼	10/19/15 12:20	10/21/15 03:25	1
Copper	**12.9**		1.1	0.24	mg/Kg	☼	10/19/15 12:20	10/21/15 03:25	1
Lead	**10.8**		1.1	0.27	mg/Kg	☼	10/19/15 12:20	10/21/15 03:25	1
Manganese	**459**	**B**	0.23	0.036	mg/Kg	☼	10/19/15 12:20	10/21/15 03:25	1
Nickel	**21.4**		5.6	0.26	mg/Kg	☼	10/19/15 12:20	10/21/15 03:25	1
Selenium	ND		4.5	0.45	mg/Kg	☼	10/19/15 12:20	10/21/15 03:25	1
Silver	ND		0.68	0.23	mg/Kg	☼	10/19/15 12:20	10/21/15 03:25	1
Zinc	**45.5**		2.3	0.72	mg/Kg	☼	10/19/15 12:20	10/21/15 03:25	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.023	0.0092	mg/Kg	☼	10/19/15 11:20	10/19/15 18:28	1

Client Sample ID: SB-27 0"-14"
Lab Sample ID: 480-89324-12
Date Collected: 10/15/15 11:40
Matrix: Solid
Date Received: 10/16/15 16:55
Percent Solids: 77.7

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.7	0.49	ug/Kg	☼	10/16/15 20:30	10/21/15 01:23	1
1,1-Dichloroethane	ND		6.7	0.82	ug/Kg	☼	10/16/15 20:30	10/21/15 01:23	1
1,1-Dichloroethene	ND		6.7	0.82	ug/Kg	☼	10/16/15 20:30	10/21/15 01:23	1
1,2,4-Trimethylbenzene	ND		6.7	1.3	ug/Kg	☼	10/16/15 20:30	10/21/15 01:23	1
1,2-Dichlorobenzene	ND		6.7	0.53	ug/Kg	☼	10/16/15 20:30	10/21/15 01:23	1
1,2-Dichloroethane	ND		6.7	0.34	ug/Kg	☼	10/16/15 20:30	10/21/15 01:23	1
1,3,5-Trimethylbenzene	ND		6.7	0.43	ug/Kg	☼	10/16/15 20:30	10/21/15 01:23	1
1,3-Dichlorobenzene	ND		6.7	0.35	ug/Kg	☼	10/16/15 20:30	10/21/15 01:23	1
1,4-Dichlorobenzene	ND		6.7	0.94	ug/Kg	☼	10/16/15 20:30	10/21/15 01:23	1
1,4-Dioxane	ND		130	29	ug/Kg	☼	10/16/15 20:30	10/21/15 01:23	1
2-Butanone (MEK)	ND		34	2.5	ug/Kg	☼	10/16/15 20:30	10/21/15 01:23	1
Acetone	ND		34	5.7	ug/Kg	☼	10/16/15 20:30	10/21/15 01:23	1
Benzene	ND		6.7	0.33	ug/Kg	☼	10/16/15 20:30	10/21/15 01:23	1
Carbon tetrachloride	ND		6.7	0.65	ug/Kg	☼	10/16/15 20:30	10/21/15 01:23	1
Chlorobenzene	ND		6.7	0.89	ug/Kg	☼	10/16/15 20:30	10/21/15 01:23	1
Chloroform	ND		6.7	0.42	ug/Kg	☼	10/16/15 20:30	10/21/15 01:23	1
cis-1,2-Dichloroethene	**3.9**	**J**	6.7	0.86	ug/Kg	☼	10/16/15 20:30	10/21/15 01:23	1
Ethylbenzene	ND		6.7	0.46	ug/Kg	☼	10/16/15 20:30	10/21/15 01:23	1
Methyl tert-butyl ether	ND		6.7	0.66	ug/Kg	☼	10/16/15 20:30	10/21/15 01:23	1
Methylene Chloride	**3.2**	**J B**	6.7	3.1	ug/Kg	☼	10/16/15 20:30	10/21/15 01:23	1
n-Butylbenzene	ND		6.7	0.59	ug/Kg	☼	10/16/15 20:30	10/21/15 01:23	1
N-Propylbenzene	ND		6.7	0.54	ug/Kg	☼	10/16/15 20:30	10/21/15 01:23	1
sec-Butylbenzene	ND		6.7	0.59	ug/Kg	☼	10/16/15 20:30	10/21/15 01:23	1
tert-Butylbenzene	ND		6.7	0.70	ug/Kg	☼	10/16/15 20:30	10/21/15 01:23	1
Tetrachloroethene	**29**		6.7	0.90	ug/Kg	☼	10/16/15 20:30	10/21/15 01:23	1
Toluene	ND		6.7	0.51	ug/Kg	☼	10/16/15 20:30	10/21/15 01:23	1
trans-1,2-Dichloroethene	ND		6.7	0.69	ug/Kg	☼	10/16/15 20:30	10/21/15 01:23	1
Trichloroethene	**11**		6.7	1.5	ug/Kg	☼	10/16/15 20:30	10/21/15 01:23	1
Vinyl chloride	ND		6.7	0.82	ug/Kg	☼	10/16/15 20:30	10/21/15 01:23	1
Xylenes, Total	ND		13	1.1	ug/Kg	☼	10/16/15 20:30	10/21/15 01:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*100*		*60 - 140*	*10/16/15 20:30*	*10/21/15 01:23*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*64 - 126*	*10/16/15 20:30*	*10/21/15 01:23*	*1*
4-Bromofluorobenzene (Surr)	*80*		*72 - 126*	*10/16/15 20:30*	*10/21/15 01:23*	*1*
Toluene-d8 (Surr)	*102*		*71 - 125*	*10/16/15 20:30*	*10/21/15 01:23*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		4200	620	ug/Kg	☼	10/19/15 08:23	10/21/15 02:40	20
bis (2-chloroisopropyl) ether	ND		4200	850	ug/Kg	☼	10/19/15 08:23	10/21/15 02:40	20
2,4,5-Trichlorophenol	ND		4200	1100	ug/Kg	☼	10/19/15 08:23	10/21/15 02:40	20
2,4,6-Trichlorophenol	ND		4200	850	ug/Kg	☼	10/19/15 08:23	10/21/15 02:40	20
2,4-Dichlorophenol	ND		4200	450	ug/Kg	☼	10/19/15 08:23	10/21/15 02:40	20
2,4-Dimethylphenol	ND		4200	1000	ug/Kg	☼	10/19/15 08:23	10/21/15 02:40	20
2,4-Dinitrophenol	ND		41000	20000	ug/Kg	☼	10/19/15 08:23	10/21/15 02:40	20
2,4-Dinitrotoluene	ND		4200	870	ug/Kg	☼	10/19/15 08:23	10/21/15 02:40	20
2,6-Dinitrotoluene	ND		4200	500	ug/Kg	☼	10/19/15 08:23	10/21/15 02:40	20
2-Chloronaphthalene	ND		4200	700	ug/Kg	☼	10/19/15 08:23	10/21/15 02:40	20
2-Chlorophenol	ND		4200	770	ug/Kg	☼	10/19/15 08:23	10/21/15 02:40	20

Client Sample ID: SB-27 0"-14"
Date Collected: 10/15/15 11:40
Date Received: 10/16/15 16:55

Lab Sample ID: 480-89324-12
Matrix: Solid
Percent Solids: 77.7

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		4200	500	ug/Kg	☼	10/19/15 08:23	10/21/15 02:40	20
2-Methylnaphthalene	ND		4200	850	ug/Kg	☼	10/19/15 08:23	10/21/15 02:40	20
2-Nitroaniline	ND		8200	620	ug/Kg	☼	10/19/15 08:23	10/21/15 02:40	20
2-Nitrophenol	ND		4200	1200	ug/Kg	☼	10/19/15 08:23	10/21/15 02:40	20
3,3'-Dichlorobenzidine	ND		8200	5000	ug/Kg	☼	10/19/15 08:23	10/21/15 02:40	20
3-Nitroaniline	ND		8200	1200	ug/Kg	☼	10/19/15 08:23	10/21/15 02:40	20
4,6-Dinitro-2-methylphenol	ND		8200	4200	ug/Kg	☼	10/19/15 08:23	10/21/15 02:40	20
4-Bromophenyl phenyl ether	ND		4200	600	ug/Kg	☼	10/19/15 08:23	10/21/15 02:40	20
4-Chloro-3-methylphenol	ND		4200	1000	ug/Kg	☼	10/19/15 08:23	10/21/15 02:40	20
4-Chloroaniline	ND		4200	1000	ug/Kg	☼	10/19/15 08:23	10/21/15 02:40	20
4-Chlorophenyl phenyl ether	ND		4200	520	ug/Kg	☼	10/19/15 08:23	10/21/15 02:40	20
4-Methylphenol	ND		8200	500	ug/Kg	☼	10/19/15 08:23	10/21/15 02:40	20
4-Nitroaniline	ND		8200	2200	ug/Kg	☼	10/19/15 08:23	10/21/15 02:40	20
4-Nitrophenol	ND		8200	3000	ug/Kg	☼	10/19/15 08:23	10/21/15 02:40	20
Acenaphthene	ND		4200	620	ug/Kg	☼	10/19/15 08:23	10/21/15 02:40	20
Acenaphthylene	ND		4200	550	ug/Kg	☼	10/19/15 08:23	10/21/15 02:40	20
Acetophenone	ND		4200	570	ug/Kg	☼	10/19/15 08:23	10/21/15 02:40	20
Anthracene	ND		4200	1000	ug/Kg	☼	10/19/15 08:23	10/21/15 02:40	20
Atrazine	ND		4200	1500	ug/Kg	☼	10/19/15 08:23	10/21/15 02:40	20
Benzaldehyde	ND		4200	3400	ug/Kg	☼	10/19/15 08:23	10/21/15 02:40	20
Benzo[a]anthracene	**460**	**J**	4200	420	ug/Kg	☼	10/19/15 08:23	10/21/15 02:40	20
Benzo[a]pyrene	**1000**	**J**	4200	620	ug/Kg	☼	10/19/15 08:23	10/21/15 02:40	20
Benzo[b]fluoranthene	**980**	**J**	4200	670	ug/Kg	☼	10/19/15 08:23	10/21/15 02:40	20
Benzo[g,h,i]perylene	**930**	**J**	4200	450	ug/Kg	☼	10/19/15 08:23	10/21/15 02:40	20
Benzo[k]fluoranthene	ND		4200	550	ug/Kg	☼	10/19/15 08:23	10/21/15 02:40	20
Bis(2-chloroethoxy)methane	ND		4200	900	ug/Kg	☼	10/19/15 08:23	10/21/15 02:40	20
Bis(2-chloroethyl)ether	ND		4200	550	ug/Kg	☼	10/19/15 08:23	10/21/15 02:40	20
Bis(2-ethylhexyl) phthalate	ND		4200	1400	ug/Kg	☼	10/19/15 08:23	10/21/15 02:40	20
Butyl benzyl phthalate	ND		4200	700	ug/Kg	☼	10/19/15 08:23	10/21/15 02:40	20
Caprolactam	ND		4200	1300	ug/Kg	☼	10/19/15 08:23	10/21/15 02:40	20
Carbazole	ND		4200	500	ug/Kg	☼	10/19/15 08:23	10/21/15 02:40	20
Chrysene	ND		4200	950	ug/Kg	☼	10/19/15 08:23	10/21/15 02:40	20
Dibenz(a,h)anthracene	ND		4200	750	ug/Kg	☼	10/19/15 08:23	10/21/15 02:40	20
Di-n-butyl phthalate	ND		4200	720	ug/Kg	☼	10/19/15 08:23	10/21/15 02:40	20
Di-n-octyl phthalate	ND		4200	500	ug/Kg	☼	10/19/15 08:23	10/21/15 02:40	20
Dibenzofuran	ND		4200	500	ug/Kg	☼	10/19/15 08:23	10/21/15 02:40	20
Diethyl phthalate	ND		4200	550	ug/Kg	☼	10/19/15 08:23	10/21/15 02:40	20
Dimethyl phthalate	ND		4200	500	ug/Kg	☼	10/19/15 08:23	10/21/15 02:40	20
Fluoranthene	**690**	**J**	4200	450	ug/Kg	☼	10/19/15 08:23	10/21/15 02:40	20
Fluorene	ND		4200	500	ug/Kg	☼	10/19/15 08:23	10/21/15 02:40	20
Hexachlorobenzene	ND		4200	570	ug/Kg	☼	10/19/15 08:23	10/21/15 02:40	20
Hexachlorobutadiene	ND		4200	620	ug/Kg	☼	10/19/15 08:23	10/21/15 02:40	20
Hexachlorocyclopentadiene	ND		4200	570	ug/Kg	☼	10/19/15 08:23	10/21/15 02:40	20
Hexachloroethane	ND		4200	550	ug/Kg	☼	10/19/15 08:23	10/21/15 02:40	20
Indeno[1,2,3-cd]pyrene	**1100**	**J**	4200	520	ug/Kg	☼	10/19/15 08:23	10/21/15 02:40	20
Isophorone	ND		4200	900	ug/Kg	☼	10/19/15 08:23	10/21/15 02:40	20
N-Nitrosodi-n-propylamine	ND		4200	720	ug/Kg	☼	10/19/15 08:23	10/21/15 02:40	20
N-Nitrosodiphenylamine	ND		4200	3400	ug/Kg	☼	10/19/15 08:23	10/21/15 02:40	20
Naphthalene	ND		4200	550	ug/Kg	☼	10/19/15 08:23	10/21/15 02:40	20

Client Sample ID: SB-27 0"-14"
Lab Sample ID: 480-89324-12
Date Collected: 10/15/15 11:40
Matrix: Solid
Date Received: 10/16/15 16:55
Percent Solids: 77.7

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	ND		4200	470	ug/Kg	☼	10/19/15 08:23	10/21/15 02:40	20
Pentachlorophenol	ND		8200	4200	ug/Kg	☼	10/19/15 08:23	10/21/15 02:40	20
Phenanthrene	ND		4200	620	ug/Kg	☼	10/19/15 08:23	10/21/15 02:40	20
Phenol	ND		4200	650	ug/Kg	☼	10/19/15 08:23	10/21/15 02:40	20
Pyrene	**580**	**J**	4200	500	ug/Kg	☼	10/19/15 08:23	10/21/15 02:40	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*65*		*34 - 132*	*10/19/15 08:23*	*10/21/15 02:40*	*20*
Phenol-d5 (Surr)	*64*		*11 - 120*	*10/19/15 08:23*	*10/21/15 02:40*	*20*
p-Terphenyl-d14 (Surr)	*70*		*65 - 153*	*10/19/15 08:23*	*10/21/15 02:40*	*20*
2,4,6-Tribromophenol (Surr)	*164*	*X*	*39 - 146*	*10/19/15 08:23*	*10/21/15 02:40*	*20*
2-Fluorobiphenyl	*75*		*37 - 120*	*10/19/15 08:23*	*10/21/15 02:40*	*20*
2-Fluorophenol (Surr)	*71*		*18 - 120*	*10/19/15 08:23*	*10/21/15 02:40*	*20*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		21	4.2	ug/Kg	☼	10/19/15 08:31	10/22/15 13:58	10
4,4'-DDE	ND		21	4.5	ug/Kg	☼	10/19/15 08:31	10/22/15 13:58	10
4,4'-DDT	ND		21	5.0	ug/Kg	☼	10/19/15 08:31	10/22/15 13:58	10
Aldrin	ND		21	5.3	ug/Kg	☼	10/19/15 08:31	10/22/15 13:58	10
alpha-BHC	ND		21	3.9	ug/Kg	☼	10/19/15 08:31	10/22/15 13:58	10
alpha-Chlordane	ND		21	11	ug/Kg	☼	10/19/15 08:31	10/22/15 13:58	10
beta-BHC	ND		21	3.9	ug/Kg	☼	10/19/15 08:31	10/22/15 13:58	10
delta-BHC	**7.0**	**J**	21	4.0	ug/Kg	☼	10/19/15 08:31	10/22/15 13:58	10
Dieldrin	ND		21	5.1	ug/Kg	☼	10/19/15 08:31	10/22/15 13:58	10
Endosulfan I	ND		21	4.1	ug/Kg	☼	10/19/15 08:31	10/22/15 13:58	10
Endosulfan II	ND		21	3.9	ug/Kg	☼	10/19/15 08:31	10/22/15 13:58	10
Endosulfan sulfate	ND		21	4.0	ug/Kg	☼	10/19/15 08:31	10/22/15 13:58	10
Endrin	ND		21	4.2	ug/Kg	☼	10/19/15 08:31	10/22/15 13:58	10
gamma-BHC (Lindane)	ND		21	3.9	ug/Kg	☼	10/19/15 08:31	10/22/15 13:58	10
Heptachlor	ND		21	4.6	ug/Kg	☼	10/19/15 08:31	10/22/15 13:58	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*52*		*32 - 136*	*10/19/15 08:31*	*10/22/15 13:58*	*10*
DCB Decachlorobiphenyl	*133*		*32 - 136*	*10/19/15 08:31*	*10/22/15 13:58*	*10*
Tetrachloro-m-xylene	*137*	*X*	*30 - 124*	*10/19/15 08:31*	*10/22/15 13:58*	*10*
Tetrachloro-m-xylene	*88*		*30 - 124*	*10/19/15 08:31*	*10/22/15 13:58*	*10*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.27	0.054	mg/Kg	☼	10/19/15 08:39	10/19/15 21:48	1
PCB-1221	ND		0.27	0.054	mg/Kg	☼	10/19/15 08:39	10/19/15 21:48	1
PCB-1232	ND		0.27	0.054	mg/Kg	☼	10/19/15 08:39	10/19/15 21:48	1
PCB-1242	ND		0.27	0.054	mg/Kg	☼	10/19/15 08:39	10/19/15 21:48	1
PCB-1248	ND		0.27	0.054	mg/Kg	☼	10/19/15 08:39	10/19/15 21:48	1
PCB-1254	ND		0.27	0.13	mg/Kg	☼	10/19/15 08:39	10/19/15 21:48	1
PCB-1260	ND		0.27	0.13	mg/Kg	☼	10/19/15 08:39	10/19/15 21:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*95*		*60 - 154*	*10/19/15 08:39*	*10/19/15 21:48*	*1*
Tetrachloro-m-xylene	*98*		*60 - 154*	*10/19/15 08:39*	*10/19/15 21:48*	*1*

Client Sample ID: SB-27 0"-14"
Lab Sample ID: 480-89324-12
Date Collected: 10/15/15 11:40
Matrix: Solid
Date Received: 10/16/15 16:55
Percent Solids: 77.7

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*90*		*65 - 174*	*10/19/15 08:39*	*10/19/15 21:48*	*1*
DCB Decachlorobiphenyl	*102*		*65 - 174*	*10/19/15 08:39*	*10/19/15 21:48*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		21	7.7	ug/Kg	☼	10/19/15 08:36	10/23/15 05:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*91*		*28 - 129*	*10/19/15 08:36*	*10/23/15 05:30*	*1*
2,4-Dichlorophenylacetic acid	*91*		*28 - 129*	*10/19/15 08:36*	*10/23/15 05:30*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**2.6**		2.5	0.51	mg/Kg	☼	10/19/15 12:20	10/21/15 03:28	1
Barium	**151**		0.63	0.14	mg/Kg	☼	10/19/15 12:20	10/21/15 03:28	1
Beryllium	**3.5**		0.25	0.036	mg/Kg	☼	10/19/15 12:20	10/21/15 03:28	1
Cadmium	**0.52**		0.25	0.038	mg/Kg	☼	10/19/15 12:20	10/21/15 03:28	1
Copper	**9.2**		1.3	0.27	mg/Kg	☼	10/19/15 12:20	10/21/15 03:28	1
Lead	**47.1**		1.3	0.30	mg/Kg	☼	10/19/15 12:20	10/21/15 03:28	1
Manganese	**1370**	**B**	0.25	0.041	mg/Kg	☼	10/19/15 12:20	10/21/15 03:28	1
Nickel	**9.6**		6.3	0.29	mg/Kg	☼	10/19/15 12:20	10/21/15 03:28	1
Selenium	ND		5.1	0.51	mg/Kg	☼	10/19/15 12:20	10/21/15 03:28	1
Silver	**0.41**	**J**	0.76	0.25	mg/Kg	☼	10/19/15 12:20	10/21/15 03:28	1
Zinc	**66.5**		2.5	0.81	mg/Kg	☼	10/19/15 12:20	10/21/15 03:28	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.098**		0.026	0.011	mg/Kg	☼	10/19/15 11:20	10/19/15 18:30	1

Client Sample ID: SB-27 23'-24'
Lab Sample ID: 480-89324-13
Date Collected: 10/15/15 14:25
Matrix: Solid
Date Received: 10/16/15 16:55
Percent Solids: 89.6

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.5	0.32	ug/Kg	☼	10/16/15 20:30	10/17/15 05:06	1
1,1-Dichloroethane	ND		4.5	0.55	ug/Kg	☼	10/16/15 20:30	10/17/15 05:06	1
1,1-Dichloroethene	**1.2**	**J**	4.5	0.55	ug/Kg	☼	10/16/15 20:30	10/17/15 05:06	1
1,2,4-Trimethylbenzene	ND		4.5	0.86	ug/Kg	☼	10/16/15 20:30	10/17/15 05:06	1
1,2-Dichlorobenzene	ND		4.5	0.35	ug/Kg	☼	10/16/15 20:30	10/17/15 05:06	1
1,2-Dichloroethane	ND		4.5	0.22	ug/Kg	☼	10/16/15 20:30	10/17/15 05:06	1
1,3,5-Trimethylbenzene	ND		4.5	0.29	ug/Kg	☼	10/16/15 20:30	10/17/15 05:06	1
1,3-Dichlorobenzene	ND		4.5	0.23	ug/Kg	☼	10/16/15 20:30	10/17/15 05:06	1
1,4-Dichlorobenzene	ND		4.5	0.63	ug/Kg	☼	10/16/15 20:30	10/17/15 05:06	1
1,4-Dioxane	ND		89	19	ug/Kg	☼	10/16/15 20:30	10/17/15 05:06	1
2-Butanone (MEK)	ND		22	1.6	ug/Kg	☼	10/16/15 20:30	10/17/15 05:06	1
Acetone	**4.6**	**J**	22	3.8	ug/Kg	☼	10/16/15 20:30	10/17/15 05:06	1
Benzene	ND		4.5	0.22	ug/Kg	☼	10/16/15 20:30	10/17/15 05:06	1
Carbon tetrachloride	ND		4.5	0.43	ug/Kg	☼	10/16/15 20:30	10/17/15 05:06	1
Chlorobenzene	ND		4.5	0.59	ug/Kg	☼	10/16/15 20:30	10/17/15 05:06	1

Client Sample ID: SB-27 23'-24'
Lab Sample ID: 480-89324-13
Date Collected: 10/15/15 14:25
Matrix: Solid
Date Received: 10/16/15 16:55
Percent Solids: 89.6

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		4.5	0.28	ug/Kg	☼	10/16/15 20:30	10/17/15 05:06	1
cis-1,2-Dichloroethene	**490**	**E**	4.5	0.57	ug/Kg	☼	10/16/15 20:30	10/17/15 05:06	1
Ethylbenzene	ND		4.5	0.31	ug/Kg	☼	10/16/15 20:30	10/17/15 05:06	1
Methyl tert-butyl ether	ND		4.5	0.44	ug/Kg	☼	10/16/15 20:30	10/17/15 05:06	1
Methylene Chloride	ND		4.5	2.1	ug/Kg	☼	10/16/15 20:30	10/17/15 05:06	1
n-Butylbenzene	ND		4.5	0.39	ug/Kg	☼	10/16/15 20:30	10/17/15 05:06	1
N-Propylbenzene	ND		4.5	0.36	ug/Kg	☼	10/16/15 20:30	10/17/15 05:06	1
sec-Butylbenzene	ND		4.5	0.39	ug/Kg	☼	10/16/15 20:30	10/17/15 05:06	1
tert-Butylbenzene	ND		4.5	0.46	ug/Kg	☼	10/16/15 20:30	10/17/15 05:06	1
Tetrachloroethene	**3900**	**E**	4.5	0.60	ug/Kg	☼	10/16/15 20:30	10/17/15 05:06	1
Toluene	ND		4.5	0.34	ug/Kg	☼	10/16/15 20:30	10/17/15 05:06	1
trans-1,2-Dichloroethene	**30**		4.5	0.46	ug/Kg	☼	10/16/15 20:30	10/17/15 05:06	1
Trichloroethene	**2000**	**E**	4.5	0.98	ug/Kg	☼	10/16/15 20:30	10/17/15 05:06	1
Vinyl chloride	ND		4.5	0.55	ug/Kg	☼	10/16/15 20:30	10/17/15 05:06	1
Xylenes, Total	ND		8.9	0.75	ug/Kg	☼	10/16/15 20:30	10/17/15 05:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*111*		*60 - 140*	*10/16/15 20:30*	*10/17/15 05:06*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*64 - 126*	*10/16/15 20:30*	*10/17/15 05:06*	*1*
4-Bromofluorobenzene (Surr)	*92*		*72 - 126*	*10/16/15 20:30*	*10/17/15 05:06*	*1*
Toluene-d8 (Surr)	*104*		*71 - 125*	*10/16/15 20:30*	*10/17/15 05:06*	*1*

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1800	500	ug/Kg	☼	10/16/15 20:30	10/27/15 02:58	40
1,1-Dichloroethane	ND		1800	550	ug/Kg	☼	10/16/15 20:30	10/27/15 02:58	40
1,1-Dichloroethene	ND		1800	620	ug/Kg	☼	10/16/15 20:30	10/27/15 02:58	40
1,2,4-Trimethylbenzene	ND		1800	500	ug/Kg	☼	10/16/15 20:30	10/27/15 02:58	40
1,2-Dichlorobenzene	ND		1800	460	ug/Kg	☼	10/16/15 20:30	10/27/15 02:58	40
1,2-Dichloroethane	ND		1800	730	ug/Kg	☼	10/16/15 20:30	10/27/15 02:58	40
1,3,5-Trimethylbenzene	ND		1800	540	ug/Kg	☼	10/16/15 20:30	10/27/15 02:58	40
1,3-Dichlorobenzene	ND		1800	480	ug/Kg	☼	10/16/15 20:30	10/27/15 02:58	40
1,4-Dichlorobenzene	ND		1800	250	ug/Kg	☼	10/16/15 20:30	10/27/15 02:58	40
1,4-Dioxane	ND		34000	9100	ug/Kg	☼	10/16/15 20:30	10/27/15 02:58	40
2-Butanone (MEK)	ND		8900	5300	ug/Kg	☼	10/16/15 20:30	10/27/15 02:58	40
Acetone	ND		8900	7300	ug/Kg	☼	10/16/15 20:30	10/27/15 02:58	40
Benzene	ND		1800	340	ug/Kg	☼	10/16/15 20:30	10/27/15 02:58	40
Carbon tetrachloride	ND		1800	460	ug/Kg	☼	10/16/15 20:30	10/27/15 02:58	40
Chlorobenzene	ND		1800	240	ug/Kg	☼	10/16/15 20:30	10/27/15 02:58	40
Chloroform	ND		1800	1200	ug/Kg	☼	10/16/15 20:30	10/27/15 02:58	40
cis-1,2-Dichloroethene	**880**	**J**	1800	490	ug/Kg	☼	10/16/15 20:30	10/27/15 02:58	40
Ethylbenzene	ND		1800	520	ug/Kg	☼	10/16/15 20:30	10/27/15 02:58	40
Methyl tert-butyl ether	ND		1800	680	ug/Kg	☼	10/16/15 20:30	10/27/15 02:58	40
Methylene Chloride	ND		1800	350	ug/Kg	☼	10/16/15 20:30	10/27/15 02:58	40
n-Butylbenzene	ND		1800	520	ug/Kg	☼	10/16/15 20:30	10/27/15 02:58	40
N-Propylbenzene	ND		1800	470	ug/Kg	☼	10/16/15 20:30	10/27/15 02:58	40
sec-Butylbenzene	ND		1800	660	ug/Kg	☼	10/16/15 20:30	10/27/15 02:58	40
tert-Butylbenzene	ND		1800	500	ug/Kg	☼	10/16/15 20:30	10/27/15 02:58	40
Tetrachloroethene	**79000**		1800	240	ug/Kg	☼	10/16/15 20:30	10/27/15 02:58	40
Toluene	ND		1800	480	ug/Kg	☼	10/16/15 20:30	10/27/15 02:58	40

Client Sample ID: SB-27 23'-24'
Lab Sample ID: 480-89324-13
Date Collected: 10/15/15 14:25
Matrix: Solid
Date Received: 10/16/15 16:55
Percent Solids: 89.6

Method: 8260C - Volatile Organic Compounds by GC/MS - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		1800	420	ug/Kg	☼	10/16/15 20:30	10/27/15 02:58	40
Trichloroethene	**5400**		1800	500	ug/Kg	☼	10/16/15 20:30	10/27/15 02:58	40
Vinyl chloride	ND		1800	600	ug/Kg	☼	10/16/15 20:30	10/27/15 02:58	40
Xylenes, Total	ND		3600	990	ug/Kg	☼	10/16/15 20:30	10/27/15 02:58	40

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*104*		*60 - 140*	*10/16/15 20:30*	*10/27/15 02:58*	*40*
1,2-Dichloroethane-d4 (Surr)	*107*		*53 - 146*	*10/16/15 20:30*	*10/27/15 02:58*	*40*
4-Bromofluorobenzene (Surr)	*93*		*49 - 148*	*10/16/15 20:30*	*10/27/15 02:58*	*40*
Toluene-d8 (Surr)	*103*		*50 - 149*	*10/16/15 20:30*	*10/27/15 02:58*	*40*

Client Sample ID: SB-27 14'-15'
Lab Sample ID: 480-89324-14
Date Collected: 10/15/15 14:05
Matrix: Solid
Date Received: 10/16/15 16:55
Percent Solids: 86.8

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		3.5	0.25	ug/Kg	☼	10/16/15 20:30	10/21/15 01:49	1
1,1-Dichloroethane	ND		3.5	0.43	ug/Kg	☼	10/16/15 20:30	10/21/15 01:49	1
1,1-Dichloroethene	ND		3.5	0.43	ug/Kg	☼	10/16/15 20:30	10/21/15 01:49	1
1,2,4-Trimethylbenzene	ND		3.5	0.67	ug/Kg	☼	10/16/15 20:30	10/21/15 01:49	1
1,2-Dichlorobenzene	ND		3.5	0.27	ug/Kg	☼	10/16/15 20:30	10/21/15 01:49	1
1,2-Dichloroethane	ND		3.5	0.18	ug/Kg	☼	10/16/15 20:30	10/21/15 01:49	1
1,3,5-Trimethylbenzene	ND		3.5	0.23	ug/Kg	☼	10/16/15 20:30	10/21/15 01:49	1
1,3-Dichlorobenzene	ND		3.5	0.18	ug/Kg	☼	10/16/15 20:30	10/21/15 01:49	1
1,4-Dichlorobenzene	ND		3.5	0.49	ug/Kg	☼	10/16/15 20:30	10/21/15 01:49	1
1,4-Dioxane	ND		70	15	ug/Kg	☼	10/16/15 20:30	10/21/15 01:49	1
2-Butanone (MEK)	ND		17	1.3	ug/Kg	☼	10/16/15 20:30	10/21/15 01:49	1
Acetone	**6.2**	**J B**	17	2.9	ug/Kg	☼	10/16/15 20:30	10/21/15 01:49	1
Benzene	ND		3.5	0.17	ug/Kg	☼	10/16/15 20:30	10/21/15 01:49	1
Carbon tetrachloride	ND		3.5	0.34	ug/Kg	☼	10/16/15 20:30	10/21/15 01:49	1
Chlorobenzene	ND		3.5	0.46	ug/Kg	☼	10/16/15 20:30	10/21/15 01:49	1
Chloroform	ND		3.5	0.22	ug/Kg	☼	10/16/15 20:30	10/21/15 01:49	1
cis-1,2-Dichloroethene	**3.0**	**J**	3.5	0.45	ug/Kg	☼	10/16/15 20:30	10/21/15 01:49	1
Ethylbenzene	ND		3.5	0.24	ug/Kg	☼	10/16/15 20:30	10/21/15 01:49	1
Methyl tert-butyl ether	ND		3.5	0.34	ug/Kg	☼	10/16/15 20:30	10/21/15 01:49	1
Methylene Chloride	ND		3.5	1.6	ug/Kg	☼	10/16/15 20:30	10/21/15 01:49	1
n-Butylbenzene	ND		3.5	0.30	ug/Kg	☼	10/16/15 20:30	10/21/15 01:49	1
N-Propylbenzene	ND		3.5	0.28	ug/Kg	☼	10/16/15 20:30	10/21/15 01:49	1
sec-Butylbenzene	ND		3.5	0.30	ug/Kg	☼	10/16/15 20:30	10/21/15 01:49	1
tert-Butylbenzene	ND		3.5	0.36	ug/Kg	☼	10/16/15 20:30	10/21/15 01:49	1
Tetrachloroethene	**11**		3.5	0.47	ug/Kg	☼	10/16/15 20:30	10/21/15 01:49	1
Toluene	ND		3.5	0.26	ug/Kg	☼	10/16/15 20:30	10/21/15 01:49	1
trans-1,2-Dichloroethene	ND		3.5	0.36	ug/Kg	☼	10/16/15 20:30	10/21/15 01:49	1
Trichloroethene	**2.7**	**J**	3.5	0.77	ug/Kg	☼	10/16/15 20:30	10/21/15 01:49	1
Vinyl chloride	ND		3.5	0.43	ug/Kg	☼	10/16/15 20:30	10/21/15 01:49	1
Xylenes, Total	ND		7.0	0.59	ug/Kg	☼	10/16/15 20:30	10/21/15 01:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*104*		*60 - 140*	*10/16/15 20:30*	*10/21/15 01:49*	*1*

Client Sample ID: SB-27 14'-15'

Lab Sample ID: 480-89324-14
Date Collected: 10/15/15 14:05
Matrix: Solid
Date Received: 10/16/15 16:55
Percent Solids: 86.8

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*100*		*64 - 126*	*10/16/15 20:30*	*10/21/15 01:49*	*1*
4-Bromofluorobenzene (Surr)	*84*		*72 - 126*	*10/16/15 20:30*	*10/21/15 01:49*	*1*
Toluene-d8 (Surr)	*105*		*71 - 125*	*10/16/15 20:30*	*10/21/15 01:49*	*1*

Client Sample ID: AWSS6- 0"-4"

Lab Sample ID: 480-89379-1
Date Collected: 10/18/15 09:35
Matrix: Solid
Date Received: 10/19/15 13:45
Percent Solids: 88.0

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.5	0.40	ug/Kg	☼	10/19/15 15:00	10/21/15 04:50	1
1,1-Dichloroethane	ND		5.5	0.67	ug/Kg	☼	10/19/15 15:00	10/21/15 04:50	1
1,1-Dichloroethene	ND		5.5	0.67	ug/Kg	☼	10/19/15 15:00	10/21/15 04:50	1
1,2,4-Trimethylbenzene	ND		5.5	1.1	ug/Kg	☼	10/19/15 15:00	10/21/15 04:50	1
1,2-Dichlorobenzene	ND		5.5	0.43	ug/Kg	☼	10/19/15 15:00	10/21/15 04:50	1
1,2-Dichloroethane	ND		5.5	0.27	ug/Kg	☼	10/19/15 15:00	10/21/15 04:50	1
1,3,5-Trimethylbenzene	ND		5.5	0.35	ug/Kg	☼	10/19/15 15:00	10/21/15 04:50	1
1,3-Dichlorobenzene	ND		5.5	0.28	ug/Kg	☼	10/19/15 15:00	10/21/15 04:50	1
1,4-Dichlorobenzene	ND		5.5	0.77	ug/Kg	☼	10/19/15 15:00	10/21/15 04:50	1
1,4-Dioxane	ND		110	24	ug/Kg	☼	10/19/15 15:00	10/21/15 04:50	1
2-Butanone (MEK)	ND		27	2.0	ug/Kg	☼	10/19/15 15:00	10/21/15 04:50	1
Acetone	ND		27	4.6	ug/Kg	☼	10/19/15 15:00	10/21/15 04:50	1
Benzene	ND		5.5	0.27	ug/Kg	☼	10/19/15 15:00	10/21/15 04:50	1
Carbon tetrachloride	ND		5.5	0.53	ug/Kg	☼	10/19/15 15:00	10/21/15 04:50	1
Chlorobenzene	ND		5.5	0.72	ug/Kg	☼	10/19/15 15:00	10/21/15 04:50	1
Chloroform	ND		5.5	0.34	ug/Kg	☼	10/19/15 15:00	10/21/15 04:50	1
cis-1,2-Dichloroethene	ND		5.5	0.70	ug/Kg	☼	10/19/15 15:00	10/21/15 04:50	1
Ethylbenzene	ND		5.5	0.38	ug/Kg	☼	10/19/15 15:00	10/21/15 04:50	1
Methyl tert-butyl ether	ND		5.5	0.54	ug/Kg	☼	10/19/15 15:00	10/21/15 04:50	1
Methylene Chloride	ND		5.5	2.5	ug/Kg	☼	10/19/15 15:00	10/21/15 04:50	1
n-Butylbenzene	ND		5.5	0.48	ug/Kg	☼	10/19/15 15:00	10/21/15 04:50	1
N-Propylbenzene	ND		5.5	0.44	ug/Kg	☼	10/19/15 15:00	10/21/15 04:50	1
sec-Butylbenzene	ND		5.5	0.48	ug/Kg	☼	10/19/15 15:00	10/21/15 04:50	1
tert-Butylbenzene	ND		5.5	0.57	ug/Kg	☼	10/19/15 15:00	10/21/15 04:50	1
Tetrachloroethene	**2.0**	**J**	5.5	0.73	ug/Kg	☼	10/19/15 15:00	10/21/15 04:50	1
Toluene	ND		5.5	0.41	ug/Kg	☼	10/19/15 15:00	10/21/15 04:50	1
trans-1,2-Dichloroethene	ND		5.5	0.56	ug/Kg	☼	10/19/15 15:00	10/21/15 04:50	1
Trichloroethene	ND		5.5	1.2	ug/Kg	☼	10/19/15 15:00	10/21/15 04:50	1
Vinyl chloride	ND		5.5	0.67	ug/Kg	☼	10/19/15 15:00	10/21/15 04:50	1
Xylenes, Total	ND		11	0.92	ug/Kg	☼	10/19/15 15:00	10/21/15 04:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*103*		*64 - 126*	*10/19/15 15:00*	*10/21/15 04:50*	*1*
4-Bromofluorobenzene (Surr)	*81*		*72 - 126*	*10/19/15 15:00*	*10/21/15 04:50*	*1*
Toluene-d8 (Surr)	*102*		*71 - 125*	*10/19/15 15:00*	*10/21/15 04:50*	*1*
Dibromofluoromethane (Surr)	*105*		*60 - 140*	*10/19/15 15:00*	*10/21/15 04:50*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		9500	1400	ug/Kg	☼	10/20/15 08:35	10/22/15 03:57	50

Client Sample ID: AWSS6- 0"-4"
Lab Sample ID: 480-89379-1
Date Collected: 10/18/15 09:35
Matrix: Solid
Date Received: 10/19/15 13:45
Percent Solids: 88.0

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
bis (2-chloroisopropyl) ether	ND		9500	1900	ug/Kg	☼	10/20/15 08:35	10/22/15 03:57	50
2,4,5-Trichlorophenol	ND		9500	2600	ug/Kg	☼	10/20/15 08:35	10/22/15 03:57	50
2,4,6-Trichlorophenol	ND		9500	1900	ug/Kg	☼	10/20/15 08:35	10/22/15 03:57	50
2,4-Dichlorophenol	ND		9500	1000	ug/Kg	☼	10/20/15 08:35	10/22/15 03:57	50
2,4-Dimethylphenol	ND		9500	2300	ug/Kg	☼	10/20/15 08:35	10/22/15 03:57	50
2,4-Dinitrophenol	ND		93000	44000	ug/Kg	☼	10/20/15 08:35	10/22/15 03:57	50
2,4-Dinitrotoluene	ND		9500	2000	ug/Kg	☼	10/20/15 08:35	10/22/15 03:57	50
2,6-Dinitrotoluene	ND		9500	1100	ug/Kg	☼	10/20/15 08:35	10/22/15 03:57	50
2-Chloronaphthalene	ND		9500	1600	ug/Kg	☼	10/20/15 08:35	10/22/15 03:57	50
2-Chlorophenol	ND		9500	1700	ug/Kg	☼	10/20/15 08:35	10/22/15 03:57	50
2-Methylphenol	ND		9500	1100	ug/Kg	☼	10/20/15 08:35	10/22/15 03:57	50
2-Methylnaphthalene	ND		9500	1900	ug/Kg	☼	10/20/15 08:35	10/22/15 03:57	50
2-Nitroaniline	ND		18000	1400	ug/Kg	☼	10/20/15 08:35	10/22/15 03:57	50
2-Nitrophenol	ND		9500	2700	ug/Kg	☼	10/20/15 08:35	10/22/15 03:57	50
3,3'-Dichlorobenzidine	ND		18000	11000	ug/Kg	☼	10/20/15 08:35	10/22/15 03:57	50
3-Nitroaniline	ND		18000	2600	ug/Kg	☼	10/20/15 08:35	10/22/15 03:57	50
4,6-Dinitro-2-methylphenol	ND		18000	9500	ug/Kg	☼	10/20/15 08:35	10/22/15 03:57	50
4-Bromophenyl phenyl ether	ND		9500	1300	ug/Kg	☼	10/20/15 08:35	10/22/15 03:57	50
4-Chloro-3-methylphenol	ND		9500	2300	ug/Kg	☼	10/20/15 08:35	10/22/15 03:57	50
4-Chloroaniline	ND		9500	2300	ug/Kg	☼	10/20/15 08:35	10/22/15 03:57	50
4-Chlorophenyl phenyl ether	ND		9500	1200	ug/Kg	☼	10/20/15 08:35	10/22/15 03:57	50
4-Methylphenol	ND		18000	1100	ug/Kg	☼	10/20/15 08:35	10/22/15 03:57	50
4-Nitroaniline	ND		18000	5000	ug/Kg	☼	10/20/15 08:35	10/22/15 03:57	50
4-Nitrophenol	ND		18000	6700	ug/Kg	☼	10/20/15 08:35	10/22/15 03:57	50
Acenaphthene	ND		9500	1400	ug/Kg	☼	10/20/15 08:35	10/22/15 03:57	50
Acenaphthylene	ND		9500	1200	ug/Kg	☼	10/20/15 08:35	10/22/15 03:57	50
Acetophenone	ND		9500	1300	ug/Kg	☼	10/20/15 08:35	10/22/15 03:57	50
Anthracene	ND		9500	2300	ug/Kg	☼	10/20/15 08:35	10/22/15 03:57	50
Atrazine	ND		9500	3300	ug/Kg	☼	10/20/15 08:35	10/22/15 03:57	50
Benzaldehyde	ND		9500	7600	ug/Kg	☼	10/20/15 08:35	10/22/15 03:57	50
Benzo[a]anthracene	ND		9500	950	ug/Kg	☼	10/20/15 08:35	10/22/15 03:57	50
Benzo[a]pyrene	**2000**	**J**	9500	1400	ug/Kg	☼	10/20/15 08:35	10/22/15 03:57	50
Benzo[b]fluoranthene	**1700**	**J**	9500	1500	ug/Kg	☼	10/20/15 08:35	10/22/15 03:57	50
Benzo[g,h,i]perylene	ND		9500	1000	ug/Kg	☼	10/20/15 08:35	10/22/15 03:57	50
Benzo[k]fluoranthene	ND		9500	1200	ug/Kg	☼	10/20/15 08:35	10/22/15 03:57	50
Bis(2-chloroethoxy)methane	ND		9500	2000	ug/Kg	☼	10/20/15 08:35	10/22/15 03:57	50
Bis(2-chloroethyl)ether	ND		9500	1200	ug/Kg	☼	10/20/15 08:35	10/22/15 03:57	50
Bis(2-ethylhexyl) phthalate	ND		9500	3200	ug/Kg	☼	10/20/15 08:35	10/22/15 03:57	50
Butyl benzyl phthalate	ND		9500	1600	ug/Kg	☼	10/20/15 08:35	10/22/15 03:57	50
Caprolactam	ND		9500	2900	ug/Kg	☼	10/20/15 08:35	10/22/15 03:57	50
Carbazole	ND		9500	1100	ug/Kg	☼	10/20/15 08:35	10/22/15 03:57	50
Chrysene	ND		9500	2100	ug/Kg	☼	10/20/15 08:35	10/22/15 03:57	50
Dibenz(a,h)anthracene	ND		9500	1700	ug/Kg	☼	10/20/15 08:35	10/22/15 03:57	50
Di-n-butyl phthalate	ND		9500	1600	ug/Kg	☼	10/20/15 08:35	10/22/15 03:57	50
Di-n-octyl phthalate	ND		9500	1100	ug/Kg	☼	10/20/15 08:35	10/22/15 03:57	50
Dibenzofuran	ND		9500	1100	ug/Kg	☼	10/20/15 08:35	10/22/15 03:57	50
Diethyl phthalate	ND		9500	1200	ug/Kg	☼	10/20/15 08:35	10/22/15 03:57	50
Dimethyl phthalate	ND		9500	1100	ug/Kg	☼	10/20/15 08:35	10/22/15 03:57	50
Fluoranthene	**1100**	**J**	9500	1000	ug/Kg	☼	10/20/15 08:35	10/22/15 03:57	50

Client Sample ID: AWSS6- 0"-4"
Lab Sample ID: 480-89379-1
Date Collected: 10/18/15 09:35
Matrix: Solid
Date Received: 10/19/15 13:45
Percent Solids: 88.0

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	ND		9500	1100	ug/Kg	☼	10/20/15 08:35	10/22/15 03:57	50
Hexachlorobenzene	ND		9500	1300	ug/Kg	☼	10/20/15 08:35	10/22/15 03:57	50
Hexachlorobutadiene	ND		9500	1400	ug/Kg	☼	10/20/15 08:35	10/22/15 03:57	50
Hexachlorocyclopentadiene	ND		9500	1300	ug/Kg	☼	10/20/15 08:35	10/22/15 03:57	50
Hexachloroethane	ND		9500	1200	ug/Kg	☼	10/20/15 08:35	10/22/15 03:57	50
Indeno[1,2,3-cd]pyrene	ND		9500	1200	ug/Kg	☼	10/20/15 08:35	10/22/15 03:57	50
Isophorone	ND		9500	2000	ug/Kg	☼	10/20/15 08:35	10/22/15 03:57	50
N-Nitrosodi-n-propylamine	ND		9500	1600	ug/Kg	☼	10/20/15 08:35	10/22/15 03:57	50
N-Nitrosodiphenylamine	ND		9500	7700	ug/Kg	☼	10/20/15 08:35	10/22/15 03:57	50
Naphthalene	ND		9500	1200	ug/Kg	☼	10/20/15 08:35	10/22/15 03:57	50
Nitrobenzene	ND		9500	1100	ug/Kg	☼	10/20/15 08:35	10/22/15 03:57	50
Pentachlorophenol	ND		18000	9500	ug/Kg	☼	10/20/15 08:35	10/22/15 03:57	50
Phenanthrene	ND		9500	1400	ug/Kg	☼	10/20/15 08:35	10/22/15 03:57	50
Phenol	ND		9500	1500	ug/Kg	☼	10/20/15 08:35	10/22/15 03:57	50
Pyrene	ND		9500	1100	ug/Kg	☼	10/20/15 08:35	10/22/15 03:57	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*0*	*X*	*34 - 132*	*10/20/15 08:35*	*10/22/15 03:57*	*50*
Phenol-d5 (Surr)	*0*	*X*	*11 - 120*	*10/20/15 08:35*	*10/22/15 03:57*	*50*
p-Terphenyl-d14 (Surr)	*0*	*X*	*65 - 153*	*10/20/15 08:35*	*10/22/15 03:57*	*50*
2,4,6-Tribromophenol (Surr)	*0*	*X*	*39 - 146*	*10/20/15 08:35*	*10/22/15 03:57*	*50*
2-Fluorobiphenyl	*0*	*X*	*37 - 120*	*10/20/15 08:35*	*10/22/15 03:57*	*50*
2-Fluorophenol (Surr)	*0*	*X*	*18 - 120*	*10/20/15 08:35*	*10/22/15 03:57*	*50*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		190	36	ug/Kg	☼	10/20/15 08:23	10/22/15 13:10	100
4,4'-DDE	ND		190	39	ug/Kg	☼	10/20/15 08:23	10/22/15 13:10	100
4,4'-DDT	ND		190	44	ug/Kg	☼	10/20/15 08:23	10/22/15 13:10	100
Aldrin	ND		190	46	ug/Kg	☼	10/20/15 08:23	10/22/15 13:10	100
alpha-BHC	ND		190	34	ug/Kg	☼	10/20/15 08:23	10/22/15 13:10	100
alpha-Chlordane	ND		190	93	ug/Kg	☼	10/20/15 08:23	10/22/15 13:10	100
beta-BHC	ND		190	34	ug/Kg	☼	10/20/15 08:23	10/22/15 13:10	100
delta-BHC	ND		190	35	ug/Kg	☼	10/20/15 08:23	10/22/15 13:10	100
Dieldrin	ND		190	45	ug/Kg	☼	10/20/15 08:23	10/22/15 13:10	100
Endosulfan I	ND		190	36	ug/Kg	☼	10/20/15 08:23	10/22/15 13:10	100
Endosulfan II	ND		190	34	ug/Kg	☼	10/20/15 08:23	10/22/15 13:10	100
Endosulfan sulfate	ND		190	35	ug/Kg	☼	10/20/15 08:23	10/22/15 13:10	100
Endrin	ND		190	37	ug/Kg	☼	10/20/15 08:23	10/22/15 13:10	100
gamma-BHC (Lindane)	ND		190	34	ug/Kg	☼	10/20/15 08:23	10/22/15 13:10	100
Heptachlor	ND		190	41	ug/Kg	☼	10/20/15 08:23	10/22/15 13:10	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*0*	*X*	*32 - 136*	*10/20/15 08:23*	*10/22/15 13:10*	*100*
DCB Decachlorobiphenyl	*0*	*X*	*32 - 136*	*10/20/15 08:23*	*10/22/15 13:10*	*100*
Tetrachloro-m-xylene	*0*	*X*	*30 - 124*	*10/20/15 08:23*	*10/22/15 13:10*	*100*
Tetrachloro-m-xylene	*0*	*X*	*30 - 124*	*10/20/15 08:23*	*10/22/15 13:10*	*100*

Client Sample ID: AWSS6- 0"-4"
Lab Sample ID: 480-89379-1

Date Collected: 10/18/15 09:35
Matrix: Solid
Date Received: 10/19/15 13:45
Percent Solids: 88.0

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.27	0.053	mg/Kg	☼	10/20/15 08:41	10/21/15 17:13	1
PCB-1221	ND		0.27	0.053	mg/Kg	☼	10/20/15 08:41	10/21/15 17:13	1
PCB-1232	ND		0.27	0.053	mg/Kg	☼	10/20/15 08:41	10/21/15 17:13	1
PCB-1242	ND		0.27	0.053	mg/Kg	☼	10/20/15 08:41	10/21/15 17:13	1
PCB-1248	ND		0.27	0.053	mg/Kg	☼	10/20/15 08:41	10/21/15 17:13	1
PCB-1254	ND		0.27	0.13	mg/Kg	☼	10/20/15 08:41	10/21/15 17:13	1
PCB-1260	ND		0.27	0.13	mg/Kg	☼	10/20/15 08:41	10/21/15 17:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*96*		*60 - 154*	*10/20/15 08:41*	*10/21/15 17:13*	*1*
Tetrachloro-m-xylene	*105*		*60 - 154*	*10/20/15 08:41*	*10/21/15 17:13*	*1*
DCB Decachlorobiphenyl	*81*		*65 - 174*	*10/20/15 08:41*	*10/21/15 17:13*	*1*
DCB Decachlorobiphenyl	*94*		*65 - 174*	*10/20/15 08:41*	*10/21/15 17:13*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		19	6.6	ug/Kg	☼	10/21/15 07:58	10/27/15 09:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*51*		*28 - 129*	*10/21/15 07:58*	*10/27/15 09:48*	*1*
2,4-Dichlorophenylacetic acid	*47*		*28 - 129*	*10/21/15 07:58*	*10/27/15 09:48*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**2.8**		2.3	0.46	mg/Kg	☼	10/20/15 13:06	10/21/15 13:31	1
Barium	**78.8**	**F1**	0.58	0.13	mg/Kg	☼	10/20/15 13:06	10/21/15 13:31	1
Beryllium	**0.38**		0.23	0.032	mg/Kg	☼	10/20/15 13:06	10/21/15 13:31	1
Cadmium	**1.2**		0.23	0.035	mg/Kg	☼	10/20/15 13:06	10/21/15 13:31	1
Copper	**27.8**		1.2	0.24	mg/Kg	☼	10/20/15 13:06	10/21/15 13:31	1
Lead	**275**		1.2	0.28	mg/Kg	☼	10/20/15 13:06	10/21/15 13:31	1
Manganese	**400**	**B**	0.23	0.037	mg/Kg	☼	10/20/15 13:06	10/21/15 13:31	1
Nickel	**12.4**		5.8	0.27	mg/Kg	☼	10/20/15 13:06	10/21/15 13:31	1
Selenium	**0.72**	**J**	4.6	0.46	mg/Kg	☼	10/20/15 13:06	10/21/15 13:31	1
Silver	ND		0.70	0.23	mg/Kg	☼	10/20/15 13:06	10/21/15 13:31	1
Zinc	**349**		2.3	0.74	mg/Kg	☼	10/20/15 13:06	10/21/15 13:31	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.080**		0.023	0.0092	mg/Kg	☼	10/20/15 13:15	10/21/15 09:30	1

Client Sample ID: AWSS7- 0"-4"
Lab Sample ID: 480-89379-2

Date Collected: 10/18/15 09:55
Matrix: Solid
Date Received: 10/19/15 13:45
Percent Solids: 82.4

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.1	0.37	ug/Kg	☼	10/19/15 15:00	10/21/15 05:16	1
1,1-Dichloroethane	ND		5.1	0.62	ug/Kg	☼	10/19/15 15:00	10/21/15 05:16	1
1,1-Dichloroethene	ND		5.1	0.62	ug/Kg	☼	10/19/15 15:00	10/21/15 05:16	1
1,2,4-Trimethylbenzene	ND		5.1	0.97	ug/Kg	☼	10/19/15 15:00	10/21/15 05:16	1
1,2-Dichlorobenzene	ND		5.1	0.40	ug/Kg	☼	10/19/15 15:00	10/21/15 05:16	1

Client Sample ID: AWSS7- 0"-4"
Date Collected: 10/18/15 09:55
Date Received: 10/19/15 13:45

Lab Sample ID: 480-89379-2
Matrix: Solid
Percent Solids: 82.4

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		5.1	0.25	ug/Kg	☼	10/19/15 15:00	10/21/15 05:16	1
1,3,5-Trimethylbenzene	ND		5.1	0.33	ug/Kg	☼	10/19/15 15:00	10/21/15 05:16	1
1,3-Dichlorobenzene	ND		5.1	0.26	ug/Kg	☼	10/19/15 15:00	10/21/15 05:16	1
1,4-Dichlorobenzene	ND		5.1	0.71	ug/Kg	☼	10/19/15 15:00	10/21/15 05:16	1
1,4-Dioxane	ND		100	22	ug/Kg	☼	10/19/15 15:00	10/21/15 05:16	1
2-Butanone (MEK)	ND		25	1.8	ug/Kg	☼	10/19/15 15:00	10/21/15 05:16	1
Acetone	ND		25	4.3	ug/Kg	☼	10/19/15 15:00	10/21/15 05:16	1
Benzene	ND		5.1	0.25	ug/Kg	☼	10/19/15 15:00	10/21/15 05:16	1
Carbon tetrachloride	ND		5.1	0.49	ug/Kg	☼	10/19/15 15:00	10/21/15 05:16	1
Chlorobenzene	ND		5.1	0.67	ug/Kg	☼	10/19/15 15:00	10/21/15 05:16	1
Chloroform	ND		5.1	0.31	ug/Kg	☼	10/19/15 15:00	10/21/15 05:16	1
cis-1,2-Dichloroethene	ND		5.1	0.65	ug/Kg	☼	10/19/15 15:00	10/21/15 05:16	1
Ethylbenzene	ND		5.1	0.35	ug/Kg	☼	10/19/15 15:00	10/21/15 05:16	1
Methyl tert-butyl ether	ND		5.1	0.50	ug/Kg	☼	10/19/15 15:00	10/21/15 05:16	1
Methylene Chloride	ND		5.1	2.3	ug/Kg	☼	10/19/15 15:00	10/21/15 05:16	1
n-Butylbenzene	ND		5.1	0.44	ug/Kg	☼	10/19/15 15:00	10/21/15 05:16	1
N-Propylbenzene	ND		5.1	0.40	ug/Kg	☼	10/19/15 15:00	10/21/15 05:16	1
sec-Butylbenzene	ND		5.1	0.44	ug/Kg	☼	10/19/15 15:00	10/21/15 05:16	1
tert-Butylbenzene	ND		5.1	0.53	ug/Kg	☼	10/19/15 15:00	10/21/15 05:16	1
Tetrachloroethene	**6.3**		5.1	0.68	ug/Kg	☼	10/19/15 15:00	10/21/15 05:16	1
Toluene	ND		5.1	0.38	ug/Kg	☼	10/19/15 15:00	10/21/15 05:16	1
trans-1,2-Dichloroethene	ND		5.1	0.52	ug/Kg	☼	10/19/15 15:00	10/21/15 05:16	1
Trichloroethene	ND		5.1	1.1	ug/Kg	☼	10/19/15 15:00	10/21/15 05:16	1
Vinyl chloride	ND		5.1	0.62	ug/Kg	☼	10/19/15 15:00	10/21/15 05:16	1
Xylenes, Total	ND		10	0.85	ug/Kg	☼	10/19/15 15:00	10/21/15 05:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*64 - 126*	*10/19/15 15:00*	*10/21/15 05:16*	*1*
4-Bromofluorobenzene (Surr)	*91*		*72 - 126*	*10/19/15 15:00*	*10/21/15 05:16*	*1*
Toluene-d8 (Surr)	*101*		*71 - 125*	*10/19/15 15:00*	*10/21/15 05:16*	*1*
Dibromofluoromethane (Surr)	*105*		*60 - 140*	*10/19/15 15:00*	*10/21/15 05:16*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		10000	1500	ug/Kg	☼	10/20/15 08:35	10/22/15 04:23	50
bis (2-chloroisopropyl) ether	ND		10000	2000	ug/Kg	☼	10/20/15 08:35	10/22/15 04:23	50
2,4,5-Trichlorophenol	ND		10000	2700	ug/Kg	☼	10/20/15 08:35	10/22/15 04:23	50
2,4,6-Trichlorophenol	ND		10000	2000	ug/Kg	☼	10/20/15 08:35	10/22/15 04:23	50
2,4-Dichlorophenol	ND		10000	1100	ug/Kg	☼	10/20/15 08:35	10/22/15 04:23	50
2,4-Dimethylphenol	ND		10000	2400	ug/Kg	☼	10/20/15 08:35	10/22/15 04:23	50
2,4-Dinitrophenol	ND		98000	46000	ug/Kg	☼	10/20/15 08:35	10/22/15 04:23	50
2,4-Dinitrotoluene	ND		10000	2100	ug/Kg	☼	10/20/15 08:35	10/22/15 04:23	50
2,6-Dinitrotoluene	ND		10000	1200	ug/Kg	☼	10/20/15 08:35	10/22/15 04:23	50
2-Chloronaphthalene	ND		10000	1700	ug/Kg	☼	10/20/15 08:35	10/22/15 04:23	50
2-Chlorophenol	ND		10000	1800	ug/Kg	☼	10/20/15 08:35	10/22/15 04:23	50
2-Methylphenol	ND		10000	1200	ug/Kg	☼	10/20/15 08:35	10/22/15 04:23	50
2-Methylnaphthalene	ND		10000	2000	ug/Kg	☼	10/20/15 08:35	10/22/15 04:23	50
2-Nitroaniline	ND		19000	1500	ug/Kg	☼	10/20/15 08:35	10/22/15 04:23	50
2-Nitrophenol	ND		10000	2800	ug/Kg	☼	10/20/15 08:35	10/22/15 04:23	50
3,3'-Dichlorobenzidine	ND		19000	12000	ug/Kg	☼	10/20/15 08:35	10/22/15 04:23	50

Client Sample ID: AWSS7- 0"-4"
Lab Sample ID: 480-89379-2
Date Collected: 10/18/15 09:55
Matrix: Solid
Date Received: 10/19/15 13:45
Percent Solids: 82.4

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Nitroaniline	ND		19000	2800	ug/Kg	☼	10/20/15 08:35	10/22/15 04:23	50
4,6-Dinitro-2-methylphenol	ND		19000	10000	ug/Kg	☼	10/20/15 08:35	10/22/15 04:23	50
4-Bromophenyl phenyl ether	ND		10000	1400	ug/Kg	☼	10/20/15 08:35	10/22/15 04:23	50
4-Chloro-3-methylphenol	ND		10000	2500	ug/Kg	☼	10/20/15 08:35	10/22/15 04:23	50
4-Chloroaniline	ND		10000	2500	ug/Kg	☼	10/20/15 08:35	10/22/15 04:23	50
4-Chlorophenyl phenyl ether	ND		10000	1200	ug/Kg	☼	10/20/15 08:35	10/22/15 04:23	50
4-Methylphenol	ND		19000	1200	ug/Kg	☼	10/20/15 08:35	10/22/15 04:23	50
4-Nitroaniline	ND		19000	5300	ug/Kg	☼	10/20/15 08:35	10/22/15 04:23	50
4-Nitrophenol	ND		19000	7000	ug/Kg	☼	10/20/15 08:35	10/22/15 04:23	50
Acenaphthene	ND		10000	1500	ug/Kg	☼	10/20/15 08:35	10/22/15 04:23	50
Acenaphthylene	ND		10000	1300	ug/Kg	☼	10/20/15 08:35	10/22/15 04:23	50
Acetophenone	ND		10000	1400	ug/Kg	☼	10/20/15 08:35	10/22/15 04:23	50
Anthracene	**3100**	**J**	10000	2500	ug/Kg	☼	10/20/15 08:35	10/22/15 04:23	50
Atrazine	ND		10000	3500	ug/Kg	☼	10/20/15 08:35	10/22/15 04:23	50
Benzaldehyde	ND		10000	8000	ug/Kg	☼	10/20/15 08:35	10/22/15 04:23	50
Benzo[a]anthracene	**9500**	**J**	10000	1000	ug/Kg	☼	10/20/15 08:35	10/22/15 04:23	50
Benzo[a]pyrene	**9600**	**J**	10000	1500	ug/Kg	☼	10/20/15 08:35	10/22/15 04:23	50
Benzo[b]fluoranthene	**12000**		10000	1600	ug/Kg	☼	10/20/15 08:35	10/22/15 04:23	50
Benzo[g,h,i]perylene	**6800**	**J**	10000	1100	ug/Kg	☼	10/20/15 08:35	10/22/15 04:23	50
Benzo[k]fluoranthene	**5300**	**J**	10000	1300	ug/Kg	☼	10/20/15 08:35	10/22/15 04:23	50
Bis(2-chloroethoxy)methane	ND		10000	2100	ug/Kg	☼	10/20/15 08:35	10/22/15 04:23	50
Bis(2-chloroethyl)ether	ND		10000	1300	ug/Kg	☼	10/20/15 08:35	10/22/15 04:23	50
Bis(2-ethylhexyl) phthalate	ND		10000	3400	ug/Kg	☼	10/20/15 08:35	10/22/15 04:23	50
Butyl benzyl phthalate	ND		10000	1700	ug/Kg	☼	10/20/15 08:35	10/22/15 04:23	50
Caprolactam	ND		10000	3000	ug/Kg	☼	10/20/15 08:35	10/22/15 04:23	50
Carbazole	**2600**	**J**	10000	1200	ug/Kg	☼	10/20/15 08:35	10/22/15 04:23	50
Chrysene	**9700**	**J**	10000	2200	ug/Kg	☼	10/20/15 08:35	10/22/15 04:23	50
Dibenz(a,h)anthracene	ND		10000	1800	ug/Kg	☼	10/20/15 08:35	10/22/15 04:23	50
Di-n-butyl phthalate	ND		10000	1700	ug/Kg	☼	10/20/15 08:35	10/22/15 04:23	50
Di-n-octyl phthalate	ND		10000	1200	ug/Kg	☼	10/20/15 08:35	10/22/15 04:23	50
Dibenzofuran	ND		10000	1200	ug/Kg	☼	10/20/15 08:35	10/22/15 04:23	50
Diethyl phthalate	ND		10000	1300	ug/Kg	☼	10/20/15 08:35	10/22/15 04:23	50
Dimethyl phthalate	ND		10000	1200	ug/Kg	☼	10/20/15 08:35	10/22/15 04:23	50
Fluoranthene	**22000**		10000	1100	ug/Kg	☼	10/20/15 08:35	10/22/15 04:23	50
Fluorene	**1200**	**J**	10000	1200	ug/Kg	☼	10/20/15 08:35	10/22/15 04:23	50
Hexachlorobenzene	ND		10000	1400	ug/Kg	☼	10/20/15 08:35	10/22/15 04:23	50
Hexachlorobutadiene	ND		10000	1500	ug/Kg	☼	10/20/15 08:35	10/22/15 04:23	50
Hexachlorocyclopentadiene	ND		10000	1400	ug/Kg	☼	10/20/15 08:35	10/22/15 04:23	50
Hexachloroethane	ND		10000	1300	ug/Kg	☼	10/20/15 08:35	10/22/15 04:23	50
Indeno[1,2,3-cd]pyrene	**6500**	**J**	10000	1200	ug/Kg	☼	10/20/15 08:35	10/22/15 04:23	50
Isophorone	ND		10000	2100	ug/Kg	☼	10/20/15 08:35	10/22/15 04:23	50
N-Nitrosodi-n-propylamine	ND		10000	1700	ug/Kg	☼	10/20/15 08:35	10/22/15 04:23	50
N-Nitrosodiphenylamine	ND		10000	8200	ug/Kg	☼	10/20/15 08:35	10/22/15 04:23	50
Naphthalene	ND		10000	1300	ug/Kg	☼	10/20/15 08:35	10/22/15 04:23	50
Nitrobenzene	ND		10000	1100	ug/Kg	☼	10/20/15 08:35	10/22/15 04:23	50
Pentachlorophenol	ND		19000	10000	ug/Kg	☼	10/20/15 08:35	10/22/15 04:23	50
Phenanthrene	**14000**		10000	1500	ug/Kg	☼	10/20/15 08:35	10/22/15 04:23	50
Phenol	ND		10000	1500	ug/Kg	☼	10/20/15 08:35	10/22/15 04:23	50
Pyrene	**16000**		10000	1200	ug/Kg	☼	10/20/15 08:35	10/22/15 04:23	50

Client Sample ID: AWSS7- 0"-4"
Date Collected: 10/18/15 09:55
Date Received: 10/19/15 13:45

Lab Sample ID: 480-89379-2
Matrix: Solid
Percent Solids: 82.4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	0	X	34 - 132	10/20/15 08:35	10/22/15 04:23	50
Phenol-d5 (Surr)	0	X	11 - 120	10/20/15 08:35	10/22/15 04:23	50
p-Terphenyl-d14 (Surr)	0	X	65 - 153	10/20/15 08:35	10/22/15 04:23	50
2,4,6-Tribromophenol (Surr)	0	X	39 - 146	10/20/15 08:35	10/22/15 04:23	50
2-Fluorobiphenyl	65		37 - 120	10/20/15 08:35	10/22/15 04:23	50
2-Fluorophenol (Surr)	0	X	18 - 120	10/20/15 08:35	10/22/15 04:23	50

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		200	39	ug/Kg	☼	10/20/15 08:23	10/22/15 13:28	100
4,4'-DDE	**85**	**J B**	200	42	ug/Kg	☼	10/20/15 08:23	10/22/15 13:28	100
4,4'-DDT	**120**	**J**	200	47	ug/Kg	☼	10/20/15 08:23	10/22/15 13:28	100
Aldrin	ND		200	50	ug/Kg	☼	10/20/15 08:23	10/22/15 13:28	100
alpha-BHC	ND		200	36	ug/Kg	☼	10/20/15 08:23	10/22/15 13:28	100
alpha-Chlordane	ND		200	100	ug/Kg	☼	10/20/15 08:23	10/22/15 13:28	100
beta-BHC	ND		200	36	ug/Kg	☼	10/20/15 08:23	10/22/15 13:28	100
delta-BHC	ND		200	37	ug/Kg	☼	10/20/15 08:23	10/22/15 13:28	100
Dieldrin	ND		200	48	ug/Kg	☼	10/20/15 08:23	10/22/15 13:28	100
Endosulfan I	ND		200	39	ug/Kg	☼	10/20/15 08:23	10/22/15 13:28	100
Endosulfan II	ND		200	36	ug/Kg	☼	10/20/15 08:23	10/22/15 13:28	100
Endosulfan sulfate	**44**	**J**	200	38	ug/Kg	☼	10/20/15 08:23	10/22/15 13:28	100
Endrin	ND		200	40	ug/Kg	☼	10/20/15 08:23	10/22/15 13:28	100
gamma-BHC (Lindane)	ND		200	37	ug/Kg	☼	10/20/15 08:23	10/22/15 13:28	100
Heptachlor	ND		200	44	ug/Kg	☼	10/20/15 08:23	10/22/15 13:28	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	0	X	32 - 136	10/20/15 08:23	10/22/15 13:28	100
DCB Decachlorobiphenyl	0	X	32 - 136	10/20/15 08:23	10/22/15 13:28	100
Tetrachloro-m-xylene	0	X	30 - 124	10/20/15 08:23	10/22/15 13:28	100
Tetrachloro-m-xylene	0	X	30 - 124	10/20/15 08:23	10/22/15 13:28	100

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.28	0.054	mg/Kg	☼	10/20/15 08:41	10/21/15 17:29	1
PCB-1221	ND		0.28	0.054	mg/Kg	☼	10/20/15 08:41	10/21/15 17:29	1
PCB-1232	ND		0.28	0.054	mg/Kg	☼	10/20/15 08:41	10/21/15 17:29	1
PCB-1242	ND		0.28	0.054	mg/Kg	☼	10/20/15 08:41	10/21/15 17:29	1
PCB-1248	ND		0.28	0.054	mg/Kg	☼	10/20/15 08:41	10/21/15 17:29	1
PCB-1254	ND		0.28	0.13	mg/Kg	☼	10/20/15 08:41	10/21/15 17:29	1
PCB-1260	ND		0.28	0.13	mg/Kg	☼	10/20/15 08:41	10/21/15 17:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	87		60 - 154	10/20/15 08:41	10/21/15 17:29	1
Tetrachloro-m-xylene	88		60 - 154	10/20/15 08:41	10/21/15 17:29	1
DCB Decachlorobiphenyl	71		65 - 174	10/20/15 08:41	10/21/15 17:29	1
DCB Decachlorobiphenyl	100		65 - 174	10/20/15 08:41	10/21/15 17:29	1

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		20	7.1	ug/Kg	☼	10/21/15 07:58	10/27/15 10:18	1

Client Sample ID: AWSS7- 0"-4"
Lab Sample ID: 480-89379-2

Date Collected: 10/18/15 09:55
Matrix: Solid
Date Received: 10/19/15 13:45
Percent Solids: 82.4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*75*		*28 - 129*	*10/21/15 07:58*	*10/27/15 10:18*	*1*
2,4-Dichlorophenylacetic acid	*72*		*28 - 129*	*10/21/15 07:58*	*10/27/15 10:18*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**6.7**		2.3	0.46	mg/Kg	☼	10/20/15 13:06	10/21/15 13:48	1
Barium	**117**		0.58	0.13	mg/Kg	☼	10/20/15 13:06	10/21/15 13:48	1
Beryllium	**0.71**		0.23	0.033	mg/Kg	☼	10/20/15 13:06	10/21/15 13:48	1
Cadmium	**1.9**		0.23	0.035	mg/Kg	☼	10/20/15 13:06	10/21/15 13:48	1
Copper	**30.5**		1.2	0.24	mg/Kg	☼	10/20/15 13:06	10/21/15 13:48	1
Lead	**197**		1.2	0.28	mg/Kg	☼	10/20/15 13:06	10/21/15 13:48	1
Manganese	**1170**	**B**	0.23	0.037	mg/Kg	☼	10/20/15 13:06	10/21/15 13:48	1
Nickel	**24.2**		5.8	0.27	mg/Kg	☼	10/20/15 13:06	10/21/15 13:48	1
Selenium	ND		4.6	0.46	mg/Kg	☼	10/20/15 13:06	10/21/15 13:48	1
Silver	**0.51**	**J**	0.70	0.23	mg/Kg	☼	10/20/15 13:06	10/21/15 13:48	1
Zinc	**271**		2.3	0.74	mg/Kg	☼	10/20/15 13:06	10/21/15 13:48	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.30**		0.022	0.0091	mg/Kg	☼	10/20/15 13:15	10/21/15 09:34	1

Client Sample ID: FIELD DUPLICATE 2
Lab Sample ID: 480-89379-3

Date Collected: 10/18/15 00:00
Matrix: Solid
Date Received: 10/19/15 13:45
Percent Solids: 83.4

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.1	0.37	ug/Kg	☼	10/19/15 15:00	10/21/15 05:42	1
1,1-Dichloroethane	ND		5.1	0.62	ug/Kg	☼	10/19/15 15:00	10/21/15 05:42	1
1,1-Dichloroethene	ND		5.1	0.62	ug/Kg	☼	10/19/15 15:00	10/21/15 05:42	1
1,2,4-Trimethylbenzene	ND		5.1	0.97	ug/Kg	☼	10/19/15 15:00	10/21/15 05:42	1
1,2-Dichlorobenzene	ND		5.1	0.39	ug/Kg	☼	10/19/15 15:00	10/21/15 05:42	1
1,2-Dichloroethane	ND		5.1	0.25	ug/Kg	☼	10/19/15 15:00	10/21/15 05:42	1
1,3,5-Trimethylbenzene	ND		5.1	0.33	ug/Kg	☼	10/19/15 15:00	10/21/15 05:42	1
1,3-Dichlorobenzene	ND		5.1	0.26	ug/Kg	☼	10/19/15 15:00	10/21/15 05:42	1
1,4-Dichlorobenzene	ND		5.1	0.71	ug/Kg	☼	10/19/15 15:00	10/21/15 05:42	1
1,4-Dioxane	ND		100	22	ug/Kg	☼	10/19/15 15:00	10/21/15 05:42	1
2-Butanone (MEK)	ND		25	1.8	ug/Kg	☼	10/19/15 15:00	10/21/15 05:42	1
Acetone	ND		25	4.3	ug/Kg	☼	10/19/15 15:00	10/21/15 05:42	1
Benzene	ND		5.1	0.25	ug/Kg	☼	10/19/15 15:00	10/21/15 05:42	1
Carbon tetrachloride	ND		5.1	0.49	ug/Kg	☼	10/19/15 15:00	10/21/15 05:42	1
Chlorobenzene	ND		5.1	0.67	ug/Kg	☼	10/19/15 15:00	10/21/15 05:42	1
Chloroform	ND		5.1	0.31	ug/Kg	☼	10/19/15 15:00	10/21/15 05:42	1
cis-1,2-Dichloroethene	ND		5.1	0.65	ug/Kg	☼	10/19/15 15:00	10/21/15 05:42	1
Ethylbenzene	ND		5.1	0.35	ug/Kg	☼	10/19/15 15:00	10/21/15 05:42	1
Methyl tert-butyl ether	ND		5.1	0.50	ug/Kg	☼	10/19/15 15:00	10/21/15 05:42	1
Methylene Chloride	ND		5.1	2.3	ug/Kg	☼	10/19/15 15:00	10/21/15 05:42	1
n-Butylbenzene	ND		5.1	0.44	ug/Kg	☼	10/19/15 15:00	10/21/15 05:42	1
N-Propylbenzene	ND		5.1	0.40	ug/Kg	☼	10/19/15 15:00	10/21/15 05:42	1
sec-Butylbenzene	ND		5.1	0.44	ug/Kg	☼	10/19/15 15:00	10/21/15 05:42	1
tert-Butylbenzene	ND		5.1	0.53	ug/Kg	☼	10/19/15 15:00	10/21/15 05:42	1

Client Sample ID: FIELD DUPLICATE 2
Lab Sample ID: 480-89379-3

Date Collected: 10/18/15 00:00
Matrix: Solid
Date Received: 10/19/15 13:45
Percent Solids: 83.4

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**1.9**	**J**	5.1	0.68	ug/Kg	☼	10/19/15 15:00	10/21/15 05:42	1
Toluene	ND		5.1	0.38	ug/Kg	☼	10/19/15 15:00	10/21/15 05:42	1
trans-1,2-Dichloroethene	ND		5.1	0.52	ug/Kg	☼	10/19/15 15:00	10/21/15 05:42	1
Trichloroethene	ND		5.1	1.1	ug/Kg	☼	10/19/15 15:00	10/21/15 05:42	1
Vinyl chloride	ND		5.1	0.62	ug/Kg	☼	10/19/15 15:00	10/21/15 05:42	1
Xylenes, Total	ND		10	0.85	ug/Kg	☼	10/19/15 15:00	10/21/15 05:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*64 - 126*	*10/19/15 15:00*	*10/21/15 05:42*	*1*
4-Bromofluorobenzene (Surr)	*95*		*72 - 126*	*10/19/15 15:00*	*10/21/15 05:42*	*1*
Toluene-d8 (Surr)	*101*		*71 - 125*	*10/19/15 15:00*	*10/21/15 05:42*	*1*
Dibromofluoromethane (Surr)	*106*		*60 - 140*	*10/19/15 15:00*	*10/21/15 05:42*	*1*

Client Sample ID: AWSS8- 0"-4"
Lab Sample ID: 480-89379-4

Date Collected: 10/18/15 10:20
Matrix: Solid
Date Received: 10/19/15 13:45
Percent Solids: 66.3

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.9	0.43	ug/Kg	☼	10/19/15 15:00	10/21/15 14:51	1
1,1-Dichloroethane	ND		5.9	0.72	ug/Kg	☼	10/19/15 15:00	10/21/15 14:51	1
1,1-Dichloroethene	ND		5.9	0.72	ug/Kg	☼	10/19/15 15:00	10/21/15 14:51	1
1,2,4-Trimethylbenzene	**1.4**	**J**	5.9	1.1	ug/Kg	☼	10/19/15 15:00	10/21/15 14:51	1
1,2-Dichlorobenzene	ND		5.9	0.46	ug/Kg	☼	10/19/15 15:00	10/21/15 14:51	1
1,2-Dichloroethane	ND		5.9	0.30	ug/Kg	☼	10/19/15 15:00	10/21/15 14:51	1
1,3,5-Trimethylbenzene	ND		5.9	0.38	ug/Kg	☼	10/19/15 15:00	10/21/15 14:51	1
1,3-Dichlorobenzene	ND		5.9	0.30	ug/Kg	☼	10/19/15 15:00	10/21/15 14:51	1
1,4-Dichlorobenzene	ND		5.9	0.83	ug/Kg	☼	10/19/15 15:00	10/21/15 14:51	1
1,4-Dioxane	ND		120	26	ug/Kg	☼	10/19/15 15:00	10/21/15 14:51	1
2-Butanone (MEK)	ND	*	30	2.2	ug/Kg	☼	10/19/15 15:00	10/21/15 14:51	1
Acetone	ND		30	5.0	ug/Kg	☼	10/19/15 15:00	10/21/15 14:51	1
Benzene	ND		5.9	0.29	ug/Kg	☼	10/19/15 15:00	10/21/15 14:51	1
Carbon tetrachloride	ND		5.9	0.57	ug/Kg	☼	10/19/15 15:00	10/21/15 14:51	1
Chlorobenzene	ND		5.9	0.78	ug/Kg	☼	10/19/15 15:00	10/21/15 14:51	1
Chloroform	ND		5.9	0.37	ug/Kg	☼	10/19/15 15:00	10/21/15 14:51	1
cis-1,2-Dichloroethene	ND		5.9	0.76	ug/Kg	☼	10/19/15 15:00	10/21/15 14:51	1
Ethylbenzene	ND		5.9	0.41	ug/Kg	☼	10/19/15 15:00	10/21/15 14:51	1
Methyl tert-butyl ether	ND		5.9	0.58	ug/Kg	☼	10/19/15 15:00	10/21/15 14:51	1
Methylene Chloride	**3.5**	**J B**	5.9	2.7	ug/Kg	☼	10/19/15 15:00	10/21/15 14:51	1
n-Butylbenzene	ND		5.9	0.51	ug/Kg	☼	10/19/15 15:00	10/21/15 14:51	1
N-Propylbenzene	ND		5.9	0.47	ug/Kg	☼	10/19/15 15:00	10/21/15 14:51	1
sec-Butylbenzene	ND		5.9	0.51	ug/Kg	☼	10/19/15 15:00	10/21/15 14:51	1
tert-Butylbenzene	ND		5.9	0.61	ug/Kg	☼	10/19/15 15:00	10/21/15 14:51	1
Tetrachloroethene	**6.2**		5.9	0.79	ug/Kg	☼	10/19/15 15:00	10/21/15 14:51	1
Toluene	ND		5.9	0.45	ug/Kg	☼	10/19/15 15:00	10/21/15 14:51	1
trans-1,2-Dichloroethene	ND		5.9	0.61	ug/Kg	☼	10/19/15 15:00	10/21/15 14:51	1
Trichloroethene	ND		5.9	1.3	ug/Kg	☼	10/19/15 15:00	10/21/15 14:51	1
Vinyl chloride	ND		5.9	0.72	ug/Kg	☼	10/19/15 15:00	10/21/15 14:51	1
Xylenes, Total	**1.5**	**J B**	12	0.99	ug/Kg	☼	10/19/15 15:00	10/21/15 14:51	1

Client Sample ID: AWSS8- 0"-4"
Lab Sample ID: 480-89379-4

Date Collected: 10/18/15 10:20
Matrix: Solid
Date Received: 10/19/15 13:45
Percent Solids: 66.3

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*100*		*64 - 126*	*10/19/15 15:00*	*10/21/15 14:51*	*1*
4-Bromofluorobenzene (Surr)	*77*		*72 - 126*	*10/19/15 15:00*	*10/21/15 14:51*	*1*
Toluene-d8 (Surr)	*104*		*71 - 125*	*10/19/15 15:00*	*10/21/15 14:51*	*1*
Dibromofluoromethane (Surr)	*100*		*60 - 140*	*10/19/15 15:00*	*10/21/15 14:51*	*1*

Client Sample ID: AWSS9- 0"-4"
Lab Sample ID: 480-89379-5

Date Collected: 10/18/15 10:30
Matrix: Solid
Date Received: 10/19/15 13:45
Percent Solids: 73.9

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.1	0.37	ug/Kg	☼	10/19/15 15:00	10/21/15 06:34	1
1,1-Dichloroethane	ND		5.1	0.62	ug/Kg	☼	10/19/15 15:00	10/21/15 06:34	1
1,1-Dichloroethene	ND		5.1	0.62	ug/Kg	☼	10/19/15 15:00	10/21/15 06:34	1
1,2,4-Trimethylbenzene	ND		5.1	0.98	ug/Kg	☼	10/19/15 15:00	10/21/15 06:34	1
1,2-Dichlorobenzene	ND		5.1	0.40	ug/Kg	☼	10/19/15 15:00	10/21/15 06:34	1
1,2-Dichloroethane	ND		5.1	0.26	ug/Kg	☼	10/19/15 15:00	10/21/15 06:34	1
1,3,5-Trimethylbenzene	ND		5.1	0.33	ug/Kg	☼	10/19/15 15:00	10/21/15 06:34	1
1,3-Dichlorobenzene	ND		5.1	0.26	ug/Kg	☼	10/19/15 15:00	10/21/15 06:34	1
1,4-Dichlorobenzene	ND		5.1	0.71	ug/Kg	☼	10/19/15 15:00	10/21/15 06:34	1
1,4-Dioxane	ND		100	22	ug/Kg	☼	10/19/15 15:00	10/21/15 06:34	1
2-Butanone (MEK)	ND		25	1.9	ug/Kg	☼	10/19/15 15:00	10/21/15 06:34	1
Acetone	ND		25	4.3	ug/Kg	☼	10/19/15 15:00	10/21/15 06:34	1
Benzene	ND		5.1	0.25	ug/Kg	☼	10/19/15 15:00	10/21/15 06:34	1
Carbon tetrachloride	ND		5.1	0.49	ug/Kg	☼	10/19/15 15:00	10/21/15 06:34	1
Chlorobenzene	ND		5.1	0.67	ug/Kg	☼	10/19/15 15:00	10/21/15 06:34	1
Chloroform	ND		5.1	0.32	ug/Kg	☼	10/19/15 15:00	10/21/15 06:34	1
cis-1,2-Dichloroethene	ND		5.1	0.65	ug/Kg	☼	10/19/15 15:00	10/21/15 06:34	1
Ethylbenzene	ND		5.1	0.35	ug/Kg	☼	10/19/15 15:00	10/21/15 06:34	1
Methyl tert-butyl ether	ND		5.1	0.50	ug/Kg	☼	10/19/15 15:00	10/21/15 06:34	1
Methylene Chloride	ND		5.1	2.3	ug/Kg	☼	10/19/15 15:00	10/21/15 06:34	1
n-Butylbenzene	ND		5.1	0.44	ug/Kg	☼	10/19/15 15:00	10/21/15 06:34	1
N-Propylbenzene	ND		5.1	0.41	ug/Kg	☼	10/19/15 15:00	10/21/15 06:34	1
sec-Butylbenzene	ND		5.1	0.44	ug/Kg	☼	10/19/15 15:00	10/21/15 06:34	1
tert-Butylbenzene	ND		5.1	0.53	ug/Kg	☼	10/19/15 15:00	10/21/15 06:34	1
Tetrachloroethene	**1.0**	**J**	5.1	0.68	ug/Kg	☼	10/19/15 15:00	10/21/15 06:34	1
Toluene	ND		5.1	0.39	ug/Kg	☼	10/19/15 15:00	10/21/15 06:34	1
trans-1,2-Dichloroethene	ND		5.1	0.53	ug/Kg	☼	10/19/15 15:00	10/21/15 06:34	1
Trichloroethene	ND		5.1	1.1	ug/Kg	☼	10/19/15 15:00	10/21/15 06:34	1
Vinyl chloride	ND		5.1	0.62	ug/Kg	☼	10/19/15 15:00	10/21/15 06:34	1
Xylenes, Total	ND		10	0.86	ug/Kg	☼	10/19/15 15:00	10/21/15 06:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*104*		*64 - 126*	*10/19/15 15:00*	*10/21/15 06:34*	*1*
4-Bromofluorobenzene (Surr)	*70*	*X*	*72 - 126*	*10/19/15 15:00*	*10/21/15 06:34*	*1*
Toluene-d8 (Surr)	*105*		*71 - 125*	*10/19/15 15:00*	*10/21/15 06:34*	*1*
Dibromofluoromethane (Surr)	*105*		*60 - 140*	*10/19/15 15:00*	*10/21/15 06:34*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		11000	1600	ug/Kg	☼	10/20/15 08:35	10/22/15 04:49	50

Client Sample ID: AWSS9- 0"-4"
Lab Sample ID: 480-89379-5
Date Collected: 10/18/15 10:30
Matrix: Solid
Date Received: 10/19/15 13:45
Percent Solids: 73.9

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
bis (2-chloroisopropyl) ether	ND		11000	2200	ug/Kg	☼	10/20/15 08:35	10/22/15 04:49	50
2,4,5-Trichlorophenol	ND		11000	3000	ug/Kg	☼	10/20/15 08:35	10/22/15 04:49	50
2,4,6-Trichlorophenol	ND		11000	2200	ug/Kg	☼	10/20/15 08:35	10/22/15 04:49	50
2,4-Dichlorophenol	ND		11000	1200	ug/Kg	☼	10/20/15 08:35	10/22/15 04:49	50
2,4-Dimethylphenol	ND		11000	2700	ug/Kg	☼	10/20/15 08:35	10/22/15 04:49	50
2,4-Dinitrophenol	ND		110000	52000	ug/Kg	☼	10/20/15 08:35	10/22/15 04:49	50
2,4-Dinitrotoluene	ND		11000	2300	ug/Kg	☼	10/20/15 08:35	10/22/15 04:49	50
2,6-Dinitrotoluene	ND		11000	1300	ug/Kg	☼	10/20/15 08:35	10/22/15 04:49	50
2-Chloronaphthalene	ND		11000	1800	ug/Kg	☼	10/20/15 08:35	10/22/15 04:49	50
2-Chlorophenol	ND		11000	2000	ug/Kg	☼	10/20/15 08:35	10/22/15 04:49	50
2-Methylphenol	ND		11000	1300	ug/Kg	☼	10/20/15 08:35	10/22/15 04:49	50
2-Methylnaphthalene	ND		11000	2200	ug/Kg	☼	10/20/15 08:35	10/22/15 04:49	50
2-Nitroaniline	ND		22000	1600	ug/Kg	☼	10/20/15 08:35	10/22/15 04:49	50
2-Nitrophenol	ND		11000	3200	ug/Kg	☼	10/20/15 08:35	10/22/15 04:49	50
3,3'-Dichlorobenzidine	ND		22000	13000	ug/Kg	☼	10/20/15 08:35	10/22/15 04:49	50
3-Nitroaniline	ND		22000	3100	ug/Kg	☼	10/20/15 08:35	10/22/15 04:49	50
4,6-Dinitro-2-methylphenol	ND		22000	11000	ug/Kg	☼	10/20/15 08:35	10/22/15 04:49	50
4-Bromophenyl phenyl ether	ND		11000	1600	ug/Kg	☼	10/20/15 08:35	10/22/15 04:49	50
4-Chloro-3-methylphenol	ND		11000	2800	ug/Kg	☼	10/20/15 08:35	10/22/15 04:49	50
4-Chloroaniline	ND		11000	2800	ug/Kg	☼	10/20/15 08:35	10/22/15 04:49	50
4-Chlorophenyl phenyl ether	ND		11000	1400	ug/Kg	☼	10/20/15 08:35	10/22/15 04:49	50
4-Methylphenol	ND		22000	1300	ug/Kg	☼	10/20/15 08:35	10/22/15 04:49	50
4-Nitroaniline	ND		22000	5900	ug/Kg	☼	10/20/15 08:35	10/22/15 04:49	50
4-Nitrophenol	ND		22000	7800	ug/Kg	☼	10/20/15 08:35	10/22/15 04:49	50
Acenaphthene	**4700**	**J**	11000	1600	ug/Kg	☼	10/20/15 08:35	10/22/15 04:49	50
Acenaphthylene	ND		11000	1500	ug/Kg	☼	10/20/15 08:35	10/22/15 04:49	50
Acetophenone	ND		11000	1500	ug/Kg	☼	10/20/15 08:35	10/22/15 04:49	50
Anthracene	**11000**		11000	2800	ug/Kg	☼	10/20/15 08:35	10/22/15 04:49	50
Atrazine	ND		11000	3900	ug/Kg	☼	10/20/15 08:35	10/22/15 04:49	50
Benzaldehyde	ND		11000	8900	ug/Kg	☼	10/20/15 08:35	10/22/15 04:49	50
Benzo[a]anthracene	**28000**		11000	1100	ug/Kg	☼	10/20/15 08:35	10/22/15 04:49	50
Benzo[a]pyrene	**26000**		11000	1600	ug/Kg	☼	10/20/15 08:35	10/22/15 04:49	50
Benzo[b]fluoranthene	**33000**		11000	1800	ug/Kg	☼	10/20/15 08:35	10/22/15 04:49	50
Benzo[g,h,i]perylene	**21000**		11000	1200	ug/Kg	☼	10/20/15 08:35	10/22/15 04:49	50
Benzo[k]fluoranthene	**16000**		11000	1500	ug/Kg	☼	10/20/15 08:35	10/22/15 04:49	50
Bis(2-chloroethoxy)methane	ND		11000	2400	ug/Kg	☼	10/20/15 08:35	10/22/15 04:49	50
Bis(2-chloroethyl)ether	ND		11000	1500	ug/Kg	☼	10/20/15 08:35	10/22/15 04:49	50
Bis(2-ethylhexyl) phthalate	**6900**	**J**	11000	3800	ug/Kg	☼	10/20/15 08:35	10/22/15 04:49	50
Butyl benzyl phthalate	ND		11000	1800	ug/Kg	☼	10/20/15 08:35	10/22/15 04:49	50
Caprolactam	ND		11000	3400	ug/Kg	☼	10/20/15 08:35	10/22/15 04:49	50
Carbazole	**5700**	**J**	11000	1300	ug/Kg	☼	10/20/15 08:35	10/22/15 04:49	50
Chrysene	**28000**		11000	2500	ug/Kg	☼	10/20/15 08:35	10/22/15 04:49	50
Dibenz(a,h)anthracene	**6600**	**J**	11000	2000	ug/Kg	☼	10/20/15 08:35	10/22/15 04:49	50
Di-n-butyl phthalate	ND		11000	1900	ug/Kg	☼	10/20/15 08:35	10/22/15 04:49	50
Di-n-octyl phthalate	ND		11000	1300	ug/Kg	☼	10/20/15 08:35	10/22/15 04:49	50
Dibenzofuran	**2500**	**J**	11000	1300	ug/Kg	☼	10/20/15 08:35	10/22/15 04:49	50
Diethyl phthalate	ND		11000	1500	ug/Kg	☼	10/20/15 08:35	10/22/15 04:49	50
Dimethyl phthalate	ND		11000	1300	ug/Kg	☼	10/20/15 08:35	10/22/15 04:49	50
Fluoranthene	**68000**		11000	1200	ug/Kg	☼	10/20/15 08:35	10/22/15 04:49	50

Client Sample ID: AWSS9- 0"-4"
Lab Sample ID: 480-89379-5
Date Collected: 10/18/15 10:30
Matrix: Solid
Date Received: 10/19/15 13:45
Percent Solids: 73.9

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	**4600**	**J**	11000	1300	ug/Kg	☼	10/20/15 08:35	10/22/15 04:49	50
Hexachlorobenzene	ND		11000	1500	ug/Kg	☼	10/20/15 08:35	10/22/15 04:49	50
Hexachlorobutadiene	ND		11000	1600	ug/Kg	☼	10/20/15 08:35	10/22/15 04:49	50
Hexachlorocyclopentadiene	ND		11000	1500	ug/Kg	☼	10/20/15 08:35	10/22/15 04:49	50
Hexachloroethane	ND		11000	1500	ug/Kg	☼	10/20/15 08:35	10/22/15 04:49	50
Indeno[1,2,3-cd]pyrene	**17000**		11000	1400	ug/Kg	☼	10/20/15 08:35	10/22/15 04:49	50
Isophorone	ND		11000	2400	ug/Kg	☼	10/20/15 08:35	10/22/15 04:49	50
N-Nitrosodi-n-propylamine	ND		11000	1900	ug/Kg	☼	10/20/15 08:35	10/22/15 04:49	50
N-Nitrosodiphenylamine	ND		11000	9100	ug/Kg	☼	10/20/15 08:35	10/22/15 04:49	50
Naphthalene	**2300**	**J**	11000	1500	ug/Kg	☼	10/20/15 08:35	10/22/15 04:49	50
Nitrobenzene	ND		11000	1300	ug/Kg	☼	10/20/15 08:35	10/22/15 04:49	50
Pentachlorophenol	ND		22000	11000	ug/Kg	☼	10/20/15 08:35	10/22/15 04:49	50
Phenanthrene	**43000**		11000	1600	ug/Kg	☼	10/20/15 08:35	10/22/15 04:49	50
Phenol	ND		11000	1700	ug/Kg	☼	10/20/15 08:35	10/22/15 04:49	50
Pyrene	**50000**		11000	1300	ug/Kg	☼	10/20/15 08:35	10/22/15 04:49	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*57*		*34 - 132*	*10/20/15 08:35*	*10/22/15 04:49*	*50*
Phenol-d5 (Surr)	*0*	*X*	*11 - 120*	*10/20/15 08:35*	*10/22/15 04:49*	*50*
p-Terphenyl-d14 (Surr)	*0*	*X*	*65 - 153*	*10/20/15 08:35*	*10/22/15 04:49*	*50*
2,4,6-Tribromophenol (Surr)	*0*	*X*	*39 - 146*	*10/20/15 08:35*	*10/22/15 04:49*	*50*
2-Fluorobiphenyl	*81*		*37 - 120*	*10/20/15 08:35*	*10/22/15 04:49*	*50*
2-Fluorophenol (Surr)	*0*	*X*	*18 - 120*	*10/20/15 08:35*	*10/22/15 04:49*	*50*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		220	43	ug/Kg	☼	10/20/15 08:23	10/22/15 13:47	100
4,4'-DDE	**74**	**J B**	220	47	ug/Kg	☼	10/20/15 08:23	10/22/15 13:47	100
4,4'-DDT	**180**	**J**	220	52	ug/Kg	☼	10/20/15 08:23	10/22/15 13:47	100
Aldrin	ND		220	55	ug/Kg	☼	10/20/15 08:23	10/22/15 13:47	100
alpha-BHC	ND		220	40	ug/Kg	☼	10/20/15 08:23	10/22/15 13:47	100
alpha-Chlordane	ND		220	110	ug/Kg	☼	10/20/15 08:23	10/22/15 13:47	100
beta-BHC	**50**	**J**	220	40	ug/Kg	☼	10/20/15 08:23	10/22/15 13:47	100
delta-BHC	ND		220	41	ug/Kg	☼	10/20/15 08:23	10/22/15 13:47	100
Dieldrin	ND		220	53	ug/Kg	☼	10/20/15 08:23	10/22/15 13:47	100
Endosulfan I	ND		220	43	ug/Kg	☼	10/20/15 08:23	10/22/15 13:47	100
Endosulfan II	ND		220	40	ug/Kg	☼	10/20/15 08:23	10/22/15 13:47	100
Endosulfan sulfate	**67**	**J**	220	42	ug/Kg	☼	10/20/15 08:23	10/22/15 13:47	100
Endrin	ND		220	44	ug/Kg	☼	10/20/15 08:23	10/22/15 13:47	100
gamma-BHC (Lindane)	ND		220	41	ug/Kg	☼	10/20/15 08:23	10/22/15 13:47	100
Heptachlor	ND		220	48	ug/Kg	☼	10/20/15 08:23	10/22/15 13:47	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*0*	*X*	*32 - 136*	*10/20/15 08:23*	*10/22/15 13:47*	*100*
DCB Decachlorobiphenyl	*0*	*X*	*32 - 136*	*10/20/15 08:23*	*10/22/15 13:47*	*100*
Tetrachloro-m-xylene	*0*	*X*	*30 - 124*	*10/20/15 08:23*	*10/22/15 13:47*	*100*
Tetrachloro-m-xylene	*0*	*X*	*30 - 124*	*10/20/15 08:23*	*10/22/15 13:47*	*100*

Client Sample ID: AWSS9- 0"-4"
Lab Sample ID: 480-89379-5

Date Collected: 10/18/15 10:30
Matrix: Solid
Date Received: 10/19/15 13:45
Percent Solids: 73.9

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.32	0.062	mg/Kg	☼	10/20/15 08:41	10/21/15 18:16	1
PCB-1221	ND		0.32	0.062	mg/Kg	☼	10/20/15 08:41	10/21/15 18:16	1
PCB-1232	ND		0.32	0.062	mg/Kg	☼	10/20/15 08:41	10/21/15 18:16	1
PCB-1242	ND		0.32	0.062	mg/Kg	☼	10/20/15 08:41	10/21/15 18:16	1
PCB-1248	ND		0.32	0.062	mg/Kg	☼	10/20/15 08:41	10/21/15 18:16	1
PCB-1254	ND		0.32	0.15	mg/Kg	☼	10/20/15 08:41	10/21/15 18:16	1
PCB-1260	ND		0.32	0.15	mg/Kg	☼	10/20/15 08:41	10/21/15 18:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*96*		*60 - 154*	*10/20/15 08:41*	*10/21/15 18:16*	*1*
Tetrachloro-m-xylene	*95*		*60 - 154*	*10/20/15 08:41*	*10/21/15 18:16*	*1*
DCB Decachlorobiphenyl	*84*		*65 - 174*	*10/20/15 08:41*	*10/21/15 18:16*	*1*
DCB Decachlorobiphenyl	*132*		*65 - 174*	*10/20/15 08:41*	*10/21/15 18:16*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		23	8.1	ug/Kg	☼	10/21/15 07:58	10/27/15 10:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*62*		*28 - 129*	*10/21/15 07:58*	*10/27/15 10:47*	*1*
2,4-Dichlorophenylacetic acid	*68*		*28 - 129*	*10/21/15 07:58*	*10/27/15 10:47*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**10.5**		2.7	0.55	mg/Kg	☼	10/20/15 13:06	10/21/15 13:51	1
Barium	**135**		0.69	0.15	mg/Kg	☼	10/20/15 13:06	10/21/15 13:51	1
Beryllium	**0.69**		0.27	0.038	mg/Kg	☼	10/20/15 13:06	10/21/15 13:51	1
Cadmium	**3.9**		0.27	0.041	mg/Kg	☼	10/20/15 13:06	10/21/15 13:51	1
Copper	**41.6**		1.4	0.29	mg/Kg	☼	10/20/15 13:06	10/21/15 13:51	1
Lead	**331**		1.4	0.33	mg/Kg	☼	10/20/15 13:06	10/21/15 13:51	1
Manganese	**604**	**B**	0.27	0.044	mg/Kg	☼	10/20/15 13:06	10/21/15 13:51	1
Nickel	**19.5**		6.9	0.32	mg/Kg	☼	10/20/15 13:06	10/21/15 13:51	1
Selenium	**1.0**	**J**	5.5	0.55	mg/Kg	☼	10/20/15 13:06	10/21/15 13:51	1
Silver	**0.79**	**J**	0.82	0.27	mg/Kg	☼	10/20/15 13:06	10/21/15 13:51	1
Zinc	**838**		2.7	0.88	mg/Kg	☼	10/20/15 13:06	10/21/15 13:51	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.85**		0.026	0.011	mg/Kg	☼	10/20/15 13:15	10/21/15 09:36	1

Client Sample ID: AWSS10- 0"-4"
Lab Sample ID: 480-89379-6

Date Collected: 10/18/15 11:00
Matrix: Solid
Date Received: 10/19/15 13:45
Percent Solids: 89.8

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		3.8	0.27	ug/Kg	☼	10/19/15 15:00	10/21/15 07:00	1
1,1-Dichloroethane	ND		3.8	0.46	ug/Kg	☼	10/19/15 15:00	10/21/15 07:00	1
1,1-Dichloroethene	ND		3.8	0.46	ug/Kg	☼	10/19/15 15:00	10/21/15 07:00	1
1,2,4-Trimethylbenzene	ND		3.8	0.72	ug/Kg	☼	10/19/15 15:00	10/21/15 07:00	1
1,2-Dichlorobenzene	ND		3.8	0.29	ug/Kg	☼	10/19/15 15:00	10/21/15 07:00	1

Client Sample ID: AWSS10- 0"-4"

Lab Sample ID: 480-89379-6
Date Collected: 10/18/15 11:00
Matrix: Solid
Date Received: 10/19/15 13:45
Percent Solids: 89.8

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		3.8	0.19	ug/Kg	☼	10/19/15 15:00	10/21/15 07:00	1
1,3,5-Trimethylbenzene	ND		3.8	0.24	ug/Kg	☼	10/19/15 15:00	10/21/15 07:00	1
1,3-Dichlorobenzene	ND		3.8	0.19	ug/Kg	☼	10/19/15 15:00	10/21/15 07:00	1
1,4-Dichlorobenzene	ND		3.8	0.53	ug/Kg	☼	10/19/15 15:00	10/21/15 07:00	1
1,4-Dioxane	ND		75	16	ug/Kg	☼	10/19/15 15:00	10/21/15 07:00	1
2-Butanone (MEK)	**16**	**J**	19	1.4	ug/Kg	☼	10/19/15 15:00	10/21/15 07:00	1
Acetone	ND		19	3.2	ug/Kg	☼	10/19/15 15:00	10/21/15 07:00	1
Benzene	ND		3.8	0.18	ug/Kg	☼	10/19/15 15:00	10/21/15 07:00	1
Carbon tetrachloride	ND		3.8	0.36	ug/Kg	☼	10/19/15 15:00	10/21/15 07:00	1
Chlorobenzene	ND		3.8	0.50	ug/Kg	☼	10/19/15 15:00	10/21/15 07:00	1
Chloroform	ND		3.8	0.23	ug/Kg	☼	10/19/15 15:00	10/21/15 07:00	1
cis-1,2-Dichloroethene	ND		3.8	0.48	ug/Kg	☼	10/19/15 15:00	10/21/15 07:00	1
Ethylbenzene	ND		3.8	0.26	ug/Kg	☼	10/19/15 15:00	10/21/15 07:00	1
Methyl tert-butyl ether	ND		3.8	0.37	ug/Kg	☼	10/19/15 15:00	10/21/15 07:00	1
Methylene Chloride	ND		3.8	1.7	ug/Kg	☼	10/19/15 15:00	10/21/15 07:00	1
n-Butylbenzene	ND		3.8	0.33	ug/Kg	☼	10/19/15 15:00	10/21/15 07:00	1
N-Propylbenzene	ND		3.8	0.30	ug/Kg	☼	10/19/15 15:00	10/21/15 07:00	1
sec-Butylbenzene	ND		3.8	0.33	ug/Kg	☼	10/19/15 15:00	10/21/15 07:00	1
tert-Butylbenzene	ND		3.8	0.39	ug/Kg	☼	10/19/15 15:00	10/21/15 07:00	1
Tetrachloroethene	**0.62**	**J**	3.8	0.51	ug/Kg	☼	10/19/15 15:00	10/21/15 07:00	1
Toluene	ND		3.8	0.28	ug/Kg	☼	10/19/15 15:00	10/21/15 07:00	1
trans-1,2-Dichloroethene	ND		3.8	0.39	ug/Kg	☼	10/19/15 15:00	10/21/15 07:00	1
Trichloroethene	ND		3.8	0.83	ug/Kg	☼	10/19/15 15:00	10/21/15 07:00	1
Vinyl chloride	ND		3.8	0.46	ug/Kg	☼	10/19/15 15:00	10/21/15 07:00	1
Xylenes, Total	ND		7.5	0.63	ug/Kg	☼	10/19/15 15:00	10/21/15 07:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*64 - 126*	*10/19/15 15:00*	*10/21/15 07:00*	*1*
4-Bromofluorobenzene (Surr)	*75*		*72 - 126*	*10/19/15 15:00*	*10/21/15 07:00*	*1*
Toluene-d8 (Surr)	*107*		*71 - 125*	*10/19/15 15:00*	*10/21/15 07:00*	*1*
Dibromofluoromethane (Surr)	*107*		*60 - 140*	*10/19/15 15:00*	*10/21/15 07:00*	*1*

Client Sample ID: AWSS11- 0"-4"

Lab Sample ID: 480-89379-7
Date Collected: 10/18/15 11:15
Matrix: Solid
Date Received: 10/19/15 13:45
Percent Solids: 46.4

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		11	0.77	ug/Kg	☼	10/19/15 15:00	10/21/15 15:43	1
1,1-Dichloroethane	ND		11	1.3	ug/Kg	☼	10/19/15 15:00	10/21/15 15:43	1
1,1-Dichloroethene	ND		11	1.3	ug/Kg	☼	10/19/15 15:00	10/21/15 15:43	1
1,2,4-Trimethylbenzene	ND		11	2.0	ug/Kg	☼	10/19/15 15:00	10/21/15 15:43	1
1,2-Dichlorobenzene	ND		11	0.83	ug/Kg	☼	10/19/15 15:00	10/21/15 15:43	1
1,2-Dichloroethane	ND		11	0.53	ug/Kg	☼	10/19/15 15:00	10/21/15 15:43	1
1,3,5-Trimethylbenzene	ND		11	0.68	ug/Kg	☼	10/19/15 15:00	10/21/15 15:43	1
1,3-Dichlorobenzene	ND		11	0.54	ug/Kg	☼	10/19/15 15:00	10/21/15 15:43	1
1,4-Dichlorobenzene	ND		11	1.5	ug/Kg	☼	10/19/15 15:00	10/21/15 15:43	1
1,4-Dioxane	ND		210	46	ug/Kg	☼	10/19/15 15:00	10/21/15 15:43	1
2-Butanone (MEK)	ND	*	53	3.9	ug/Kg	☼	10/19/15 15:00	10/21/15 15:43	1
Acetone	ND		53	8.9	ug/Kg	☼	10/19/15 15:00	10/21/15 15:43	1

Client Sample ID: AWSS11- 0"-4"
Lab Sample ID: 480-89379-7

Date Collected: 10/18/15 11:15
Matrix: Solid

Date Received: 10/19/15 13:45
Percent Solids: 46.4

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		11	0.52	ug/Kg	☼	10/19/15 15:00	10/21/15 15:43	1
Carbon tetrachloride	ND		11	1.0	ug/Kg	☼	10/19/15 15:00	10/21/15 15:43	1
Chlorobenzene	ND		11	1.4	ug/Kg	☼	10/19/15 15:00	10/21/15 15:43	1
Chloroform	ND		11	0.65	ug/Kg	☼	10/19/15 15:00	10/21/15 15:43	1
cis-1,2-Dichloroethene	ND		11	1.4	ug/Kg	☼	10/19/15 15:00	10/21/15 15:43	1
Ethylbenzene	ND		11	0.73	ug/Kg	☼	10/19/15 15:00	10/21/15 15:43	1
Methyl tert-butyl ether	ND		11	1.0	ug/Kg	☼	10/19/15 15:00	10/21/15 15:43	1
Methylene Chloride	**9.7**	**J B**	11	4.9	ug/Kg	☼	10/19/15 15:00	10/21/15 15:43	1
n-Butylbenzene	ND		11	0.92	ug/Kg	☼	10/19/15 15:00	10/21/15 15:43	1
N-Propylbenzene	ND		11	0.84	ug/Kg	☼	10/19/15 15:00	10/21/15 15:43	1
sec-Butylbenzene	ND		11	0.92	ug/Kg	☼	10/19/15 15:00	10/21/15 15:43	1
tert-Butylbenzene	ND		11	1.1	ug/Kg	☼	10/19/15 15:00	10/21/15 15:43	1
Tetrachloroethene	ND		11	1.4	ug/Kg	☼	10/19/15 15:00	10/21/15 15:43	1
Toluene	ND		11	0.80	ug/Kg	☼	10/19/15 15:00	10/21/15 15:43	1
trans-1,2-Dichloroethene	ND		11	1.1	ug/Kg	☼	10/19/15 15:00	10/21/15 15:43	1
Trichloroethene	ND		11	2.3	ug/Kg	☼	10/19/15 15:00	10/21/15 15:43	1
Vinyl chloride	ND		11	1.3	ug/Kg	☼	10/19/15 15:00	10/21/15 15:43	1
Xylenes, Total	**1.9**	**J B**	21	1.8	ug/Kg	☼	10/19/15 15:00	10/21/15 15:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*64 - 126*	*10/19/15 15:00*	*10/21/15 15:43*	*1*
4-Bromofluorobenzene (Surr)	*75*		*72 - 126*	*10/19/15 15:00*	*10/21/15 15:43*	*1*
Toluene-d8 (Surr)	*102*		*71 - 125*	*10/19/15 15:00*	*10/21/15 15:43*	*1*
Dibromofluoromethane (Surr)	*101*		*60 - 140*	*10/19/15 15:00*	*10/21/15 15:43*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		7300	1100	ug/Kg	☼	10/20/15 08:35	10/22/15 05:15	20
bis (2-chloroisopropyl) ether	ND		7300	1500	ug/Kg	☼	10/20/15 08:35	10/22/15 05:15	20
2,4,5-Trichlorophenol	ND		7300	2000	ug/Kg	☼	10/20/15 08:35	10/22/15 05:15	20
2,4,6-Trichlorophenol	ND		7300	1500	ug/Kg	☼	10/20/15 08:35	10/22/15 05:15	20
2,4-Dichlorophenol	ND		7300	770	ug/Kg	☼	10/20/15 08:35	10/22/15 05:15	20
2,4-Dimethylphenol	ND		7300	1800	ug/Kg	☼	10/20/15 08:35	10/22/15 05:15	20
2,4-Dinitrophenol	ND		71000	33000	ug/Kg	☼	10/20/15 08:35	10/22/15 05:15	20
2,4-Dinitrotoluene	ND		7300	1500	ug/Kg	☼	10/20/15 08:35	10/22/15 05:15	20
2,6-Dinitrotoluene	ND		7300	850	ug/Kg	☼	10/20/15 08:35	10/22/15 05:15	20
2-Chloronaphthalene	ND		7300	1200	ug/Kg	☼	10/20/15 08:35	10/22/15 05:15	20
2-Chlorophenol	ND		7300	1300	ug/Kg	☼	10/20/15 08:35	10/22/15 05:15	20
2-Methylphenol	ND		7300	850	ug/Kg	☼	10/20/15 08:35	10/22/15 05:15	20
2-Methylnaphthalene	ND		7300	1500	ug/Kg	☼	10/20/15 08:35	10/22/15 05:15	20
2-Nitroaniline	ND		14000	1100	ug/Kg	☼	10/20/15 08:35	10/22/15 05:15	20
2-Nitrophenol	ND		7300	2000	ug/Kg	☼	10/20/15 08:35	10/22/15 05:15	20
3,3'-Dichlorobenzidine	ND		14000	8500	ug/Kg	☼	10/20/15 08:35	10/22/15 05:15	20
3-Nitroaniline	ND		14000	2000	ug/Kg	☼	10/20/15 08:35	10/22/15 05:15	20
4,6-Dinitro-2-methylphenol	ND		14000	7300	ug/Kg	☼	10/20/15 08:35	10/22/15 05:15	20
4-Bromophenyl phenyl ether	ND		7300	1000	ug/Kg	☼	10/20/15 08:35	10/22/15 05:15	20
4-Chloro-3-methylphenol	ND		7300	1800	ug/Kg	☼	10/20/15 08:35	10/22/15 05:15	20
4-Chloroaniline	ND		7300	1800	ug/Kg	☼	10/20/15 08:35	10/22/15 05:15	20
4-Chlorophenyl phenyl ether	ND		7300	900	ug/Kg	☼	10/20/15 08:35	10/22/15 05:15	20
4-Methylphenol	ND		14000	850	ug/Kg	☼	10/20/15 08:35	10/22/15 05:15	20

Client Sample ID: AWSS11- 0"-4"
Lab Sample ID: 480-89379-7
Date Collected: 10/18/15 11:15
Matrix: Solid
Date Received: 10/19/15 13:45
Percent Solids: 46.4

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitroaniline	ND		14000	3800	ug/Kg	☼	10/20/15 08:35	10/22/15 05:15	20
4-Nitrophenol	ND		14000	5100	ug/Kg	☼	10/20/15 08:35	10/22/15 05:15	20
Acenaphthene	ND		7300	1100	ug/Kg	☼	10/20/15 08:35	10/22/15 05:15	20
Acenaphthylene	ND		7300	940	ug/Kg	☼	10/20/15 08:35	10/22/15 05:15	20
Acetophenone	ND		7300	980	ug/Kg	☼	10/20/15 08:35	10/22/15 05:15	20
Anthracene	ND		7300	1800	ug/Kg	☼	10/20/15 08:35	10/22/15 05:15	20
Atrazine	ND		7300	2500	ug/Kg	☼	10/20/15 08:35	10/22/15 05:15	20
Benzaldehyde	ND		7300	5800	ug/Kg	☼	10/20/15 08:35	10/22/15 05:15	20
Benzo[a]anthracene	**2300**	**J**	7300	730	ug/Kg	☼	10/20/15 08:35	10/22/15 05:15	20
Benzo[a]pyrene	**3400**	**J**	7300	1100	ug/Kg	☼	10/20/15 08:35	10/22/15 05:15	20
Benzo[b]fluoranthene	**4500**	**J**	7300	1200	ug/Kg	☼	10/20/15 08:35	10/22/15 05:15	20
Benzo[g,h,i]perylene	**2900**	**J**	7300	770	ug/Kg	☼	10/20/15 08:35	10/22/15 05:15	20
Benzo[k]fluoranthene	**1100**	**J**	7300	940	ug/Kg	☼	10/20/15 08:35	10/22/15 05:15	20
Bis(2-chloroethoxy)methane	ND		7300	1500	ug/Kg	☼	10/20/15 08:35	10/22/15 05:15	20
Bis(2-chloroethyl)ether	ND		7300	940	ug/Kg	☼	10/20/15 08:35	10/22/15 05:15	20
Bis(2-ethylhexyl) phthalate	ND		7300	2500	ug/Kg	☼	10/20/15 08:35	10/22/15 05:15	20
Butyl benzyl phthalate	ND		7300	1200	ug/Kg	☼	10/20/15 08:35	10/22/15 05:15	20
Caprolactam	ND		7300	2200	ug/Kg	☼	10/20/15 08:35	10/22/15 05:15	20
Carbazole	ND		7300	850	ug/Kg	☼	10/20/15 08:35	10/22/15 05:15	20
Chrysene	**2800**	**J**	7300	1600	ug/Kg	☼	10/20/15 08:35	10/22/15 05:15	20
Dibenz(a,h)anthracene	**2200**	**J**	7300	1300	ug/Kg	☼	10/20/15 08:35	10/22/15 05:15	20
Di-n-butyl phthalate	ND		7300	1200	ug/Kg	☼	10/20/15 08:35	10/22/15 05:15	20
Di-n-octyl phthalate	ND		7300	850	ug/Kg	☼	10/20/15 08:35	10/22/15 05:15	20
Dibenzofuran	ND		7300	850	ug/Kg	☼	10/20/15 08:35	10/22/15 05:15	20
Diethyl phthalate	ND		7300	940	ug/Kg	☼	10/20/15 08:35	10/22/15 05:15	20
Dimethyl phthalate	ND		7300	850	ug/Kg	☼	10/20/15 08:35	10/22/15 05:15	20
Fluoranthene	**5200**	**J**	7300	770	ug/Kg	☼	10/20/15 08:35	10/22/15 05:15	20
Fluorene	ND		7300	850	ug/Kg	☼	10/20/15 08:35	10/22/15 05:15	20
Hexachlorobenzene	ND		7300	980	ug/Kg	☼	10/20/15 08:35	10/22/15 05:15	20
Hexachlorobutadiene	ND		7300	1100	ug/Kg	☼	10/20/15 08:35	10/22/15 05:15	20
Hexachlorocyclopentadiene	ND		7300	980	ug/Kg	☼	10/20/15 08:35	10/22/15 05:15	20
Hexachloroethane	ND		7300	940	ug/Kg	☼	10/20/15 08:35	10/22/15 05:15	20
Indeno[1,2,3-cd]pyrene	**3000**	**J**	7300	900	ug/Kg	☼	10/20/15 08:35	10/22/15 05:15	20
Isophorone	ND		7300	1500	ug/Kg	☼	10/20/15 08:35	10/22/15 05:15	20
N-Nitrosodi-n-propylamine	ND		7300	1200	ug/Kg	☼	10/20/15 08:35	10/22/15 05:15	20
N-Nitrosodiphenylamine	ND		7300	5900	ug/Kg	☼	10/20/15 08:35	10/22/15 05:15	20
Naphthalene	ND		7300	940	ug/Kg	☼	10/20/15 08:35	10/22/15 05:15	20
Nitrobenzene	ND		7300	810	ug/Kg	☼	10/20/15 08:35	10/22/15 05:15	20
Pentachlorophenol	ND		14000	7300	ug/Kg	☼	10/20/15 08:35	10/22/15 05:15	20
Phenanthrene	**1900**	**J**	7300	1100	ug/Kg	☼	10/20/15 08:35	10/22/15 05:15	20
Phenol	ND		7300	1100	ug/Kg	☼	10/20/15 08:35	10/22/15 05:15	20
Pyrene	**4000**	**J**	7300	850	ug/Kg	☼	10/20/15 08:35	10/22/15 05:15	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*55*		*34 - 132*	*10/20/15 08:35*	*10/22/15 05:15*	*20*
Phenol-d5 (Surr)	*71*		*11 - 120*	*10/20/15 08:35*	*10/22/15 05:15*	*20*
p-Terphenyl-d14 (Surr)	*59*	*X*	*65 - 153*	*10/20/15 08:35*	*10/22/15 05:15*	*20*
2,4,6-Tribromophenol (Surr)	*0*	*X*	*39 - 146*	*10/20/15 08:35*	*10/22/15 05:15*	*20*
2-Fluorobiphenyl	*61*		*37 - 120*	*10/20/15 08:35*	*10/22/15 05:15*	*20*
2-Fluorophenol (Surr)	*60*		*18 - 120*	*10/20/15 08:35*	*10/22/15 05:15*	*20*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		360	69	ug/Kg	☼	10/20/15 08:23	10/22/15 14:06	100
4,4'-DDE	ND		360	75	ug/Kg	☼	10/20/15 08:23	10/22/15 14:06	100
4,4'-DDT	ND		360	83	ug/Kg	☼	10/20/15 08:23	10/22/15 14:06	100
Aldrin	ND		360	88	ug/Kg	☼	10/20/15 08:23	10/22/15 14:06	100
alpha-BHC	ND		360	64	ug/Kg	☼	10/20/15 08:23	10/22/15 14:06	100
alpha-Chlordane	ND		360	180	ug/Kg	☼	10/20/15 08:23	10/22/15 14:06	100
beta-BHC	ND		360	64	ug/Kg	☼	10/20/15 08:23	10/22/15 14:06	100
delta-BHC	ND		360	66	ug/Kg	☼	10/20/15 08:23	10/22/15 14:06	100
Dieldrin	ND		360	86	ug/Kg	☼	10/20/15 08:23	10/22/15 14:06	100
Endosulfan I	ND		360	69	ug/Kg	☼	10/20/15 08:23	10/22/15 14:06	100
Endosulfan II	ND		360	64	ug/Kg	☼	10/20/15 08:23	10/22/15 14:06	100
Endosulfan sulfate	ND		360	67	ug/Kg	☼	10/20/15 08:23	10/22/15 14:06	100
Endrin	ND		360	71	ug/Kg	☼	10/20/15 08:23	10/22/15 14:06	100
gamma-BHC (Lindane)	ND		360	66	ug/Kg	☼	10/20/15 08:23	10/22/15 14:06	100
Heptachlor	ND		360	77	ug/Kg	☼	10/20/15 08:23	10/22/15 14:06	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*0*	*X*	*32 - 136*	*10/20/15 08:23*	*10/22/15 14:06*	*100*
DCB Decachlorobiphenyl	*0*	*X*	*32 - 136*	*10/20/15 08:23*	*10/22/15 14:06*	*100*
Tetrachloro-m-xylene	*0*	*X*	*30 - 124*	*10/20/15 08:23*	*10/22/15 14:06*	*100*
Tetrachloro-m-xylene	*0*	*X*	*30 - 124*	*10/20/15 08:23*	*10/22/15 14:06*	*100*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.42	0.082	mg/Kg	☼	10/20/15 08:41	10/21/15 18:32	1
PCB-1221	ND		0.42	0.082	mg/Kg	☼	10/20/15 08:41	10/21/15 18:32	1
PCB-1232	ND		0.42	0.082	mg/Kg	☼	10/20/15 08:41	10/21/15 18:32	1
PCB-1242	ND		0.42	0.082	mg/Kg	☼	10/20/15 08:41	10/21/15 18:32	1
PCB-1248	ND		0.42	0.082	mg/Kg	☼	10/20/15 08:41	10/21/15 18:32	1
PCB-1254	ND		0.42	0.20	mg/Kg	☼	10/20/15 08:41	10/21/15 18:32	1
PCB-1260	ND		0.42	0.20	mg/Kg	☼	10/20/15 08:41	10/21/15 18:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*100*		*60 - 154*	*10/20/15 08:41*	*10/21/15 18:32*	*1*
Tetrachloro-m-xylene	*105*		*60 - 154*	*10/20/15 08:41*	*10/21/15 18:32*	*1*
DCB Decachlorobiphenyl	*79*		*65 - 174*	*10/20/15 08:41*	*10/21/15 18:32*	*1*
DCB Decachlorobiphenyl	*89*		*65 - 174*	*10/20/15 08:41*	*10/21/15 18:32*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		36	13	ug/Kg	☼	10/21/15 07:58	10/27/15 11:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*60*		*28 - 129*	*10/21/15 07:58*	*10/27/15 11:17*	*1*
2,4-Dichlorophenylacetic acid	*60*		*28 - 129*	*10/21/15 07:58*	*10/27/15 11:17*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**8.5**		4.4	0.88	mg/Kg	☼	10/20/15 13:06	10/21/15 13:55	1
Barium	**86.0**		1.1	0.24	mg/Kg	☼	10/20/15 13:06	10/21/15 13:55	1
Beryllium	**0.78**		0.44	0.061	mg/Kg	☼	10/20/15 13:06	10/21/15 13:55	1
Cadmium	**0.72**		0.44	0.066	mg/Kg	☼	10/20/15 13:06	10/21/15 13:55	1
Copper	**46.2**		2.2	0.46	mg/Kg	☼	10/20/15 13:06	10/21/15 13:55	1
Lead	**60.9**		2.2	0.53	mg/Kg	☼	10/20/15 13:06	10/21/15 13:55	1
Manganese	**534**	**B**	0.44	0.070	mg/Kg	☼	10/20/15 13:06	10/21/15 13:55	1

Client Sample ID: AWSS11- 0"-4"
Lab Sample ID: 480-89379-7

Date Collected: 10/18/15 11:15
Matrix: Solid
Date Received: 10/19/15 13:45
Percent Solids: 46.4

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	**34.2**		11.0	0.50	mg/Kg	☼	10/20/15 13:06	10/21/15 13:55	1
Selenium	ND		8.8	0.88	mg/Kg	☼	10/20/15 13:06	10/21/15 13:55	1
Silver	**1.1**	**J**	1.3	0.44	mg/Kg	☼	10/20/15 13:06	10/21/15 13:55	1
Zinc	**230**		4.4	1.4	mg/Kg	☼	10/20/15 13:06	10/21/15 13:55	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.34**		0.043	0.017	mg/Kg	☼	10/20/15 13:15	10/21/15 09:37	1

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☐

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
Curry Crewson	Norman Wohlabaugh EBMS	10/15/15	290435
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page** 1 of 2
1400 Broadway, Bldg 1D	(716) 445-2105		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
Buffalo / NY / 14211	same	Fisher	
Project Name and Location (State)	**Carrier/Waybill Number**		
Highland Plaza			
Contract/Purchase Order/Quote No.			
Quote # 480-119943			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis (Attach list if more space is needed): 8260C_VOCs	8270D	6081-B	8082-A	8151-A	6010-C	7471-B	Special Instructions/ Conditions of Receipt
SB-20 6'-8'	10/15/15	9:30				V							V							Level III package Required
SB-20 7'-8'		9:40				V							V							
SB-21 12'-20'		9:50				V							V							
SB-21 7'-8'		10:00				V							V							
SB-22 6'-8'		10:10				V							V							
SB-22 7'-8'		10:35				V							V							
SB-23 17'-24'		10:50				V							V							
SB-23 6'-7'		11:10				V							V							
SB-24 12'-14'		11:20				V							V	V	V	V	V	V	V	Hot sample
~~SB-24 10'-11'~~		~~11:40~~				V							V							
SB-24 14'-15'		1:05				V							V							Hot Sample
SB-24 23'-24'		1:15				V							V	V	V	V	V	V	V	[redacted]

480-89324 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other Rush Quote

QC Requirements (Specify)

	Relinquished By	Date	Time	Received By	Date	Time
1.	[signature]	10/16/15	4:55	[signature]	10-16-15	16:55
2.						
3.						

Comments

5.0, 5.3°C #1

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Page 388 of 590

02/22/2016

Chain of Custody Record

TAL-4124 (1007)

Temperature on Receipt ______

Drinking Water? Yes ☐ No ☐

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Client: Gary Crewson	Project Manager: Norman Wohlabaugh EGMS	Date: 10/15/15	Chain of Custody Number: 290436
Address: 1900 Broadway Bldg 1D	Telephone Number (Area Code)/Fax Number: (716) 445-2106	Lab Number	Page 2 of 2
City: Buffalo · State: NY · Zip Code: 14212	Site Contact: same · Lab Contact: Fisher		
Project Name and Location (State): Highland Plaza	Carrier/Waybill Number		
Contract/Purchase Order/Quote No.: Quote# 48011943			

Analysis (Attach list if more space is needed): 8260C VOCs; 8270D; 8081B; 8082A; 6010C; 7471B; 8051A

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Air	Aqueous	Sed.	Soil	Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	8260C VOCs	8270D	8081B	8082A	6010C	7471B	8051A	Special Instructions/ Conditions of Receipt
SB-27 0"-14"	10/15/15	1:40				✓							✓	✓	✓	✓	✓	✓	✓	
SB27 23'-24'	10/15/15	2:25				✓							✓							
SB-27 14'-15'	10/15/15	2:05				✓							✓							

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ______ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other ______

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: N Wohlabaugh	10/16/15	4:55	1. Received By: [signature]	10-16-15	1655
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments: 5.0, 5.3°C #1

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Chain of Custody Record

TAL-4124 (1007)

Temperature on Receipt ________

Drinking Water? Yes☐ No☐

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Field	Entry
Client	Gary Crewson
Address	1800 Broadway
City	Buffalo
State	NY
Zip Code	14212
Project Name and Location (State)	Highland Playa
Contract/Purchase Order/Quote No.	Quote# 48011943
Project Manager	Norman Wohlabaugh
Telephone Number (Area Code)/Fax Number	(716) 445-2105
Site Contact	Same
Lab Contact	Fis Lovs
Carrier/Waybill Number	
Date	10/16/15
Lab Number	
Chain of Custody Number	290437
Page ___ of ___	

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Air	Aqueous	Sed.	Soil	Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	8260C VOCs	8270D	8081-B	8082-A	8151-A	6010-C	7471-B	Special Instructions/ Conditions of Receipt
SB-29 17-22"	10/16/15	8:20				✓							✓							Level III package
SB-29 7-8'		8:30				✓							✓							
SB-25 16"-20"		9:00				✓							✓							Hot sample
SB-25 6'-7'		9:10				✓							✓							Hot sample
SB-26 17"-22"		9:20				✓							✓							
SB-26 7'-8'		9:30				✓							✓							
SB-28 10-22"		9:45				✓							✓	✓	✓	✓	✓	✓	✓	
SB-28 7-9'		9:58				✓							✓							
MS-2 (SB28-10"-22")		10:05				✓							✓	✓	✓	✓	✓	✓	✓	
MSD-2 (SB28-10"-22")		10:15				✓							✓	✓	✓	✓	✓	✓	✓	

480-89322 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For ______ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other Per Quote

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: N Wohlabaugh	10/16/15	4:55pm	1. Received By: [signature]	10-16-15	16:55
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments
5.0, 5.3°C #1

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Fax (716) 691-7991

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Norm Wohlabaugh	Lab PM: Fischer, Brian J	Carrier Tracking No(s):	COC No: 480-72941-18553.5
Client Contact: Mr. [redacted]	Phone: 716-445-2105	E-Mail: brian.fischer@testamericainc.com		Page: Page 5 of 5
Company: [redacted]				Job #:

Address: [redacted]	Due Date Requested:	
City: [redacted]	TAT Requested (days): Per Quote	
State, Zip: NY, [redacted]	PO #: Purchase Order not required	
Phone: [redacted]	WO #:	
Email: nwohlabaugh@verizon.net		
Project Name: Highland Plaza Project	Project #: 48012783	
Site:	SSOW#:	

Analysis Requested

Preservation Codes:
M - Hexane
K - EDTA
L - EDA
Z - other (specify)
Other:

480-89379 Chain of Custody

drate

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - (MOD) Copy Analytes	6010C, 7471B	8081B, 8082A, 8151A, 8270D	Total Number of containe	Special Instructions/Note:
			Preservation Code:				N	N	N		
AWSS6 - 0"-4"	10/18/15	9:35	G	Solid			✓	✓	✓		
AWSS 7 - 0"-4"		9:45	G	Solid			✓	✓	✓		
Field Duplicate 2			G	Solid			✓				
AWSS 8 - 0"-4"		10:20	G	Solid			✓				
AWSS 9 - 0"-4"		10:30	G	Solid			✓	✓	✓		
AWSS10 - 0"-4"		11:00	G	Solid			✓				
AWSS11 - 0"-4"		11:15	G	Solid			✓	✓	✓		
				Solid							
				Solid							
				Solid							
				Solid							

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) Level III

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Norm Wohlabaugh	10/19/15 13:45			10/19/15 1345	TAL Buf.
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 5.0 #1

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02/22/2016

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

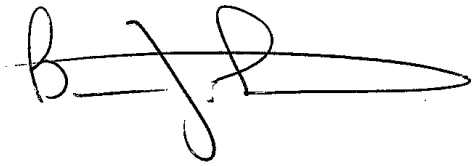
ANALYTICAL REPORT

Job Number: 480-93079-1

Job Description: Highland Plaza Project

For:
Environmental & Geologic Management Serv
15 Briar Hill Road
Orchard Park, NY 14127

Attention: Mr. Norm Wohlabaugh



Approved for release.
Brian J Fischer
Manager of Project Management
2/16/2016 4:15 PM

Brian J Fischer, Manager of Project Management
10 Hazelwood Drive, Amherst, NY, 14228-2298
(716)504-9835
brian.fischer@testamericainc.com
02/16/2016

The test results in this report meet all NELAP requirements for analytes for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this test report should be directed to the TestAmerica Project Manager who has signed this report.

TestAmerica Buffalo NELAC Certifications: CADPH 01169CA, FLDOH E87672, ILEPA 200003, KSDOH E-10187, LADEQ 30708, MDH 036-999-337, NHELAP 2973, NJDEP NY455, NHDOH 10026, ORELAP NY200003, PADEP 68-00281, TXCEQ T-104704412-10-1

Job Narrative
480-93079-1

Receipt
The samples were received on 12/22/2015 11:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.0º C.

GC/MS VOA
Method(s) 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-4 (480-93079-5) and MW-5 (480-93079-6). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-5 (480-93079-6). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-4 (480-93079-5). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Sample Summary

Client: Environmental & Geologic Management Serv
Project/Site: Highland Plaza Project

TestAmerica Job ID: 480-93079-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-93079-1	MW-1	Water	12/22/15 08:38	12/22/15 11:30
480-93079-2	MW-2	Water	12/22/15 09:08	12/22/15 11:30
480-93079-3	DUP @ MW-2	Water	12/22/15 09:09	12/22/15 11:30
480-93079-4	MW-3	Water	12/22/15 09:36	12/22/15 11:30
480-93079-5	MW-4	Water	12/22/15 10:06	12/22/15 11:30
480-93079-6	MW-5	Water	12/22/15 10:40	12/22/15 11:30

Method Summary

Client: Environmental & Geologic Management Serv
Project/Site: Highland Plaza Project

TestAmerica Job ID: 480-93079-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Client Sample ID: MW-1
Lab Sample ID: 480-93079-1

Date Collected: 12/22/15 08:38
Matrix: Water
Date Received: 12/22/15 11:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			01/05/16 05:37	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/05/16 05:37	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/05/16 05:37	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			01/05/16 05:37	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/05/16 05:37	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/05/16 05:37	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			01/05/16 05:37	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/05/16 05:37	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/05/16 05:37	1
1,4-Dioxane	ND		40	9.3	ug/L			01/05/16 05:37	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/05/16 05:37	1
Acetone	**5.4**	**J**	10	3.0	ug/L			01/05/16 05:37	1
Benzene	ND		1.0	0.41	ug/L			01/05/16 05:37	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/05/16 05:37	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/05/16 05:37	1
Chloroform	ND		1.0	0.34	ug/L			01/05/16 05:37	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/05/16 05:37	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/05/16 05:37	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			01/05/16 05:37	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/05/16 05:37	1
n-Butylbenzene	ND		1.0	0.64	ug/L			01/05/16 05:37	1
N-Propylbenzene	ND		1.0	0.69	ug/L			01/05/16 05:37	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			01/05/16 05:37	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/05/16 05:37	1
Toluene	ND		1.0	0.51	ug/L			01/05/16 05:37	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/05/16 05:37	1
Trichloroethene	ND		1.0	0.46	ug/L			01/05/16 05:37	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/05/16 05:37	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/05/16 05:37	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			01/05/16 05:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*115*		*60 - 140*		*01/05/16 05:37*	*1*
1,2-Dichloroethane-d4 (Surr)	*115*		*66 - 137*		*01/05/16 05:37*	*1*
4-Bromofluorobenzene (Surr)	*90*		*73 - 120*		*01/05/16 05:37*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*		*01/05/16 05:37*	*1*

Client Sample ID: MW-2
Lab Sample ID: 480-93079-2

Date Collected: 12/22/15 09:08
Matrix: Water
Date Received: 12/22/15 11:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			01/05/16 06:04	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/05/16 06:04	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/05/16 06:04	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			01/05/16 06:04	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/05/16 06:04	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/05/16 06:04	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			01/05/16 06:04	1

Client Sample ID: MW-2
Lab Sample ID: 480-93079-2

Date Collected: 12/22/15 09:08
Matrix: Water
Date Received: 12/22/15 11:30

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/05/16 06:04	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/05/16 06:04	1
1,4-Dioxane	ND		40	9.3	ug/L			01/05/16 06:04	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/05/16 06:04	1
Acetone	ND		10	3.0	ug/L			01/05/16 06:04	1
Benzene	ND		1.0	0.41	ug/L			01/05/16 06:04	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/05/16 06:04	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/05/16 06:04	1
Chloroform	ND		1.0	0.34	ug/L			01/05/16 06:04	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/05/16 06:04	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/05/16 06:04	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			01/05/16 06:04	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/05/16 06:04	1
n-Butylbenzene	ND		1.0	0.64	ug/L			01/05/16 06:04	1
N-Propylbenzene	ND		1.0	0.69	ug/L			01/05/16 06:04	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			01/05/16 06:04	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/05/16 06:04	1
Toluene	ND		1.0	0.51	ug/L			01/05/16 06:04	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/05/16 06:04	1
Trichloroethene	ND		1.0	0.46	ug/L			01/05/16 06:04	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/05/16 06:04	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/05/16 06:04	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			01/05/16 06:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*115*		*60 - 140*		*01/05/16 06:04*	*1*
1,2-Dichloroethane-d4 (Surr)	*118*		*66 - 137*		*01/05/16 06:04*	*1*
4-Bromofluorobenzene (Surr)	*90*		*73 - 120*		*01/05/16 06:04*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*		*01/05/16 06:04*	*1*

Client Sample ID: DUP @ MW-2
Lab Sample ID: 480-93079-3

Date Collected: 12/22/15 09:09
Matrix: Water
Date Received: 12/22/15 11:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			01/05/16 06:31	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/05/16 06:31	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/05/16 06:31	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			01/05/16 06:31	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/05/16 06:31	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/05/16 06:31	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			01/05/16 06:31	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/05/16 06:31	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/05/16 06:31	1
1,4-Dioxane	ND		40	9.3	ug/L			01/05/16 06:31	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/05/16 06:31	1
Acetone	ND		10	3.0	ug/L			01/05/16 06:31	1
Benzene	ND		1.0	0.41	ug/L			01/05/16 06:31	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/05/16 06:31	1

Client Sample ID: DUP @ MW-2
Lab Sample ID: 480-93079-3
Date Collected: 12/22/15 09:09
Matrix: Water
Date Received: 12/22/15 11:30

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		1.0	0.75	ug/L			01/05/16 06:31	1
Chloroform	ND		1.0	0.34	ug/L			01/05/16 06:31	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/05/16 06:31	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/05/16 06:31	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			01/05/16 06:31	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/05/16 06:31	1
n-Butylbenzene	ND		1.0	0.64	ug/L			01/05/16 06:31	1
N-Propylbenzene	ND		1.0	0.69	ug/L			01/05/16 06:31	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			01/05/16 06:31	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/05/16 06:31	1
Toluene	ND		1.0	0.51	ug/L			01/05/16 06:31	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/05/16 06:31	1
Trichloroethene	ND		1.0	0.46	ug/L			01/05/16 06:31	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/05/16 06:31	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/05/16 06:31	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			01/05/16 06:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*112*		*60 - 140*		*01/05/16 06:31*	*1*
1,2-Dichloroethane-d4 (Surr)	*115*		*66 - 137*		*01/05/16 06:31*	*1*
4-Bromofluorobenzene (Surr)	*89*		*73 - 120*		*01/05/16 06:31*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*		*01/05/16 06:31*	*1*

Client Sample ID: MW-3
Lab Sample ID: 480-93079-4
Date Collected: 12/22/15 09:36
Matrix: Water
Date Received: 12/22/15 11:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			01/05/16 06:58	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/05/16 06:58	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/05/16 06:58	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			01/05/16 06:58	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/05/16 06:58	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/05/16 06:58	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			01/05/16 06:58	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/05/16 06:58	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/05/16 06:58	1
1,4-Dioxane	ND		40	9.3	ug/L			01/05/16 06:58	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/05/16 06:58	1
Acetone	ND		10	3.0	ug/L			01/05/16 06:58	1
Benzene	ND		1.0	0.41	ug/L			01/05/16 06:58	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/05/16 06:58	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/05/16 06:58	1
Chloroform	ND		1.0	0.34	ug/L			01/05/16 06:58	1
cis-1,2-Dichloroethene	**24**		1.0	0.81	ug/L			01/05/16 06:58	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/05/16 06:58	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			01/05/16 06:58	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/05/16 06:58	1
n-Butylbenzene	ND		1.0	0.64	ug/L			01/05/16 06:58	1

Client Sample ID: MW-3
Lab Sample ID: 480-93079-4
Date Collected: 12/22/15 09:36
Matrix: Water
Date Received: 12/22/15 11:30

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		1.0	0.69	ug/L			01/05/16 06:58	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			01/05/16 06:58	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/05/16 06:58	1
Toluene	ND		1.0	0.51	ug/L			01/05/16 06:58	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/05/16 06:58	1
Trichloroethene	**0.85**	**J**	1.0	0.46	ug/L			01/05/16 06:58	1
Vinyl chloride	ND	F2	1.0	0.90	ug/L			01/05/16 06:58	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/05/16 06:58	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			01/05/16 06:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*118*		*60 - 140*		*01/05/16 06:58*	*1*
1,2-Dichloroethane-d4 (Surr)	*113*		*66 - 137*		*01/05/16 06:58*	*1*
4-Bromofluorobenzene (Surr)	*91*		*73 - 120*		*01/05/16 06:58*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*		*01/05/16 06:58*	*1*

Client Sample ID: MW-4
Lab Sample ID: 480-93079-5
Date Collected: 12/22/15 10:06
Matrix: Water
Date Received: 12/22/15 11:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		20	16	ug/L			01/04/16 20:00	20
1,1-Dichloroethane	ND		20	7.6	ug/L			01/04/16 20:00	20
1,1-Dichloroethene	**10**	**J**	20	5.8	ug/L			01/04/16 20:00	20
1,2,4-Trimethylbenzene	ND		20	15	ug/L			01/04/16 20:00	20
1,2-Dichlorobenzene	ND		20	16	ug/L			01/04/16 20:00	20
1,2-Dichloroethane	ND		20	4.2	ug/L			01/04/16 20:00	20
1,3,5-Trimethylbenzene	ND		20	15	ug/L			01/04/16 20:00	20
1,3-Dichlorobenzene	ND		20	16	ug/L			01/04/16 20:00	20
1,4-Dichlorobenzene	ND		20	17	ug/L			01/04/16 20:00	20
1,4-Dioxane	ND		800	190	ug/L			01/04/16 20:00	20
2-Butanone (MEK)	ND		200	26	ug/L			01/04/16 20:00	20
Acetone	ND		200	60	ug/L			01/04/16 20:00	20
Benzene	ND		20	8.2	ug/L			01/04/16 20:00	20
Carbon tetrachloride	ND		20	5.4	ug/L			01/04/16 20:00	20
Chlorobenzene	ND		20	15	ug/L			01/04/16 20:00	20
Chloroform	ND		20	6.8	ug/L			01/04/16 20:00	20
cis-1,2-Dichloroethene	**900**		20	16	ug/L			01/04/16 20:00	20
Ethylbenzene	ND		20	15	ug/L			01/04/16 20:00	20
Methyl tert-butyl ether	ND		20	3.2	ug/L			01/04/16 20:00	20
Methylene Chloride	ND		20	8.8	ug/L			01/04/16 20:00	20
n-Butylbenzene	ND		20	13	ug/L			01/04/16 20:00	20
N-Propylbenzene	ND		20	14	ug/L			01/04/16 20:00	20
sec-Butylbenzene	ND		20	15	ug/L			01/04/16 20:00	20
Tetrachloroethene	**22000**	**E**	20	7.2	ug/L			01/04/16 20:00	20
Toluene	ND		20	10	ug/L			01/04/16 20:00	20
trans-1,2-Dichloroethene	ND		20	18	ug/L			01/04/16 20:00	20
Trichloroethene	**740**		20	9.2	ug/L			01/04/16 20:00	20
Vinyl chloride	ND		20	18	ug/L			01/04/16 20:00	20

Client Sample ID: MW-4
Date Collected: 12/22/15 10:06
Date Received: 12/22/15 11:30

Lab Sample ID: 480-93079-5
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		40	13	ug/L			01/04/16 20:00	20
tert-Butylbenzene	ND		20	16	ug/L			01/04/16 20:00	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*117*		*60 - 140*		*01/04/16 20:00*	*20*
1,2-Dichloroethane-d4 (Surr)	*118*		*66 - 137*		*01/04/16 20:00*	*20*
4-Bromofluorobenzene (Surr)	*87*		*73 - 120*		*01/04/16 20:00*	*20*
Toluene-d8 (Surr)	*99*		*71 - 126*		*01/04/16 20:00*	*20*

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1000	820	ug/L			01/05/16 15:24	1000
1,1-Dichloroethane	ND		1000	380	ug/L			01/05/16 15:24	1000
1,1-Dichloroethene	ND		1000	290	ug/L			01/05/16 15:24	1000
1,2,4-Trimethylbenzene	ND		1000	750	ug/L			01/05/16 15:24	1000
1,2-Dichlorobenzene	ND		1000	790	ug/L			01/05/16 15:24	1000
1,2-Dichloroethane	ND		1000	210	ug/L			01/05/16 15:24	1000
1,3,5-Trimethylbenzene	ND		1000	770	ug/L			01/05/16 15:24	1000
1,3-Dichlorobenzene	ND		1000	780	ug/L			01/05/16 15:24	1000
1,4-Dichlorobenzene	ND		1000	840	ug/L			01/05/16 15:24	1000
1,4-Dioxane	ND		40000	9300	ug/L			01/05/16 15:24	1000
2-Butanone (MEK)	ND		10000	1300	ug/L			01/05/16 15:24	1000
Acetone	ND		10000	3000	ug/L			01/05/16 15:24	1000
Benzene	ND		1000	410	ug/L			01/05/16 15:24	1000
Carbon tetrachloride	ND		1000	270	ug/L			01/05/16 15:24	1000
Chlorobenzene	ND		1000	750	ug/L			01/05/16 15:24	1000
Chloroform	ND		1000	340	ug/L			01/05/16 15:24	1000
cis-1,2-Dichloroethene	ND		1000	810	ug/L			01/05/16 15:24	1000
Ethylbenzene	ND		1000	740	ug/L			01/05/16 15:24	1000
Methyl tert-butyl ether	ND		1000	160	ug/L			01/05/16 15:24	1000
Methylene Chloride	ND		1000	440	ug/L			01/05/16 15:24	1000
n-Butylbenzene	ND		1000	640	ug/L			01/05/16 15:24	1000
N-Propylbenzene	ND		1000	690	ug/L			01/05/16 15:24	1000
sec-Butylbenzene	ND		1000	750	ug/L			01/05/16 15:24	1000
Tetrachloroethene	**58000**		1000	360	ug/L			01/05/16 15:24	1000
Toluene	ND		1000	510	ug/L			01/05/16 15:24	1000
trans-1,2-Dichloroethene	ND		1000	900	ug/L			01/05/16 15:24	1000
Trichloroethene	**560**	**J**	1000	460	ug/L			01/05/16 15:24	1000
Vinyl chloride	ND		1000	900	ug/L			01/05/16 15:24	1000
Xylenes, Total	ND		2000	660	ug/L			01/05/16 15:24	1000
tert-Butylbenzene	ND		1000	810	ug/L			01/05/16 15:24	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*115*		*60 - 140*		*01/05/16 15:24*	*1000*
1,2-Dichloroethane-d4 (Surr)	*113*		*66 - 137*		*01/05/16 15:24*	*1000*
4-Bromofluorobenzene (Surr)	*90*		*73 - 120*		*01/05/16 15:24*	*1000*
Toluene-d8 (Surr)	*100*		*71 - 126*		*01/05/16 15:24*	*1000*

Client Sample ID: MW-5
Date Collected: 12/22/15 10:40
Date Received: 12/22/15 11:30

Lab Sample ID: 480-93079-6
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		20	16	ug/L			01/04/16 20:27	20
1,1-Dichloroethane	ND		20	7.6	ug/L			01/04/16 20:27	20
1,1-Dichloroethene	ND		20	5.8	ug/L			01/04/16 20:27	20
1,2,4-Trimethylbenzene	ND		20	15	ug/L			01/04/16 20:27	20
1,2-Dichlorobenzene	ND		20	16	ug/L			01/04/16 20:27	20
1,2-Dichloroethane	ND		20	4.2	ug/L			01/04/16 20:27	20
1,3,5-Trimethylbenzene	ND		20	15	ug/L			01/04/16 20:27	20
1,3-Dichlorobenzene	ND		20	16	ug/L			01/04/16 20:27	20
1,4-Dichlorobenzene	ND		20	17	ug/L			01/04/16 20:27	20
1,4-Dioxane	ND		800	190	ug/L			01/04/16 20:27	20
2-Butanone (MEK)	ND		200	26	ug/L			01/04/16 20:27	20
Acetone	ND		200	60	ug/L			01/04/16 20:27	20
Benzene	ND		20	8.2	ug/L			01/04/16 20:27	20
Carbon tetrachloride	ND		20	5.4	ug/L			01/04/16 20:27	20
Chlorobenzene	ND		20	15	ug/L			01/04/16 20:27	20
Chloroform	ND		20	6.8	ug/L			01/04/16 20:27	20
cis-1,2-Dichloroethene	**1100**		20	16	ug/L			01/04/16 20:27	20
Ethylbenzene	ND		20	15	ug/L			01/04/16 20:27	20
Methyl tert-butyl ether	ND		20	3.2	ug/L			01/04/16 20:27	20
Methylene Chloride	ND		20	8.8	ug/L			01/04/16 20:27	20
n-Butylbenzene	ND		20	13	ug/L			01/04/16 20:27	20
N-Propylbenzene	ND		20	14	ug/L			01/04/16 20:27	20
sec-Butylbenzene	ND		20	15	ug/L			01/04/16 20:27	20
Tetrachloroethene	**3200**	**E**	20	7.2	ug/L			01/04/16 20:27	20
Toluene	ND		20	10	ug/L			01/04/16 20:27	20
trans-1,2-Dichloroethene	**34**		20	18	ug/L			01/04/16 20:27	20
Trichloroethene	**1700**		20	9.2	ug/L			01/04/16 20:27	20
Vinyl chloride	ND		20	18	ug/L			01/04/16 20:27	20
Xylenes, Total	ND		40	13	ug/L			01/04/16 20:27	20
tert-Butylbenzene	ND		20	16	ug/L			01/04/16 20:27	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*116*		*60 - 140*		*01/04/16 20:27*	*20*
1,2-Dichloroethane-d4 (Surr)	*113*		*66 - 137*		*01/04/16 20:27*	*20*
4-Bromofluorobenzene (Surr)	*91*		*73 - 120*		*01/04/16 20:27*	*20*
Toluene-d8 (Surr)	*102*		*71 - 126*		*01/04/16 20:27*	*20*

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		50	41	ug/L			01/05/16 07:52	50
1,1-Dichloroethane	ND		50	19	ug/L			01/05/16 07:52	50
1,1-Dichloroethene	ND		50	15	ug/L			01/05/16 07:52	50
1,2,4-Trimethylbenzene	ND		50	38	ug/L			01/05/16 07:52	50
1,2-Dichlorobenzene	ND		50	40	ug/L			01/05/16 07:52	50
1,2-Dichloroethane	ND		50	11	ug/L			01/05/16 07:52	50
1,3,5-Trimethylbenzene	ND		50	39	ug/L			01/05/16 07:52	50
1,3-Dichlorobenzene	ND		50	39	ug/L			01/05/16 07:52	50
1,4-Dichlorobenzene	ND		50	42	ug/L			01/05/16 07:52	50
1,4-Dioxane	ND		2000	470	ug/L			01/05/16 07:52	50
2-Butanone (MEK)	ND		500	66	ug/L			01/05/16 07:52	50

Client Sample ID: MW-5
Date Collected: 12/22/15 10:40
Date Received: 12/22/15 11:30

Lab Sample ID: 480-93079-6
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		500	150	ug/L			01/05/16 07:52	50
Benzene	ND		50	21	ug/L			01/05/16 07:52	50
Carbon tetrachloride	ND		50	14	ug/L			01/05/16 07:52	50
Chlorobenzene	ND		50	38	ug/L			01/05/16 07:52	50
Chloroform	ND		50	17	ug/L			01/05/16 07:52	50
cis-1,2-Dichloroethene	**910**		50	41	ug/L			01/05/16 07:52	50
Ethylbenzene	ND		50	37	ug/L			01/05/16 07:52	50
Methyl tert-butyl ether	ND		50	8.0	ug/L			01/05/16 07:52	50
Methylene Chloride	ND		50	22	ug/L			01/05/16 07:52	50
n-Butylbenzene	ND		50	32	ug/L			01/05/16 07:52	50
N-Propylbenzene	ND		50	35	ug/L			01/05/16 07:52	50
sec-Butylbenzene	ND		50	38	ug/L			01/05/16 07:52	50
Tetrachloroethene	**3000**		50	18	ug/L			01/05/16 07:52	50
Toluene	ND		50	26	ug/L			01/05/16 07:52	50
trans-1,2-Dichloroethene	ND		50	45	ug/L			01/05/16 07:52	50
Trichloroethene	**1500**		50	23	ug/L			01/05/16 07:52	50
Vinyl chloride	ND		50	45	ug/L			01/05/16 07:52	50
Xylenes, Total	ND		100	33	ug/L			01/05/16 07:52	50
tert-Butylbenzene	ND		50	41	ug/L			01/05/16 07:52	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*117*		*60 - 140*		*01/05/16 07:52*	*50*
1,2-Dichloroethane-d4 (Surr)	*118*		*66 - 137*		*01/05/16 07:52*	*50*
4-Bromofluorobenzene (Surr)	*89*		*73 - 120*		*01/05/16 07:52*	*50*
Toluene-d8 (Surr)	*98*		*71 - 126*		*01/05/16 07:52*	*50*

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Chain of Custody Record

12-22-15

480-93079 Chain of Custody

Client Information	Sampler: N. WOHLABAUGH	Lab PM: Fischer, Brian J	Carrier Tracking No(s):	Page: Page 1 of 1
Client Contact: ~~Mr. Norm Wohlabaugh~~ GARY CREWSON	Phone: 716-445-2105	E-Mail: brian.fischer@testamericainc.com		
Company: ~~Environmental & Geologic Management Serv~~ HIGHLAND PLAZA -				Job #:

Address: ~~15 Brief Hill Road~~ 215 HIGHLAND PKWY	Due Date Requested:	
City: ~~Orchard Park~~ TONAWANDA	TAT Requested (days): STANDARD	
State, Zip: ~~NY, 14127~~ NY		
Phone: ~~716-662-8800(Tel)~~ 716-867-2369	PO #: Purchase Order not required	
Email: nwohlabaugh@verizon.net	WO #:	
Project Name: Highland Plaza Project	Project #: 48012783	
Site:	SSOW#:	

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - (MOD) Copy Analytes	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A		
MW-1	12-22-15	8:38	G	Water			X	2	
MW-2	12-22-15	9:08	G	Water			X	2	
DUP @ MW-2	12-22-15	9:09	G	Water			X	2	
MW-3	12-22-15	9:36	G	Water			X	2	HOT SAMPLE (?)
MS @ MW-3	12-22-15	9:36	G	Water			X	2	HOT SAMPLE (?)
SD @ MW-3	12-22-15	9:36	G	Water			X	2	HOT SAMPLE (?)
MW-4	12-22-15	10:06	G	Water			X	2	HOT SAMPLE (?)
MW-5	12-22-15	10:40	G	Water			X	2	HOT SAMPLE (?)

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) LEVEL III PER QUOTE

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by	Date/Time:	Company
		12/22/15-11:30	ES+S		12/22/15 1130	
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: △ Yes △ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 1.0 #1

02/16/2016