

**PHASE II
SUPPLEMENTAL FIELD INVESTIGATION AND
SITE ASSESSMENT REPORT**

FOR

**GALLAGHER BEACH
BUFFALO, NEW YORK**

PREPARED FOR:

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OCTOBER 2004

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1.0 PROJECT PURPOSE AND SCOPE

The Supplemental Field Investigation was performed by Watts Engineering and Architecture, P.C., (Watts Engineers) at the request of Wendel-Duchscherer on behalf of the New York State Office of Parks, Recreation, and Historic Preservation (NYSOPRHP). This report covers the remaining portion of Gallagher Beach not assessed in the previous field investigation conducted by Watts Engineers in July 2004. The initial soil investigation was performed in a area where the playground and splashground building structure were proposed to be constructed. This supplemental soil investigation was conducted to investigate and characterize surface and near surface soils across the entire proposed park. The areas investigated include the beach, a small grassy area south of the beach, major portions of the recreational greenspace surrounding the proposed playground and adjacent areas to the north along the waterfront.

The proposed park is located in an area of historical fill activities and contains materials such as slag and cinder, brick and masonry, metal scrap, Buffalo River and Buffalo Harbor dredge spoils, and soil believed to have been excavated from across the City of Buffalo to facilitate construction/redevelopment at former industrial sites. This investigation was performed to determine if elevated compound concentrations were present in surface soils that could be a potential environmental concern with the proposal to have this area serve as a playground and park for the public without any restrictions or institutional/engineering controls.

2.0 SOIL/FILL IDENTIFICATION, CHARACTERIZATION, AND SAMPLE COLLECTION

The field investigation was conducted on Thursday, September 30, 2004. The investigation involved the collection of thirty (30) soil samples from locations across the property. The sample locations were determined by NYSOPRHP personnel in consultation with Watts Engineers.

Twenty-four (24) of thirty (30) soil samples were collected from a 150-foot by 125-foot grid located west of the main parking lot. At twenty (20) locations, surface soil samples were collected from a depth of 0 to 2 inches. In addition, at four (4) of these twenty-four (24) locations, a second sample was collected from a depth of 2 to 24 inches to characterize subsurface soil conditions.

The remaining six (6) of the thirty (30) samples were collected outside the grid area. Three (3) of the outside six (6) samples were collected along the beach area from a depth of 2 to 12 inches to characterize near surface and subsurface conditions. Surficial materials were not sampled from the beach area as the only surficial material present was coarse gravel.

One (1) of the outside six (6) samples was collected from a grassy knoll area located south of the beach area. The sample was collected from the depth of 6 to 24 inches to represent near surface soil/fill conditions in this area.

The remaining two (2) of the outside six (6) samples were collected along the grassy recreational area located adjacent to the northwestern edge of the site. Both of the samples were collected from a depth of 0 to 2 inches to represent those soils most likely to be contacted by users of the site.

Please refer to Figure 2-1 which provides a sample location map that identifies each of the sampling locations superimposed on top of an aerial photograph of the project site. Sample locations were referenced in the field with the use of a personal global positioning system unit and should be accurate to within several yards.

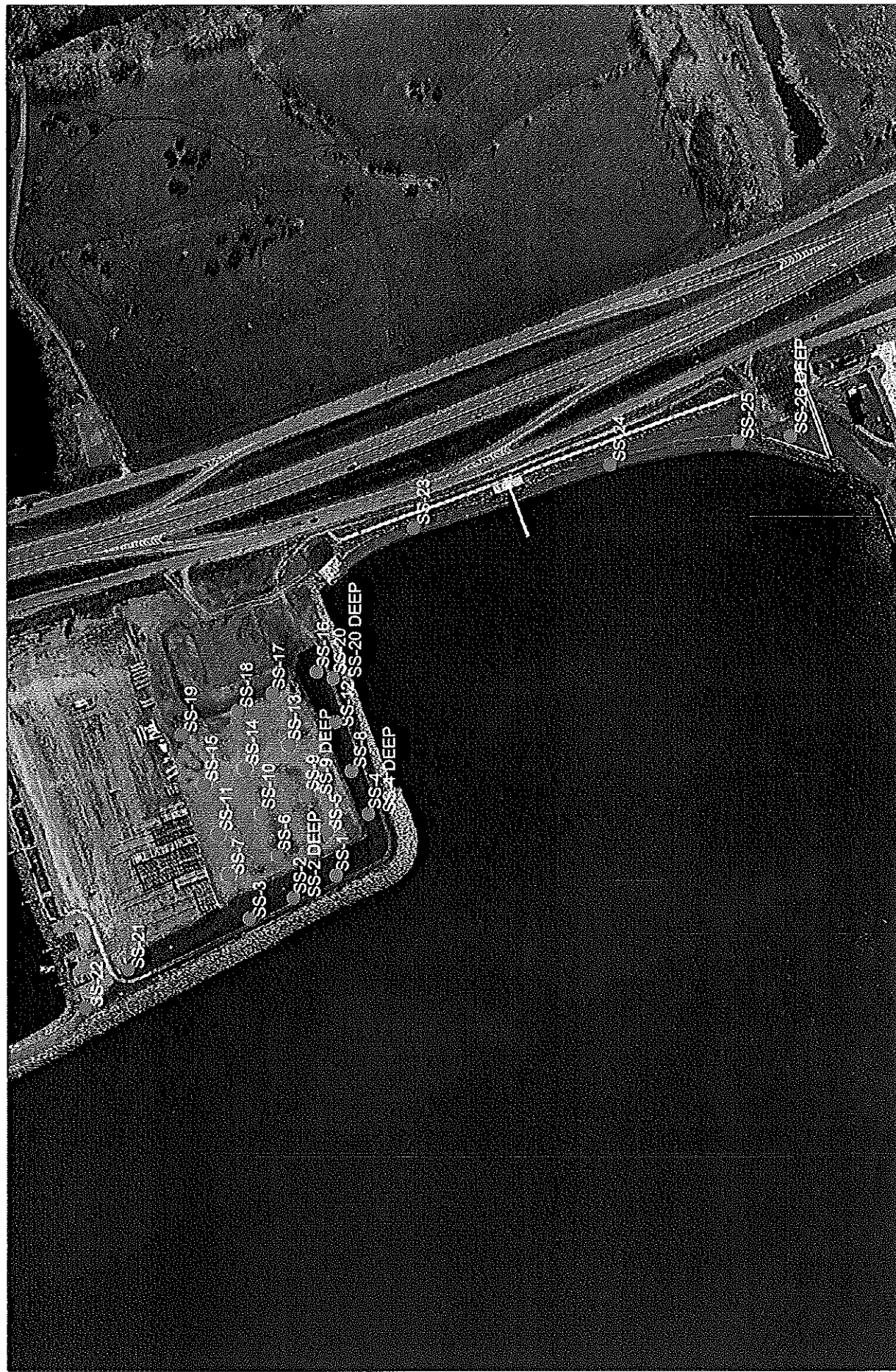
All samples were collected manually using dedicated disposable teflon scoops or clean stainless steel trowels or hand augers. Photographs were taken during the field investigation and are found in **Appendix A**.

2.1 Evaluation of Surface Soils

Surface soils within the grid area, northwest area, and grassy knoll are composed of brown to reddish-brown silts and silty clays. Most of the materials have been re-worked and graded recently in preparation of the proposed plans to construct a park and recreation area. Fill composed primarily of brick, slag, small concrete, and stone with some wood is commonly intermixed with the soil. Surface conditions in the beach area consisted of pebbles with some sandy soils.

2.2 Sample Collection Summary

Soil samples were collected directly from each location. Samples were designated based on a combination of their origin and depth (when more than one sample was collected from the same location). Pertinent information was recorded on a chain-of custody form. The samples were then packaged, placed on ice and hand-delivered Severn-Trent Laboratories (STL), Inc., located in Amherst, New York.



3.0 LABORATORY ANALYSIS AND RESULTS

This section presents a summary of the analytical data for the soil/fill samples collected during the field investigation. Thirty (30) samples were analyzed for the following parameters:

- Target Compound List (TCL) Semi-Volatile Organics via EPA SW-846 Method 8270
- Target Compound List (TCL) Pesticides/PCBs via EPA SW-846 Method 8081/8082
- Target Analyte List (TAL) Inorganics plus Cyanide via EPA SW-846 Method 8463

The five (5) subsurface samples collected from a depth of 2 to 24 inches were also analyzed for:

- Target Compound List (TCL) Volatile Organics via EPA SW-846 Method 8260

A copy of the chain-of-custody form and laboratory analytical results received from Severn Trent Laboratories is found in **Appendix B**.

Watts Engineers has summarized the laboratory results in **Tables 3-1, 3-2, 3-3, 3-4, and 3-5**. These tables also contain New York State Department of Environmental Conservation (NYSDEC) recommended soil cleanup objectives so a comparison of the results can be made to applicable regulatory guidance values.

Table 3-1 summarizes the TCL volatile organic analytical results for the five samples. Methylene chloride was the only compound detected in the samples. Where detected, its concentrations was found below NYSDEC recommended cleanup objectives. Methylene chloride is a common laboratory contaminant and is often detected at low concentrations as a residual from the cleaning process associated with the glassware and laboratory instrumentation. As a result of its presence in the laboratory blank (B), its identification has been qualified in this regard.

Table 3-2 summaries the TCL semi-volatile organic analytical results for the 30 samples. While semi-volatile compounds were detected including naphthalene, 2-methylnaphthalene, acenaphthene, dibenzofuran, fluorene, phenanthrene, anthracene, fluoranthene, pyrene, benzo(a) anthracene, chrysene, benzo(b) fluoranthene, benzo(k) fluoranthene, benzo(a) pyrene, indeno(1,2,3-cd) pyrene, dibenzo (a,h) anthracene, and benzo(ghi) perylene, only those shaded in the table were detected at elevated concentrations when compared to NYSDEC recommended soil cleanup objectives.

Compounds typically exceeding NYSDEC recommended cleanup objectives included benzo(a) anthracene, chrysene, benzo(b) fluoranthene, benzo(k) fluoranthene, and benzo(a) pyrene. The exceedences occurred in samples collected from SS-2 shallow and deep, SS-7, SS-11, SS-14, SS-15, SS-19, SS-20 deep, SS-25 and SS-26 deep. The semi-volatiles detected above recommended soil cleanup objectives include a class of compounds known as polynuclear aromatic hydrocarbons (PAHs). These compounds have very low recommended soil cleanup objectives due to their carcinogenic nature, however, they are very commonly observed in samples collected during field investigations where commercial and industrial fill is present.

Table 3-3 summarizes the TCL pesticide results for the 30 soil samples collected for laboratory analysis. While pesticides were detected in 29 of 30 samples, none were identified in any of the samples at concentrations above the NYSDEC recommended soil cleanup objectives.

Table 3-4 summarizes the TCL PCB results for the 30 soil samples collected for laboratory analysis. PCBs were detected in 23 of 30 samples, but none of the samples had concentrations above the NYSDEC recommended soil cleanup objective. From the sample results it appears that the deeper soil/fill layers are more likely to have a higher concentrations of PCBs.

Table 3-5 summarizes the TAL inorganic (metal) and cyanide results for the 30 samples. Several inorganic compounds were detected at concentrations either above normal soil background levels or NYSDEC recommended soil cleanup objectives. Inorganics detected at elevated levels included arsenic, beryllium, calcium, chromium, copper, iron, magnesium, mercury, nickel, and zinc. None of the tested samples would fail the Toxicity Characteristic Leaching Procedure (TCLP) test for one of the 8 Resource Conservation and Recovery Act (RCRA) inorganics - arsenic, barium, cadmium, chromium, lead, mercury, selenium and silver, that would result in the soil being classified as a hazardous waste.

**TABLE 3-1
VOLATILE ORGANIC COMPOUNDS IN SOIL/FILL SAMPLES
GALLAGHER BEACH - ANALYTICAL DATA SUMMARY**

	Soil Concentration (µg/kg - ppb)					
Compound	Sample SS-2 Deep	Sample SS-4 Deep	Sample SS-9 Deep	Sample SS-20 Deep	Sample SS-26 Deep	NYSDEC Recommended Soil Cleanup Objectives ¹ (µg/kg - ppb)
Sample Date	9/30/04	9/30/04	9/30/04	9/30/04	9/30/04	
Sample Depths (in)	2-24	2-24	2-24	2-24	6-24	
Acetone						200
Benzene						60
Bromodichloromethane						N/A
Bromoform						N/A
Bromomethane						N/A
2-Butanone						300
Carbon Disulfide						2700
Carbon Tetrachloride						600
Chlorobenzene						1700
Chloromethane						N/A
Chloroethane						1900
Chloroform						300
Dibromochloromethane						N/A
1,1-Dichloroethane						200
1,2-Dichloroethane						100
1,1-Dichloroethene						400
1,2-Dichloroethene (cis)						250
1,2-Dichloroethene (trans)						300
1,2-Dichloropropane						300
1,3-Dichloropropene (cis)						300
1,3-Dichloropropene (trans)						300
Ethylbenzene						5500
2-Hexanone						N/A

**TABLE 3-1
VOLATILE ORGANIC COMPOUNDS IN SOIL/FILL SAMPLES
GALLAGHER BEACH - ANALYTICAL DATA SUMMARY**

Compound	Soil Concentration (µg/kg - ppb)					NYSDEC Recommended Soil Cleanup Objectives ¹ (µg/kg - ppb)
	Sample SS-2 Deep	Sample SS-4 Deep	Sample SS-9 Deep	Sample SS-20 Deep	Sample SS-26 Deep	
Methylene Chloride	10B	9B	8B	10B	11B	100
4-Methyl-2-Pentanone						10
Tetrachloroethene						1400
1,1,1-Trichloroethane						800
1,1,2-Trichloroethane						N/A
1,1,2,2-Tetrachloroethane						600
Styrene						N/A
Toluene						1500
Trichloroethene						700
Vinyl Chloride						200
Xylenes						1200

NOTES:

If a compound was not detected the space was left blank in the table.

N/A = Not Available

MDL = Method detection Limit

J = Estimated Value (below Laboratory Quantitation Limit)

B = Compound detected in associated blank as well as the sample.

¹ NYSDEC Technical and Administrative Guidance Memorandum HWR-94-4046, revised January 24, 1994. As per TAGM 4046; Total volatiles <10,000 ppb, total semi-volatiles <500,000 ppb, and individual semi-volatiles <50,000 ppb.

Exceeds NYSDEC recommended soil cleanup objective.

TABLE 3-2
SEMI-VOLATILE ORGANIC COMPOUNDS IN SOIL/FILL SAMPLES
GALLAGHER BEACH - ANALYTICAL DATA SUMMARY

Compound	Soil Concentration (µg/kg - ppb)												NYSDC Recommended Soil Cleanup Objectives ² (µg/kg - ppb)
	Sample SS-1	Sample SS-2	Sample SS-2 Deep	Sample SS-3	Sample SS-4	Sample SS-4 Deep	Sample SS-5	Sample SS-6	Sample SS-7	Sample SS-8	Sample SS-9	Sample SS-9 Deep	
Sample Date	9/30/04	9/30/04	9/30/04	9/30/04	9/30/04	9/30/04	9/30/04	9/30/04	9/30/04	9/30/04	9/30/04	9/30/04	2-24
Sample Depths (in)	0-2	0-2	2-24	0-2	0-2	2-24	0-2	0-2	0-2	0-2	0-2	0-2	
Phenol													30 or MDL
Bis(2-Chloroethyl) ether													N/A
2-Chlorophenol													800
1,3-Dichlorobenzene													1,600
1,4-Dichlorobenzene													8,500
1,2-Dichlorobenzene													7,900
2-Methylphenol													100 or MDL
2,2'-Oxybis (1-chloropropane)													N/A
4-Methylphenol													900
n-Nitrosodi-n-propylamine													N/A
Hexachloroethane													N/A
Nitrobenzene													200 or MDL
Isophorone													4,400
2-Nitrophenol													330 or MDL
2,4-Dimethylphenol													N/A
bis (2-Chloroethoxy) methane													N/A

TABLE 3-2
SEMI-VOLATILE ORGANIC COMPOUNDS IN SOIL/FILL SAMPLES
GALLAGHER BEACH - ANALYTICAL DATA SUMMARY

[illegible]

TABLE 3-2
SEMI-VOLATILE ORGANIC COMPOUNDS IN SOIL/FILL SAMPLES
GALLAGHER BEACH - ANALYTICAL DATA SUMMARY

Compound	Soil Concentration (µg/kg - ppb)										Sample SS-9 Deep	NYSDEC Recommended Soil Cleanup Objectives ² (µg/kg - ppb)
	Sample SS-1	Sample SS-2	Sample SS-2 Deep	Sample SS-3	Sample SS-4	Sample SS-4 Deep	Sample SS-5	Sample SS-6	Sample SS-7	Sample SS-8	Sample SS-9	
4-Nitrophenol												100 or MDL
Dibenzofuran												6,200
2,4-Dinitrotoluene												N/A
Diethylphthalate												7,100
4-Chlorophenylphenylether												N/A
Fluorene												50,000
4-Nitroaniline												N/A
2-Methyl-4,6-dinitrophenol												N/A
n-Nitrosodiphenylamine												N/A
4-Bromophenylphenylether												N/A
Hexachlorobenzene												410
Pentachlorophenol												1,000 or MDL
Phenanthrene		1,300J	5,100			580J	160J		3,200J		240J	50,000
Anthracene			940J									50,000
Carbazole												N/A
Di-n-butyl phthalate												8,100
Fluoranthene		2,400	7,700	1,000J		920J	240J		4,200	170J	390	50,000
Pyrene		2,000	6,700	850J		780J	210J		3,500	150J	330J	50,000
Butylbenzylphthalate												50,000

TABLE 3-2
SEMI-VOLATILE ORGANIC COMPOUNDS IN SOIL/FILL SAMPLES
GALLAGHER BEACH - ANALYTICAL DATA SUMMARY

Compound	Soil Concentration (µg/kg - ppb)												NYSDEC Recommended Soil Cleanup Objectives ² (µg/kg - ppb)
	Sample SS-1	Sample SS-2	Sample SS-2 Deep	Sample SS-3	Sample SS-4	Sample SS-4 Deep	Sample SS-5	Sample SS-6	Sample SS-7	Sample SS-8	Sample SS-9	Sample SS-9 Deep	
3,3'-Dichlorobenzidine													N/A
Benzo(a)Anthracene		1,200J	3,500						2,100J		210J		224 or MDL
Chrysene		1,300J	3,800						2,100J		230J		400
bis (2-Ethylhexyl) phthalate												180J	50,000
Di-n-octyl phthalate													8,100
Benzo(b) fluoranthene		950J	2,700						1,800J		220J		1,100
Benzo(k) fluoranthene			2,400										1,100
Benzo(a) pyrene		990J	3,100						1,900J		210J		61 or MDL
Indeno(1,2,3-cd) pyrene			1,800										3,200
Dibenzo(a,h) anthracene													14 or MDL
Benzo(ghi) perylene			1,900										50,000

NOTES

If a compound was not detected the space was left blank in the table.

N/A = Not Available

MDL = Method Detection Limit

J = Estimated Value (below Laboratory Quantitation Limit)

na = Not Applicable

¹ NYSDEC Technical and Administrative Guidance Memorandum HWR-94-4046, revised January 24, 1994. As per TAGM 4046; total volatiles <10,000 ppb, total semi-volatiles <500,000 ppb, and individual semi-volatiles <50,000 ppb.

☐ Exceeds NYSDEC recommended soil cleanup objective.

TABLE 3-2 (CONTINUED)
SEMI-VOLATILE ORGANIC COMPOUNDS IN SOIL/FILL SAMPLES
GALLAGHER BEACH - ANALYTICAL DATA SUMMARY

Compound	Soil Concentration (µg/kg - ppb)												NYSDEC Recommended Soil Cleanup Objectives ² (µg/kg - ppb)
	Sample SS-10	Sample SS-11	Sample SS-12	Sample SS-13	Sample SS-14	Sample SS-15	Sample SS-16	Sample SS-17	Sample SS-18	Sample SS-19	Sample SS-20	Sample SS-20 Deep	
Sample Date	9/30/04	9/30/04	9/30/04	9/30/04	9/30/04	9/30/04	9/30/04	9/30/04	9/30/04	9/30/04	9/30/04	9/30/04	
Sample Depths (in)	0-2	0-2	0-2	0-2	0-2	0-2	0-2	0-2	0-2	0-2	0-2	2-24	
Phenol												30 or MDL	
Bis(2-Chloroethyl) ether												N/A	
2-Chlorophenol												800	
1,3-Dichlorobenzene												1,600	
1,4-Dichlorobenzene												8,500	
1,2-Dichlorobenzene												7,900	
2-Methylphenol												100 or MDL	
2,2'-Oxybis (1-chloropropane)												N/A	
4-Methylphenol												900	
n-Nitrosodi-n-propylamine												N/A	
Hexachloroethane												N/A	
Nitrobenzene												200 or MDL	
Isophorone												4,400	
2-Nitrophenol												330 or MDL	
2,4-Dimethylphenol												N/A	
bis (2-Chloroethoxy) methane												N/A	
2,4-Dichlorophenol												400	
1,2,4-Trichlorobenzene												3,400	

TABLE 3-2 (CONTINUED)
SEMI-VOLATILE ORGANIC COMPOUNDS IN SOIL/FILL SAMPLES
GALLAGHER BEACH - ANALYTICAL DATA SUMMARY

Compound	Soil Concentration (µg/kg - ppb)										Sample SS-20 Deep	NYSDC Recommended Soil Cleanup Objectives ² (µg/kg - ppb)
	Sample SS-10	Sample SS-11	Sample SS-12	Sample SS-13	Sample SS-14	Sample SS-15	Sample SS-16	Sample SS-17	Sample SS-18	Sample SS-19	Sample SS-20	
Naphthalene											2,400	13,000
4-Chloroaniline												220 or MDL
Hexachlorobutadiene												N/A
4-Chloro-3-methylphenol												240 or MDL
2-Methylnaphthalene											680J	36,400
Hexachlorocyclopentadiene												N/A
2,4,6-Trichlorophenol												N/A
2,4,5-Trichlorophenol												100
2-Chloronaphthalene												N/A
2-Nitroaniline												430 or MDL
Dimethylphthalate												2,000
Acenaphthylene												41,000
2,6-Dinitrotoluene												1,000
3-Nitroaniline												500 or MDL
Acenaphthene		790J									1,700J	50,000
2,4-Dinitrophenol												200 or MDL
4-Nitrophenol												100 or MDL
Dibenzofuran		720J									1,700J	6,200
2,4-Dinitrotoluene												N/A
Diethylphthalate												7,100
4-Chlorophenylphenylether												N/A

TABLE 3-2 (CONTINUED)
SEMI-VOLATILE ORGANIC COMPOUNDS IN SOIL/FILL SAMPLES
GALLAGHER BEACH - ANALYTICAL DATA SUMMARY

Compound	Soil Concentration (µg/kg - ppb)											Sample SS-20 Deep	NYSDEC Recommended Soil Cleanup Objectives ² (µg/kg - ppb)
	Sample SS-10	Sample SS-11	Sample SS-12	Sample SS-13	Sample SS-14	Sample SS-15	Sample SS-16	Sample SS-17	Sample SS-18	Sample SS-19	Sample SS-20		
Fluorene		1,300J									2,300	50,000	
4-Nitroaniline												N/A	
2-Methyl-4,6-dinitrophenol												N/A	
n-Nitrosodiphenylamine												N/A	
4-Bromophenylphenyl ether												N/A	
Hexachlorobenzene												410	
Pentachlorophenol												1,000 or MDL	
Phenanthrene	200J	8,900	420	160J	1,900	3,600		200J		1,300J	16,000	50,000	
Anthracene		2,400									4,200	50,000	
Carbazole												N/A	
Di-n-butyl phthalate												8,100	
Fluoranthene	270J	10,000	560	250J	1,900	7,500		380		1,700	16,000	50,000	
Pyrene	250J	8,800	460	210J	1,500J	6,100		330J		1,500J	13,000	50,000	
Butylbenzylphthalate												50,000	
3,3'-Dichlorobenzidine												N/A	
Benzo(a)Anthracene		5,500	230J			2,800J		220J			6,900	224 or MDL	
Chrysene	170J	5,600	260J		960J	3,000J		240J		740J	5,900	400	
bis (2-Ethylhexyl) phthalate												50,000	
Di-n-octyl phthalate												8,100	
Benzo(b) fluoranthene		4,200	180J			2,000J		230J		950J	4,800	1,100	
Benzo(k) fluoranthene		3,800	190J			2,300J				1,200J	3,200	1,100	

TABLE 3-2 (CONTINUED)
SEMI-VOLATILE ORGANIC COMPOUNDS IN SOIL/FILL SAMPLES
GALLAGHER BEACH - ANALYTICAL DATA SUMMARY

Compound	Soil Concentration (µg/kg - ppb)											Sample SS-20 Deep	NYSDEC Recommended Soil Cleanup Objectives ² (µg/kg - ppb)
	Sample SS-10	Sample SS-11	Sample SS-12	Sample SS-13	Sample SS-14	Sample SS-15	Sample SS-16	Sample SS-17	Sample SS-18	Sample SS-19	Sample SS-20		
Benzo(a) pyrene		4,500	210J		690J	2,200J		200J				5,100	61 or MDL
Indeno(1,2,3-cd) pyrene		3,200										3,000	3,200
Dibenzo(a,b) anthracene		1,400J										1,400J	14 or MDL
Benzo(ghi) perylene		3,000										3,200	50,000

NOTES

If a compound was not detected the space was left blank in the table.

N/A = Not Available

MDL = Method Detection Limit

J = Estimated Value (below Laboratory Quantitation Limit)

na = Not Applicable

¹ NYSDEC Technical and Administrative Guidance Memorandum HWR-94-4046, revised January 24, 1994. As per TAGM 4046; total volatiles <10,000 ppb, total semi-volatiles <500,000 ppb, and individual semi-volatiles <50,000 ppb.

☐ Exceeds NYSDEC recommended soil cleanup objective.

TABLE 3-2(CONTINUED)
SEMI-VOLATILE ORGANIC COMPOUNDS IN SOIL/FILL SAMPLES
GALLAGHER BEACH - ANALYTICAL DATA SUMMARY

Compound	Soil Concentration (µg/kg - ppb)						Sample SS-26 Deep	NYSDEC Recommended Soil Cleanup Objectives ² (µg/kg - ppb)
	Sample SS-21	Sample SS-22	Sample SS-23	Sample SS-24	Sample SS-25	Sample SS-26 Deep		
Sample Date	9/30/04	9/30/04	9/30/04	9/30/04	9/30/04	9/30/04	9/30/04	
Sample Depths (in)	0-2	0-2	2-12	2-12	2-12	6-24		
Phenol								30 or MDL
Bis(2-Chloroethyl) ether								N/A
2-Chlorophenol								800
1,3-Dichlorobenzene								1,600
1,4-Dichlorobenzene								8,500
1,2-Dichlorobenzene								7,900
2-Methylphenol								100 or MDL
2,2'-Oxybis (1-chloropropane)								N/A
4-Methylphenol								900
n-Nitrosodi-n-propylamine								N/A
Hexachloroethane								N/A
Nitrobenzene								200 or MDL
Isophorone								4,400
2-Nitrophenol								330 or MDL
2,4-Dimethylphenol								N/A
bis (2-Chloroethoxy) methane								N/A
2,4-Dichlorophenol								400
1,2,4-Trichlorobenzene								3,400

TABLE 3-2(CONTINUED)
SEMI-VOLATILE ORGANIC COMPOUNDS IN SOIL/FILL SAMPLES
GALLAGHER BEACH - ANALYTICAL DATA SUMMARY

Compound	Soil Concentration (µg/kg - ppb)						Sample SS-26 Deep	NYSDEC Recommended Soil Cleanup Objectives ² (µg/kg - ppb)
	Sample SS-21	Sample SS-22	Sample SS-23	Sample SS-24	Sample SS-25	Sample SS-26 Deep		
Naphthalene								13,000
4-Chloroaniline								220 or MDL
Hexachlorobutadiene								N/A
4-Chloro-3-methylphenol								240 or MDL
2-Methylnaphthalene								36,400
Hexachlorocyclopentadiene								N/A
2,4,6-Trichlorophenol								N/A
2,4,5-Trichlorophenol								100
2-Chloronaphthalene								N/A
2-Nitroaniline								430 or MDL
Dimethylphthalate								2,000
Acenaphthylene								41,000
2,6-Dinitrotoluene								1,000
3-Nitroaniline								500 or MDL
Acenaphthene					1,800J			50,000
2,4-Dinitrophenol								200 or MDL
4-Nitrophenol								100 or MDL
Dibenzofuran					1,500J			6,200
2,4-Dinitrotoluene								N/A
Diethylphthalate								7,100
4-Chlorophenylphenylether								N/A

TABLE 3-2(CONTINUED)
SEMI-VOLATILE ORGANIC COMPOUNDS IN SOIL/FILL SAMPLES
GALLAGHER BEACH - ANALYTICAL DATA SUMMARY

Compound	Soil Concentration ($\mu\text{g/kg}$ - ppb)						Sample SS-26 Deep	NYSDEC Recommended Soil Cleanup Objectives ² ($\mu\text{g/kg}$ - ppb)
	Sample SS-21	Sample SS-22	Sample SS-23	Sample SS-24	Sample SS-25	Sample SS-26 Deep		
Fluorene					3,000			50,000
4-Nitroaniline								N/A
2-Methyl-4,6-dinitrophenol								N/A
n-Nitrosodiphenylamine								N/A
4-Bromophenylphenyl ether								N/A
Hexachlorobenzene								410
Pentachlorophenol								1,000 or MDL
Phenanthrene			910J	1,900J	21,000	3,000J		50,000
Anthracene					6,600			50,000
Carbazole								N/A
Di-n-butyl phthalate								8,100
Fluoranthene			1,100J	2,000J	24,000	5,200		50,000
Pyrene			870J	1,400J	15,000	3,300J		50,000
Butylbenzylphthalate								50,000
3,3'-Dichlorobenzidine								N/A
Benzo(a)Anthracene					9,700	2,900J		224 or MDL
Chrysene					8,900	3,000J		400
bis (2-Ethylhexyl) phthalate								50,000
Di-n-octyl phthalate								8,100
Benzo(h) fluoranthene					6,300	3,200J		1,100
Benzo(k) fluoranthene					7,000	2,200J		1,100

TABLE 3-2(CONTINUED)
SEMI-VOLATILE ORGANIC COMPOUNDS IN SOIL/FILL SAMPLES
GALLAGHER BEACH - ANALYTICAL DATA SUMMARY

Compound	Soil Concentration (µg/kg - ppb)						Sample SS-26 Deep	NYSDEC Recommended Soil Cleanup Objectives* (µg/kg - ppb)
	Sample SS-21	Sample SS-22	Sample SS-23	Sample SS-24	Sample SS-25			
Benzo(a) pyrene					7,300		2,500J	61 or MDL
Indeno(1,2,3-cd) pyrene					2,200J			3,200
Dibenzo(a,h) anthracene								14 or MDL
Benzo(ghi) perylene								50,000

NOTES

If a compound was not detected the space was left blank in the table.

N/A = Not Available

MDL = Method Detection Limit

J = Estimated Value (below Laboratory Quantitation Limit)

na = Not Applicable

* NYSDEC Technical and Administrative Guidance Memorandum HWR-94-4046, revised January 24, 1994. As per TAGM 4046; total volatiles <10,000 ppb, total semi-volatiles <500,000 ppb, and individual semi-volatiles <50,000 ppb.

☐ Exceeds NYSDEC recommended soil cleanup objective.

TABLE 3-3
PESTICIDE COMPOUNDS IN SOIL/FILL SAMPLES
GALLAGHER BEACH - ANALYTICAL DATA SUMMARY

Compound	Soil Concentration (µg/kg - dry (ppb))						NYSDEC Recommended Soil Cleanup Objectives ¹ (µg/kg - ppb)
	Sample SS-1	Sample SS-2	Sample SS-2 Deep	Sample SS-3	Sample SS-4	Sample SS-4 Deep	
Sample Date	9/30/04	9/30/04	9/30/04	9/30/04	9/30/04	9/30/04	
Sample Depths (in)	0-2	0-2	2-24	0-2	0-2	2-24	
Pesticides							
4,4 - DDT	8.6	14		12	1.7	5.8J	2100
4,4 - DDD	2.3	18					2900
4,4 - DDE	4.1	22		4.3	2.6		2100
Aldrin							41
Dieldrin	1.0 J	7.0	10J	4.7	0.75J		44
alpha-BHC		0.60J					110
beta-BHC		1.4J		1.0J			200
delta-BHC		2.6					300
Endrin							100
Endrin aldehyde	3.1	4.8		2.3			N/A
Endrin ketone							N/A
Endosulfan Sulfate							1000
Endosulfan I							900
Endosulfan II				4.4			900
Heptachlor							100
Heptachlor epoxide				1.0J			20
Methoxychlor				11J			N/A

NOTES:

If a compound was not detected the space was left blank in the table.

N/A = Not Available

MDL = Method Detection Limit

J = Estimated Value (below Laboratory Quantitation Limit)

na = Not Applicable

¹ NYSDEC Technical and Administrative Guidance Memorandum HWR-94-4046, revised April, 1995. As per TAGM 4046; total pesticides <10,000 ppb.

 Exceeds NYSDEC recommended soil cleanup objective.

**TABLE 3-3
PESTICIDE COMPOUNDS IN SOIL/FILL SAMPLES
GALLAGHER BEACH - ANALYTICAL DATA SUMMARY**

Compound	Soil Concentration (µg/kg - dry (ppb))						NYSDEC Recommended Soil Cleanup Objectives ² (µg/kg - ppb)
	Sample SS-5	Sample SS-6	Sample SS-7	Sample SS-8	Sample SS-9	Sample SS-9 Deep	
Sample Date	9/30/04	9/30/04	9/30/04	9/30/04	9/30/04	9/30/04	
Sample Depths (in)	0-2	0-2	0-2	0-2	0-2	2-24	
Pesticides							
4,4 - DDT	2.2	0.84		5.7	3.1	3.6	2100
4,4 - DDD	1.1J			2.5	5.8	1.0J	2900
4,4 - DDE	0.61J	1.1J		7.2	0.60J	0.43J	2100
Aldrin							41
Dieldrin	2.4				0.89J	0.82J	44
alpha-BHC						0.63J	110
beta-BHC						0.70J	200
delta-BHC	0.43J						300
Endrin							100
Endrin aldehyde	1.0J	1.3J			2.3		N/A
Endrin ketone	0.83J		8.2J		1.0J	1.4J	N/A
Endosulfan Sulfate							1000
Endosulfan I							900
Endosulfan II					1.5J		900
Heptachlor							100
Heptachlor epoxide				0.34J			20
Methoxychlor							N/A

NOTES:

If a compound was not detected the space was left blank in the table.

N/A = Not Available

MDL = Method Detection Limit

J = Estimated Value (below Laboratory Quantitation Limit)

na = Not Applicable

¹ NYSDEC Technical and Administrative Guidance Memorandum HWR-94-4046, revised April, 1995. As per TAGM 4046; total pesticides <10,000 ppb.

☐ Exceeds NYSDEC recommended soil cleanup objective.

**TABLE 3-3
PESTICIDE COMPOUNDS IN SOIL/FILL SAMPLES
GALLAGHER BEACH - ANALYTICAL DATA SUMMARY**

Compound	Soil Concentration (µg/kg - dry (ppb))						NYSDEC Recommended Soil Cleanup Objectives ¹ (µg/kg - ppb)
	Sample SS-10	Sample SS-11	Sample SS-12	Sample SS-13	Sample SS-14	Sample SS-15	
Sample Date	9/30/04	9/30/04	9/30/04	9/30/04	9/30/04	9/30/04	
Sample Depths (in)	0-2	0-2	0-2	0-2	0-2	0-2	
Pesticides							
4,4 - DDT	0.64J	41	5.1	2.4		19	2100
4,4 - DDD			5.8	1.0J			2900
4,4 - DDE	1.5J		4.6	0.65J			2100
Aldrin							41
Dieldrin	1.2J	9.9J	1.0J	0.88J			44
alpha-BHC							110
beta-BHC				1.5J			200
delta-BHC							300
Endrin						4.4J	100
Endrin aldehyde		42		2.9			N/A
Endrin ketone		60		2.0		13J	N/A
Endosulfan Sulfate							1000
Endosulfan I							900
Endosulfan II							900
Heptachlor							100
Heptachlor epoxide							20
Methoxychlor		22					N/A

NOTES:

If a compound was not detected the space was left blank in the table.

N/A = Not Available

MDL = Method Detection Limit

J = Estimated Value (below Laboratory Quantitation Limit)

na = Not Applicable

¹ NYSDEC Technical and Administrative Guidance Memorandum HWR-94-4046, revised April, 1995. As per TAGM 4046; total pesticides <10,000 ppb.

☐ Exceeds NYSDEC recommended soil cleanup objective.

TABLE 3-3
PESTICIDE COMPOUNDS IN SOIL/FILL SAMPLES
GALLAGHER BEACH - ANALYTICAL DATA SUMMARY

Compound	Soil Concentration (µg/kg - dry (ppb))						NYSDEC Recommended Soil Cleanup Objectives ¹ (µg/kg - ppb)
	Sample SS-16	Sample SS-17	Sample SS-18	Sample SS-19	Sample SS-20	Sample SS-20 Deep	
Sample Date	9/30/04	9/30/04	9/30/04	9/30/04	9/30/04	9/30/04	
Sample Depths (in)	0-2	0-2	0-2	0-2	0-2	2-24	
Pesticides							
4,4 - DDT	5.2	3.2	3.7	3.1	14	11	2100
4,4 - DDD	1.8J	0.61J	0.90J	0.63J	3.4	2.0	2900
4,4 - DDE	0.84J	1.3J	0.90J	0.63J			2100
Aldrin							41
Dieldrin	1.7J	0.68J	1.8	1.9	9.4	8.1	44
alpha-BHC						0.67J	110
beta-BHC	0.46J		0.49J	0.46J	0.59J	0.74J	200
delta-BHC				0.49J		0.78J	300
Endrin							100
Endrin aldehyde	1.4J	1.0J	1.9	1.6J	2.3	3.1	N/A
Endrin ketone	2.2	1.2J	1.9	1.8	3.4	1.2J	N/A
Endosulfan Sulfate							1000
Endosulfan I					1.2J	0.71J	900
Endosulfan II					1.6J		900
Heptachlor						8.9	100
Heptachlor epoxide							20
Methoxychlor							N/A

NOTES:

If a compound was not detected the space was left blank in the table.

N/A = Not Available

MDL = Method Detection Limit

J = Estimated Value (below Laboratory Quantitation Limit)

na = Not Applicable

¹ NYSDEC Technical and Administrative Guidance Memorandum HWR-94-4046, revised April, 1995. As per TAGM 4046; total pesticides <10,000 ppm

 Exceeds NYSDEC recommended soil cleanup objective.

**TABLE 3-3
PESTICIDE COMPOUNDS IN SOIL/FILL SAMPLES
GALLAGHER BEACH - ANALYTICAL DATA SUMMARY**

Compound	Soil Concentration (µg/kg - dry (ppb))						NYSDEC Recommended Soil Cleanup Objectives ¹ (µg/kg - ppb)
	Sample SS-21	Sample SS-22	Sample SS-23	Sample SS-24	Sample SS-25	Sample SS-26 Deep	
Sample Date	9/30/04	9/30/04	9/30/04	9/30/04	9/30/04	9/30/04	
Sample Depths (in)	0-2	0-2	2-12	2-12	2-12	6-24	
Pesticides							
4,4 - DDT	1.9	0.80J		22	4.5J	6.4J	2100
4,4 - DDD	0.69J						2900
4,4 - DDE	1.1J	0.93J					2100
Aldrin							41
Dieldrin		0.59J					44
alpha-BHC							110
beta-BHC							200
delta-BHC							300
Endrin							100
Endrin aldehyde	1.0J	0.86J					N/A
Endrin ketone							N/A
Endosulfan Sulfate							1000
Endosulfan I							900
Endosulfan II							900
Heptachlor							100
Heptachlor epoxide							20
Methoxychlor						17J	N/A

NOTES:

If a compound was not detected the space was left blank in the table.

N/A = Not Available

MDL = Method Detection Limit

J = Estimated Value (below Laboratory Quantitation Limit)

na = Not Applicable

¹ NYSDEC Technical and Administrative Guidance Memorandum HWR-94-4046, revised April, 1995. As per TAGM 4046; total pesticides <10,000 ppb.

Exceeds NYSDEC recommended soil cleanup objective.

**TABLE 3-4
PCB COMPOUNDS IN SOIL/FILL SAMPLES
GALLAGHER BEACH - ANALYTICAL DATA SUMMARY**

Compound	Soil Concentration (µg/kg - dry (ppb))						NYSDEC Recommended Soil Cleanup Objectives ¹ (µg/kg - ppb)
	Sample SS-1	Sample SS-2	Sample SS-2 Deep	Sample SS-3	Sample SS-4	Sample SS-4 Deep	
Sample Date	9/30/04	9/30/04	9/30/04	9/30/04	9/30/04	9/30/04	
Sample Depths (in)	0-2	0-2	2-24	0-2	0-2	2-24	
PCBs							
Aroclor 1260							1000 (surface) 10,000 (subsurface)
Aroclor 1254	36	66	160	47		11J	1000 (surface) 10,000 (subsurface)
Aroclor 1221							1000 (surface) 10,000 (subsurface)
Aroclor 1232							1000 (surface) 10,000 (subsurface)
Aroclor 1248	24	34	140	83		6.4J	1000 (surface) 10,000 (subsurface)
Aroclor 1016							1000 (surface) 10,000 (subsurface)
Aroclor 1242							1000 (surface) 10,000 (subsurface)

NOTES:

If a compound was not detected the space was left blank in the table.

N/A = Not Available

MDL = Method Detection Limit

J = Estimated Value (below Laboratory Quantitation Limit)

na = Not Applicable

¹ NYSDEC Technical and Administrative Guidance Memorandum HWR-94-4046, revised April, 1995. As per TAGM 4046.

Exceeds NYSDEC recommended soil cleanup objective.

TABLE 3-4
PCB COMPOUNDS IN SOIL/FILL SAMPLES
GALLAGHER BEACH - ANALYTICAL DATA SUMMARY

Compound	Soil Concentration (µg/kg - dry (ppb))						NYSDEC Recommended Soil Cleanup Objectives ¹ (µg/kg - ppb)
	Sample SS-5	Sample SS-6	Sample SS-7	Sample SS-8	Sample SS-9	Sample SS-9 Deep	
Sample Date	9/30/04	9/30/04	9/30/04	9/30/04	9/30/04	9/30/04	
Sample Depths (in)	0-2	0-2	0-2	0-2	0-2	2-24	
PCBs							
Aroclor 1260	10J					27	1000 (surface) 10,000 (subsurface)
Aroclor 1254	9.4J		22			22	1000 (surface) 10,000 (subsurface)
Aroclor 1221							1000 (surface) 10,000 (subsurface)
Aroclor 1232							1000 (surface) 10,000 (subsurface)
Aroclor 1248						9.2J	1000 (surface) 10,000 (subsurface)
Aroclor 1016							1000 (surface) 10,000 (subsurface)
Aroclor 1242							1000 (surface) 10,000 (subsurface)

NOTES:

If a compound was not detected the space was left blank in the table.

N/A = Not Available

MDL = Method Detection Limit

J = Estimated Value (below Laboratory Quantitation Limit)

na = Not Applicable

¹ NYSDEC Technical and Administrative Guidance Memorandum HWR-94-4046, revised April, 1995. As per TAGM 4046.

Exceeds NYSDEC recommended soil cleanup objective.

TABLE 3-4
PCB COMPOUNDS IN SOIL/FILL SAMPLES
GALLAGHER BEACH - ANALYTICAL DATA SUMMARY

Compound	Soil Concentration (µg/kg - dry (ppb))						NYSDEC Recommended Soil Cleanup Objectives ¹ (µg/kg - ppb)
	Sample SS-10	Sample SS-11	Sample SS-12	Sample SS-13	Sample SS-14	Sample SS-15	
Sample Date	9/30/04	9/30/04	9/30/04	9/30/04	9/30/04	9/30/04	
Sample Depths (in)	0-2	0-2	0-2	0-2	0-2	0-2	
PCBs							
Aroclor 1260	9.4J	74	53			49	1000 (surface) 10,000 (subsurface)
Aroclor 1254	14J	96	26		36	48	1000 (surface) 10,000 (subsurface)
Aroclor 1221							1000 (surface) 10,000 (subsurface)
Aroclor 1232							1000 (surface) 10,000 (subsurface)
Aroclor 1248	20	40	12J	11J		31	1000 (surface) 10,000 (subsurface)
Aroclor 1016							1000 (surface) 10,000 (subsurface)
Aroclor 1242							1000 (surface) 10,000 (subsurface)

NOTES:

If a compound was not detected the space was left blank in the table.

N/A = Not Available

MDL = Method Detection Limit

J = Estimated Value (below Laboratory Quantitation Limit)

na = Not Applicable

¹ NYSDEC Technical and Administrative Guidance Memorandum HWR-94-4046, revised April, 1995. As per TAGM 4046.

Exceeds NYSDEC recommended soil cleanup objective.

TABLE 3-4
PCB COMPOUNDS IN SOIL/FILL SAMPLES
GALLAGHER BEACH - ANALYTICAL DATA SUMMARY

Compound	Soil Concentration (µg/kg - dry (ppb))						NYSDEC Recommended Soil Cleanup Objectives ¹ (µg/kg - ppb)
	Sample SS-16	Sample SS-17	Sample SS-18	Sample SS-19	Sample SS-20	Sample SS-20 Deep	
Sample Date	9/30/04	9/30/04	9/30/04	9/30/04	9/30/04	9/30/04	
Sample Depths (in)	0-2	0-2	0-2	0-2	0-2	2-24	
PCBs							
Aroclor 1260	32	13J	33	27	91		1000 (surface) 10,000 (subsurface)
Aroclor 1254	38	9.5J	32	26	110	180	1000 (surface) 10,000 (subsurface)
Aroclor 1221							1000 (surface) 10,000 (subsurface)
Aroclor 1232							1000 (surface) 10,000 (subsurface)
Aroclor 1248	19	11J	9.6J	8.7J	45	97	1000 (surface) 10,000 (subsurface)
Aroclor 1016							1000 (surface) 10,000 (subsurface)
Aroclor 1242							1000 (surface) 10,000 (subsurface)

NOTES:

If a compound was not detected the space was left blank in the table.

N/A = Not Available

MDL = Method Detection Limit

J = Estimated Value (below Laboratory Quantitation Limit)

na = Not Applicable

¹ NYSDEC Technical and Administrative Guidance Memorandum HWR-94-4046, revised April, 1995. As per TAGM 4046.

 Exceeds NYSDEC recommended soil cleanup objective.

TABLE 3-4
PCB COMPOUNDS IN SOIL/FILL SAMPLES
GALLAGHER BEACH - ANALYTICAL DATA SUMMARY

Compound	Soil Concentration (µg/kg - dry (ppb))						NYSDEC Recommended Soil Cleanup Objectives ¹ (µg/kg - ppb)
	Sample SS-21	Sample SS-22	Sample SS-23	Sample SS-24	Sample SS-25	Sample SS-26 Deep	
Sample Date	9/30/04	9/30/04	9/30/04	9/30/04	9/30/04	9/30/04	
Sample Depths (in)	0-2	0-2	2-12	2-12	2-12	6-24	
PCBs							
Aroclor 1260						20	1000 (surface) 10,000 (subsurface)
Aroclor 1254					20		1000 (surface) 10,000 (subsurface)
Aroclor 1221							1000 (surface) 10,000 (subsurface)
Aroclor 1232							1000 (surface) 10,000 (subsurface)
Aroclor 1248			5.5J				1000 (surface) 10,000 (subsurface)
Aroclor 1016							1000 (surface) 10,000 (subsurface)
Aroclor 1242							1000 (surface) 10,000 (subsurface)

NOTES:

If a compound was not detected the space was left blank in the table.

N/A = Not Available

MDL = Method Detection Limit

J = Estimated Value (below Laboratory Quantitation Limit)

na = Not Applicable

¹ NYSDEC Technical and Administrative Guidance Memorandum HWR-94-4046, revised April, 1995. As per TAGM 4046.

Exceeds NYSDEC recommended soil cleanup objective.

**TABLE 3-5
TARGET ANALYTE LIST INORGANICS (METALS) IN SOIL/FILL SAMPLES
GALLAGHER BEACH - ANALYTICAL DATA SUMMARY**

Parameter	Soil Concentration (mg/kg - dry [ppm])						NYSDEC Guidance Values (ppm)	
	Sample SS-1	Sample SS-2	Sample SS-2 Deep	Sample SS-3	Sample SS-4	Sample SS-4 Deep	Eastern USA/NYS Background ¹	Recommended Soil Cleanup Objectives ¹ (mg/kg - ppm)
Sample Date	9/30/04	9/30/04	9/30/04	9/30/04	9/30/04	9/30/04		
Sample Depths	0-2	0-2	2-24	0-2	0-2	2-24		
Aluminum	16,000	9,140	5,200	11,000	12,800	14,300	33,000	SB
Antimony							N/A	SB
Arsenic	5.9	9.2	10.2	6.0	9.2	7.7	3-12	7.5 or SB
Barium	75.5	54.9	49.2	86.5	73.0	122	15-600	300 or SB
Beryllium	0.85	0.50	0.32	0.76	0.84	1.6	0-1.75	0.16 or SB
Cadmium	0.55	0.53	0.83	0.59	0.37	0.35	0.1-1	1 or SB
Calcium	10,200	17,900	32,000	38,500	11,700	61,800	130-35,000	SB
Chromium	22.1	22.5	39.6	21.5	15.6	18.8	1.5-40	10
Cobalt	10	7.3	5.3	6.9	9.1	6.4	2.5-60	30 or SB
Copper	20.7	32.8	44.0	32.6	32.2	19.3	1-50	25 or SB
Cyanide (total)							N/A	SB
Iron	26,800	22,200	18,000	21,800	22,200	17,500	2000-550,000	2000 or SB
Lead	28.6	58.2	79.9	83.0	28.4	31.9	200-500 ²	SB
Magnesium	4,960	6,960	14,200	10,900	4,140	13,800	100-5000	SB
Manganese	526	356	332	581	464	660	50-5000	SB
Mercury	0.076	0.24	0.55	0.35	0.051	0.070	0.001-0.2	0.1
Nickel	28.0	20.2	17.4	18.1	29.9	16.3	0.5-25	13 or SB
Potassium	2,190	1,310	1,080	1,920	1,370	2,050	8500-43000	SB
Selenium							0.1-3.9	2 or SB
Silver							N/A	SB
Sodium				190		351	6000-8000	SB
Thallium							N/A	SB
Vanadium	27.3	15.9	11.9	22.0	24.7	20.7	1-300	150 or SB
Zinc	104	146	146	134	71.5	73.8	9-50	20 or SB

NOTES

N/A = Not Available

SB = Site Background

na = Not Applicable

¹ NYSDEC Technical and Administrative Guidance Memorandum HDW-94-4046, Revised April, 1995.

² Background levels for lead vary widely. Average levels in undeveloped, rural areas may range from 4-61 ppm. Average background levels in metropolitan or suburban areas or near highways are much higher and typically range from 200-500 ppm. Source is NYSDEC TAGM HWR 94-4046.

Exceeds NYSDEC recommended soil cleanup objective.

**TABLE 3-5
TARGET ANALYTE LIST INORGANICS (METALS) IN SOIL/FILL SAMPLES
GALLAGHER BEACH - ANALYTICAL DATA SUMMARY**

Parameter	Soil Concentration (mg/kg - dry [ppm])						NYSDEC Guidance Values (ppm)	
	Sample SS-5	Sample SS-6	Sample SS-7	Sample SS-8	Sample SS-9	Sample SS-9 Deep	Eastern USA/NYS Background ¹	Recommended Soil Cleanup Objectives ¹ (mg/kg - ppm)
Sample Date	9/30/04	9/30/04	9/30/04	9/30/04	9/30/04	9/30/04		
Sample Depths (in)	0-2	0-2	0-2	0-2	0-2	2-24		
Aluminum	15,600	17,400	10,500	13,900	15,800	18,800	33,000	SB
Antimony							N/A	SB
Arsenic	5.6	5.8	4.5	8.3	5.3	5.8	3-12	7.5 or SB
Barium	72.8	80.9	97.5	76.9	74.2	125	15-600	300 or SB
Beryllium	0.80	0.86	0.93	0.69	0.90	2.2	0-1.75	0.16 or SB
Cadmium	0.47	0.51	0.36	0.44	0.44	0.47	0.1-1	1 or SB
Calcium	6,770	5,570	65,300	5,540	9,550	69,400	130-35,000	SB
Chromium	20.4	24.2	13.8	15.9	20.3	15.9	1.5-40	10
Cobalt	9.8	14.1	5.0	9.1	10.2	7.9	2.5-60	30 or SB
Copper	16.6	16.2	19.6	30.7	16.9	22.4	1-50	25 or SB
Cyanide (total)							N/A	SB
Iron	24,400	30,200	13,300	23,400	25,000	20,600	2000-550,000	2000 or SB
Lead	26.7	18.0	72.9	30.6	25.7	28.1	200-500 ²	SB
Magnesium	3,800	4,040	21,800	2,890	4,570	17,600	100-5000	SB
Manganese	577	1,160	605	414	570	988	50-5000	SB
Mercury	0.048	0.044	0.13	0.064	0.068	0.067	0.001-0.2	0.1
Nickel	25.9	32.2	13.0	25.1	26.8	19.7	0.5-25	13 or SB
Potassium	1,990	2,240	1,670	1,340	1,940	1,930	8500-43000	SB
Selenium							0.1-3.9	2 or SB
Silver							N/A	SB
Sodium			274			283	6000-8000	SB
Thallium							N/A	SB
Vanadium	26.9	30.3	17.4	27.9	26.3	20.9	1-300	150 or SB
Zinc	98.4	102	82.0	80.3	96.4	86.6	9-50	20 or SB

NOTES

N/A = Not Available
SB = Site Background
na = Not Applicable

¹ NYSDEC Technical and Administrative Guidance Memorandum HDW-94-4046, Revised April, 1995.

² Background levels for lead vary widely. Average levels in undeveloped, rural areas may range from 4-61 ppm. Average background levels in metropolitan or suburban areas or near highways are much higher and typically range from 200-500 ppm. Source is NYSDEC TAGM HWR 94-4046.

 Exceeds NYSDEC recommended soil cleanup objective.

**TABLE 3-5
TARGET ANALYTE LIST INORGANICS (METALS) IN SOIL/FILL SAMPLES
GALLAGHER BEACH - ANALYTICAL DATA SUMMARY**

Parameter	Soil Concentration (mg/kg - dry [ppm])						NYSDEC Guidance Values (ppm)	
	Sample SS-10	Sample SS-11	Sample SS-12	Sample SS-13	Sample SS-14	Sample SS-15	Eastern USA/NYS Background ¹	Recommended Soil Cleanup Objectives ¹ (mg/kg - ppm)
Sample Date	9/30/04	9/30/04	9/30/04	9/30/04	9/30/04	9/30/04		
Sample Depths (in)	0-2	0-2	0-2	0-2	0-2	0-2		
Aluminum	17,900	7,920	12,800	16,100	14,500	15,700	33,000	SB
Antimony							N/A	SB
Arsenic	6.3	8.7	9.8	6.6	5.8	6.3	3-12	7.5 or SB
Barium	79.3	73.8	64.8	80.8	75.7	147	15-600	300 or SB
Beryllium	1.0	0.68	0.69	0.87	0.87	2.0	0-1.75	0.16 or SB
Cadmium	0.52	0.63	0.44	0.56	0.55	0.47	0.1-1	1 or SB
Calcium	11,900	120,000	8,160	8,780	19,600	91,100	130-35,000	SB
Chromium	24.0	27.7	17.2	21.4	23.3	18.2	1.5-40	10
Cobalt	13.6	5.2	8.8	23.0	8.8	4.4	2.5-60	30 or SB
Copper	18.5	34.8	34.9	17.8	25.6	21.9	1-50	25 or SB
Cyanide (total)							N/A	SB
Iron	29,100	18,500	23,500	29,100	22,700	12,900	2000-550,000	2000 or SB
Lead	21.7	114	38.5	27.8	42.6	63.9	200-500 ²	SB
Magnesium	4,970	15,000	3,520	4,790	6,700	29,400	100-5000	SB
Manganese	698	486	408	1,090	498	732	50-5000	SB
Mercury	0.061	0.23	0.082	0.054	0.055	0.26	0.001-0.2	0.1
Nickel	31.3	14.6	24.4	29.6	23.9	11.1	0.5-25	13 or SB
Potassium	2,310	1,500	1,510	2,000	2,090	1,750	8500-43000	SB
Selenium							0.1-3.9	2 or SB
Silver							N/A	SB
Sodium	210	237				808	6000-8000	SB
Thallium							N/A	SB
Vanadium	29.0	16.2	26.0	28.5	24.8	15.4	1-300	150 or SB
Zinc	104	114	84.7	101	108	78.2	9-50	20 or SB

NOTES

N/A = Not Available
 SB = Site Background
 na = Not Applicable

¹ NYSDEC Technical and Administrative Guidance Memorandum HDW-94-4046, Revised April, 1995.

² Background levels for lead vary widely. Average levels in undeveloped, rural areas may range from 4-61 ppm. Average background levels in metropolitan or suburban areas or near highways are much higher and typically range from 200-500 ppm. Source is NYSDEC TAGM HWR 94-4046.

 Exceeds NYSDEC recommended soil cleanup objective.

**TABLE 3-5
TARGET ANALYTE LIST INORGANICS (METALS) IN SOIL/FILL SAMPLES
GALLAGHER BEACH - ANALYTICAL DATA SUMMARY**

Parameter	Soil Concentration (mg/kg - dry [ppm])						NYSDEC Guidance Values (ppm)	
	Sample SS-16	Sample SS-17	Sample SS-18	Sample SS-19	Sample SS-20	Sample SS-20 Deep	Eastern USA/NYS Background ¹	Recommended Soil Cleanup Objectives ¹ (mg/kg - ppm)
Sample Date	9/30/04	9/30/04	9/30/04	9/30/04	9/30/04	9/30/04		
Sample Depths (in)	0-2	0-2	0-2	0-2	0-2	2-24		
Aluminum	16,000	16,400	15,500	16,500	10,500	7,160	33,000	SB
Antimony							N/A	SB
Arsenic	6.2	6.3	5.3	6.0	10.9	14.2	3-12	7.5 or SB
Barium	82.9	122	75.2	99.6	67.7	62.5	15-600	300 or SB
Beryllium	0.88	1.1	0.82	0.98	0.57	0.42	0-1.75	0.16 or SB
Cadmium	0.68	0.48	0.48	0.39	0.81	1.1	0.1-1	1 or SB
Calcium	16,600	22,300	16,900	27,300	8,640	12,000	130-35,000	SB
Chromium	23.4	23.6	21.5	21.3	39.7	56.6	1.5-40	10
Cobalt	10.4	10.2	11.3	9.3	7.9	7.2	2.5-60	30 or SB
Copper	32.5	21.7	24.7	23.4	50.5	58.4	1-50	25 or SB
Cyanide (total)							N/A	SB
Iron	25,900	25,200	27,200	24,300	24,000	24,000	2000-550,000	2000 or SB
Lead	53.7	28.0	31.3	35.6	73.2	193	200-500 ²	SB
Magnesium	5,400	6,670	7,400	11,800	4,020	3,860	100-5000	SB
Manganese	619	710	589	676	417	372	50-5000	SB
Mercury	0.20	0.099	0.084	0.077	0.46	0.59	0.001-0.2	0.1
Nickel	28.6	27.5	28.5	24.0	22.6	20.7	0.5-25	13 or SB
Potassium	2,240	2,030	2,150	2,520	1,650	1,390	8500-43000	SB
Selenium							0.1-3.9	2 or SB
Silver							N/A	SB
Sodium		257					6000-8000	SB
Thallium							N/A	SB
Vanadium	26.8	24.5	26.5	28.7	20.4	16.0	1-300	150 or SB
Zinc	133	85.6	116	104	171	194	9-50	20 or SB

NOTES

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na = Not Applicable

¹ NYSDEC Technical and Administrative Guidance Memorandum HDW-94-4046, Revised April, 1995.

² Background levels for lead vary widely. Average levels in undeveloped, rural areas may range from 4-61 ppm. Average background levels in metropolitan or suburban areas or near highways are much higher and typically range from 200-500 ppm. Source is NYSDEC TAGM HWR 94-4046.

 Exceeds NYSDEC recommended soil cleanup objective.

**TABLE 3-5
TARGET ANALYTE LIST INORGANICS (METALS) IN SOIL/FILL SAMPLES
GALLAGHER BEACH - ANALYTICAL DATA SUMMARY**

Parameter	Soil Concentration (mg/kg - dry [ppm])						NYSDEC Guidance Values (ppm)	
	Sample SS-21	Sample SS-22	Sample SS-23	Sample SS-24	Sample SS-25	Sample SS-26 Deep	Eastern USA/NYS Background ¹	Recommended Soil Cleanup Objectives ¹ (mg/kg - ppm)
Sample Date	9/30/04	9/30/04	9/30/04	9/30/04	9/30/04	9/30/04		
Sample Depths (in)	0-2	0-2	2-12	2-12	2-12	6-24		
Aluminum	17,200	11,400	9,060	4,800	3,090	10,000	33,000	SB
Antimony							N/A	SB
Arsenic	7.0	9.6	7.4	3.9	56.1	14.8	3-12	7.5 or SB
Barium	78.2	63.2	62.5	43.8	58.6	96.7	15-600	300 or SB
Beryllium	0.92	0.46	0.65	0.37	0.48	1.6	0-1.75	0.16 or SB
Cadmium	0.55	0.30	0.19		7.8	0.28	0.1-1	1 or SB
Calcium	7,240	1,800	106,000	137,000	40,700	112,000	130-35,000	SB
Chromium	24.1	10.4	89.0	7.2	314	11.7	1.5-40	10
Cobalt	12.9	8.2	4.3	3.3	29.6	3.6	2.5-60	30 or SB
Copper	22.8	28.5	21.4	12.9	842	20.6	1-50	25 or SB
Cyanide (total)							N/A	SB
Iron	30,200	22,900	34,500	11,200	496,000	12,800	2000-550,000	2000 or SB
Lead	20.8	19.3	23.8	12.0	97.8	54.9	200-500 ²	SB
Magnesium	4,400	2,730	4,580	5,140	4,360	16,800	100-5000	SB
Manganese	621	1,080	7,550	1,040	4,090	713	50-5000	SB
Mercury	0.040	0.030			0.026	0.034	0.001-0.2	0.1
Nickel	34.4	18.8	7.2	9.4	416	9.5	0.5-25	13 or SB
Potassium	2,260	870	1,040	687	287	1,270	8500-43000	SB
Selenium							0.1-3.9	2 or SB
Silver			0.42		0.71		N/A	SB
Sodium			397			269	6000-8000	SB
Thallium							N/A	SB
Vanadium	28.8	17.7	87.0	9.4	47.2	13.3	1-300	150 or SB
Zinc	102	102	70.3	58.8	83.4	86.0	9-50	20 or SB

NOTES

N/A = Not Available
SB = Site Background
na = Not Applicable

¹ NYSDEC Technical and Administrative Guidance Memorandum HDW-94-4046, Revised April, 1995.

² Background levels for lead vary widely. Average levels in undeveloped, rural areas may range from 4-61 ppm. Average background levels in metropolitan or suburban areas or near highways are much higher and typically range from 200-500 ppm. Source is NYSDEC TAGM HWR 94-4046.

 Exceeds NYSDEC recommended soil cleanup objective.

4.0 ASSESSMENT OF ENVIRONMENTAL SITE CONDITIONS

Contaminants were detected in the soil samples collected for laboratory analysis. Compounds detected above NYSDEC recommended cleanup objectives include several semi-volatile organics (PAHs) at low concentrations and a variety of inorganics found in many of the samples. All other compounds (e.g., pesticides, PCBs and volatile organics) were detected at concentrations below NYSDEC recommended soil cleanup objectives.

As described in the last report, PAHs are often the result of any hydrocarbon combustion process and are commonly found at many industrial and commercial locations with a long history of occupation. PAHs are a group of chemicals that are formed during the incomplete burning of coal, oil and gas, garbage, or other organic substances and the emissions that result from these sources. They can also be found in substances such as crude oil, coal, coal tar pitch, creosote, and road and roofing tar. Typical routes of exposure to PAHs include inhalation of vapors, ingestion of particulates, or from skin contact.

The various inorganics (metals) detected in the samples are fairly typical in our area and quite representative of mixed soil/fill conditions. These compounds are likely attributed to the fill which includes slag and cinder. These byproducts are formed when iron is alloyed with carbon to produce steel as part of the steel making process. The addition of other elements (e.g., aluminum, manganese, chromium, copper, cobalt, and nickel) impart special characteristics to the steel. This may explain the elevated concentrations of several of these compounds found in analyzed soil/fill samples. The typical routes of exposure for these compounds include inhalation, ingestion, and dermal contact. The presence of slag could also account for the elevated PAH concentrations.

5.0 RECOMMENDATIONS

The inorganic and PAH contamination found at this site are commonly associated with soil intermixed with fill from former manufacturing sites that have had a long history of industrial use (i.e., brownfield sites). The NYSDEC and NYSDOH should be consulted to determine if the contaminant concentrations detected at this site are a potential concern for the intended use of the property as a park.

Areas intended for active recreational use such as a playground area should probably have a layer of clean soil brought in from off-site to prevent exposure to the underlying fill materials. The NYSDEC and New York State Department of Health (NYSDOH) should be consulted with regards to the thickness of any soil barrier. Most recommendations call for a two-foot layer as the desirable thickness. Other active areas such as the proposed splashground should prevent exposure by design, since the concrete slab would effectively function as a cap or barrier to the underlying fill materials.

Across the rest of the site, the current proposal calls for passive recreational use, primarily walking trails and benches. Passive recreational users are unlikely to have any exposure to the identified compounds at concentrations that would pose a threat to human health. This conclusion should be also be reviewed with NYSDOH and NYSDEC personnel for their best professional judgement.

Any workers involved with subsurface excavation, trenching, and future utility installation, should take precautions if their work involves handling these fill materials. Precautions would include wearing gloves to prevent direct dermal contact, keeping the fill moist or wet to minimize the generation of dust and particulates, and abstaining from any activities that would increase the likelihood of hand to mouth transfer (i.e., eating, drinking, smoking) while working within these fill materials.

Any excess materials should be staged for sampling and characterization with regards to disposal. Analysis is recommended to include both the total concentrations of TAL and TCL analytes examined in this investigation as well as TCLP testing to confirm that the materials are not considered hazardous waste under RCRA. The surficial fill materials should be able to be re-used on-site but not as clean soils in active recreational areas. Fill from depths greater than 6 feet and characterized by their dark gray-black color appear to represent more contaminated dredge spoils. If excavated, these materials will likely require disposal in an off-site landfill.

NYSOPRHP should be aware that purchase of this site will involve the transfer of property with identified soil contamination. While low level contamination would classify many of the soils as a solid waste, it is possible that certain locations (especially at depth) contain compounds of concern and pockets of contamination at a concentration that would characterize the material as a hazardous waste/hazardous substance under Resource Recreation and Recovery Act or Toxic Substance Control Act regulations. Purchase of this property should be made with the understanding that the sale will include a transfer of environmental liability associated with the site and therefore, we recommend that this process include review and approval by NYSOPRHP legal council.

APPENDIX A PHOTOGRAPHS



Photo of the grid area.
Photo taken facing south.



Photo of the northwest area.
Photo taken facing northwest.



Photo of the beach area.
Photo taken facing south.

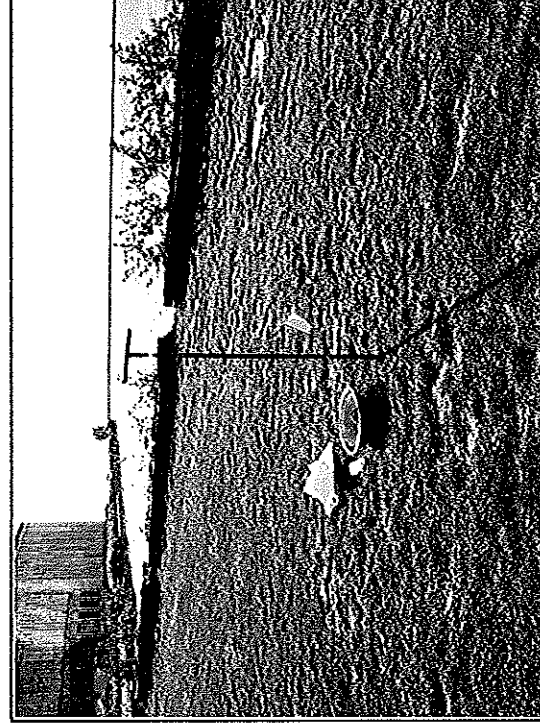


Photo of the grassy knoll area.
Photo taken facing west.

APPENDIX B
LABORATORY ANALYTICAL REPORT



STL

STL Buffalo10 Hazelwood Drive, Suite 106
Amherst, NY 14228Tel: 716 691 2600 Fax: 716 691 7991
www.stl-inc.com

ANALYTICAL REPORT

Job#: A04-9569

STL Project#: NY2A893617

Site Name: Gallagher BeachTask: Gallagher BeachMr. Andrew Klimek
Watts Engineers
3826 Main St.
Buffalo, NY 14226

STL Buffalo

A handwritten signature in cursive script that reads "Candace Z. Fox for JRY".

Jeff R. Yohe
Project Manager

10/20/2004

STL Buffalo Current Certifications

STATE	Program	Cert # / Lab ID
Arkansas	SDWA, CWA, RCRA, SOIL	03-054-D/88-0686
California	NELAP SDWA, CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida	NELAP RCRA	E87672
Georgia	SDWA	956
Illinois	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	CWA, RCRA	036-999-337
New Hampshire	NELAP SDWA, CWA	233701
New Jersey	SDWA, CWA, RCRA, CLP	NY455
New York	NELAP, AIR, SDWA, CWA, RCRA	10026
North Carolina	CWA	411
North Dakota	SDWA, CWA, RCRA	R-176
Oklahoma	CWA, RCRA	9421
Pennsylvania	Env. Lab Reg.	68-281
South Carolina	RCRA	91013
USDA	FOREIGN SOIL PERMIT	S-41579
Virginia	SDWA	278
Washington	CWA	C254
West Virginia	CWA	252
Wisconsin	CWA	998310390

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	SAMPLED		RECEIVED	
		DATE	TIME	DATE	TIME
A4956901	SS-1	09/30/2004	09:10	09/30/2004	16:53
A4956913	SS-10	09/30/2004	13:00	09/30/2004	16:53
A4956914	SS-11	09/30/2004	13:10	09/30/2004	16:53
A4956915	SS-12	09/30/2004	13:20	09/30/2004	16:53
A4956916	SS-13	09/30/2004	13:35	09/30/2004	16:53
A4956917	SS-14	09/30/2004	13:50	09/30/2004	16:53
A4956918	SS-15	09/30/2004	14:00	09/30/2004	16:53
A4956919	SS-16	09/30/2004	14:40	09/30/2004	16:53
A4956920	SS-17	09/30/2004	14:30	09/30/2004	16:53
A4956921	SS-18	09/30/2004	14:20	09/30/2004	16:53
A4956922	SS-19	09/30/2004	14:10	09/30/2004	16:53
A4956902	SS-2	09/30/2004	09:30	09/30/2004	16:53
A4956903	SS-2 DEEP	09/30/2004	09:30	09/30/2004	16:53
A4956923	SS-20	09/30/2004	14:50	09/30/2004	16:53
A4956924	SS-20 DEEP	09/30/2004	14:50	09/30/2004	16:53
A4956925	SS-21	09/30/2004	15:05	09/30/2004	16:53
A4956926	SS-22	09/30/2004	15:15	09/30/2004	16:53
A4956927	SS-23	09/30/2004	15:30	09/30/2004	16:53
A4956928	SS-24	09/30/2004	15:35	09/30/2004	16:53
A4956929	SS-25	09/30/2004	15:40	09/30/2004	16:53
A4956930	SS-26 DEEP	09/30/2004	15:45	09/30/2004	16:53
A4956904	SS-3	09/30/2004	10:05	09/30/2004	16:53
A4956905	SS-4	09/30/2004	10:55	09/30/2004	16:53
A4956906	SS-4 DEEP	09/30/2004	10:55	09/30/2004	16:53
A4956907	SS-5	09/30/2004	10:45	09/30/2004	16:53
A4956908	SS-6	09/30/2004	10:35	09/30/2004	16:53
A4956909	SS-7	09/30/2004	10:25	09/30/2004	16:53
A4956910	SS-8	09/30/2004	11:10	09/30/2004	16:53
A4956911	SS-9	09/30/2004	11:20	09/30/2004	16:53
A4956912	SS-9 DEEP	09/30/2004	11:20	09/30/2004	16:53

METHODS SUMMARY

Job#: A04-9569STL Project#: NY2A893617Site Name: Gallagher Beach

PARAMETER	ANALYTICAL METHOD
METHOD 8260 - TCL VOLATILE ORGANICS	SW8463 8260
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS	SW8463 8270
METHOD 8081 - TCL PESTICIDES	SW8463 8081
METHOD 8082 - POLYCHLORINATED BIPHENYLS	SW8463 8082
Aluminum - Total	SW8463 6010
Antimony - Total	SW8463 6010
Arsenic - Total	SW8463 6010
Barium - Total	SW8463 6010
Beryllium - Total	SW8463 6010
Cadmium - Total	SW8463 6010
Calcium - Total	SW8463 6010
Chromium - Total	SW8463 6010
Cobalt - Total	SW8463 6010
Copper - Total	SW8463 6010
Iron - Total	SW8463 6010
Lead - Total	SW8463 6010
Magnesium - Total	SW8463 6010
Manganese - Total	SW8463 6010
Mercury - Total	SW8463 7471
Nickel - Total	SW8463 6010
Potassium - Total	SW8463 6010
Selenium - Total	SW8463 6010
Silver - Total	SW8463 6010
Sodium - Total	SW8463 6010
Thallium - Total	SW8463 6010
Vanadium - Total	SW8463 6010
Zinc - Total	SW8463 6010
Cyanide - Total	SW8463 9012A

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

NON-CONFORMANCE SUMMARY

Job#: A04-9569STL Project#: NY2A893617Site Name: Gallagher BeachGeneral Comments

The enclosed data have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual and Dissolved Oxygen analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A04-9569

Sample Cooler(s) were received at the following temperature(s); 2.0 °C

The sample listed on the chain of custody as SS-26 DEEP was received on the bottle labels as SS-26. This sample was logged in using its chain of custody ID.

GC/MS Volatile Data

The analyte Methylene Chloride was detected in the Method Blank A4B17228 (VBLK29) at a level above the project established reporting limit. Samples had levels of Methylene Chloride less than ten times that of the Method Blank value. All sample detections for Methylene Chloride may potentially be due to laboratory contamination and should be evaluated accordingly. All associated sample detections were qualified with a "B".

The spike recovery of the analyte Chlorobenzene was below quality control limits in the Matrix Spike and Matrix Spike Duplicate of sample SS-2 DEEP. The Matrix Spike Blank recoveries are compliant.

GC/MS Semivolatile Data

The spike recoveries for 2,4-dinitrophenol, 4-Nitrophenol and Pentachlorophenol were below the laboratory quality control limits in the Matrix Spike SS-26 DEEP and Matrix Spike Duplicate SS-26 DEEP. Since the Matrix Spike Blank recoveries were compliant, no corrective action was required.

GC Extractable Data

For method 8081, the recovery of surrogate Decachlorobiphenyl in samples SS-3, SS-18, and SS-20 is outside of established quality control limits due to the sample matrix. The recovery of surrogate Tetrachloro-m-xylene is within quality control limits; no corrective action is required.

Metals Data

The analyte Iron was detected in the Method Blank and CCB at a level above the project established reporting limit. However, all samples had levels of Iron greater than ten times that of the Method Blank and CCB value, therefore, no corrective action was necessary.

The LCS (Lot D039540) recovery for Mercury fell outside of the quality control limits, however, the LCS value was within the manufacturer's recommended acceptance limits of 69-133 percent. No corrective action was taken.

The recovery of sample SS-1 Matrix Spike and Matrix Spike Duplicate exhibited results below the quality control limits for Aluminum, Antimony, Iron and Potassium (MS.) The recovery of the sample Matrix Spike and Matrix Spike Duplicate exhibited results above the quality control limits for Magnesium, Manganese, Calcium, Zinc (MSD,) and Lead (MSD.) The RPD exceeded quality control limits for Aluminum, Iron, Manganese, Zinc, Lead, Calcium, Barium. However, the LCS was acceptable.

The relative percent difference between the Matrix Spike and the Matrix Spike Duplicate exceed quality control criteria for Mercury, though all individual recoveries are compliant. No action required.

Wet Chemistry Data

The recovery of sample SS-16 Matrix Spike exhibited results below the quality control limits for Cyanide. However, the LCS was acceptable.

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

Client Sample ID	Lab Sample ID	Parameter (Inorganic)/Method (Organic)	Dilution	Code
SS-1	A4956901	8270	5.00	012
SS-2	A4956902	8270	5.00	012
SS-2 DEEP	A4956903	8081	10.00	002
SS-2 DEEP	A4956903	8270	5.00	008
SS-2 DEEP	A4956903	Magnesium - Total	10.00	008
SS-3	A4956904	8270	5.00	012
SS-4	A4956905	8270	5.00	012
SS-4 DEEP	A4956906	8081	10.00	002
SS-4 DEEP	A4956906	8270	5.00	012
SS-4 DEEP	A4956906	Calcium - Total	10.00	008
SS-4 DEEP	A4956906	Magnesium - Total	10.00	008
SS-7	A4956909	8081	10.00	002
SS-7	A4956909	8270	10.00	012
SS-7	A4956909	Calcium - Total	10.00	008
SS-7	A4956909	Magnesium - Total	10.00	008
SS-9 DEEP	A4956912	Calcium - Total	10.00	008
SS-9 DEEP	A4956912	Magnesium - Total	10.00	008
SS-11	A4956914	8081	10.00	002
SS-11	A4956914	8270	5.00	012
SS-11	A4956914	Calcium - Total	10.00	008
SS-11	A4956914	Magnesium - Total	10.00	008
SS-14	A4956917	8081	10.00	002
SS-14	A4956917	8270	5.00	012
SS-15	A4956918	8081	10.00	002
SS-15	A4956918	8270	10.00	012
SS-15	A4956918	Calcium - Total	10.00	008
SS-15	A4956918	Magnesium - Total	10.00	008
SS-16	A4956919	8270	5.00	012
SS-18	A4956921	8270	5.00	012
SS-19	A4956922	8270	5.00	012
SS-20	A4956923	8270	5.00	012
SS-20 DEEP	A4956924	8270	5.00	008
SS-23	A4956927	8081	10.00	002
SS-23	A4956927	8270	5.00	012
SS-23	A4956927	Calcium - Total	10.00	008
SS-23	A4956927	Manganese - Total	10.00	008
SS-24	A4956928	8081	10.00	002
SS-24	A4956928	8270	10.00	012
SS-24	A4956928	Calcium - Total	10.00	008
SS-25	A4956929	8081	10.00	002

Dilution Code Definition:

- 002 - sample matrix effects
- 003 - excessive foaming
- 004 - high levels of non-target compounds
- 005 - sample matrix resulted in method non-compliance for an Internal Standard
- 006 - sample matrix resulted in method non-compliance for Surrogate
- 007 - nature of the TCLP matrix
- 008 - high concentration of target analyte(s)
- 009 - sample turbidity
- 010 - sample color
- 011 - insufficient volume for lower dilution
- 012 - sample viscosity
- 013 - other

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Time: 10:41:44

Dilution Log w/Code Information
For Job A04-9569

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Rept: AN1266R

Client Sample ID	Lab Sample ID	Parameter (Inorganic)/Method (Organic)	Dilution	Code
SS-25	A4956929	8270	10.00	008
SS-25	A4956929	Calcium - Total	50.00	008
SS-25	A4956929	Iron - Total	50.00	008
SS-25	A4956929	Manganese - Total	50.00	008
SS-26 DEEP	A4956930	8081	10.00	002
SS-26 DEEP	A4956930	8270	10.00	012
SS-26 DEEP	A4956930	Calcium - Total	5.00	008
SS-26 DEEP	A4956930	Magnesium - Total	5.00	008
SS-26 DEEP	A4956930MS	8270	10.00	012
SS-26 DEEP	A4956930SD	8270	10.00	012

Dilution Code Definition:

- 002 - sample matrix effects
- 003 - excessive foaming
- 004 - high levels of non-target compounds
- 005 - sample matrix resulted in method non-compliance for an Internal Standard
- 006 - sample matrix resulted in method non-compliance for Surrogate
- 007 - nature of the TCLP matrix
- 008 - high concentration of target analyte(s)
- 009 - sample turbidity
- 010 - sample color
- 011 - insufficient volume for lower dilution
- 012 - sample viscosity
- 013 - other

DATA COMMENT PAGE

ORGANIC DATA QUALIFIERS

ND or U Indicates compound was analyzed for, but not detected at or above the reporting limit.

- J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
- C This flag applies to pesticide results where the identification has been confirmed by GC/MS.
- B This flag is used when the analyte is found in the associated blank, as well as in the sample.
- E This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
- D This flag identifies all compounds identified in an analysis at the secondary dilution factor.
- N Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
- P This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on the data page and flagged with a "P".
- A This flag indicates that a TIC is a suspected aldol-condensation product.
- 1 Indicates coelution.
- * Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

ND or U Indicates element was analyzed for, but not detected at or above the reporting limit.

- J or B Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
- N Indicates spike sample recovery is not within the quality control limits.
- K Indicates the post digestion spike recovery is not within the quality control limits.
- S Indicates value determined by the Method of Standard Addition.
- M Indicates duplicate injection results exceeded quality control limits.
- W Post digestion spike for Furnace AA analysis is out of quality control limits (85-115%) while sample absorbance is less than 50% of spike absorbance.
- E Indicates a value estimated or not reported due to the presence of interferences.
- H Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
- * Indicates analysis is not within the quality control limits.
- + Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

Sample Data Package

Date: 10/20/2004
Time: 10:41:54

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METHOD 8260 - TCL VOLATILE ORGANICS

Rept: AN0326

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Client ID Job No Sample Date	Lab ID	SS-2 DEEP A04-9569 09/30/2004	A4956903	SS-20 DEEP A04-9569 09/30/2004	A4956924	SS-26 DEEP A04-9569 09/30/2004	A4956930	SS-4 DEEP A04-9569 09/30/2004	A4956906
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acetone	UG/KG	ND	27	ND	26	ND	32	ND	29
Benzene	UG/KG	ND	5	ND	5	ND	6	ND	6
Bromodichloromethane	UG/KG	ND	5	ND	5	ND	6	ND	6
Bromoform	UG/KG	ND	5	ND	5	ND	6	ND	6
Bromomethane	UG/KG	ND	5	ND	5	ND	6	ND	6
2-Butanone	UG/KG	ND	27	ND	26	ND	32	ND	29
Carbon Disulfide	UG/KG	ND	5	ND	5	ND	6	ND	6
Carbon Tetrachloride	UG/KG	ND	5	ND	5	ND	6	ND	6
Chlorobenzene	UG/KG	ND	5	ND	5	ND	6	ND	6
Chloroethane	UG/KG	ND	5	ND	5	ND	6	ND	6
Chloroform	UG/KG	ND	5	ND	5	ND	6	ND	6
Chloromethane	UG/KG	ND	5	ND	5	ND	6	ND	6
Cyclohexane	UG/KG	ND	5	ND	5	ND	6	ND	6
1,2-Dibromoethane	UG/KG	ND	5	ND	5	ND	6	ND	6
Dibromochloromethane	UG/KG	ND	5	ND	5	ND	6	ND	6
1,2-Dibromo-3-chloropropane	UG/KG	ND	5	ND	5	ND	6	ND	6
1,2-Dichlorobenzene	UG/KG	ND	5	ND	5	ND	6	ND	6
1,3-Dichlorobenzene	UG/KG	ND	5	ND	5	ND	6	ND	6
1,4-Dichlorobenzene	UG/KG	ND	5	ND	5	ND	6	ND	6
Dichlorodifluoromethane	UG/KG	ND	5	ND	5	ND	6	ND	6
1,1-Dichloroethane	UG/KG	ND	5	ND	5	ND	6	ND	6
1,2-Dichloroethane	UG/KG	ND	5	ND	5	ND	6	ND	6
1,1-Dichloroethene	UG/KG	ND	5	ND	5	ND	6	ND	6
cis-1,2-Dichloroethene	UG/KG	ND	5	ND	5	ND	6	ND	6
trans-1,2-Dichloroethene	UG/KG	ND	5	ND	5	ND	6	ND	6
1,2-Dichloropropane	UG/KG	ND	5	ND	5	ND	6	ND	6
cis-1,3-Dichloropropene	UG/KG	ND	5	ND	5	ND	6	ND	6
trans-1,3-Dichloropropene	UG/KG	ND	5	ND	5	ND	6	ND	6
Ethylbenzene	UG/KG	ND	27	ND	26	ND	32	ND	29
2-Hexanone	UG/KG	ND	5	ND	5	ND	6	ND	6
Isopropylbenzene	UG/KG	ND	5	ND	5	ND	6	ND	6
Methyl acetate	UG/KG	ND	5	ND	5	ND	6	ND	6
Methylcyclohexane	UG/KG	ND	5	ND	5	ND	6	ND	6
Methylene chloride	UG/KG	ND	5	ND	5	ND	6	ND	6
4-Methyl-2-pentanone	UG/KG	ND	27	ND	26	ND	32	ND	29
Methyl tert butyl ether	UG/KG	ND	5	ND	5	ND	6	ND	6
Styrene	UG/KG	ND	5	ND	5	ND	6	ND	6
1,1,2,2-Tetrachloroethane	UG/KG	ND	5	ND	5	ND	6	ND	6
Tetrachloroethene	UG/KG	ND	5	ND	5	ND	6	ND	6
Toluene	UG/KG	ND	5	ND	5	ND	6	ND	6
1,2,4-Trichlorobenzene	UG/KG	ND	5	ND	5	ND	6	ND	6
1,1,1-Trichloroethane	UG/KG	ND	5	ND	5	ND	6	ND	6
1,1,2-Trichloroethane	UG/KG	ND	5	ND	5	ND	6	ND	6

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 10/20/2004
Time: 10:41:54

Gallagher Beach
Gallagher Beach

METHOD 8260 - TCL VOLATILE ORGANICS

Rept: AN0326

Client ID Job No Sample Date	Lab ID	SS-2 DEEP A04-9569 09/30/2004	A4956903	SS-20 DEEP A04-9569 09/30/2004	A4956924	SS-26 DEEP A04-9569 09/30/2004	A4956930	SS-4 DEEP A04-9569 09/30/2004	A4956906
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
1,1,2-Trichloro-1,2,2-trifluor	UG/KG	ND	5	ND	5	ND	6	ND	6
Trichlorofluoromethane	UG/KG	ND	5	ND	5	ND	6	ND	6
Trichloroethene	UG/KG	ND	5	ND	5	ND	6	ND	6
Vinyl chloride	UG/KG	ND	11	ND	11	ND	13	ND	12
Total Xylenes	UG/KG	ND	16	ND	16	ND	20	ND	17
IS/SURROGATE(S)									
Chlorobenzene-D5	%	85	50-200	79	50-200	79	50-200	82	50-200
1,4-Difluorobenzene	%	82	50-200	76	50-200	75	50-200	77	50-200
1,4-Dichlorobenzene-D4	%	68	50-200	60	50-200	59	50-200	63	50-200
Toluene-D8	%	98	71-125	97	71-125	98	71-125	96	71-125
p-Bromofluorobenzene	%	87	68-124	84	68-124	83	68-124	86	68-124
1,2-Dichloroethane-D4	%	92	61-136	97	61-136	95	61-136	100	61-136

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Date: 10/20/2004
Time: 10:41:54

Gallagher Beach
Gallagher Beach
METHOD 8260 - TCL VOLATILE ORGANICS

Rept: AN0326

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Client ID Job No Sample Date	Lab ID	SS-9 DEEP A04-9569 09/30/2004	A4956912	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acetone	UG/KG	ND	30	NA	NA	NA	NA	NA	NA
Benzene	UG/KG	ND	6	NA	NA	NA	NA	NA	NA
Bromodichloromethane	UG/KG	ND	6	NA	NA	NA	NA	NA	NA
Bromoform	UG/KG	ND	6	NA	NA	NA	NA	NA	NA
Bromomethane	UG/KG	ND	6	NA	NA	NA	NA	NA	NA
2-Butanone	UG/KG	ND	30	NA	NA	NA	NA	NA	NA
Carbon Disulfide	UG/KG	ND	6	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	UG/KG	ND	6	NA	NA	NA	NA	NA	NA
Chlorobenzene	UG/KG	ND	6	NA	NA	NA	NA	NA	NA
Chloroethane	UG/KG	ND	6	NA	NA	NA	NA	NA	NA
Chloroform	UG/KG	ND	6	NA	NA	NA	NA	NA	NA
Chloromethane	UG/KG	ND	6	NA	NA	NA	NA	NA	NA
Cyclohexane	UG/KG	ND	6	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane	UG/KG	ND	6	NA	NA	NA	NA	NA	NA
Dibromochloromethane	UG/KG	ND	6	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	UG/KG	ND	6	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	UG/KG	ND	6	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	UG/KG	ND	6	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	UG/KG	ND	6	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	UG/KG	ND	6	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	UG/KG	ND	6	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	UG/KG	ND	6	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	UG/KG	ND	6	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	UG/KG	ND	6	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	UG/KG	ND	6	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	UG/KG	ND	6	NA	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	UG/KG	ND	6	NA	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	UG/KG	ND	6	NA	NA	NA	NA	NA	NA
Ethylbenzene	UG/KG	ND	6	NA	NA	NA	NA	NA	NA
2-Hexanone	UG/KG	ND	30	NA	NA	NA	NA	NA	NA
Isopropylbenzene	UG/KG	ND	6	NA	NA	NA	NA	NA	NA
Methyl acetate	UG/KG	ND	6	NA	NA	NA	NA	NA	NA
Methylcyclohexane	UG/KG	ND	6	NA	NA	NA	NA	NA	NA
Methylene chloride	UG/KG	ND	6	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	UG/KG	ND	6	NA	NA	NA	NA	NA	NA
Methyl tert butyl ether	UG/KG	ND	30	NA	NA	NA	NA	NA	NA
Styrene	UG/KG	ND	6	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	UG/KG	ND	6	NA	NA	NA	NA	NA	NA
Tetrachloroethene	UG/KG	ND	6	NA	NA	NA	NA	NA	NA
Toluene	UG/KG	ND	6	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	UG/KG	ND	6	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	UG/KG	ND	6	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	UG/KG	ND	6	NA	NA	NA	NA	NA	NA

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 10/20/2004
Time: 10:41:54

Gallagher Beach
Gallagher Beach

METHOD 8260 - TCL VOLATILE ORGANICS

Rept: AN0326

Client ID Job No Sample Date	Lab ID	SS-9 DEEP A04-9569 09/30/2004	A4956912	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
1,1,2-Trichloro-1,2,2-trifluor	UG/KG	ND	6	NA		NA		NA	
Trichlorofluoromethane	UG/KG	ND	6	NA		NA		NA	
Trichloroethene	UG/KG	ND	6	NA		NA		NA	
Vinyl chloride	UG/KG	ND	12	NA		NA		NA	
Total Xylenes	UG/KG	ND	18	NA		NA		NA	
IS/SURROGATE(S)									
Chlorobenzene-D5	%	84	50-200	NA		NA		NA	
1,4-Difluorobenzene	%	79	50-200	NA		NA		NA	
1,4-Dichlorobenzene-D4	%	65	50-200	NA		NA		NA	
Toluene-D8	%	96	71-125	NA		NA		NA	
p-Bromofluorobenzene	%	86	68-124	NA		NA		NA	
1,2-Dichloroethane-D4	%	100	61-136	NA		NA		NA	

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NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 10/20/2004
Time: 10:42:22

Gallagher Beach
Gallagher Beach
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Rept: AN0326

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Client ID Job No Sample Date	Lab ID	SS-1 A04-9569 09/30/2004	A4956901	SS-10 A04-9569 09/30/2004	A4956913	SS-11 A04-9569 09/30/2004	A4956914	SS-12 A04-9569 09/30/2004	A4956915
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acenaphthene	UG/KG	ND	1900	ND	370	790 J	1700	ND	330
Acenaphthylene	UG/KG	ND	1900	ND	370	ND	1700	ND	330
Acetophenone	UG/KG	ND	1900	ND	370	ND	1700	ND	330
Anthracene	UG/KG	ND	1900	ND	370	2400	1700	ND	330
Atrazine	UG/KG	ND	1900	ND	370	ND	1700	ND	330
Benzaldehyde	UG/KG	ND	1900	ND	370	ND	1700	ND	330
Benzo(a)anthracene	UG/KG	ND	1900	ND	370	5500	1700	230 J	330
Benzo(b)fluoranthene	UG/KG	ND	1900	ND	370	4200	1700	180 J	330
Benzo(k)fluoranthene	UG/KG	ND	1900	ND	370	3800	1700	190 J	330
Benzo(ghi)perylene	UG/KG	ND	1900	ND	370	3000	1700	ND	330
Benzo(a)pyrene	UG/KG	ND	1900	ND	370	4500	1700	210 J	330
Benzoic acid	UG/KG	ND	27000	ND	5400	ND	25000	ND	4900
Benzyl alcohol	UG/KG	ND	1900	ND	370	ND	1700	ND	330
Biphenyl	UG/KG	ND	1900	ND	370	ND	1700	ND	330
Bis(2-chloroethoxy) methane	UG/KG	ND	1900	ND	370	ND	1700	ND	330
Bis(2-chloroethyl) ether	UG/KG	ND	1900	ND	370	ND	1700	ND	330
2,2'-Oxybis(1-chloropropane)	UG/KG	ND	1900	ND	370	ND	1700	ND	330
Bis(2-ethylhexyl) phthalate	UG/KG	ND	1900	ND	370	ND	1700	ND	330
4-Bromophenyl phenyl ether	UG/KG	ND	1900	ND	370	ND	1700	ND	330
Butyl benzyl phthalate	UG/KG	ND	1900	ND	370	ND	1700	ND	330
Caprolactam	UG/KG	ND	1900	ND	370	ND	1700	ND	330
4-Chloroaniline	UG/KG	ND	1900	ND	370	ND	1700	ND	330
4-Chloro-3-methylphenol	UG/KG	ND	1900	ND	370	ND	1700	ND	330
2-Chloronaphthalene	UG/KG	ND	1900	ND	370	ND	1700	ND	330
2-Chlorophenol	UG/KG	ND	1900	ND	370	ND	1700	ND	330
4-Chlorophenyl phenyl ether	UG/KG	ND	1900	ND	370	ND	1700	ND	330
Chrysene	UG/KG	ND	1900	170 J	370	5600	1700	260 J	330
Dibenzo(a,h)anthracene	UG/KG	ND	1900	ND	370	1400 J	1700	ND	330
Dibenzofuran	UG/KG	ND	1900	ND	370	720 J	1700	ND	330
Di-n-butyl phthalate	UG/KG	ND	1900	ND	370	ND	1700	ND	330
1,2-Dichlorobenzene	UG/KG	ND	1900	ND	370	ND	1700	ND	330
1,3-Dichlorobenzene	UG/KG	ND	1900	ND	370	ND	1700	ND	330
1,4-Dichlorobenzene	UG/KG	ND	1900	ND	370	ND	1700	ND	330
3,3'-Dichlorobenzidine	UG/KG	ND	3800	ND	740	ND	3500	ND	670
2,4-Dichlorophenol	UG/KG	ND	1900	ND	370	ND	1700	ND	330
Diethyl phthalate	UG/KG	ND	1900	ND	370	ND	1700	ND	330
2,4-Dimethylphenol	UG/KG	ND	1900	ND	370	ND	1700	ND	330
Dimethyl phthalate	UG/KG	ND	1900	ND	370	ND	1700	ND	330
4,6-Dinitro-2-methylphenol	UG/KG	ND	9100	ND	1800	ND	8400	ND	1600
2,4-Dinitrophenol	UG/KG	ND	9100	ND	1800	ND	8400	ND	1600
2,4-Dinitrotoluene	UG/KG	ND	1900	ND	370	ND	1700	ND	330
2,6-Dinitrotoluene	UG/KG	ND	1900	ND	370	ND	1700	ND	330
Di-n-octyl phthalate	UG/KG	ND	2500	ND	500	ND	2300	ND	450

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 10/20/2004
Time: 10:42:22

Gallagher Beach
Gallagher Beach

Rept: AN0326

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

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Client ID Job No Sample Date	Lab ID	SS-1 A04-9569 09/30/2004	A4956901	SS-10 A04-9569 09/30/2004	A4956913	SS-11 A04-9569 09/30/2004	A4956914	SS-12 A04-9569 09/30/2004	A4956915
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Fluoranthene	UG/KG	ND	1900	270 J	370	10000	1700	560	330
Fluorene	UG/KG	ND	1900	ND	370	1300 J	1700	ND	330
Hexachlorobenzene	UG/KG	ND	1900	ND	370	ND	1700	ND	330
Hexachlorobutadiene	UG/KG	ND	1900	ND	370	ND	1700	ND	330
Hexachlorocyclopentadiene	UG/KG	ND	1900	ND	370	ND	1700	ND	330
Hexachloroethane	UG/KG	ND	1900	ND	370	ND	1700	ND	330
Indeno(1,2,3-cd)pyrene	UG/KG	ND	1900	ND	370	3200	1700	ND	330
Isophorone	UG/KG	ND	1900	ND	370	ND	1700	ND	330
2-Methylnaphthalene	UG/KG	ND	1900	ND	370	ND	1700	ND	330
2-Methylphenol	UG/KG	ND	1900	ND	370	ND	1700	ND	330
4-Methylphenol	UG/KG	ND	1900	ND	370	ND	1700	ND	330
Naphthalene	UG/KG	ND	1900	ND	370	ND	1700	ND	330
2-Nitroaniline	UG/KG	ND	9100	ND	1800	ND	8400	ND	1600
3-Nitroaniline	UG/KG	ND	9100	ND	1800	ND	8400	ND	1600
4-Nitroaniline	UG/KG	ND	9100	ND	1800	ND	8400	ND	1600
Nitrobenzene	UG/KG	ND	1900	ND	370	ND	1700	ND	330
2-Nitrophenol	UG/KG	ND	1900	ND	370	ND	1700	ND	330
4-Nitrophenol	UG/KG	ND	1900	ND	370	ND	1700	ND	330
N-Nitrosodiphenylamine	UG/KG	ND	1900	ND	370	ND	1700	ND	330
N-Nitroso-Di-n-propylamine	UG/KG	ND	1900	ND	370	ND	1700	ND	330
Pentachlorophenol	UG/KG	ND	1900	ND	1800	ND	8400	ND	1600
Phenanthrene	UG/KG	ND	1900	200 J	370	8900	1700	420	330
Phenol	UG/KG	ND	1900	ND	370	ND	1700	ND	330
Pyrene	UG/KG	ND	1900	250 J	370	8800	1700	460	330
1,2,4-Trichlorobenzene	UG/KG	ND	1900	ND	370	ND	1700	ND	330
2,4,5-Trichlorophenol	UG/KG	ND	4600	ND	900	ND	4200	ND	810
2,4,6-Trichlorophenol	UG/KG	ND	1900	ND	370	ND	1700	ND	330
IS/SURROGATE(S)									
1,4-Dichlorobenzene-D4	%	102	50-200	104	50-200	100	50-200	97	50-200
Naphthalene-D8	%	102	50-200	109	50-200	103	50-200	102	50-200
Acenaphthene-D10	%	102	50-200	113	50-200	108	50-200	107	50-200
Phenanthrene-D10	%	103	50-200	111	50-200	108	50-200	105	50-200
Chrysene-D12	%	108	50-200	109	50-200	103	50-200	103	50-200
Perylene-D12	%	110	50-200	114	50-200	118	50-200	121	50-200
Nitrobenzene-D5	%	64	30-127	73	30-127	81	30-127	72	30-127
2-Fluorobiphenyl	%	80	36-138	77	36-138	93	36-138	78	36-138
p-Terphenyl-D14	%	99	41-167	90	41-167	120	41-167	92	41-167
Phenol-D5	%	76	34-120	78	34-120	88	34-120	80	34-120
2-Fluorophenol	%	63	26-120	63	26-120	69	26-120	64	26-120
2,4,6-Tribromophenol	%	68	42-140	83	42-140	92	42-140	84	42-140

NA = Not Applicable ND = Not Detected

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Date: 10/20/2004
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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Rept: AN0326

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Client ID Job No Sample Date	Lab ID	SS-13 A04-9569 09/30/2004	A4956916	SS-14 A04-9569 09/30/2004	A4956917	SS-15 A04-9569 09/30/2004	A4956918	SS-16 A04-9569 09/30/2004	A4956919
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acenaphthene	UG/KG	ND	390	ND	1900	ND	3400	ND	1800
Acenaphthylene	UG/KG	ND	390	ND	1900	ND	3400	ND	1800
Acetophenone	UG/KG	ND	390	ND	1900	ND	3400	ND	1800
Anthracene	UG/KG	ND	390	ND	1900	ND	3400	ND	1800
Atrazine	UG/KG	ND	390	ND	1900	ND	3400	ND	1800
Benzaldehyde	UG/KG	ND	390	ND	1900	ND	3400	ND	1800
Benzo(a)anthracene	UG/KG	ND	390	ND	1900	2800 J	3400	ND	1800
Benzo(b)fluoranthene	UG/KG	ND	390	ND	1900	2000 J	3400	ND	1800
Benzo(k)fluoranthene	UG/KG	ND	390	ND	1900	2300 J	3400	ND	1800
Benzo(ghi)perylene	UG/KG	ND	390	ND	1900	ND	3400	ND	1800
Benzo(a)pyrene	UG/KG	ND	390	690 J	1900	2200 J	3400	ND	1800
Benzoic acid	UG/KG	ND	5600	ND	27000	ND	49000	ND	27000
Benzyl alcohol	UG/KG	ND	390	ND	1900	ND	3400	ND	1800
Biphenyl	UG/KG	ND	390	ND	1900	ND	3400	ND	1800
Bis(2-chloroethoxy) methane	UG/KG	ND	390	ND	1900	ND	3400	ND	1800
Bis(2-chloroethyl) ether	UG/KG	ND	390	ND	1900	ND	3400	ND	1800
2,2'-Oxybis(1-chloropropane)	UG/KG	ND	390	ND	1900	ND	3400	ND	1800
Bis(2-ethylhexyl) phthalate	UG/KG	ND	390	ND	1900	ND	3400	ND	1800
4-Bromophenyl phenyl ether	UG/KG	ND	390	ND	1900	ND	3400	ND	1800
Butyl benzyl phthalate	UG/KG	ND	390	ND	1900	ND	3400	ND	1800
Caprolactam	UG/KG	ND	390	ND	1900	ND	3400	ND	1800
4-Chloroaniline	UG/KG	ND	390	ND	1900	ND	3400	ND	1800
4-Chloro-3-methylphenol	UG/KG	ND	390	ND	1900	ND	3400	ND	1800
2-Chloronaphthalene	UG/KG	ND	390	ND	1900	ND	3400	ND	1800
2-Chlorophenol	UG/KG	ND	390	ND	1900	ND	3400	ND	1800
4-Chlorophenyl phenyl ether	UG/KG	ND	390	ND	1900	ND	3400	ND	1800
Chrysene	UG/KG	ND	390	960 J	1900	3000 J	3400	ND	1800
Dibenzo(a,h)anthracene	UG/KG	ND	390	ND	1900	ND	3400	ND	1800
Dibenzofuran	UG/KG	ND	390	ND	1900	ND	3400	ND	1800
Di-n-butyl phthalate	UG/KG	ND	390	ND	1900	ND	3400	ND	1800
1,2-Dichlorobenzene	UG/KG	ND	390	ND	1900	ND	3400	ND	1800
1,3-Dichlorobenzene	UG/KG	ND	390	ND	1900	ND	3400	ND	1800
1,4-Dichlorobenzene	UG/KG	ND	390	ND	1900	ND	3400	ND	1800
3,3'-Dichlorobenzidine	UG/KG	ND	770	ND	3700	ND	6700	ND	3700
2,4-Dichlorophenol	UG/KG	ND	390	ND	1900	ND	3400	ND	1800
Diethyl phthalate	UG/KG	ND	390	ND	1900	ND	3400	ND	1800
2,4-Dimethylphenol	UG/KG	ND	390	ND	1900	ND	3400	ND	1800
Dimethyl phthalate	UG/KG	ND	390	ND	1900	ND	3400	ND	1800
4,6-Dinitro-2-methylphenol	UG/KG	ND	1900	ND	9100	ND	16000	ND	9000
2,4-Dinitrophenol	UG/KG	ND	1900	ND	9100	ND	16000	ND	9000
2,4-Dinitrotoluene	UG/KG	ND	390	ND	1900	ND	3400	ND	1800
2,6-Dinitrotoluene	UG/KG	ND	390	ND	1900	ND	3400	ND	1800
Di-n-octyl phthalate	UG/KG	ND	520	ND	2500	ND	4600	ND	2500

NA = Not Applicable ND = Not Detected

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Client ID	Lab ID	Units	SS-13 A04-9569 09/30/2004	A4956916	SS-14 A04-9569 09/30/2004	A4956917	SS-15 A04-9569 09/30/2004	A4956918	SS-16 A04-9569 09/30/2004	Reporting Limit
Job No	Sample Date	Analyte	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
		Fluoranthene	250 J	390	1900	1900	7500	3400	ND	1800
		Fluorene	ND	390	ND	1900	ND	3400	ND	1800
		Hexachlorobenzene	ND	390	ND	1900	ND	3400	ND	1800
		Hexachlorobutadiene	ND	390	ND	1900	ND	3400	ND	1800
		Hexachlorocyclopentadiene	ND	390	ND	1900	ND	3400	ND	1800
		Hexachloroethane	ND	390	ND	1900	ND	3400	ND	1800
		Indeno(1,2,3-cd)pyrene	ND	390	ND	1900	ND	3400	ND	1800
		Isophorone	ND	390	ND	1900	ND	3400	ND	1800
		2-Methylnaphthalene	ND	390	ND	1900	ND	3400	ND	1800
		2-Methylphenol	ND	390	ND	1900	ND	3400	ND	1800
		4-Methylphenol	ND	390	ND	1900	ND	3400	ND	1800
		Naphthalene	ND	390	ND	1900	ND	3400	ND	1800
		2-Nitroaniline	ND	1900	ND	9100	ND	16000	ND	9000
		3-Nitroaniline	ND	1900	ND	9100	ND	16000	ND	9000
		4-Nitroaniline	ND	1900	ND	9100	ND	16000	ND	9000
		Nitrobenzene	ND	390	ND	1900	ND	3400	ND	1800
		2-Nitrophenol	ND	1900	ND	9100	ND	16000	ND	9000
		4-Nitrophenol	ND	390	ND	1900	ND	3400	ND	1800
		N-nitrosodiphenylamine	ND	390	ND	1900	ND	3400	ND	1800
		N-Nitroso-Di-n-propylamine	ND	390	ND	1900	ND	3400	ND	1800
		Pentachlorophenol	ND	1900	ND	9100	ND	16000	ND	9000
		Phenanthrene	160 J	390	1900	1900	3600	3400	ND	1800
		Phenol	ND	390	ND	1900	ND	3400	ND	1800
		Pyrene	210 J	390	1500 J	1900	6100	3400	ND	1800
		1,2,4-Trichlorobenzene	ND	390	ND	1900	ND	3400	ND	1800
		2,4,5-Trichlorophenol	ND	940	ND	4500	ND	8200	ND	4500
		2,4,6-Trichlorophenol	ND	390	ND	1900	ND	3400	ND	1800
		IS/SURROGATE(S)								
		1,4-Dichlorobenzene-D4	100	50-200	102	50-200	103	50-200	102	50-200
		Naphthalene-D8	106	50-200	108	50-200	108	50-200	106	50-200
		Acenaphthene-D10	109	50-200	113	50-200	112	50-200	112	50-200
		Phenanthrene-D10	108	50-200	111	50-200	111	50-200	110	50-200
		Chrysene-D12	109	50-200	112	50-200	113	50-200	113	50-200
		Perylene-D12	127	50-200	133	50-200	133	50-200	133	50-200
		Nitrobenzene-D5	74	30-127	68	30-127	76	30-127	74	30-127
		2-Fluorobiphenyl	76	36-138	79	36-138	90	36-138	87	36-138
		p-Terphenyl-d14	85	41-167	102	41-167	114	41-167	110	41-167
		Phenol-D5	79	34-120	81	34-120	87	34-120	84	34-120
		2-Fluorophenol	65	26-120	63	26-120	68	26-120	65	26-120
		2,4,6-Tribromophenol	81	42-140	80	42-140	87	42-140	89	42-140

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

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Client ID Job No Sample Date	Lab ID	SS-17 A04-9569 09/30/2004	A4956920	SS-18 A04-9569 09/30/2004	A4956921	SS-19 A04-9569 09/30/2004	A4956922	SS-2 A04-9569 09/30/2004	A4956902
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acenaphthene	UG/KG	ND	350	ND	1700	ND	1700	ND	1800
Acenaphthylene	UG/KG	ND	350	ND	1700	ND	1700	ND	1800
Acetophenone	UG/KG	ND	350	ND	1700	ND	1700	ND	1800
Anthracene	UG/KG	ND	350	ND	1700	ND	1700	ND	1800
Atrazine	UG/KG	ND	350	ND	1700	ND	1700	ND	1800
Benzaldehyde	UG/KG	ND	350	ND	1700	ND	1700	ND	1800
Benzo(a)anthracene	UG/KG	220 J	350	ND	1700	ND	1700	1200 J	1800
Benzo(b)fluoranthene	UG/KG	230 J	350	ND	1700	950 J	1700	950 J	1800
Benzo(k)fluoranthene	UG/KG	ND	350	ND	1700	1200 J	1700	ND	1800
Benzo(ghi)perylene	UG/KG	ND	350	ND	1700	ND	1700	ND	1800
Benzo(a)pyrene	UG/KG	200 J	350	ND	1700	ND	1700	990 J	1800
Benzoic acid	UG/KG	ND	5100	ND	25000	ND	25000	ND	26000
Benzyl alcohol	UG/KG	ND	350	ND	1700	ND	1700	ND	1800
Biphenyl	UG/KG	ND	350	ND	1700	ND	1700	ND	1800
Bis(2-chloroethoxy) methane	UG/KG	ND	350	ND	1700	ND	1700	ND	1800
Bis(2-chloroethyl) ether	UG/KG	ND	350	ND	1700	ND	1700	ND	1800
2,2'-Oxybis(1-chloropropane)	UG/KG	ND	350	ND	1700	ND	1700	ND	1800
Bis(2-ethylhexyl) phthalate	UG/KG	ND	350	ND	1700	ND	1700	ND	1800
4-Bromophenyl phenyl ether	UG/KG	ND	350	ND	1700	ND	1700	ND	1800
Butyl benzyl phthalate	UG/KG	ND	350	ND	1700	ND	1700	ND	1800
Caprolactam	UG/KG	ND	350	ND	1700	ND	1700	ND	1800
4-Chloroaniline	UG/KG	ND	350	ND	1700	ND	1700	ND	1800
4-Chloro-3-methylphenol	UG/KG	ND	350	ND	1700	ND	1700	ND	1800
2-Chloronaphthalene	UG/KG	ND	350	ND	1700	ND	1700	ND	1800
2-Chlorophenol	UG/KG	ND	350	ND	1700	ND	1700	ND	1800
4-Chlorophenyl phenyl ether	UG/KG	ND	350	ND	1700	ND	1700	ND	1800
Chrysene	UG/KG	240 J	350	ND	1700	740 J	1700	1300 J	1800
Dibenzo(a,h)anthracene	UG/KG	ND	350	ND	1700	ND	1700	ND	1800
Dibenzofuran	UG/KG	ND	350	ND	1700	ND	1700	ND	1800
Di-n-butyl phthalate	UG/KG	ND	350	ND	1700	ND	1700	ND	1800
1,2-Dichlorobenzene	UG/KG	ND	350	ND	1700	ND	1700	ND	1800
1,3-Dichlorobenzene	UG/KG	ND	350	ND	1700	ND	1700	ND	1800
1,4-Dichlorobenzene	UG/KG	ND	350	ND	1700	ND	1700	ND	1800
3,3'-Dichlorobenzidine	UG/KG	ND	710	ND	3400	ND	3400	ND	3500
2,4-Dichlorophenol	UG/KG	ND	350	ND	1700	ND	1700	ND	1800
Diethyl phthalate	UG/KG	ND	350	ND	1700	ND	1700	ND	1800
2,4-Dimethylphenol	UG/KG	ND	350	ND	1700	ND	1700	ND	1800
Dimethyl phthalate	UG/KG	ND	1700	ND	8400	ND	8400	ND	8600
4,6-Dinitro-2-methylphenol	UG/KG	ND	1700	ND	8400	ND	8400	ND	8600
2,4-Dinitrophenol	UG/KG	ND	350	ND	1700	ND	1700	ND	1800
2,6-Dinitrotoluene	UG/KG	ND	350	ND	1700	ND	1700	ND	1800
Di-n-octyl phthalate	UG/KG	ND	480	ND	2300	ND	2300	ND	2400

NA = Not Applicable ND = Not Detected

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Rept: ANQ326

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Client ID	Lab ID	Units	Sample Value	Reporting Limit	SS-17 A04-9569 09/30/2004	SS-18 A04-9569 09/30/2004	SS-19 A04-9569 09/30/2004	SS-2 A04-9569 09/30/2004	Reporting Limit
Fluoranthene		ug/kg	380	350	ND	1700	1700	2400	1800
Fluorene		ug/kg	ND	350	ND	1700	1700	ND	1800
Hexachlorobenzene		ug/kg	ND	350	ND	1700	1700	ND	1800
Hexachlorobutadiene		ug/kg	ND	350	ND	1700	1700	ND	1800
Hexachlorocyclopentadiene		ug/kg	ND	350	ND	1700	1700	ND	1800
Hexachloroethane		ug/kg	ND	350	ND	1700	1700	ND	1800
Indeno(1,2,3-cd)pyrene		ug/kg	ND	350	ND	1700	1700	ND	1800
Isophorone		ug/kg	ND	350	ND	1700	1700	ND	1800
2-Methylnaphthalene		ug/kg	ND	350	ND	1700	1700	ND	1800
2-Methylphenol		ug/kg	ND	350	ND	1700	1700	ND	1800
4-Methylphenol		ug/kg	ND	350	ND	1700	1700	ND	1800
Naphthalene		ug/kg	ND	350	ND	1700	1700	ND	1800
2-Nitroaniline		ug/kg	1700	1700	ND	8400	8400	ND	8600
3-Nitroaniline		ug/kg	1700	1700	ND	8400	8400	ND	8600
4-Nitroaniline		ug/kg	350	350	ND	1700	1700	ND	1800
Nitrobenzene		ug/kg	350	350	ND	1700	1700	ND	1800
2-Nitrophenol		ug/kg	1700	1700	ND	8400	8400	ND	8600
4-Nitrophenol		ug/kg	350	350	ND	1700	1700	ND	1800
N-nitrosodiphenylamine		ug/kg	ND	350	ND	1700	1700	ND	1800
N-Nitroso-Di-n-propylamine		ug/kg	ND	350	ND	1700	1700	ND	1800
Pentachlorophenol		ug/kg	200 J	1700	ND	8400	8400	ND	8600
Phenanthrene		ug/kg	ND	350	ND	1700	1700	1300 J	1800
Phenol		ug/kg	ND	350	ND	1700	1700	ND	1800
Pyrene		ug/kg	330 J	350	ND	1700	1700	2000	1800
1,2,4-Trichlorobenzene		ug/kg	ND	350	ND	1700	1700	ND	1800
2,4,5-Trichlorophenol		ug/kg	ND	860	ND	4200	4200	ND	4300
2,4,6-Trichlorophenol		ug/kg	ND	350	ND	1700	1700	ND	1800
IS/SURROGATE(S)									
1,4-Dichlorobenzene-D4	%		96	50-200	78	50-200	50-200	104	50-200
Naphthalene-D8	%		102	50-200	78	50-200	50-200	105	50-200
Acenaphthene-D10	%		106	50-200	80	50-200	50-200	108	50-200
Phenanthrene-D10	%		105	50-200	86	50-200	50-200	108	50-200
Chrysene-D12	%		108	50-200	86	50-200	50-200	113	50-200
Perylene-D12	%		125	50-200	97	50-200	50-200	121	50-200
Nitrobenzene-D5	%		81	30-127	45	30-127	30-127	74	30-127
2-Fluorobiphenyl	%		82	36-138	70	36-138	36-138	86	36-138
p-Terphenyl-d14	%		87	41-167	87	41-167	41-167	110	41-167
Phenol-D5	%		86	34-120	55	34-120	34-120	84	34-120
2-Fluorophenol	%		72	26-120	49	26-120	26-120	69	26-120
2,4,6-Tribromophenol	%		85	42-140	51	42-140	42-140	76	42-140

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

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Client ID Job No Sample Date	Lab ID	SS-2 DEEP A04-9569 09/30/2004	A4956903	SS-20 A04-9569 09/30/2004	A4956923	SS-20 DEEP A04-9569 09/30/2004	A4956924	SS-21 A04-9569 09/30/2004	A4956925
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acenaphthene	ug/kg	ND	1800	ND	1900	1700 J	1800	ND	380
Acenaphthylene	ug/kg	ND	1800	ND	1900	ND	1800	ND	380
Acetophenone	ug/kg	ND	1800	ND	1900	ND	1800	ND	380
Anthracene	ug/kg	940 J	1800	ND	1900	4200	1800	ND	380
Atrazine	ug/kg	ND	1800	ND	1900	ND	1800	ND	380
Benzaldehyde	ug/kg	ND	1800	ND	1900	ND	1800	ND	380
Benzo(a)anthracene	ug/kg	3500	1800	ND	1900	6900	1800	ND	380
Benzo(b)fluoranthene	ug/kg	2700	1800	ND	1900	4800	1800	ND	380
Benzo(k)fluoranthene	ug/kg	2400	1800	ND	1900	3200	1800	ND	380
Benzo(ghi)perylene	ug/kg	1900	1800	ND	1900	3200	1800	ND	380
Benzo(a)pyrene	ug/kg	3100	1800	ND	1900	5100	1800	ND	380
Benzoic acid	ug/kg	ND	26000	ND	28000	ND	26000	ND	5400
Benzyl alcohol	ug/kg	ND	1800	ND	1900	ND	1800	ND	380
Biphenyl	ug/kg	ND	1800	ND	1900	ND	1800	ND	380
Bis(2-chloroethoxy) methane	ug/kg	ND	1800	ND	1900	ND	1800	ND	380
Bis(2-chloroethyl) ether	ug/kg	ND	1800	ND	1900	ND	1800	ND	380
2,2'-oxybis(1-chloropropane)	ug/kg	ND	1800	ND	1900	ND	1800	ND	380
Bis(2-ethylhexyl) phthalate	ug/kg	ND	1800	ND	1900	ND	1800	ND	380
4-Bromophenyl phenyl ether	ug/kg	ND	1800	ND	1900	ND	1800	ND	380
Butyl benzyl phthalate	ug/kg	ND	1800	ND	1900	ND	1800	ND	380
Caprolactam	ug/kg	ND	1800	ND	1900	ND	1800	ND	380
4-Chloroaniline	ug/kg	ND	1800	ND	1900	ND	1800	ND	380
4-Chloro-3-methylphenol	ug/kg	ND	1800	ND	1900	ND	1800	ND	380
2-Chloronaphthalene	ug/kg	ND	1800	ND	1900	ND	1800	ND	380
2-Chlorophenol	ug/kg	ND	1800	ND	1900	ND	1800	ND	380
4-Chlorophenyl phenyl ether	ug/kg	ND	1800	ND	1900	ND	1800	ND	380
Chrysene	ug/kg	3800	1800	ND	1900	5900	1800	ND	380
Dibenzo(a,h)anthracene	ug/kg	ND	1800	ND	1900	1400 J	1800	ND	380
Dibenzofuran	ug/kg	ND	1800	ND	1900	1700 J	1800	ND	380
Di-n-butyl phthalate	ug/kg	ND	1800	ND	1900	ND	1800	ND	380
1,2-Dichlorobenzene	ug/kg	ND	1800	ND	1900	ND	1800	ND	380
1,3-Dichlorobenzene	ug/kg	ND	1800	ND	1900	ND	1800	ND	380
1,4-Dichlorobenzene	ug/kg	ND	1800	ND	1900	ND	1800	ND	380
3,3'-Dichlorobenzidine	ug/kg	ND	3600	ND	3900	ND	3500	ND	750
2,4-Dichlorophenol	ug/kg	ND	1800	ND	1900	ND	1800	ND	380
Diethyl phthalate	ug/kg	ND	1800	ND	1900	ND	1800	ND	380
2,4-Dimethylphenol	ug/kg	ND	1800	ND	1900	ND	1800	ND	380
Dimethyl phthalate	ug/kg	ND	8600	ND	9400	ND	8600	ND	1800
4,6-Dinitro-2-methylphenol	ug/kg	ND	8600	ND	9400	ND	8600	ND	1800
2,4-Dinitrophenol	ug/kg	ND	1800	ND	1900	ND	1800	ND	380
2,4-Dinitrotoluene	ug/kg	ND	1800	ND	1900	ND	1800	ND	380
2,6-Dinitrotoluene	ug/kg	ND	1800	ND	1900	ND	1800	ND	380
Di-n-octyl phthalate	ug/kg	ND	2400	ND	2600	ND	2400	ND	510

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

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Client ID Job No Sample Date	Lab ID	SS-2 DEEP A04-9569 09/30/2004	A4956903	SS-20 A04-9569 09/30/2004	A4956923	SS-20 DEEP A04-9569 09/30/2004	A4956924	SS-21 A04-9569 09/30/2004	A4956925
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Fluoranthene	UG/KG	7700	1800	ND	1900	16000	1800	ND	380
Fluorene	UG/KG	ND	1800	ND	1900	2300	1800	ND	380
Hexachlorobenzene	UG/KG	ND	1800	ND	1900	ND	1800	ND	380
Hexachlorobutadiene	UG/KG	ND	1800	ND	1900	ND	1800	ND	380
Hexachlorocyclopentadiene	UG/KG	ND	1800	ND	1900	ND	1800	ND	380
Hexachloroethane	UG/KG	ND	1800	ND	1900	ND	1800	ND	380
Indeno(1,2,3-cd)pyrene	UG/KG	1800	1800	ND	1900	3000	1800	ND	380
Isophorone	UG/KG	ND	1800	ND	1900	ND	1800	ND	380
2-Methylnaphthalene	UG/KG	ND	1800	ND	1900	680 J	1800	ND	380
2-Methylphenol	UG/KG	ND	1800	ND	1900	ND	1800	ND	380
4-Methylphenol	UG/KG	ND	1800	ND	1900	ND	1800	ND	380
Naphthalene	UG/KG	ND	1800	ND	1900	2400	1800	ND	380
2-Nitroaniline	UG/KG	ND	8600	ND	9400	ND	8600	ND	1800
3-Nitroaniline	UG/KG	ND	8600	ND	9400	ND	8600	ND	1800
4-Nitroaniline	UG/KG	ND	8600	ND	9400	ND	8600	ND	1800
Nitrobenzene	UG/KG	ND	1800	ND	1900	ND	1800	ND	380
2-Nitrophenol	UG/KG	ND	8600	ND	9400	ND	8600	ND	1800
4-Nitrophenol	UG/KG	ND	8600	ND	9400	ND	8600	ND	1800
N-Nitrosodiphenylamine	UG/KG	ND	1800	ND	1900	ND	1800	ND	380
N-Nitroso-Di-n-propylamine	UG/KG	ND	1800	ND	1900	ND	1800	ND	380
Pentachlorophenol	UG/KG	ND	8600	ND	9400	ND	8600	ND	1800
Phenanthrene	UG/KG	5100	1800	ND	1900	16000	1800	ND	380
Phenol	UG/KG	ND	1800	ND	1900	ND	1800	ND	380
Pyrene	UG/KG	6700	1800	ND	1900	13000	1800	ND	380
1,2,4-Trichlorobenzene	UG/KG	ND	1800	ND	1900	ND	1800	ND	380
2,4,5-Trichlorophenol	UG/KG	ND	4300	ND	4700	ND	4300	ND	910
2,4,6-Trichlorophenol	UG/KG	ND	1800	ND	1900	ND	1800	ND	380
IS/SURROGATE(S)									
1,4-Dichlorobenzene-D4	%	109	50-200	85	50-200	86	50-200	90	50-200
Naphthalene-D8	%	109	50-200	83	50-200	85	50-200	88	50-200
Acenaphthene-D10	%	114	50-200	86	50-200	84	50-200	90	50-200
Phenanthrene-D10	%	119	50-200	87	50-200	91	50-200	89	50-200
Chrysene-D12	%	120	50-200	82	50-200	90	50-200	88	50-200
Perylene-D12	%	136	50-200	101	50-200	115	50-200	118	50-200
Nitrobenzene-D5	%	81	30-127	65	30-127	72	30-127	75	30-127
2-Fluorobiphenyl	%	92	36-138	84	36-138	95	36-138	85	36-138
p-Terphenyl-d14	%	114	41-167	102	41-167	115	41-167	104	41-167
Phenol-D5	%	92	34-120	70	34-120	76	34-120	76	34-120
2-Fluorophenol	%	76	26-120	62	26-120	68	26-120	70	26-120
2,4,6-Tribromophenol	%	84	42-140	70	42-140	82	42-140	96	42-140

NA = Not Applicable ND = Not Detected

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

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23/132

Client ID Job No Sample Date	Lab ID	Units	SS-22 A04-9569 09/30/2004	SS-23 A04-9569 09/30/2004	A4956926	SS-24 A04-9569 09/30/2004	A4956928	SS-25 A04-9569 09/30/2004	Reporting Limit
Acenaphthene	U6/KG	ND	340	1700	ND	ND	3600	1800 J	3400
Acenaphthylene	U6/KG	ND	340	1700	ND	ND	3600	ND	3400
Acetophenone	U6/KG	ND	340	1700	ND	ND	3600	6600	3400
Anthracene	U6/KG	ND	340	1700	ND	ND	3600	ND	3400
Atrazine	U6/KG	ND	340	1700	ND	ND	3600	ND	3400
Benzaldehyde	U6/KG	ND	340	1700	ND	ND	3600	9700	3400
Benzo(a)anthracene	U6/KG	ND	340	1700	ND	ND	3600	6300	3400
Benzo(b)fluoranthene	U6/KG	ND	340	1700	ND	ND	3600	7000	3400
Benzo(k)fluoranthene	U6/KG	ND	340	1700	ND	ND	3600	7300	3400
Benzo(ghi)perylene	U6/KG	ND	340	1700	ND	ND	3600	ND	3400
Benzo(a)pyrene	U6/KG	ND	340	1700	ND	ND	3600	ND	3400
Benzoic acid	U6/KG	ND	5000	25000	ND	ND	53000	ND	50000
Benzyl alcohol	U6/KG	ND	340	1700	ND	ND	3600	ND	3400
Biphenyl	U6/KG	ND	340	1700	ND	ND	3600	ND	3400
Bis(2-chloroethoxy) methane	U6/KG	ND	340	1700	ND	ND	3600	ND	3400
Bis(2-chloroethyl) ether	U6/KG	ND	340	1700	ND	ND	3600	ND	3400
2,2'-oxybis(1-chloropropane)	U6/KG	ND	340	1700	ND	ND	3600	ND	3400
Bis(2-ethylhexyl) phthalate	U6/KG	ND	340	1700	ND	ND	3600	ND	3400
4-Bromophenyl phenyl ether	U6/KG	ND	340	1700	ND	ND	3600	ND	3400
Butyl benzyl phthalate	U6/KG	ND	340	1700	ND	ND	3600	ND	3400
Caprolactam	U6/KG	ND	340	1700	ND	ND	3600	ND	3400
4-Chloroaniline	U6/KG	ND	340	1700	ND	ND	3600	ND	3400
4-Chloro-3-methylphenol	U6/KG	ND	340	1700	ND	ND	3600	ND	3400
2-Chloronaphthalene	U6/KG	ND	340	1700	ND	ND	3600	ND	3400
2-Chlorophenol	U6/KG	ND	340	1700	ND	ND	3600	ND	3400
4-Chlorophenyl phenyl ether	U6/KG	ND	340	1700	ND	ND	3600	8900	3400
Chrysene	U6/KG	ND	340	1700	ND	ND	3600	1500 J	3400
Dibenzo(a,h)anthracene	U6/KG	ND	340	1700	ND	ND	3600	ND	3400
Dibenzofuran	U6/KG	ND	340	1700	ND	ND	3600	ND	3400
Di-n-butyl phthalate	U6/KG	ND	340	1700	ND	ND	3600	ND	3400
1,2-Dichlorobenzene	U6/KG	ND	340	1700	ND	ND	3600	ND	3400
1,3-Dichlorobenzene	U6/KG	ND	340	1700	ND	ND	3600	ND	3400
1,4-Dichlorobenzene	U6/KG	ND	340	1700	ND	ND	3600	ND	3400
3,3'-Dichlorobenzidine	U6/KG	ND	680	3400	ND	ND	7300	ND	6900
2,4-Dichlorophenol	U6/KG	ND	340	1700	ND	ND	3600	ND	3400
Diethyl phthalate	U6/KG	ND	340	1700	ND	ND	3600	ND	3400
2,4-Dimethylphenol	U6/KG	ND	340	1700	ND	ND	3600	ND	3400
Dimethyl phthalate	U6/KG	ND	340	1700	ND	ND	3600	ND	3400
4,6-Dinitro-2-methylphenol	U6/KG	ND	1600	8400	ND	ND	18000	ND	17000
2,4-Dinitrophenol	U6/KG	ND	1600	8400	ND	ND	18000	ND	17000
2,4-Dinitrotoluene	U6/KG	ND	340	1700	ND	ND	3600	ND	3400
2,6-Dinitrotoluene	U6/KG	ND	340	1700	ND	ND	3600	ND	3400
Di-n-octyl phthalate	U6/KG	ND	460	2300	ND	ND	4900	ND	4600

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Client ID Job No Sample Date	Lab ID	SS-22 A04-9569 09/30/2004	A4956926	SS-23 A04-9569 09/30/2004	A4956927	SS-24 A04-9569 09/30/2004	A4956928	SS-25 A04-9569 09/30/2004	A4956929
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Fluoranthene	ug/kg	ND	340	1100 J	1700	2000 J	3600	24000	3400
Fluorene	ug/kg	ND	340	ND	1700	ND	3600	3000 J	3400
Hexachlorobenzene	ug/kg	ND	340	ND	1700	ND	3600	ND	3400
Hexachlorobutadiene	ug/kg	ND	340	ND	1700	ND	3600	ND	3400
Hexachlorocyclopentadiene	ug/kg	ND	340	ND	1700	ND	3600	ND	3400
Hexachloroethane	ug/kg	ND	340	ND	1700	ND	3600	ND	3400
Indeno(1,2,3-cd)pyrene	ug/kg	ND	340	ND	1700	ND	3600	2200 J	3400
Isophorone	ug/kg	ND	340	ND	1700	ND	3600	ND	3400
2-Methylnaphthalene	ug/kg	ND	340	ND	1700	ND	3600	ND	3400
2-Methylphenol	ug/kg	ND	340	ND	1700	ND	3600	ND	3400
4-Methylphenol	ug/kg	ND	340	ND	1700	ND	3600	ND	3400
Naphthalene	ug/kg	ND	340	ND	1700	ND	3600	ND	3400
2-Nitroaniline	ug/kg	ND	1600	ND	8400	ND	18000	ND	17000
3-Nitroaniline	ug/kg	ND	1600	ND	8400	ND	18000	ND	17000
4-Nitroaniline	ug/kg	ND	1600	ND	8400	ND	18000	ND	17000
Nitrobenzene	ug/kg	ND	340	ND	1700	ND	3600	ND	3400
2-Nitrophenol	ug/kg	ND	1600	ND	8400	ND	18000	ND	17000
4-Nitrophenol	ug/kg	ND	340	ND	1700	ND	3600	ND	3400
N-nitrosodiphenylamine	ug/kg	ND	340	ND	1700	ND	3600	ND	3400
N-Nitroso-Di-n-propylamine	ug/kg	ND	340	ND	1700	ND	3600	ND	3400
Pentachlorophenol	ug/kg	ND	1600	ND	8400	ND	18000	ND	17000
Phenanthrene	ug/kg	ND	340	910 J	1700	1900 J	3600	21000	3400
Phenol	ug/kg	ND	340	ND	1700	ND	3600	ND	3400
Pyrene	ug/kg	ND	340	870 J	1700	1400 J	3600	15000	3400
1,2,4-Trichlorobenzene	ug/kg	ND	340	ND	1700	ND	3600	ND	3400
2,4,5-Trichlorophenol	ug/kg	ND	830	ND	4200	ND	8800	ND	8300
2,4,6-Trichlorophenol	ug/kg	ND	340	ND	1700	ND	3600	ND	3400
1,2,3,4,5-Pentachlorobenzene	%	94	50-200	86	50-200	95	50-200	101	50-200
1,4-Dichlorobenzene-D4	%	93	50-200	84	50-200	94	50-200	98	50-200
Naphthalene-D8	%	96	50-200	86	50-200	94	50-200	96	50-200
Acenaphthene-D10	%	100	50-200	89	50-200	97	50-200	98	50-200
Phenanthrene-D10	%	92	50-200	84	50-200	96	50-200	119	50-200
Chrysene-D12	%	122	50-200	120	50-200	136	50-200	140	50-200
Perylene-D12	%	82	30-127	77	30-127	72	30-127	57	30-127
Nitrobenzene-D5	%	88	36-138	90	36-138	93	36-138	79	36-138
2-Fluorobiphenyl	%	101	41-167	100	41-167	98	41-167	74	41-167
p-Terphenyl-D14	%	81	34-120	82	34-120	78	34-120	64	34-120
Phenol-D5	%	78	26-120	78	26-120	77	26-120	61	26-120
2-Fluorophenol	%	92	42-140	76	42-140	68	42-140	59	42-140
2,4,6-Tribromophenol	%								

NA = Not Applicable ND = Not Detected

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

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Client ID Job No Sample Date	Lab ID	SS-26 DEEP A04-9569 09/30/2004	A4956930	SS-3 A04-9569 09/30/2004	A4956904	SS-4 A04-9569 09/30/2004	A4956905	SS-4 DEEP A04-9569 09/30/2004	A4956906
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acenaphthene	ug/kg	ND	3900	ND	1800	ND	1700	ND	1900
Acenaphthylene	ug/kg	ND	3900	ND	1800	ND	1700	ND	1900
Acetophenone	ug/kg	ND	3900	ND	1800	ND	1700	ND	1900
Anthracene	ug/kg	ND	3900	ND	1800	ND	1700	ND	1900
Atrazine	ug/kg	ND	3900	ND	1800	ND	1700	ND	1900
Benzaldehyde	ug/kg	ND	3900	ND	1800	ND	1700	ND	1900
Benzo(a)anthracene	ug/kg	2900 J	3900	ND	1800	ND	1700	ND	1900
Benzo(b)fluoranthene	ug/kg	3200 J	3900	ND	1800	ND	1700	ND	1900
Benzo(k)fluoranthene	ug/kg	2200 J	3900	ND	1800	ND	1700	ND	1900
Benzo(ghi)perylene	ug/kg	ND	3900	ND	1800	ND	1700	ND	1900
Benzo(a)pyrene	ug/kg	2500 J	3900	ND	1800	ND	1700	ND	1900
Benzoic acid	ug/kg	ND	57000	ND	26000	ND	24000	ND	28000
Benzyl alcohol	ug/kg	ND	3900	ND	1800	ND	1700	ND	1900
Biphenyl	ug/kg	ND	3900	ND	1800	ND	1700	ND	1900
Bis(2-chloroethoxy) methane	ug/kg	ND	3900	ND	1800	ND	1700	ND	1900
Bis(2-chloroethyl) ether	ug/kg	ND	3900	ND	1800	ND	1700	ND	1900
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	3900	ND	1800	ND	1700	ND	1900
Bis(2-ethylhexyl) phthalate	ug/kg	ND	3900	ND	1800	ND	1700	ND	1900
4-Bromophenyl phenyl ether	ug/kg	ND	3900	ND	1800	ND	1700	ND	1900
Butyl benzyl phthalate	ug/kg	ND	3900	ND	1800	ND	1700	ND	1900
Caprolactam	ug/kg	ND	3900	ND	1800	ND	1700	ND	1900
4-Chloroaniline	ug/kg	ND	3900	ND	1800	ND	1700	ND	1900
4-Chloro-3-methylphenol	ug/kg	ND	3900	ND	1800	ND	1700	ND	1900
2-Chloronaphthalene	ug/kg	ND	3900	ND	1800	ND	1700	ND	1900
2-Chlorophenol	ug/kg	ND	3900	ND	1800	ND	1700	ND	1900
4-Chlorophenyl phenyl ether	ug/kg	ND	3900	ND	1800	ND	1700	ND	1900
Chrysene	ug/kg	3000 J	3900	ND	1800	ND	1700	ND	1900
Dibenzo(a,h)anthracene	ug/kg	ND	3900	ND	1800	ND	1700	ND	1900
Dibenzofuran	ug/kg	ND	3900	ND	1800	ND	1700	ND	1900
Di-n-butyl phthalate	ug/kg	ND	3900	ND	1800	ND	1700	ND	1900
1,2-Dichlorobenzene	ug/kg	ND	3900	ND	1800	ND	1700	ND	1900
1,3-Dichlorobenzene	ug/kg	ND	3900	ND	1800	ND	1700	ND	1900
1,4-Dichlorobenzene	ug/kg	ND	3900	ND	1800	ND	1700	ND	1900
3,3'-Dichlorobenzidine	ug/kg	ND	7900	ND	3600	ND	3400	ND	3900
2,4-Dichlorophenol	ug/kg	ND	3900	ND	1800	ND	1700	ND	1900
Diethyl phthalate	ug/kg	ND	3900	ND	1800	ND	1700	ND	1900
2,4-Dimethylphenol	ug/kg	ND	3900	ND	1800	ND	1700	ND	1900
Dimethyl phthalate	ug/kg	ND	3900	ND	1800	ND	1700	ND	1900
4,6-Dinitro-2-methylphenol	ug/kg	ND	19000	ND	8800	ND	8200	ND	9400
2,4-Dinitrophenol	ug/kg	ND	19000	ND	8800	ND	8200	ND	9400
2,6-Dinitrotoluene	ug/kg	ND	3900	ND	1800	ND	1700	ND	1900
Di-n-octyl phthalate	ug/kg	ND	5300	ND	2500	ND	2300	ND	2600

NA = Not Applicable ND = Not Detected

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

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Client ID Job No Sample Date	Lab ID	SS-26 DEEP A04-9569 09/30/2004	A4956930	SS-3 A04-9569 09/30/2004	A4956904	SS-4 A04-9569 09/30/2004	A4956905	SS-4 DEEP A04-9569 09/30/2004	A4956906
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Fluoranthene	ug/kg	5200	3900	1000 J	1800	ND	1700	920 J	1900
Fluorene	ug/kg	ND	3900	ND	1800	ND	1700	ND	1900
Hexachlorobenzene	ug/kg	ND	3900	ND	1800	ND	1700	ND	1900
Hexachlorobutadiene	ug/kg	ND	3900	ND	1800	ND	1700	ND	1900
Hexachlorocyclopentadiene	ug/kg	ND	3900	ND	1800	ND	1700	ND	1900
Hexachloroethane	ug/kg	ND	3900	ND	1800	ND	1700	ND	1900
Indeno(1,2,3-cd)pyrene	ug/kg	ND	3900	ND	1800	ND	1700	ND	1900
Isophorone	ug/kg	ND	3900	ND	1800	ND	1700	ND	1900
2-Methylnaphthalene	ug/kg	ND	3900	ND	1800	ND	1700	ND	1900
2-Methylphenol	ug/kg	ND	3900	ND	1800	ND	1700	ND	1900
4-Methylphenol	ug/kg	ND	3900	ND	1800	ND	1700	ND	1900
Naphthalene	ug/kg	ND	3900	ND	1800	ND	1700	ND	1900
2-Nitroaniline	ug/kg	ND	19000	ND	8800	ND	8200	ND	9400
3-Nitroaniline	ug/kg	ND	19000	ND	8800	ND	8200	ND	9400
4-Nitroaniline	ug/kg	ND	19000	ND	8800	ND	8200	ND	9400
Nitrobenzene	ug/kg	ND	3900	ND	1800	ND	1700	ND	1900
2-Nitrophenol	ug/kg	ND	3900	ND	1800	ND	1700	ND	1900
4-Nitrophenol	ug/kg	ND	19000	ND	8800	ND	8200	ND	9400
N-Nitrosodiphenylamine	ug/kg	ND	3900	ND	1800	ND	1700	ND	1900
N-Nitroso-Di-n-propylamine	ug/kg	ND	3900	ND	1800	ND	1700	ND	1900
Pentachlorophenol	ug/kg	ND	19000	ND	8800	ND	8200	ND	9400
Phenanthrene	ug/kg	3000 J	3900	ND	1800	ND	1700	580 J	1900
Phenol	ug/kg	ND	3900	ND	1800	ND	1700	ND	1900
Pyrene	ug/kg	3300 J	3900	850 J	1800	ND	1700	780 J	1900
1,2,4-Trichlorobenzene	ug/kg	ND	3900	ND	1800	ND	1700	ND	1900
2,4,5-Trichlorophenol	ug/kg	ND	9600	ND	4400	ND	4100	ND	4700
2,4,6-Trichlorophenol	ug/kg	ND	3900	ND	1800	ND	1700	ND	1900
1,4-Dichlorobenzene-D4	%	96	50-200	114	50-200	119	50-200	121	50-200
Naphthalene-D8	%	93	50-200	114	50-200	119	50-200	122	50-200
Acenaphthene-D10	%	89	50-200	117	50-200	122	50-200	126	50-200
Phenanthrene-D10	%	90	50-200	119	50-200	124	50-200	129	50-200
Chrysene-D12	%	107	50-200	124	50-200	124	50-200	130	50-200
Perylene-D12	%	129	50-200	137	50-200	134	50-200	142	50-200
Nitrobenzene-D5	%	65	30-127	76	30-127	74	30-127	81	30-127
2-Fluorobiphenyl	%	88	36-138	87	36-138	87	36-138	93	36-138
p-Terphenyl-d14	%	77	41-167	106	41-167	110	41-167	116	41-167
Phenol-D5	%	71	34-120	85	34-120	82	34-120	94	34-120
2-Fluorophenol	%	66	26-120	70	26-120	69	26-120	75	26-120
2,4,6-Tribromophenol	%	62	42-140	79	42-140	82	42-140	91	42-140

NA = Not Applicable ND = Not Detected

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

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Client ID Job No Sample Date	Lab ID	SS-5 A04-9569 09/30/2004	A4956907	SS-6 A04-9569 09/30/2004	A4956908	SS-7 A04-9569 09/30/2004	A4956909	SS-8 A04-9569 09/30/2004	A4956910
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acenaphthene	UG/KG	ND	350	ND	360	ND	3400	ND	340
Acenaphthylene	UG/KG	ND	350	ND	360	ND	3400	ND	340
Acetophenone	UG/KG	ND	350	ND	360	ND	3400	ND	340
Anthracene	UG/KG	ND	350	ND	360	ND	3400	ND	340
Atrazine	UG/KG	ND	350	ND	360	ND	3400	ND	340
Benzaldehyde	UG/KG	ND	350	ND	360	ND	3400	ND	340
Benzo(a)anthracene	UG/KG	ND	350	ND	360	2100 J	3400	ND	340
Benzo(b)fluoranthene	UG/KG	ND	350	ND	360	1800 J	3400	ND	340
Benzo(k)fluoranthene	UG/KG	ND	350	ND	360	ND	3400	ND	340
Benzo(ghi)perylene	UG/KG	ND	350	ND	360	ND	3400	ND	340
Benzo(a)pyrene	UG/KG	ND	350	ND	360	1900 J	3400	ND	340
Benzoic acid	UG/KG	ND	5200	ND	5200	ND	50000	ND	4900
Benzyl alcohol	UG/KG	ND	350	ND	360	ND	3400	ND	340
Biphenyl	UG/KG	ND	350	ND	360	ND	3400	ND	340
Bis(2-chloroethoxy) methane	UG/KG	ND	350	ND	360	ND	3400	ND	340
Bis(2-chloroethyl) ether	UG/KG	ND	350	ND	360	ND	3400	ND	340
2,2'-Oxybis(1-chloropropane)	UG/KG	ND	350	ND	360	ND	3400	ND	340
Bis(2-ethylhexyl) phthalate	UG/KG	ND	350	ND	360	ND	3400	ND	340
4-Bromophenyl phenyl ether	UG/KG	ND	350	ND	360	ND	3400	ND	340
Butyl benzyl phthalate	UG/KG	ND	350	ND	360	ND	3400	ND	340
Caprolactam	UG/KG	ND	350	ND	360	ND	3400	ND	340
4-Chloroaniline	UG/KG	ND	350	ND	360	ND	3400	ND	340
4-Chloro-3-methylphenol	UG/KG	ND	350	ND	360	ND	3400	ND	340
2-Chloronaphthalene	UG/KG	ND	350	ND	360	ND	3400	ND	340
2-Chlorophenol	UG/KG	ND	350	ND	360	ND	3400	ND	340
4-Chlorophenyl phenyl ether	UG/KG	ND	350	ND	360	2100 J	3400	ND	340
Chrysene	UG/KG	ND	350	ND	360	ND	3400	ND	340
Dibenzo(a,h)anthracene	UG/KG	ND	350	ND	360	ND	3400	ND	340
Dibenzofuran	UG/KG	ND	350	ND	360	ND	3400	ND	340
Di-n-butyl phthalate	UG/KG	ND	350	ND	360	ND	3400	ND	340
1,2-Dichlorobenzene	UG/KG	ND	350	ND	360	ND	3400	ND	340
1,3-Dichlorobenzene	UG/KG	ND	350	ND	360	ND	3400	ND	340
1,4-Dichlorobenzene	UG/KG	ND	350	ND	360	ND	3400	ND	340
3,3'-Dichlorobenzidine	UG/KG	ND	710	ND	720	ND	6800	ND	680
2,4-Dichlorophenol	UG/KG	ND	350	ND	360	ND	3400	ND	340
Diethyl phthalate	UG/KG	ND	350	ND	360	ND	3400	ND	340
2,4-Dimethylphenol	UG/KG	ND	350	ND	360	ND	3400	ND	340
Dimethyl phthalate	UG/KG	ND	350	ND	360	ND	3400	ND	340
4,6-Dinitro-2-methylphenol	UG/KG	ND	1700	ND	1700	ND	16000	ND	1600
2,4-Dinitrophenol	UG/KG	ND	1700	ND	1700	ND	16000	ND	1600
2,4-Dinitrotoluene	UG/KG	ND	350	ND	360	ND	3400	ND	340
2,6-Dinitrotoluene	UG/KG	ND	350	ND	360	ND	3400	ND	340
Di-n-octyl phthalate	UG/KG	ND	480	ND	480	ND	4600	ND	460

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

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Client ID Job No Sample Date	Lab ID	SS-5 A04-9569 09/30/2004	A4956907	SS-6 A04-9569 09/30/2004	A4956908	SS-7 A04-9569 09/30/2004	A4956909	SS-8 A04-9569 09/30/2004	A4956910
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Fluoranthene	UG/KG	240 J	350	ND	360	4200	3400	170 J	340
Fluorene	UG/KG	ND	350	ND	360	ND	3400	ND	340
Hexachlorobenzene	UG/KG	ND	350	ND	360	ND	3400	ND	340
Hexachlorobutadiene	UG/KG	ND	350	ND	360	ND	3400	ND	340
Hexachlorocyclopentadiene	UG/KG	ND	350	ND	360	ND	3400	ND	340
Hexachloroethane	UG/KG	ND	350	ND	360	ND	3400	ND	340
Indeno(1,2,3-cd)pyrene	UG/KG	ND	350	ND	360	ND	3400	ND	340
Isophorone	UG/KG	ND	350	ND	360	ND	3400	ND	340
2-Methylnaphthalene	UG/KG	ND	350	ND	360	ND	3400	ND	340
2-Methylphenol	UG/KG	ND	350	ND	360	ND	3400	ND	340
4-Methylphenol	UG/KG	ND	350	ND	360	ND	3400	ND	340
Naphthalene	UG/KG	ND	350	ND	360	ND	3400	ND	340
2-Nitroaniline	UG/KG	ND	1700	ND	1700	ND	16000	ND	1600
3-Nitroaniline	UG/KG	ND	1700	ND	1700	ND	16000	ND	1600
4-Nitroaniline	UG/KG	ND	350	ND	360	ND	3400	ND	340
Nitrobenzene	UG/KG	ND	350	ND	360	ND	3400	ND	340
2-Nitrophenol	UG/KG	ND	1700	ND	1700	ND	16000	ND	1600
4-Nitrophenol	UG/KG	ND	350	ND	360	ND	3400	ND	340
N-Nitrosodiphenylamine	UG/KG	ND	350	ND	360	ND	3400	ND	340
N-Nitroso-di-n-propylamine	UG/KG	ND	350	ND	360	ND	3400	ND	340
Pentachlorophenol	UG/KG	ND	1700	ND	1700	ND	16000	ND	1600
Phenanthrene	UG/KG	160 J	350	ND	360	3200 J	3400	ND	340
Phenol	UG/KG	ND	350	ND	360	ND	3400	ND	340
Pyrene	UG/KG	210 J	350	ND	360	3500	3400	150 J	340
1,2,4-Trichlorobenzene	UG/KG	ND	350	ND	360	ND	3400	ND	340
2,4,5-Trichlorophenol	UG/KG	ND	860	ND	870	ND	8300	ND	820
2,4,6-Trichlorophenol	UG/KG	ND	350	ND	360	ND	3400	ND	340
IS/SURROGATE(S)									
1,4-Dichlorobenzene-D4	%	110	50-200	117	50-200	131	50-200	138	50-200
Naphthalene-D8	%	112	50-200	118	50-200	134	50-200	140	50-200
Acenaphthene-D10	%	116	50-200	124	50-200	139	50-200	154	50-200
Phenanthrene-D10	%	118	50-200	124	50-200	137	50-200	150	50-200
Chrysene-D12	%	115	50-200	125	50-200	133	50-200	143	50-200
Perylene-D12	%	127	50-200	136	50-200	149	50-200	159	50-200
Nitrobenzene-D5	%	78	30-127	84	30-127	82	30-127	70	30-127
2-Fluorobiphenyl	%	79	36-138	84	36-138	97	36-138	71	36-138
p-Terphenyl-d14	%	91	41-167	93	41-167	123	41-167	82	41-167
Phenol-D5	%	86	34-120	89	34-120	97	34-120	72	34-120
2-Fluorophenol	%	73	26-120	77	26-120	80	26-120	60	26-120
2,4,6-Tribromophenol	%	86	42-140	92	42-140	89	42-140	76	42-140

NA = Not Applicable ND = Not Detected

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

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Client ID Job No Sample Date	Lab ID	Units	SS-9 A04-9569 09/30/2004	A4956911	SS-9 DEEP A04-9569 09/30/2004	A4956912	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acenaphthene		UG/KG	ND	360	ND	380	NA	380	NA	
Acenaphthylene		UG/KG	ND	360	ND	380	NA	380	NA	
Acetophenone		UG/KG	ND	360	ND	380	NA	380	NA	
Anthracene		UG/KG	ND	360	ND	380	NA	380	NA	
Atrazine		UG/KG	ND	360	ND	380	NA	380	NA	
Benzaldehyde		UG/KG	ND	360	ND	380	NA	380	NA	
Benzo(a)anthracene		UG/KG	210 J	360	ND	380	NA	380	NA	
Benzo(b)fluoranthene		UG/KG	220 J	360	ND	380	NA	380	NA	
Benzo(k)fluoranthene		UG/KG	ND	360	ND	380	NA	380	NA	
Benzo(ghi)perylene		UG/KG	ND	360	ND	380	NA	380	NA	
Benzo(a)pyrene		UG/KG	210 J	360	ND	380	NA	380	NA	
Benzoic acid		UG/KG	ND	5300	ND	5600	NA	5600	NA	
Benzyl alcohol		UG/KG	ND	360	ND	380	NA	380	NA	
Biphenyl		UG/KG	ND	360	ND	380	NA	380	NA	
Bis(2-chloroethoxy) methane		UG/KG	ND	360	ND	380	NA	380	NA	
Bis(2-chloroethyl) ether		UG/KG	ND	360	ND	380	NA	380	NA	
2,2'-oxybis(1-chloropropane)		UG/KG	ND	360	ND	380	NA	380	NA	
Bis(2-ethylhexyl) phthalate		UG/KG	ND	360	180 J	380	NA	380	NA	
4-Bromophenyl phenyl ether		UG/KG	ND	360	ND	380	NA	380	NA	
Butyl benzyl phthalate		UG/KG	ND	360	ND	380	NA	380	NA	
Caprolactam		UG/KG	ND	360	ND	380	NA	380	NA	
4-Chloroaniline		UG/KG	ND	360	ND	380	NA	380	NA	
4-Chloro-3-methylphenol		UG/KG	ND	360	ND	380	NA	380	NA	
2-Chloronaphthalene		UG/KG	ND	360	ND	380	NA	380	NA	
2-Chlorophenol		UG/KG	ND	360	ND	380	NA	380	NA	
4-Chlorophenyl phenyl ether		UG/KG	ND	360	ND	380	NA	380	NA	
Chrysene		UG/KG	230 J	360	ND	380	NA	380	NA	
Dibenzo(a,h)anthracene		UG/KG	ND	360	ND	380	NA	380	NA	
Dibenzofuran		UG/KG	ND	360	ND	380	NA	380	NA	
Di-n-butyl phthalate		UG/KG	ND	360	ND	380	NA	380	NA	
1,2-Dichlorobenzene		UG/KG	ND	360	ND	380	NA	380	NA	
1,3-Dichlorobenzene		UG/KG	ND	360	ND	380	NA	380	NA	
1,4-Dichlorobenzene		UG/KG	ND	360	ND	380	NA	380	NA	
3,3'-Dichlorobenzidine		UG/KG	ND	730	ND	760	NA	760	NA	
2,4-Dichlorophenol		UG/KG	ND	360	ND	380	NA	380	NA	
Diethyl phthalate		UG/KG	ND	360	ND	380	NA	380	NA	
2,4-Dimethylphenol		UG/KG	ND	360	ND	380	NA	380	NA	
Dimethyl phthalate		UG/KG	ND	360	ND	380	NA	380	NA	
4,6-Dinitro-2-methylphenol		UG/KG	ND	1800	ND	1800	NA	1800	NA	
4,6-Dinitrophenol		UG/KG	ND	1800	ND	1800	NA	1800	NA	
2,4-Dinitrotoluene		UG/KG	ND	360	ND	380	NA	380	NA	
2,6-Dinitrotoluene		UG/KG	ND	360	ND	380	NA	380	NA	
Di-n-octyl phthalate		UG/KG	ND	490	ND	520	NA	520	NA	

NA = Not Applicable ND = Not Detected

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Client ID Job No Sample Date	Lab ID	SS-1 A04-9569 09/30/2004	A4956901	SS-10 A04-9569 09/30/2004	A4956913	SS-11 A04-9569 09/30/2004	A4956914	SS-12 A04-9569 09/30/2004	A4956915
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aldrin	UG/KG	ND	1.9	ND	1.9	ND	18	ND	1.7
alpha-BHC	UG/KG	ND	1.9	ND	1.9	ND	18	ND	1.7
beta-BHC	UG/KG	ND	1.9	ND	1.9	ND	18	ND	1.7
gamma-BHC (Lindane)	UG/KG	ND	1.9	ND	1.9	ND	18	ND	1.7
delta-BHC	UG/KG	ND	1.9	ND	1.9	ND	18	ND	1.7
Chlordane	UG/KG	ND	1.9	ND	1.9	ND	180	ND	1.7
4,4'-DDD	UG/KG	2.3	1.9	ND	1.9	ND	18	5.8	1.7
4,4'-DDE	UG/KG	4.1	1.9	1.5 J	1.9	ND	18	4.6	1.7
4,4'-DDT	UG/KG	8.6	1.9	0.64 J	1.9	41	18	5.1	1.7
Dieldrin	UG/KG	1.0 J	1.9	1.2 J	1.9	9.9 J	18	1.0 J	1.7
Endosulfan I	UG/KG	ND	1.9	ND	1.9	ND	18	ND	1.7
Endosulfan II	UG/KG	ND	1.9	ND	1.9	ND	18	ND	1.7
Endosulfan Sulfate	UG/KG	ND	1.9	ND	1.9	ND	18	ND	1.7
Endrin	UG/KG	ND	1.9	ND	1.9	ND	18	ND	1.7
Endrin ketone	UG/KG	ND	1.9	ND	1.9	60	18	ND	1.7
Endrin aldehyde	UG/KG	3.1	1.9	ND	1.9	42	18	ND	1.7
Heptachlor	UG/KG	ND	1.9	ND	1.9	ND	18	ND	1.7
Heptachlor epoxide	UG/KG	ND	1.9	ND	1.9	ND	18	ND	1.7
Methoxychlor	UG/KG	ND	1.9	ND	1.9	22	18	ND	1.7
Toxaphene	UG/KG	ND	38	ND	37	ND	350	ND	34
SURROGATE(S)									
Tetrachloro-m-xylene	%	102	38-132	65	38-132	0 D	38-132	91	38-132
Decachlorobiphenyl	%	139	46-151	68	46-151	0 D	46-151	98	46-151

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Client ID Job No Sample Date	Lab ID	SS-13 A04-9569 09/30/2004	A4956916	SS-14 A04-9569 09/30/2004	A4956917	SS-15 A04-9569 09/30/2004	A4956918	SS-16 A04-9569 09/30/2004	A4956919
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aldrin	UG/KG	ND	1.9	ND	19	ND	17	ND	1.9
alpha-BHC	UG/KG	ND	1.9	ND	19	ND	17	ND	1.9
beta-BHC	UG/KG	1.5 J	1.9	ND	19	ND	17	0.46 J	1.9
gamma-BHC (Lindane)	UG/KG	ND	1.9	ND	19	ND	17	ND	1.9
delta-BHC	UG/KG	ND	1.9	ND	19	ND	17	ND	1.9
Chlordane	UG/KG	ND	19	ND	190	ND	170	ND	19
4,4'-DDD	UG/KG	1.0 J	1.9	ND	19	ND	17	1.8 J	1.9
4,4'-DDE	UG/KG	0.65 J	1.9	ND	19	ND	17	0.84 J	1.9
4,4'-DDT	UG/KG	2.4	1.9	ND	19	19	17	5.2	1.9
Dieldrin	UG/KG	0.88 J	1.9	ND	19	ND	17	1.7 J	1.9
Endosulfan I	UG/KG	ND	1.9	ND	19	ND	17	ND	1.9
Endosulfan II	UG/KG	ND	1.9	ND	19	ND	17	ND	1.9
Endosulfan Sulfate	UG/KG	ND	1.9	ND	19	ND	17	ND	1.9
Endrin	UG/KG	ND	1.9	ND	19	4.4 J	17	ND	1.9
Endrin ketone	UG/KG	2.0	1.9	ND	19	13 J	17	2.2	1.9
Endrin aldehyde	UG/KG	2.9	1.9	ND	19	ND	17	1.4 J	1.9
Heptachlor	UG/KG	ND	1.9	ND	19	ND	17	ND	1.9
Heptachlor epoxide	UG/KG	ND	1.9	ND	19	ND	17	ND	1.9
Methoxychlor	UG/KG	ND	1.9	ND	19	ND	17	ND	1.9
Toxaphene	UG/KG	ND	38	ND	370	ND	340	ND	38
SURROGATE(S)									
Tetrachloro-m-xylene	%	50	38-132	0 D	38-132	0 D	38-132	58	38-132
Decachlorobiphenyl	%	142	46-151	0 D	46-151	0 D	46-151	144	46-151

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Client ID	Lab ID	SS-17 A04-9569 09/30/2004	SS-18 A04-9569 09/30/2004	SS-19 A04-9569 09/30/2004	SS-2 A04-9569 09/30/2004	A4956902
Job No						
Sample Date						
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Reporting Limit
Aldrin	UG/KG	ND	1.8	ND	1.8	1.8
alpha-BHC	UG/KG	ND	1.8	ND	1.8	1.8
beta-BHC	UG/KG	ND	1.8	0.46 J	1.8	1.8
gamma-BHC (Lindane)	UG/KG	ND	1.8	ND	1.8	1.8
delta-BHC	UG/KG	ND	1.8	0.49 J	1.8	1.8
Chlordane	UG/KG	ND	18	ND	18	18
4,4'-DDD	UG/KG	0.61 J	1.8	0.63 J	1.8	1.8
4,4'-DDE	UG/KG	1.3 J	1.8	0.63 J	1.8	1.8
4,4'-DDT	UG/KG	3.2	1.8	3.1	1.8	1.8
Dieldrin	UG/KG	0.68 J	1.8	1.9	1.8	1.8
Endosulfan I	UG/KG	ND	1.8	ND	1.8	1.8
Endosulfan II	UG/KG	ND	1.8	ND	1.8	1.8
Endosulfan Sulfate	UG/KG	ND	1.8	ND	1.8	1.8
Endrin	UG/KG	ND	1.8	ND	1.8	1.8
Endrin ketone	UG/KG	1.2 J	1.8	1.8	1.8	1.8
Endrin aldehyde	UG/KG	1.0 J	1.8	1.6 J	1.8	1.8
Heptachlor	UG/KG	ND	1.8	ND	1.8	1.8
Heptachlor epoxide	UG/KG	ND	1.8	ND	1.8	1.8
Methoxychlor	UG/KG	ND	1.8	ND	1.8	1.8
Toxaphene	UG/KG	ND	35	ND	35	35
SURROGATE(S)						
Tetrachloro-m-xylene	%	93	38-132	98	38-132	38-132
Decachlorobiphenyl	%	126	46-151	111	46-151	46-151

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Client ID Job No Sample Date	Lab ID	Units	SS-2 DEEP A04-9569 09/30/2004	Reporting Limit	SS-20 A04-9569 09/30/2004	Reporting Limit	SS-20 DEEP A04-9569 09/30/2004	Reporting Limit	SS-21 A04-9569 09/30/2004	Reporting Limit
Analyte			Sample Value		Sample Value		Sample Value		Sample Value	
Aldrin		ug/kg	ND	18	ND	2.0	ND	1.8	ND	1.9
alpha-BHC		ug/kg	ND	18	ND	2.0	0.67 J	1.8	ND	1.9
beta-BHC		ug/kg	ND	18	0.59 J	2.0	0.74 J	1.8	ND	1.9
gamma-BHC (Lindane)		ug/kg	ND	18	ND	2.0	ND	1.8	ND	1.9
delta-BHC		ug/kg	ND	18	ND	2.0	0.78 J	1.8	ND	1.9
Chlordane		ug/kg	ND	180	ND	2.0	ND	18	ND	19
4,4'-DDD		ug/kg	ND	18	3.4	2.0	2.0	1.8	0.69 J	1.9
4,4'-DDE		ug/kg	ND	18	ND	2.0	ND	1.8	1.1 J	1.9
4,4'-DDT		ug/kg	ND	18	14	2.0	11	1.8	1.9	1.9
Dieldrin		ug/kg	10 J	18	9.4	2.0	8.1	1.8	ND	1.9
Endosulfan I		ug/kg	ND	18	1.2 J	2.0	0.71 J	1.8	ND	1.9
Endosulfan II		ug/kg	ND	18	1.6 J	2.0	ND	1.8	ND	1.9
Endosulfan Sulfate		ug/kg	ND	18	ND	2.0	ND	1.8	ND	1.9
Endrin		ug/kg	ND	18	ND	2.0	ND	1.8	ND	1.9
Endrin ketone		ug/kg	ND	18	3.4	2.0	1.2 J	1.8	ND	1.9
Endrin aldehyde		ug/kg	ND	18	2.3	2.0	3.1	1.8	1.0 J	1.9
Heptachlor		ug/kg	ND	18	ND	2.0	ND	1.8	ND	1.9
Heptachlor epoxide		ug/kg	ND	18	ND	2.0	ND	1.8	ND	1.9
Methoxychlor		ug/kg	11 J	18	ND	2.0	8.9	1.8	ND	1.9
Toxaphene		ug/kg	ND	360	ND	39	ND	35	ND	38
SURROGATE(S)										
Tetrachloro-m-xylene		%	0 D	38-132	74	38-132	84	38-132	74	38-132
Decachlorobiphenyl		%	0 D	46-151	161 *	46-151	129	46-151	86	46-151

NA = Not Applicable ND = Not Detected

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Client ID Job No Sample Date	Lab ID	Units	SS-22 A04-9569 09/30/2004	A4956926	SS-23 A04-9569 09/30/2004	A4956927	SS-24 A04-9569 09/30/2004	A4956928	SS-25 A04-9569 09/30/2004	Reporting Limit
Analyte			Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aldrin		UG/KG	ND	1.7	ND	17	ND	18	ND	17
alpha-BHC		UG/KG	ND	1.7	ND	17	ND	18	ND	17
beta-BHC		UG/KG	ND	1.7	ND	17	ND	18	ND	17
gamma-BHC (Lindane)		UG/KG	ND	1.7	ND	17	ND	18	ND	17
delta-BHC		UG/KG	ND	1.7	ND	17	ND	18	ND	17
Chlordane		UG/KG	ND	17	ND	170	ND	180	ND	170
4,4'-DDD		UG/KG	ND	1.7	ND	17	ND	18	ND	17
4,4'-DDE		UG/KG	0.93 J	1.7	ND	17	ND	18	ND	17
4,4'-DDT		UG/KG	0.80 J	1.7	ND	17	22	18	4.5 J	17
Dieldrin		UG/KG	0.59 J	1.7	ND	17	ND	18	ND	17
Endosulfan I		UG/KG	ND	1.7	ND	17	ND	18	ND	17
Endosulfan II		UG/KG	ND	1.7	ND	17	ND	18	ND	17
Endosulfan sulfate		UG/KG	ND	1.7	ND	17	ND	18	ND	17
Endrin		UG/KG	ND	1.7	ND	17	ND	18	ND	17
Endrin ketone		UG/KG	ND	1.7	ND	17	ND	18	ND	17
Endrin aldehyde		UG/KG	0.86 J	1.7	ND	17	ND	18	ND	17
Heptachlor		UG/KG	ND	1.7	ND	17	ND	18	ND	17
Heptachlor epoxide		UG/KG	ND	1.7	ND	17	ND	18	ND	17
Methoxychlor		UG/KG	ND	1.7	ND	17	ND	18	ND	17
Toxaphene		UG/KG	ND	34	ND	340	ND	360	ND	340
SURROGATE(S)										
Tetrachloro-m-xylene	%	%	71	38-132	100	38-132	100	38-132	95	38-132
Decachlorobiphenyl	%	%	92	46-151	95	46-151	0 D	46-151	0 D	46-151

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METHOD 8081 - TCL PESTICIDES

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Client ID Job No Sample Date	Lab ID	SS-26 DEEP A04-9569 09/30/2004	SS-3 A04-9569 09/30/2004	A4956930	SS-4 A04-9569 09/30/2004	A4956905	SS-4 DEEP A04-9569 09/30/2004	A4956906
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Aldrin	ug/kg	ND	20	ND	1.8	ND	1.7	ND
alpha-BHC	ug/kg	ND	20	ND	1.8	ND	1.7	ND
beta-BHC	ug/kg	ND	20	1.0 J	1.8	ND	1.7	ND
gamma-BHC (Lindane)	ug/kg	ND	20	ND	1.8	ND	1.7	ND
delta-BHC	ug/kg	ND	20	ND	1.8	ND	1.7	ND
Chlordane	ug/kg	ND	200	ND	18	ND	17	190
4,4'-DDD	ug/kg	ND	20	ND	1.8	ND	1.7	19
4,4'-DDE	ug/kg	ND	20	4.3	1.8	2.6	1.7	19
4,4'-DDT	ug/kg	6.4 J	20	12	1.8	1.7	1.7	19
Dieldrin	ug/kg	ND	20	4.7	1.8	0.75 J	1.7	19
Endosulfan I	ug/kg	ND	20	ND	1.8	ND	1.7	19
Endosulfan II	ug/kg	ND	20	ND	1.8	ND	1.7	19
Endosulfan sulfate	ug/kg	ND	20	4.4	1.8	ND	1.7	19
Endrin	ug/kg	ND	20	ND	1.8	ND	1.7	19
Endrin ketone	ug/kg	ND	20	ND	1.8	ND	1.7	19
Endrin aldehyde	ug/kg	ND	20	2.3	1.8	ND	1.7	19
Heptachlor	ug/kg	ND	20	ND	1.8	ND	1.7	19
Heptachlor epoxide	ug/kg	ND	20	1.0 J	1.8	ND	1.7	19
Methoxychlor	ug/kg	17 J	20	ND	1.8	ND	1.7	19
Toxaphene	ug/kg	ND	400	ND	36	ND	34	380
SURROGATE(S)								
Tetrachloro-m-xylene	%	0 D	38-132	104	38-132	44	38-132	38-132
Decachlorobiphenyl	%	0 D	46-151	36 *	46-151	66	46-151	46-151

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 10/20/2004
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Gallagher Beach
Gallagher Beach

METHOD 8081 - TCL PESTICIDES

Rept: AN0326

Client ID Job No Sample Date	Lab ID	SS-5 A04-9569 09/30/2004	A4956907	SS-6 A04-9569 09/30/2004	A4956908	SS-7 A04-9569 09/30/2004	A4956909	SS-8 A04-9569 09/30/2004	A4956910
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aldrin	UG/KG	ND	1.8	ND	1.8	ND	17	ND	1.7
alpha-BHC	UG/KG	ND	1.8	ND	1.8	ND	17	ND	1.7
beta-BHC	UG/KG	ND	1.8	ND	1.8	ND	17	ND	1.7
gamma-BHC (Lindane)	UG/KG	ND	1.8	ND	1.8	ND	17	ND	1.7
delta-BHC	UG/KG	0.43 J	1.8	ND	1.8	ND	17	ND	1.7
Chlordane	UG/KG	ND	18	ND	18	ND	170	ND	17
4,4'-DDD	UG/KG	1.1 J	1.8	ND	1.8	ND	17	2.5	1.7
4,4'-DDE	UG/KG	0.61 J	1.8	1.1 J	1.8	ND	17	7.2	1.7
4,4'-DDT	UG/KG	2.2	1.8	0.84 J	1.8	ND	17	5.7	1.7
Dieldrin	UG/KG	2.4	1.8	ND	1.8	ND	17	ND	1.7
Endosulfan I	UG/KG	ND	1.8	ND	1.8	ND	17	ND	1.7
Endosulfan II	UG/KG	ND	1.8	ND	1.8	ND	17	ND	1.7
Endosulfan Sulfate	UG/KG	ND	1.8	ND	1.8	ND	17	ND	1.7
Endrin	UG/KG	ND	1.8	ND	1.8	ND	17	ND	1.7
Endrin ketone	UG/KG	0.83 J	1.8	ND	1.8	8.2 J	17	ND	1.7
Endrin aldehyde	UG/KG	1.0 J	1.8	1.3 J	1.8	ND	17	ND	1.7
Heptachlor	UG/KG	ND	1.8	ND	1.8	ND	17	ND	1.7
Heptachlor epoxide	UG/KG	ND	1.8	ND	1.8	ND	17	0.34 J	1.7
Methoxychlor	UG/KG	ND	1.8	ND	1.8	ND	17	ND	1.7
Toxaphene	UG/KG	ND	36	ND	36	ND	340	ND	34
SURROGATE(S)									
Tetrachloro-m-xylene	%	96	38-132	87	38-132	0 D	38-132	102	38-132
Decachlorobiphenyl	%	133	46-151	110	46-151	0 D	46-151	122	46-151

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 10/20/2004
Time: 10:42:39

Gallagher Beach
Gallagher Beach
METHOD 8081 - TCL PESTICIDES

Rept: AN0326

Client ID Job No Sample Date	Lab ID	SS-9 A04-9569 09/30/2004	A4956911	SS-9 DEEP A04-9569 09/30/2004	A4956912	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aldrin	UG/KG	ND	1.9	ND	2.0	NA	2.0	NA		NA	
alpha-BHC	UG/KG	ND	1.9	0.63 J	2.0	NA	2.0	NA		NA	
beta-BHC	UG/KG	ND	1.9	0.70 J	2.0	NA	2.0	NA		NA	
gamma-BHC (Lindane)	UG/KG	ND	1.9	ND	2.0	NA	2.0	NA		NA	
delta-BHC	UG/KG	ND	1.9	ND	2.0	NA	2.0	NA		NA	
Chlordane	UG/KG	ND	1.9	ND	2.0	NA	2.0	NA		NA	
4,4'-DDD	UG/KG	5.8	1.9	1.0 J	2.0	NA	2.0	NA		NA	
4,4'-DDE	UG/KG	0.60 J	1.9	0.43 J	2.0	NA	2.0	NA		NA	
4,4'-DDT	UG/KG	3.1	1.9	3.6	2.0	NA	2.0	NA		NA	
Dieldrin	UG/KG	0.89 J	1.9	0.82 J	2.0	NA	2.0	NA		NA	
Endosulfan I	UG/KG	ND	1.9	ND	2.0	NA	2.0	NA		NA	
Endosulfan II	UG/KG	1.5 J	1.9	ND	2.0	NA	2.0	NA		NA	
Endosulfan Sulfate	UG/KG	ND	1.9	ND	2.0	NA	2.0	NA		NA	
Endrin	UG/KG	ND	1.9	ND	2.0	NA	2.0	NA		NA	
Endrin ketone	UG/KG	1.0 J	1.9	1.4 J	2.0	NA	2.0	NA		NA	
Endrin aldehyde	UG/KG	2.3	1.9	ND	2.0	NA	2.0	NA		NA	
Heptachlor	UG/KG	ND	1.9	ND	2.0	NA	2.0	NA		NA	
Heptachlor epoxide	UG/KG	ND	1.9	ND	2.0	NA	2.0	NA		NA	
Methoxychlor	UG/KG	ND	1.9	ND	2.0	NA	2.0	NA		NA	
Toxaphene	UG/KG	ND	37	ND	39	NA		NA		NA	
SURROGATE(S)											
Tetrachloro-m-xylene	%	85	38-132	94	38-132	NA		NA		NA	
Decachlorobiphenyl	%	113	46-151	139	46-151	NA		NA		NA	

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NA = Not Applicable ND = Not Detected

STL Buffalo

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Gallagher Beach
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METHOD 8082 - POLYCHLORINATED BIPHENYLS

Rept: AN0326

Client ID Job No Sample Date	Lab ID	SS-1 A04-9569 09/30/2004	A4956901	SS-10 A04-9569 09/30/2004	A4956913	SS-11 A04-9569 09/30/2004	A4956914	SS-12 A04-9569 09/30/2004	A4956915
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	UG/KG	ND	19	ND	19	ND	17	ND	17
Aroclor 1221	UG/KG	ND	19	ND	19	ND	17	ND	17
Aroclor 1232	UG/KG	ND	19	ND	19	ND	17	ND	17
Aroclor 1242	UG/KG	ND	19	ND	19	ND	17	ND	17
Aroclor 1248	UG/KG	24	19	20	19	40	17	12 J	17
Aroclor 1254	UG/KG	36	19	14 J	19	96	17	26	17
Aroclor 1260	UG/KG	ND	19	9.4 J	19	74	17	53	17
SURROGATE(S)									
Tetrachloro-m-xylene	%	65	32-148	88	32-148	92	32-148	83	32-148
Decachlorobiphenyl	%	80	36-153	76	36-153	84	36-153	65	36-153

Client ID Job No Sample Date	Lab ID	SS-13 A04-9569 09/30/2004	A4956916	SS-14 A04-9569 09/30/2004	A4956917	SS-15 A04-9569 09/30/2004	A4956918	SS-16 A04-9569 09/30/2004	A4956919
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	UG/KG	ND	19	ND	19	ND	17	ND	19
Aroclor 1221	UG/KG	ND	19	ND	19	ND	17	ND	19
Aroclor 1232	UG/KG	ND	19	ND	19	ND	17	ND	19
Aroclor 1242	UG/KG	ND	19	ND	19	ND	17	ND	19
Aroclor 1248	UG/KG	11 J	19	ND	19	31	17	19	19
Aroclor 1254	UG/KG	ND	19	36	19	48	17	38	19
Aroclor 1260	UG/KG	ND	19	ND	19	49	17	32	19
SURROGATE(S)									
Tetrachloro-m-xylene	%	88	32-148	82	32-148	78	32-148	88	32-148
Decachlorobiphenyl	%	74	36-153	76	36-153	74	36-153	78	36-153

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METHOD 8082 - POLYCHLORINATED BIPHENYLS

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Client ID Job No Sample Date	Lab ID	SS-17 A04-9569 09/30/2004	A4956920	SS-18 A04-9569 09/30/2004	A4956921	SS-19 A04-9569 09/30/2004	A4956922	SS-20 A04-9569 09/30/2004	SS-21 A04-9569 09/30/2004
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	UG/KG	ND	18	ND	18	ND	18	ND	18
Aroclor 1221	UG/KG	ND	18	ND	18	ND	18	ND	18
Aroclor 1232	UG/KG	ND	18	ND	18	ND	18	ND	18
Aroclor 1242	UG/KG	ND	18	ND	18	ND	18	ND	18
Aroclor 1248	UG/KG	11 J	18	9.6 J	18	8.7 J	18	34	18
Aroclor 1254	UG/KG	9.5 J	18	32	18	26	18	66	18
Aroclor 1260	UG/KG	13 J	18	33	18	27	18	ND	18
SURROGATE(S)									
Tetrachloro-m-xylene	%	86	32-148	88	32-148	84	32-148	80	32-148
Decachlorobiphenyl	%	74	36-153	124	36-153	88	36-153	96	36-153

Client ID Job No Sample Date	Lab ID	SS-2 DEEP A04-9569 09/30/2004	A4956903	SS-20 A04-9569 09/30/2004	A4956923	SS-20 DEEP A04-9569 09/30/2004	A4956924	SS-21 A04-9569 09/30/2004	A4956925
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	UG/KG	ND	18	ND	20	ND	18	ND	19
Aroclor 1221	UG/KG	ND	18	ND	20	ND	18	ND	19
Aroclor 1232	UG/KG	ND	18	ND	20	ND	18	ND	19
Aroclor 1242	UG/KG	ND	18	ND	20	ND	18	ND	19
Aroclor 1248	UG/KG	140	18	45	20	97	18	ND	19
Aroclor 1254	UG/KG	160	18	110	20	180	18	ND	19
Aroclor 1260	UG/KG	ND	18	91	20	ND	18	ND	19
SURROGATE(S)									
Tetrachloro-m-xylene	%	76	32-148	90	32-148	88	32-148	88	32-148
Decachlorobiphenyl	%	82	36-153	90	36-153	94	36-153	88	36-153

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Gallagher Beach
METHOD 8082 - POLYCHLORINATED BIPHENYLS

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Client ID Job No Sample Date	Lab ID	SS-22 A04-9569 09/30/2004	A4956926	SS-23 A04-9569 09/30/2004	A4956927	SS-24 A04-9569 09/30/2004	A4956928	SS-25 A04-9569 09/30/2004	A4956929
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	UG/KG	ND	17	ND	17	ND	18	ND	17
Aroclor 1221	UG/KG	ND	17	ND	17	ND	18	ND	17
Aroclor 1232	UG/KG	ND	17	ND	17	ND	18	ND	17
Aroclor 1242	UG/KG	ND	17	ND	17	ND	18	ND	17
Aroclor 1248	UG/KG	ND	17	5.5 J	17	ND	18	ND	17
Aroclor 1254	UG/KG	ND	17	ND	17	ND	18	20	17
Aroclor 1260	UG/KG	ND	17	ND	17	ND	18	ND	17
SURROGATE(S)									
Tetrachloro-m-Xylene	%	86	32-148	86	32-148	86	32-148	68	32-148
Decachlorobiphenyl	%	94	36-153	70	36-153	68	36-153	56	36-153

Client ID Job No Sample Date	Lab ID	SS-26 DEEP A04-9569 09/30/2004	A4956930	SS-3 A04-9569 09/30/2004	A4956904	SS-4 A04-9569 09/30/2004	A4956905	SS-4 DEEP A04-9569 09/30/2004	A4956906
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	UG/KG	ND	20	ND	18	ND	17	ND	19
Aroclor 1221	UG/KG	ND	20	ND	18	ND	17	ND	19
Aroclor 1232	UG/KG	ND	20	ND	18	ND	17	ND	19
Aroclor 1242	UG/KG	ND	20	ND	18	ND	17	ND	19
Aroclor 1248	UG/KG	ND	20	83	18	ND	17	6.4 J	19
Aroclor 1254	UG/KG	ND	20	47	18	ND	17	11 J	19
Aroclor 1260	UG/KG	20	20	ND	18	ND	17	ND	19
SURROGATE(S)									
Tetrachloro-m-Xylene	%	79	32-148	90	32-148	80	32-148	84	32-148
Decachlorobiphenyl	%	64	36-153	90	36-153	86	36-153	70	36-153

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Gallagher Beach
Gallagher Beach

METHOD 8082 - POLYCHLORINATED BIPHENYLS

Rept: AN0326

Client ID Job No Sample Date	Lab ID	SS-5 A04-9569 09/30/2004	SS-6 A04-9569 09/30/2004	SS-7 A04-9569 09/30/2004	SS-8 A04-9569 09/30/2004	A4956907	A4956908	A4956909	A4956910
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	UG/KG	ND	18	ND	18	ND	18	ND	17
Aroclor 1221	UG/KG	ND	18	ND	18	ND	18	ND	17
Aroclor 1232	UG/KG	ND	18	ND	18	ND	18	ND	17
Aroclor 1242	UG/KG	ND	18	ND	18	ND	18	ND	17
Aroclor 1248	UG/KG	ND	18	ND	18	ND	18	ND	17
Aroclor 1254	UG/KG	9.4 J	18	ND	18	22	18	ND	17
Aroclor 1260	UG/KG	10 J	18	ND	18	ND	18	ND	17
SURROGATE(S)									
Tetrachloro-m-xylene	%	86	32-148	89	32-148	81	32-148	88	32-148
Decachlorobiphenyl	%	71	36-153	80	36-153	66	36-153	89	36-153

Client ID Job No Sample Date	Lab ID	SS-9 A04-9569 09/30/2004	SS-9 DEEP A04-9569 09/30/2004	A4956911	A4956912	A4956911	A4956912	A4956911	A4956912
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	UG/KG	ND	19	ND	20	ND	20	NA	NA
Aroclor 1221	UG/KG	ND	19	ND	20	ND	20	NA	NA
Aroclor 1232	UG/KG	ND	19	ND	20	ND	20	NA	NA
Aroclor 1242	UG/KG	ND	19	ND	20	ND	20	NA	NA
Aroclor 1248	UG/KG	ND	19	ND	20	9.2 J	20	NA	NA
Aroclor 1254	UG/KG	ND	19	22	20	22	20	NA	NA
Aroclor 1260	UG/KG	ND	19	27	20	27	20	NA	NA
SURROGATE(S)									
Tetrachloro-m-xylene	%	89	32-148	90	32-148	NA	32-148	NA	NA
Decachlorobiphenyl	%	73	36-153	74	36-153	NA	36-153	NA	NA

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NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 10/20/2004
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Gallagher Beach
Gallagher Beach
TOTAL TCL METALS

Rept: AN0326

Client ID Job No Sample Date	Lab ID	SS-1 A04-9569 09/30/2004	A4956901	SS-10 A04-9569 09/30/2004	A4956913	SS-11 A04-9569 09/30/2004	A4956914	SS-12 A04-9569 09/30/2004	A4956915
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aluminum - Total	MG/KG	16000	13.3	17900	11.2	7920	9.5	12800	11.7
Antimony - Total	MG/KG	ND	20.0	ND	16.9	ND	14.3	ND	17.6
Arsenic - Total	MG/KG	5.9	2.7	6.3	2.2	8.7	1.9	9.8	2.3
Barium - Total	MG/KG	75.5	0.67	79.3	0.56	73.8	0.48	64.8	0.59
Beryllium - Total	MG/KG	0.85	0.27	1.0	0.22	0.68	0.19	0.69	0.23
Cadmium - Total	MG/KG	0.55	0.27	0.52	0.22	0.63	0.19	0.44	0.23
Calcium - Total	MG/KG	10200	13.3	11900	11.2	120000	95.4	8160	11.7
Chromium - Total	MG/KG	22.1	0.67	24.0	0.56	27.7	0.48	17.2	0.59
Cobalt - Total	MG/KG	10	0.67	13.6	0.56	5.2	0.48	8.8	0.59
Copper - Total	MG/KG	20.7	1.3	18.5	1.1	34.8	0.95	34.9	1.2
Iron - Total	MG/KG	26800	13.3	29100	11.2	18500	9.5	23500	11.7
Lead - Total	MG/KG	28.6	1.3	21.7	1.1	114	0.95	38.5	1.2
Magnesium - Total	MG/KG	4960	26.6	4970	22.5	15000	191	3520	23.5
Manganese - Total	MG/KG	526	0.27	698	0.22	486	0.19	408	0.23
Mercury - Total	MG/KG	0.076	0.023	0.061	0.023	0.23	0.021	0.082	0.020
Nickel - Total	MG/KG	28.0	0.67	31.3	0.56	14.6	0.48	24.4	0.59
Potassium - Total	MG/KG	2190	40.0	2310	33.7	1500	28.6	1510	35.2
Selenium - Total	MG/KG	ND	5.3	ND	4.5	ND	3.8	ND	4.7
Silver - Total	MG/KG	ND	0.67	ND	0.56	ND	0.48	ND	0.59
Sodium - Total	MG/KG	ND	187	210	157	237	134	ND	164
Thallium - Total	MG/KG	ND	8.0	ND	6.7	ND	5.7	ND	7.0
Vanadium - Total	MG/KG	27.3	0.67	29.0	0.56	16.2	0.48	26.0	0.59
Zinc - Total	MG/KG	104	2.7	104	2.2	114	1.9	84.7	2.3

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 10/20/2004
Time: 10:42:51

Gallagher Beach
Gallagher Beach
TOTAL TCL METALS

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Client ID Job No Sample Date	Lab ID	SS-13 A04-9569 09/30/2004	A4956916	SS-14 A04-9569 09/30/2004	A4956917	SS-15 A04-9569 09/30/2004	A4956918	SS-16 A04-9569 09/30/2004	A4956919
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aluminum - Total	MG/KG	16100	13.3	14500	10.9	15700	7.5	16000	10.8
Antimony - Total	MG/KG	ND	20.0	ND	16.4	ND	11.2	ND	16.3
Arsenic - Total	MG/KG	6.6	2.7	5.8	2.2	6.3	1.5	6.2	2.2
Barium - Total	MG/KG	80.8	0.67	75.7	0.55	147	0.37	82.9	0.54
Beryllium - Total	MG/KG	0.87	0.27	0.87	0.22	2.0	0.15	0.88	0.22
Cadmium - Total	MG/KG	0.56	0.27	0.55	0.22	0.47	0.15	0.68	0.22
Calcium - Total	MG/KG	8780	13.3	19600	10.9	91100	74.8	16600	10.8
Chromium - Total	MG/KG	21.4	0.67	23.3	0.55	18.2	0.37	23.4	0.54
Cobalt - Total	MG/KG	23.0	0.67	8.8	0.55	4.4	0.37	10.4	0.54
Copper - Total	MG/KG	17.8	1.3	25.6	1.1	21.9	0.75	32.5	1.1
Iron - Total	MG/KG	29100	13.3	22700	10.9	12900	7.5	25900	10.8
Lead - Total	MG/KG	27.8	1.3	42.6	1.1	63.9	0.75	53.7	1.1
Magnesium - Total	MG/KG	4790	26.6	6700	21.8	29400	150	5400	21.7
Manganese - Total	MG/KG	1090	0.27	498	0.22	732	0.15	619	0.22
Mercury - Total	MG/KG	0.054	0.024	0.055	0.023	0.26	0.021	0.20	0.023
Nickel - Total	MG/KG	29.6	0.67	23.9	0.55	11.1	0.37	28.6	0.54
Potassium - Total	MG/KG	2000	40.0	2090	32.8	1750	22.4	2240	32.6
Selenium - Total	MG/KG	ND	5.3	ND	4.4	ND	3.0	ND	4.3
Silver - Total	MG/KG	ND	0.67	ND	0.55	ND	0.37	ND	0.54
Sodium - Total	MG/KG	ND	186	ND	153	808	105	ND	152
Thallium - Total	MG/KG	ND	8.0	ND	6.6	ND	4.5	ND	6.5
Vanadium - Total	MG/KG	28.5	0.67	24.8	0.55	15.4	0.37	26.8	0.54
Zinc - Total	MG/KG	101	2.7	108	2.2	78.2	1.5	133	2.2

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 10/20/2004
Time: 10:42:51

Gallagher Beach
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TOTAL TCL METALS

Rept: AN0326

Client ID Job No Sample Date	Lab ID	SS-17 A04-9569 09/30/2004	A4956920	SS-18 A04-9569 09/30/2004	A4956921	SS-19 A04-9569 09/30/2004	A4956922	SS-2 A04-9569 09/30/2004	A4956902
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aluminum - Total	MG/KG	16400	11.9	15500	10.7	16500	14.0	9140	10.8
Antimony - Total	MG/KG	ND	17.9	ND	16.0	ND	21.1	ND	16.2
Arsenic - Total	MG/KG	6.3	2.4	5.3	2.1	6.0	2.8	9.2	2.2
Barium - Total	MG/KG	122	0.60	75.2	0.53	99.6	0.70	54.9	0.54
Beryllium - Total	MG/KG	1.1	0.24	0.82	0.21	0.98	0.28	0.50	0.22
Cadmium - Total	MG/KG	0.48	0.24	0.48	0.21	0.39	0.28	0.53	0.22
Calcium - Total	MG/KG	22300	11.9	16900	10.7	27300	14.0	17900	10.8
Chromium - Total	MG/KG	23.6	0.60	21.5	0.53	21.3	0.70	22.5	0.54
Cobalt - Total	MG/KG	10.2	0.60	11.3	0.53	9.3	0.70	7.3	0.54
Copper - Total	MG/KG	21.7	1.2	24.7	1.1	23.4	1.4	32.8	1.1
Iron - Total	MG/KG	25200	11.9	27200	10.7	24300	14.0	22200	10.8
Lead - Total	MG/KG	28.0	1.2	31.3	1.1	35.6	1.4	58.2	1.1
Magnesium - Total	MG/KG	6670	23.9	7400	21.3	11800	28.1	6960	21.6
Manganese - Total	MG/KG	710	0.24	589	0.21	676	0.28	356	0.22
Mercury - Total	MG/KG	0.099	0.022	0.084	0.022	0.077	0.022	0.24	0.022
Nickel - Total	MG/KG	27.5	0.60	28.5	0.53	24.0	0.70	20.2	0.54
Potassium - Total	MG/KG	2030	35.8	2150	32.0	2520	42.2	1310	32.4
Selenium - Total	MG/KG	ND	4.8	ND	4.3	ND	5.6	ND	4.3
Silver - Total	MG/KG	ND	0.60	ND	0.53	ND	0.70	ND	0.54
Sodium - Total	MG/KG	257	167	ND	149	ND	197	ND	151
Thallium - Total	MG/KG	ND	7.2	ND	6.4	ND	8.4	ND	6.5
Vanadium - Total	MG/KG	24.5	0.60	26.5	0.53	28.7	0.70	15.9	0.54
Zinc - Total	MG/KG	85.6	2.4	116	2.1	104	2.8	146	2.2

NA = Not Applicable ND = Not Detected

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Client ID Job No Sample Date	Lab ID	SS-2 DEEP A04-9569 09/30/2004	A4956903	SS-20 A04-9569 09/30/2004	A4956923	SS-20 DEEP A04-9569 09/30/2004	A4956924	SS-21 A04-9569 09/30/2004	A4956925
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aluminum - Total	Mg/Kg	5200	12.8	10500	9.5	7160	14.9	17200	11.7
Antimony - Total	Mg/Kg	ND	19.2	ND	14.2	ND	22.4	ND	17.6
Arsenic - Total	Mg/Kg	10.2	2.6	10.9	1.9	14.2	3.0	7.0	2.3
Barium - Total	Mg/Kg	49.2	0.64	67.7	0.47	62.5	0.75	78.2	0.59
Beryllium - Total	Mg/Kg	0.32	0.26	0.57	0.19	0.42	0.30	0.92	0.23
Cadmium - Total	Mg/Kg	0.83	0.26	0.81	0.19	1.1	0.30	0.55	0.23
Calcium - Total	Mg/Kg	32000	12.8	8640	9.5	12000	14.9	7240	11.7
Chromium - Total	Mg/Kg	39.6	0.64	39.7	0.47	56.6	0.75	24.1	0.59
Cobalt - Total	Mg/Kg	5.3	0.64	7.9	0.47	7.2	0.75	12.9	0.59
Copper - Total	Mg/Kg	44.0	1.3	50.5	0.95	58.4	1.5	22.8	1.2
Iron - Total	Mg/Kg	18000	12.8	24000	9.5	24000	14.9	30200	11.7
Lead - Total	Mg/Kg	79.9	1.3	73.2	0.95	193	1.5	20.8	1.2
Magnesium - Total	Mg/Kg	14200	256	4020	19.0	3860	29.9	4400	23.5
Manganese - Total	Mg/Kg	332	0.26	417	0.19	372	0.30	621	0.23
Mercury - Total	Mg/Kg	0.55	0.021	0.46	0.024	0.59	0.021	0.040	0.023
Nickel - Total	Mg/Kg	17.4	0.64	22.6	0.47	20.7	0.75	34.4	0.59
Potassium - Total	Mg/Kg	1080	38.4	1650	28.5	1390	44.8	2260	35.2
Selenium - Total	Mg/Kg	ND	5.1	ND	3.8	ND	6.0	ND	4.7
Silver - Total	Mg/Kg	ND	0.64	ND	0.47	ND	0.75	ND	0.59
Sodium - Total	Mg/Kg	ND	179	ND	133	ND	209	ND	164
Thallium - Total	Mg/Kg	ND	7.7	ND	5.7	ND	9.0	ND	7.0
Vanadium - Total	Mg/Kg	11.9	0.64	20.4	0.47	16.0	0.75	28.8	0.59
Zinc - Total	Mg/Kg	146	2.6	171	1.9	194	3.0	102	2.3

NA = Not Applicable ND = Not Detected

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Client ID Job No Sample Date	Lab ID	SS-22 A04-9569 09/30/2004	A4956926	SS-23 A04-9569 09/30/2004	A4956927	SS-24 A04-9569 09/30/2004	A4956928	SS-25 A04-9569 09/30/2004	A4956929
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aluminum - Total	MG/KG	11400	11.6	9060	8.2	4800	13.2	3090	7.8
Antimony - Total	MG/KG	ND	17.4	ND	12.3	ND	19.8	ND	11.6
Arsenic - Total	MG/KG	9.6	2.3	7.4	1.6	3.9	2.6	56.1	1.6
Barium - Total	MG/KG	63.2	0.58	62.5	0.41	43.8	0.66	58.6	0.39
Beryllium - Total	MG/KG	0.46	0.23	0.65	0.16	0.37	0.26	0.48	0.16
Cadmium - Total	MG/KG	0.30	0.23	0.19	0.16	ND	0.26	7.8	0.16
Calcium - Total	MG/KG	1800	11.6	106000	82.1	137000	132	40700	388
Chromium - Total	MG/KG	10.4	0.58	89.0	0.41	7.2	0.66	314	0.39
Cobalt - Total	MG/KG	8.2	0.58	4.3	0.41	3.3	0.66	29.6	0.39
Copper - Total	MG/KG	28.5	1.2	21.4	0.82	12.9	1.3	842	0.78
Iron - Total	MG/KG	22900	11.6	34500	8.2	11200	13.2	496000	388
Lead - Total	MG/KG	19.3	1.2	23.8	0.82	12.0	1.3	97.8	0.78
Magnesium - Total	MG/KG	2730	23.3	4580	16.4	5140	26.4	4360	15.5
Manganese - Total	MG/KG	1080	0.23	7550	1.6	1040	0.26	4090	7.8
Mercury - Total	MG/KG	0.030	0.020	ND	0.021	ND	0.022	0.026	0.021
Nickel - Total	MG/KG	18.8	0.58	7.2	0.41	9.4	0.66	416	0.39
Potassium - Total	MG/KG	870	34.9	1040	24.6	687	39.7	287	23.3
Selenium - Total	MG/KG	ND	4.6	ND	3.3	ND	5.3	ND	3.1
Silver - Total	MG/KG	ND	0.58	0.42	0.41	ND	0.66	0.71	0.39
Sodium - Total	MG/KG	ND	163	397	115	ND	185	ND	109
Thallium - Total	MG/KG	ND	7.0	ND	4.9	ND	7.9	ND	4.6
Vanadium - Total	MG/KG	17.7	0.58	87.0	0.41	9.4	0.66	47.2	0.39
Zinc - Total	MG/KG	102	2.3	70.3	1.6	58.8	2.6	83.4	1.6

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Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aluminum - Total	MG/KG	10000	13.0	11000	13.4	12800	9.2	14300	9.8
Antimony - Total	MG/KG	ND	19.4	ND	20.1	ND	13.8	ND	14.7
Arsenic - Total	MG/KG	14.8	2.6	6.0	2.7	9.2	1.8	7.7	2.0
Barium - Total	MG/KG	96.7	0.65	86.5	0.67	73.0	0.46	122	0.49
Beryllium - Total	MG/KG	1.6	0.26	0.76	0.27	0.84	0.18	1.6	0.20
Cadmium - Total	MG/KG	0.28	0.26	0.59	0.27	0.37	0.18	0.35	0.20
Calcium - Total	MG/KG	112000	64.8	38500	13.4	11700	9.2	61800	98.2
Chromium - Total	MG/KG	11.7	0.65	21.5	0.67	15.6	0.46	18.8	0.49
Cobalt - Total	MG/KG	3.6	0.65	6.9	0.67	9.1	0.46	6.4	0.49
Copper - Total	MG/KG	20.6	1.3	32.6	1.3	32.2	0.92	19.3	0.98
Iron - Total	MG/KG	12800	13.0	21800	13.4	22200	9.2	17500	9.8
Lead - Total	MG/KG	54.9	1.3	83.0	1.3	28.4	0.92	31.9	0.98
Magnesium - Total	MG/KG	16800	130	10900	26.8	4140	18.5	13800	196
Manganese - Total	MG/KG	713	0.26	581	0.27	464	0.18	660	0.20
Mercury - Total	MG/KG	0.034	0.024	0.35	0.021	0.051	0.021	0.070	0.023
Nickel - Total	MG/KG	9.5	0.65	18.1	0.67	29.9	0.46	16.3	0.49
Potassium - Total	MG/KG	1270	38.8	1920	40.2	1370	27.7	2050	29.4
Selenium - Total	MG/KG	ND	5.2	ND	5.4	ND	3.7	ND	3.9
Silver - Total	MG/KG	ND	0.65	ND	0.67	ND	0.46	ND	0.49
Sodium - Total	MG/KG	269	181	190	187	ND	129	351	137
Thallium - Total	MG/KG	ND	7.8	ND	8.0	ND	5.5	ND	5.9
Vanadium - Total	MG/KG	13.3	0.65	22.0	0.67	24.7	0.46	20.7	0.49
Zinc - Total	MG/KG	86.0	2.6	134	2.7	71.5	1.8	73.8	2.0

NA = Not Applicable ND = Not Detected

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Client ID Job No Sample Date	Lab ID	SS-5 A04-9569 09/30/2004	A4956907	SS-6 A04-9569 09/30/2004	A4956908	SS-7 A04-9569 09/30/2004	A4956909	SS-8 A04-9569 09/30/2004	A4956910
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aluminum - Total	MG/KG	15600	14.2	17400	15.1	10500	10.1	13900	11.9
Antimony - Total	MG/KG	ND	21.4	ND	22.6	ND	15.2	ND	17.8
Arsenic - Total	MG/KG	5.6	2.8	5.8	3.0	4.5	2.0	8.3	2.4
Barium - Total	MG/KG	72.8	0.71	80.9	0.75	97.5	0.51	76.9	0.59
Beryllium - Total	MG/KG	0.80	0.28	0.86	0.30	0.93	0.20	0.69	0.24
Cadmium - Total	MG/KG	0.47	0.28	0.51	0.30	0.36	0.20	0.44	0.24
Calcium - Total	MG/KG	6770	14.2	5570	15.1	65300	101	5540	11.9
Chromium - Total	MG/KG	20.4	0.71	24.2	0.75	13.8	0.51	15.9	0.59
Cobalt - Total	MG/KG	9.8	0.71	14.1	0.75	5.0	0.51	9.1	0.59
Copper - Total	MG/KG	16.6	1.4	16.2	1.5	19.6	1.0	30.7	1.2
Iron - Total	MG/KG	24400	14.2	30200	15.1	13300	10.1	23400	11.9
Lead - Total	MG/KG	26.7	1.4	18.0	1.5	72.9	1.0	30.6	1.2
Magnesium - Total	MG/KG	3800	28.5	4040	30.2	21800	203	2890	23.7
Manganese - Total	MG/KG	577	0.28	1160	0.30	605	0.20	414	0.24
Mercury - Total	MG/KG	0.048	0.021	0.044	0.023	0.13	0.020	0.064	0.021
Nickel - Total	MG/KG	25.9	0.71	32.2	0.75	13.0	0.51	25.1	0.59
Potassium - Total	MG/KG	1990	42.8	2240	45.3	1670	30.4	1340	35.6
Selenium - Total	MG/KG	ND	5.7	ND	6.0	ND	4.0	ND	4.7
Silver - Total	MG/KG	ND	0.71	ND	0.75	ND	0.51	ND	0.59
Sodium - Total	MG/KG	ND	200	ND	211	274	142	ND	166
Thallium - Total	MG/KG	ND	8.6	ND	9.0	ND	6.1	ND	7.1
Vanadium - Total	MG/KG	26.9	0.71	30.3	0.75	17.4	0.51	27.9	0.59
Zinc - Total	MG/KG	98.4	2.8	102	3.0	82.0	2.0	80.3	2.4

NA = Not Applicable ND = Not Detected

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Client ID Job No Sample Date	Lab ID	SS-9 A04-9569 09/30/2004	A4956911	SS-9 DEEP A04-9569 09/30/2004	A4956912	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aluminum - Total	MG/KG	15800	14.3	18800	9.8	NA	9.8	NA	
Antimony - Total	MG/KG	ND	21.5	ND	14.7	NA	14.7	NA	
Arsenic - Total	MG/KG	5.3	2.9	5.8	2.0	NA	2.0	NA	
Barium - Total	MG/KG	74.2	0.72	125	0.49	NA	0.49	NA	
Beryllium - Total	MG/KG	0.90	0.29	2.2	0.20	NA	0.20	NA	
Cadmium - Total	MG/KG	0.44	0.29	0.47	0.20	NA	0.20	NA	
Calcium - Total	MG/KG	9550	14.3	69400	98.0	NA	98.0	NA	
Chromium - Total	MG/KG	20.3	0.72	15.9	0.49	NA	0.49	NA	
Cobalt - Total	MG/KG	10.2	0.72	7.9	0.49	NA	0.49	NA	
Copper - Total	MG/KG	16.9	1.4	22.4	0.98	NA	0.98	NA	
Iron - Total	MG/KG	25000	14.3	20600	9.8	NA	9.8	NA	
Lead - Total	MG/KG	25.7	1.4	28.1	0.98	NA	0.98	NA	
Magnesium - Total	MG/KG	4570	28.6	17600	196	NA	196	NA	
Manganese - Total	MG/KG	570	0.29	988	0.20	NA	0.20	NA	
Mercury - Total	MG/KG	0.068	0.022	0.067	0.024	NA	0.024	NA	
Nickel - Total	MG/KG	26.8	0.72	19.7	0.49	NA	0.49	NA	
Potassium - Total	MG/KG	1940	42.9	1930	29.4	NA	29.4	NA	
Selenium - Total	MG/KG	ND	5.7	ND	3.9	NA	3.9	NA	
Silver - Total	MG/KG	ND	0.72	ND	0.49	NA	0.49	NA	
Sodium - Total	MG/KG	ND	200	283	137	NA	137	NA	
Thallium - Total	MG/KG	ND	8.6	ND	5.9	NA	5.9	NA	
Vanadium - Total	MG/KG	26.3	0.72	20.9	0.49	NA	0.49	NA	
Zinc - Total	MG/KG	96.4	2.9	86.6	2.0	NA	2.0	NA	

NA = Not Applicable ND = Not Detected

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WET CHEMISTRY ANALYSIS

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Client ID Job No Sample Date	Lab ID	SS-1 A04-9569 09/30/2004	A4956901	SS-10 A04-9569 09/30/2004	A4956913	SS-11 A04-9569 09/30/2004	A4956914	SS-12 A04-9569 09/30/2004	A4956915
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Cyanide - Total	UG/G	ND	1.0	ND	1.0	ND	1.0	ND	1.0

Client ID Job No Sample Date	Lab ID	SS-13 A04-9569 09/30/2004	A4956916	SS-14 A04-9569 09/30/2004	A4956917	SS-15 A04-9569 09/30/2004	A4956918	SS-16 A04-9569 09/30/2004	A4956919
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Cyanide - Total	UG/G	ND	1.0	ND	1.0	ND	1.0	ND	1.0

Client ID Job No Sample Date	Lab ID	SS-17 A04-9569 09/30/2004	A4956920	SS-18 A04-9569 09/30/2004	A4956921	SS-19 A04-9569 09/30/2004	A4956922	SS-2 A04-9569 09/30/2004	A4956902
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Cyanide - Total	UG/G	ND	1.0	ND	1.0	ND	1.0	ND	1.0

Client ID Job No Sample Date	Lab ID	SS-2 DEEP A04-9569 09/30/2004	A4956903	SS-20 A04-9569 09/30/2004	A4956923	SS-20 DEEP A04-9569 09/30/2004	A4956924	SS-21 A04-9569 09/30/2004	A4956925
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Cyanide - Total	UG/G	ND	1.0	ND	1.0	ND	1.0	ND	1.0

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Client ID Job No Sample Date	Lab ID	SS-22 A04-9569 09/30/2004	A4956926	SS-23 A04-9569 09/30/2004	A4956927	SS-24 A04-9569 09/30/2004	A4956928	SS-25 A04-9569 09/30/2004	A4956929
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Cyanide - Total	UG/G	ND	1.0	ND	1.0	ND	1.0	ND	1.0

Client ID Job No Sample Date	Lab ID	SS-26 DEEP A04-9569 09/30/2004	A4956930	SS-3 A04-9569 09/30/2004	A4956904	SS-4 A04-9569 09/30/2004	A4956905	SS-4 DEEP A04-9569 09/30/2004	A4956906
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Cyanide - Total	UG/G	ND	1.0	ND	1.0	ND	1.0	ND	1.0

Client ID Job No Sample Date	Lab ID	SS-5 A04-9569 09/30/2004	A4956907	SS-6 A04-9569 09/30/2004	A4956908	SS-7 A04-9569 09/30/2004	A4956909	SS-8 A04-9569 09/30/2004	A4956910
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Cyanide - Total	UG/G	ND	1.0	ND	1.0	ND	1.0	ND	1.0

Client ID Job No Sample Date	Lab ID	SS-9 A04-9569 09/30/2004	A4956911	SS-9 DEEP A04-9569 09/30/2004	A4956912				
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Cyanide - Total	UG/G	ND	1.0	ND	1.0	NA		NA	

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NA = Not Applicable ND = Not Detected

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Client ID Job No Sample Date	Lab ID	VBLK29 A04-9569	A4B1722802	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Acetone		ND	25		NA		NA		NA
Benzene		ND	5		NA		NA		NA
Bromodichloromethane		ND	5		NA		NA		NA
Bromoform		ND	5		NA		NA		NA
Bromomethane		ND	5		NA		NA		NA
2-Butanone		ND	25		NA		NA		NA
Carbon Disulfide		ND	5		NA		NA		NA
Carbon Tetrachloride		ND	5		NA		NA		NA
Chlorobenzene		ND	5		NA		NA		NA
Chloroethane		ND	5		NA		NA		NA
Chloroform		ND	5		NA		NA		NA
Chloromethane		ND	5		NA		NA		NA
Cyclohexane		ND	5		NA		NA		NA
1,2-Dibromoethane		ND	5		NA		NA		NA
Dibromochloromethane		ND	5		NA		NA		NA
1,2-Dibromo-3-chloropropane		ND	5		NA		NA		NA
1,2-Dichlorobenzene		ND	5		NA		NA		NA
1,3-Dichlorobenzene		ND	5		NA		NA		NA
1,4-Dichlorobenzene		ND	5		NA		NA		NA
Dichlorodifluoromethane		ND	5		NA		NA		NA
1,1-Dichloroethane		ND	5		NA		NA		NA
1,2-Dichloroethane		ND	5		NA		NA		NA
1,1-Dichloroethene		ND	5		NA		NA		NA
cis-1,2-Dichloroethene		ND	5		NA		NA		NA
trans-1,2-Dichloroethene		ND	5		NA		NA		NA
1,2-Dichloropropane		ND	5		NA		NA		NA
cis-1,3-Dichloropropene		ND	5		NA		NA		NA
trans-1,3-Dichloropropene		ND	5		NA		NA		NA
Ethylbenzene		ND	5		NA		NA		NA
2-Hexanone		ND	25		NA		NA		NA
Isopropylbenzene		ND	5		NA		NA		NA
Methyl acetate		ND	5		NA		NA		NA
Methylcyclohexane		ND	5		NA		NA		NA
Methylene chloride		ND	5		NA		NA		NA
4-Methyl-2-pentanone		ND	6		NA		NA		NA
Methyl tert butyl ether		ND	25		NA		NA		NA
styrene		ND	5		NA		NA		NA
1,1,2,2-Tetrachloroethane		ND	5		NA		NA		NA
Tetrachloroethene		ND	5		NA		NA		NA
Toluene		ND	5		NA		NA		NA
1,2,4-Trichlorobenzene		ND	5		NA		NA		NA
1,1,1-Trichloroethane		ND	5		NA		NA		NA
1,1,2-Trichloroethane		ND	5		NA		NA		NA

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 10/20/2004
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Gallagher Beach
Gallagher Beach
METHOD 8260 - TCL VOLATILE ORGANICS

Rept: AN0326

Client ID Job No Sample Date	Lab ID	VBLK29 A04-9569	A4B1722802	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
1,1,2-Trichloro-1,2,2-trifluor	UG/KG	ND	5	NA		NA		NA	
Trichlorofluoromethane	UG/KG	ND	5	NA		NA		NA	
Trichloroethene	UG/KG	ND	5	NA		NA		NA	
Vinyl acetate	UG/KG	ND	25	NA		NA		NA	
Vinyl chloride	UG/KG	ND	10	NA		NA		NA	
Total Xylenes	UG/KG	ND	15	NA		NA		NA	
IS/SURROGATE(S)									
Chlorobenzene-D5	%	89	50-200	NA		NA		NA	
1,4-Difluorobenzene	%	86	50-200	NA		NA		NA	
1,4-Dichlorobenzene-D4	%	76	50-200	NA		NA		NA	
Toluene-D8	%	97	71-125	NA		NA		NA	
p-Bromofluorobenzene	%	89	68-124	NA		NA		NA	
1,2-Dichloroethane-D4	%	92	61-136	NA		NA		NA	

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Gallagher Beach
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METHOD 8260 - TCL VOLATILE ORGANICS

Rept: AN0326

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Client ID Job No Sample Date	Lab ID	MSB29 A04-9569	A4B1722801	SS-2 DEEP A04-9569 09/30/2004	A4956903MS	SS-2 DEEP A04-9569 09/30/2004	A4956903SD	Reporting Limit	Sample Value
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acetone	UG/KG	190	25	ND	26	ND	27	NA	27
Benzene	UG/KG	49	5	50	5	52	5	NA	5
Bromodichloromethane	UG/KG	46	5	ND	5	ND	5	NA	5
Bromoform	UG/KG	50	5	ND	5	ND	5	NA	5
Bromomethane	UG/KG	45	5	ND	5	ND	5	NA	5
2-Butanone	UG/KG	250	25	ND	26	ND	27	NA	27
Carbon Disulfide	UG/KG	51	5	ND	5	ND	5	NA	5
Carbon Tetrachloride	UG/KG	46	5	ND	5	ND	5	NA	5
Chlorobenzene	UG/KG	49	5	39	5	40	5	NA	5
Chloroethane	UG/KG	44	5	ND	5	ND	5	NA	5
Chloroform	UG/KG	47	5	ND	5	ND	5	NA	5
Chloromethane	UG/KG	43	5	ND	5	ND	5	NA	5
Cyclohexane	UG/KG	51	5	ND	5	ND	5	NA	5
1,2-Dibromoethane	UG/KG	51	5	ND	5	ND	5	NA	5
Dibromochloromethane	UG/KG	50	5	ND	5	ND	5	NA	5
1,2-Dibromo-3-chloropropane	UG/KG	47	5	ND	5	ND	5	NA	5
1,2-Dichlorobenzene	UG/KG	48	5	ND	5	ND	5	NA	5
1,3-Dichlorobenzene	UG/KG	48	5	ND	5	ND	5	NA	5
1,4-Dichlorobenzene	UG/KG	48	5	ND	5	ND	5	NA	5
Dichlorodifluoromethane	UG/KG	54	5	ND	5	ND	5	NA	5
1,1-Dichloroethane	UG/KG	48	5	ND	5	ND	5	NA	5
1,2-Dichloroethane	UG/KG	46	5	ND	5	ND	5	NA	5
1,1-Dichloroethene	UG/KG	47	5	51	5	54	5	NA	5
cis-1,2-Dichloroethene	UG/KG	49	5	ND	5	ND	5	NA	5
trans-1,2-Dichloroethene	UG/KG	49	5	ND	5	ND	5	NA	5
1,2-Dichloropropane	UG/KG	48	5	ND	5	ND	5	NA	5
cis-1,3-Dichloropropene	UG/KG	49	5	ND	5	ND	5	NA	5
trans-1,3-Dichloropropene	UG/KG	49	5	ND	5	ND	5	NA	5
Ethylbenzene	UG/KG	50	5	ND	26	ND	27	NA	27
2-Hexanone	UG/KG	250	25	ND	26	ND	27	NA	27
Isopropylbenzene	UG/KG	48	5	ND	5	ND	5	NA	5
Methyl acetate	UG/KG	48	5	ND	5	ND	5	NA	5
Methylcyclohexane	UG/KG	52	5	ND	5	ND	5	NA	5
Methylene chloride	UG/KG	40 B	5	10 B	5	10 B	5	NA	5
4-Methyl-2-pentanone	UG/KG	250	25	ND	26	ND	27	NA	27
Methyl tert butyl ether	UG/KG	50	5	ND	5	ND	5	NA	5
Styrene	UG/KG	49	5	ND	5	ND	5	NA	5
1,1,2,2-Tetrachloroethane	UG/KG	49	5	ND	5	ND	5	NA	5
Tetrachloroethene	UG/KG	50	5	ND	5	ND	5	NA	5
Toluene	UG/KG	48	5	44	5	45	5	NA	5
1,2,4-Trichlorobenzene	UG/KG	51	5	ND	5	ND	5	NA	5
1,1,1-Trichloroethane	UG/KG	48	5	ND	5	ND	5	NA	5
1,1,2-Trichloroethane	UG/KG	49	5	ND	5	ND	5	NA	5

NA = Not Applicable ND = Not Detected

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Date: 10/20/2004
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METHOD 8260 - TCL VOLATILE ORGANICS

Rept: AN0326

Client ID Job No Sample Date		MSB29 A04-9569	A4B1722801	SS-2 DEEP A04-9569 09/30/2004	A4956903MS	SS-2 DEEP A04-9569 09/30/2004	A4956903SD		
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
1,1,2-Trichloro-1,2,2-trifluor	UG/KG	46	5	ND	5	ND	5	NA	
Trichlorofluoromethane	UG/KG	47	5	ND	5	ND	5	NA	
Trichloroethene	UG/KG	48	5	46	5	47	5	NA	
Vinyl acetate	UG/KG	260	25	NA		NA		NA	
Vinyl chloride	UG/KG	46	10	ND	10	ND	11	NA	
Total Xylenes	UG/KG	150	15	ND	16	ND	16	NA	
IS/SURROGATE(S)									
Chlorobenzene-D5	%	100	50-200	81	50-200	80	50-200	NA	
1,4-Difluorobenzene	%	97	50-200	76	50-200	76	50-200	NA	
1,4-Dichlorobenzene-D4	%	98	50-200	63	50-200	64	50-200	NA	
Toluene-D8	%	98	71-125	95	71-125	96	71-125	NA	
p-Bromofluorobenzene	%	97	68-124	85	68-124	86	68-124	NA	
1,2-Dichloroethane-D4	%	86	61-136	97	61-136	97	61-136	NA	

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Gallagher Beach
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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Rept: AN0326

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Client ID Job No Sample Date	Lab ID	S Blank A04-9569	A4B1705102	S Blank A04-9569	A4B1705202	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Acenaphthene	UG/KG	ND	330	ND	320	320	NA		NA		NA
Acenaphthylene	UG/KG	ND	330	ND	320	320	NA		NA		NA
Acetophenone	UG/KG	ND	330	ND	320	320	NA		NA		NA
Anthracene	UG/KG	ND	330	ND	320	320	NA		NA		NA
Atrazine	UG/KG	ND	330	ND	320	320	NA		NA		NA
Benzaldehyde	UG/KG	ND	330	ND	320	320	NA		NA		NA
Benzo(a)anthracene	UG/KG	ND	330	ND	320	320	NA		NA		NA
Benzo(b)fluoranthene	UG/KG	ND	330	ND	320	320	NA		NA		NA
Benzo(k)fluoranthene	UG/KG	ND	330	ND	320	320	NA		NA		NA
Benzo(ghi)perylene	UG/KG	ND	330	ND	320	320	NA		NA		NA
Benzo(a)pyrene	UG/KG	ND	330	ND	320	320	NA		NA		NA
Benzoic acid	UG/KG	ND	4800	ND	4700	4700	NA		NA		NA
Benzyl alcohol	UG/KG	ND	330	ND	320	320	NA		NA		NA
Biphenyl	UG/KG	ND	330	ND	320	320	NA		NA		NA
Bis(2-chloroethoxy) methane	UG/KG	ND	330	ND	320	320	NA		NA		NA
Bis(2-chloroethyl) ether	UG/KG	ND	330	ND	320	320	NA		NA		NA
2,2'-Oxybis(1-chloropropane)	UG/KG	ND	330	ND	320	320	NA		NA		NA
Bis(2-ethylhexyl) phthalate	UG/KG	ND	330	ND	320	320	NA		NA		NA
4-Bromophenyl phenyl ether	UG/KG	ND	330	ND	320	320	NA		NA		NA
Butyl benzyl phthalate	UG/KG	ND	330	ND	320	320	NA		NA		NA
Caprolactam	UG/KG	ND	330	ND	320	320	NA		NA		NA
4-Chloroaniline	UG/KG	ND	330	ND	320	320	NA		NA		NA
4-Chloro-3-methylphenol	UG/KG	ND	330	ND	320	320	NA		NA		NA
2-Chloronaphthalene	UG/KG	ND	330	ND	320	320	NA		NA		NA
2-Chlorophenol	UG/KG	ND	330	ND	320	320	NA		NA		NA
4-Chlorophenyl phenyl ether	UG/KG	ND	330	ND	320	320	NA		NA		NA
Chrysene	UG/KG	ND	330	ND	320	320	NA		NA		NA
Dibenzo(a,h)anthracene	UG/KG	ND	330	ND	320	320	NA		NA		NA
Dibenzofuran	UG/KG	ND	330	ND	320	320	NA		NA		NA
Di-n-butyl phthalate	UG/KG	ND	330	ND	320	320	NA		NA		NA
1,2-Dichlorobenzene	UG/KG	ND	330	ND	320	320	NA		NA		NA
1,3-Dichlorobenzene	UG/KG	ND	330	ND	320	320	NA		NA		NA
1,4-Dichlorobenzene	UG/KG	ND	330	ND	320	320	NA		NA		NA
3,3'-Dichlorobenzidine	UG/KG	ND	660	ND	640	640	NA		NA		NA
2,4-Dichlorophenol	UG/KG	ND	330	ND	320	320	NA		NA		NA
Diethyl phthalate	UG/KG	ND	330	ND	320	320	NA		NA		NA
2,4-Dimethylphenol	UG/KG	ND	330	ND	320	320	NA		NA		NA
Dimethyl phthalate	UG/KG	ND	330	ND	320	320	NA		NA		NA
4,6-Dinitro-2-methylphenol	UG/KG	ND	1600	ND	1600	1600	NA		NA		NA
2,4-Dinitrophenol	UG/KG	ND	1600	ND	1600	1600	NA		NA		NA
2,4-Dinitrotoluene	UG/KG	ND	330	ND	320	320	NA		NA		NA
2,6-Dinitrotoluene	UG/KG	ND	330	ND	320	320	NA		NA		NA
Di-n-octyl phthalate	UG/KG	ND	440	ND	430	430	NA		NA		NA

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 10/20/2004
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Gallagher Beach
Gallagher Beach
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Rept: AN0326

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Client ID Job No Sample Date		Lab ID	S Blank A04-9569		A4B1705102		S Blank A04-9569		A4B1705202		Reporting Limit		Sample Value		Reporting Limit		Sample Value		Reporting Limit	
Analyte		Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Fluoranthene		ug/kg	ND	330	ND	320	NA	320	NA	320	NA	320	NA	320	NA	320	NA	320	NA	320
Fluorene		ug/kg	ND	330	ND	320	NA	320	NA	320	NA	320	NA	320	NA	320	NA	320	NA	320
Hexachlorobenzene		ug/kg	ND	330	ND	320	NA	320	NA	320	NA	320	NA	320	NA	320	NA	320	NA	320
Hexachlorobutadiene		ug/kg	ND	330	ND	320	NA	320	NA	320	NA	320	NA	320	NA	320	NA	320	NA	320
Hexachlorocyclopentadiene		ug/kg	ND	330	ND	320	NA	320	NA	320	NA	320	NA	320	NA	320	NA	320	NA	320
Hexachloroethane		ug/kg	ND	330	ND	320	NA	320	NA	320	NA	320	NA	320	NA	320	NA	320	NA	320
Indeno(1,2,3-cd)pyrene		ug/kg	ND	330	ND	320	NA	320	NA	320	NA	320	NA	320	NA	320	NA	320	NA	320
Isophorone		ug/kg	ND	330	ND	320	NA	320	NA	320	NA	320	NA	320	NA	320	NA	320	NA	320
2-Methylnaphthalene		ug/kg	ND	330	ND	320	NA	320	NA	320	NA	320	NA	320	NA	320	NA	320	NA	320
2-Methylphenol		ug/kg	ND	330	ND	320	NA	320	NA	320	NA	320	NA	320	NA	320	NA	320	NA	320
4-Methylphenol		ug/kg	ND	330	ND	320	NA	320	NA	320	NA	320	NA	320	NA	320	NA	320	NA	320
Naphthalene		ug/kg	ND	330	ND	320	NA	320	NA	320	NA	320	NA	320	NA	320	NA	320	NA	320
2-Nitroaniline		ug/kg	ND	1600	ND	1600	NA	1600	NA	1600	NA	1600	NA	1600	NA	1600	NA	1600	NA	1600
3-Nitroaniline		ug/kg	ND	1600	ND	1600	NA	1600	NA	1600	NA	1600	NA	1600	NA	1600	NA	1600	NA	1600
4-Nitroaniline		ug/kg	ND	330	ND	320	NA	320	NA	320	NA	320	NA	320	NA	320	NA	320	NA	320
Nitrobenzene		ug/kg	ND	330	ND	320	NA	320	NA	320	NA	320	NA	320	NA	320	NA	320	NA	320
2-Nitrophenol		ug/kg	ND	1600	ND	1600	NA	1600	NA	1600	NA	1600	NA	1600	NA	1600	NA	1600	NA	1600
4-Nitrophenol		ug/kg	ND	330	ND	320	NA	320	NA	320	NA	320	NA	320	NA	320	NA	320	NA	320
N-Nitrosodiphenylamine		ug/kg	ND	330	ND	320	NA	320	NA	320	NA	320	NA	320	NA	320	NA	320	NA	320
N-Nitroso-Di-n-propylamine		ug/kg	ND	330	ND	320	NA	320	NA	320	NA	320	NA	320	NA	320	NA	320	NA	320
Pentachlorophenol		ug/kg	ND	1600	ND	1600	NA	1600	NA	1600	NA	1600	NA	1600	NA	1600	NA	1600	NA	1600
Phenanthrene		ug/kg	ND	330	ND	320	NA	320	NA	320	NA	320	NA	320	NA	320	NA	320	NA	320
Phenol		ug/kg	ND	330	ND	320	NA	320	NA	320	NA	320	NA	320	NA	320	NA	320	NA	320
Pyrene		ug/kg	ND	330	ND	320	NA	320	NA	320	NA	320	NA	320	NA	320	NA	320	NA	320
1,2,4-Trichlorobenzene		ug/kg	ND	330	ND	320	NA	320	NA	320	NA	320	NA	320	NA	320	NA	320	NA	320
2,4,5-Trichlorophenol		ug/kg	ND	800	ND	780	NA	780	NA	780	NA	780	NA	780	NA	780	NA	780	NA	780
2,4,6-Trichlorophenol		ug/kg	ND	330	ND	320	NA	320	NA	320	NA	320	NA	320	NA	320	NA	320	NA	320
IS/SURROGATE(S)																				
1,4-Dichlorobenzene-D4		%	99	50-200	96	50-200	NA	50-200	NA	50-200	NA	50-200	NA	50-200	NA	50-200	NA	50-200	NA	50-200
Naphthalene-D8		%	98	50-200	100	50-200	NA	50-200	NA	50-200	NA	50-200	NA	50-200	NA	50-200	NA	50-200	NA	50-200
Acenaphthene-D10		%	98	50-200	102	50-200	NA	50-200	NA	50-200	NA	50-200	NA	50-200	NA	50-200	NA	50-200	NA	50-200
Phenanthrene-D10		%	96	50-200	98	50-200	NA	50-200	NA	50-200	NA	50-200	NA	50-200	NA	50-200	NA	50-200	NA	50-200
Chrysene-D12		%	90	50-200	101	50-200	NA	50-200	NA	50-200	NA	50-200	NA	50-200	NA	50-200	NA	50-200	NA	50-200
Perylene-D12		%	94	50-200	79	30-127	NA	30-127	NA	30-127	NA	30-127	NA	30-127	NA	30-127	NA	30-127	NA	30-127
Nitrobenzene-D5		%	78	36-138	81	36-138	NA	36-138	NA	36-138	NA	36-138	NA	36-138	NA	36-138	NA	36-138	NA	36-138
2-Fluorobiphenyl		%	80	41-167	90	41-167	NA	41-167	NA	41-167	NA	41-167	NA	41-167	NA	41-167	NA	41-167	NA	41-167
p-Terphenyl-d14		%	100	34-120	79	34-120	NA	34-120	NA	34-120	NA	34-120	NA	34-120	NA	34-120	NA	34-120	NA	34-120
Phenol-D5		%	83	26-120	80	26-120	NA	26-120	NA	26-120	NA	26-120	NA	26-120	NA	26-120	NA	26-120	NA	26-120
2-Fluorophenol		%	72	42-140	87	42-140	NA	42-140	NA	42-140	NA	42-140	NA	42-140	NA	42-140	NA	42-140	NA	42-140
2,4,6-Tribromophenol		%	83																	

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 10/20/2004
Time: 10:43:32

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Rept: AN0326

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Client ID Job No Sample Date	Lab ID	Matrix Spike Blank A04-9569 A4B1705101	Matrix Spike Blank A04-9569 A4B1705201	SS-26 DEEP A04-9569 09/30/2004	SS-26 DEEP A04-9569 09/30/2004	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Acenaphthene	UG/KG	320	320	320	320	320	2500	320	3800 J	4000	3600 J
Acenaphthylene	UG/KG	320	320	320	320	320	ND	320	ND	4000	ND
Acetophenone	UG/KG	320	320	320	320	320	ND	320	ND	4000	ND
Anthracene	UG/KG	320	320	320	320	320	ND	320	ND	4000	ND
Atrazine	UG/KG	320	320	320	320	320	ND	320	ND	4000	ND
Benzaldehyde	UG/KG	320	320	320	320	320	ND	320	ND	4000	ND
Benzo(a)anthracene	UG/KG	320	320	320	320	320	ND	320	2500 J	4000	3200 J
Benzo(b)fluoranthene	UG/KG	320	320	320	320	320	ND	320	2900 J	4000	4400
Benzo(k)fluoranthene	UG/KG	320	320	320	320	320	ND	320	ND	4000	2800 J
Benzo(ghi)perylene	UG/KG	320	320	320	320	320	ND	320	ND	4000	ND
Benzo(a)pyrene	UG/KG	320	320	320	320	320	ND	320	2100 J	4000	3000 J
Benzoic acid	UG/KG	4700	4700	4700	4700	4700	ND	4700	ND	58000	ND
Benzyl alcohol	UG/KG	320	320	320	320	320	ND	320	ND	4000	ND
Biphenyl	UG/KG	320	320	320	320	320	ND	320	ND	4000	ND
Bis(2-chloroethoxy) methane	UG/KG	320	320	320	320	320	ND	320	ND	4000	ND
Bis(2-chloroethyl) ether	UG/KG	320	320	320	320	320	ND	320	ND	4000	ND
2,2'-Oxybis(1-chloropropane)	UG/KG	320	320	320	320	320	ND	320	ND	4000	ND
Bis(2-ethylhexyl) phthalate	UG/KG	320	320	320	320	320	ND	320	ND	4000	ND
4-Bromophenyl phenyl ether	UG/KG	320	320	320	320	320	ND	320	ND	4000	ND
Butyl benzyl phthalate	UG/KG	320	320	320	320	320	ND	320	ND	4000	ND
Caprolactam	UG/KG	320	320	320	320	320	ND	320	ND	4000	ND
4-Chloroaniline	UG/KG	320	320	320	320	320	ND	320	ND	4000	ND
4-Chloro-3-methylphenol	UG/KG	320	320	320	320	320	2500	320	3000 J	4000	2900 J
2-Chloronaphthalene	UG/KG	320	320	320	320	320	ND	320	ND	4000	ND
2-Chlorophenol	UG/KG	320	320	320	320	320	2000	320	3100 J	4000	2900 J
4-Chlorophenyl phenyl ether	UG/KG	320	320	320	320	320	ND	320	2600 J	4000	3500 J
Chrysene	UG/KG	320	320	320	320	320	ND	320	ND	4000	ND
Dibenzo(a,h)anthracene	UG/KG	320	320	320	320	320	ND	320	ND	4000	ND
Dibenzofuran	UG/KG	320	320	320	320	320	ND	320	ND	4000	ND
Di-n-butyl phthalate	UG/KG	320	320	320	320	320	ND	320	ND	4000	ND
1,2-Dichlorobenzene	UG/KG	320	320	320	320	320	ND	320	ND	4000	ND
1,3-Dichlorobenzene	UG/KG	320	320	320	320	320	ND	320	ND	4000	ND
1,4-Dichlorobenzene	UG/KG	320	320	320	320	320	2000	320	2900 J	4000	2800 J
3,3'-Dichlorobenzidine	UG/KG	650	650	650	650	650	ND	650	ND	8000	ND
2,4-Dichlorophenol	UG/KG	320	320	320	320	320	ND	320	ND	4000	ND
Diethyl phthalate	UG/KG	320	320	320	320	320	ND	320	ND	4000	ND
Dimethyl phthalate	UG/KG	320	320	320	320	320	ND	320	ND	4000	ND
Dimethyl phthalate	UG/KG	320	320	320	320	320	ND	320	ND	4000	ND
4,6-Dinitro-2-methylphenol	UG/KG	1600	1600	1600	1600	1600	ND	1600	ND	19000	ND
2,4-Dinitrophenol	UG/KG	1600	1600	1600	1600	1600	ND	1600	1600 J	19000	1500 J
2,6-Dinitrotoluene	UG/KG	320	320	320	320	320	ND	320	ND	4000	ND
Di-n-octyl phthalate	UG/KG	440	440	440	440	440	ND	440	ND	5400	ND

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 10/20/2004
Time: 10:43:32

Gallagher Beach
Gallagher Beach

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Rept: AN0326

61/132

Client ID Job No Sample Date	Lab ID	Matrix Spike Blank A04-9569 A4B1705101	Matrix Spike Blank A04-9569 A4B1705201	SS-26 DEEP A04-9569 09/30/2004	SS-26 DEEP A04-9569 09/30/2004	Reporting Limit
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Reporting Limit
Fluoranthene	UG/KG	ND	320	3800 J	4500	4000
Fluorene	UG/KG	ND	320	ND	ND	4000
Hexachlorobenzene	UG/KG	ND	320	ND	ND	4000
Hexachlorobutadiene	UG/KG	ND	320	ND	ND	4000
Hexachlorocyclopentadiene	UG/KG	ND	320	ND	ND	4000
Hexachloroethane	UG/KG	ND	320	ND	ND	4000
Indeno(1,2,3-cd)pyrene	UG/KG	ND	320	ND	ND	4000
Isophorone	UG/KG	ND	320	ND	ND	4000
2-Methylnaphthalene	UG/KG	ND	320	ND	ND	4000
2-Methylphenol	UG/KG	ND	320	ND	ND	4000
4-Methylphenol	UG/KG	ND	320	ND	ND	4000
Naphthalene	UG/KG	ND	320	ND	ND	4000
2-Nitroaniline	UG/KG	ND	1600	ND	ND	19000
3-Nitroaniline	UG/KG	ND	1600	ND	ND	19000
4-Nitroaniline	UG/KG	ND	1600	ND	ND	19000
Nitrobenzene	UG/KG	ND	320	ND	ND	4000
2-Nitrophenol	UG/KG	ND	320	ND	ND	4000
4-Nitrophenol	UG/KG	3100	1600	ND	ND	19000
N-Nitrosodiphenylamine	UG/KG	ND	320	3200 J	3000 J	4000
N-Nitroso-D1-n-propylamine	UG/KG	2900	320	ND	ND	19000
Pentachlorophenol	UG/KG	3000	1600	1800 J	1900 J	4000
Phenanthrene	UG/KG	ND	320	3100 J	3000 J	4000
Phenol	UG/KG	2500	320	6200	6200	4000
Pyrene	UG/KG	3200	320	3200 J	3000 J	4000
1,2,4-Trichlorobenzene	UG/KG	2500	320	ND	ND	9600
2,4,5-Trichlorophenol	UG/KG	ND	790	ND	ND	4000
2,4,6-Trichlorophenol	UG/KG	ND	320	ND	ND	4000
IS/SURROGATE(S)						
1,4-Dichlorobenzene-D4	%	98	50-200	93	103	50-200
Naphthalene-D8	%	97	50-200	93	100	50-200
Acenaphthene-D10	%	96	50-200	93	103	50-200
Phenanthrene-D10	%	94	50-200	94	96	50-200
Chrysene-D12	%	89	50-200	106	124	50-200
Perylene-D12	%	93	50-200	125	132	50-200
Nitrobenzene-D5	%	82	30-127	69	70	30-127
2-Fluorobiphenyl	%	85	36-138	89	84	36-138
p-Terphenyl-d14	%	106	41-167	84	77	41-167
Phenol-D5	%	82	34-120	81	77	34-120
2-Fluorophenol	%	71	26-120	72	70	26-120
2,4,6-Tribromophenol	%	93	42-140	74	75	42-140

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 10/20/2004
Time: 10:43:45

Gallagher Beach
Gallagher Beach
METHOD 8081 - TCL PESTICIDES

Rept: AN0326

Client ID Job No Sample Date	Lab ID	Method Blank A04-9569	Method Blank A4B1703703	Method Blank A04-9569	Method Blank A4B1703803	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aldrin	UG/KG	ND	1.6	ND	1.6	NA	1.6	NA	1.6
alpha-BHC	UG/KG	ND	1.6	ND	1.6	NA	1.6	NA	1.6
beta-BHC	UG/KG	ND	1.6	ND	1.6	NA	1.6	NA	1.6
gamma-BHC (Lindane)	UG/KG	ND	1.6	ND	1.6	NA	1.6	NA	1.6
delta-BHC	UG/KG	ND	1.6	ND	1.6	NA	1.6	NA	1.6
Chlordane	UG/KG	ND	16	ND	16	NA	16	NA	16
4,4'-DDD	UG/KG	ND	1.6	ND	1.6	NA	1.6	NA	1.6
4,4'-DDE	UG/KG	ND	1.6	ND	1.6	NA	1.6	NA	1.6
4,4'-DDT	UG/KG	ND	1.6	ND	1.6	NA	1.6	NA	1.6
Dieldrin	UG/KG	ND	1.6	ND	1.6	NA	1.6	NA	1.6
Endosulfan I	UG/KG	ND	1.6	ND	1.6	NA	1.6	NA	1.6
Endosulfan II	UG/KG	ND	1.6	ND	1.6	NA	1.6	NA	1.6
Endosulfan Sulfate	UG/KG	ND	1.6	ND	1.6	NA	1.6	NA	1.6
Endrin	UG/KG	ND	1.6	ND	1.6	NA	1.6	NA	1.6
Endrin ketone	UG/KG	ND	1.6	ND	1.6	NA	1.6	NA	1.6
Endrin aldehyde	UG/KG	ND	1.6	ND	1.6	NA	1.6	NA	1.6
Heptachlor	UG/KG	ND	1.6	ND	1.6	NA	1.6	NA	1.6
Heptachlor epoxide	UG/KG	ND	1.6	ND	1.6	NA	1.6	NA	1.6
Methoxychlor	UG/KG	ND	1.6	ND	1.6	NA	1.6	NA	1.6
Toxaphene	UG/KG	ND	32	ND	32	NA	32	NA	32
SURROGATE(S)									
Tetrachloro-m-xylene	%	72	38-132	97	38-132	NA	38-132	NA	38-132
Decachlorobiphenyl	%	94	46-151	99	46-151	NA	46-151	NA	46-151

Date: 10/20/2004
Time: 10:43:45

Gallagher Beach
Gallagher Beach

METHOD 8082 - POLYCHLORINATED BIPHENYLS

Rept: AN0326

Client ID Job No Sample Date	Lab ID	Method Blank A04-9569	Method Blank A481703903	Method Blank A04-9569	Method Blank A481704902	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	UG/KG	ND	16	ND	16	NA	16	NA	16	NA	16
Aroclor 1221	UG/KG	ND	16	ND	16	NA	16	NA	16	NA	16
Aroclor 1232	UG/KG	ND	16	ND	16	NA	16	NA	16	NA	16
Aroclor 1242	UG/KG	ND	16	ND	16	NA	16	NA	16	NA	16
Aroclor 1248	UG/KG	ND	16	ND	16	NA	16	NA	16	NA	16
Aroclor 1254	UG/KG	ND	16	ND	16	NA	16	NA	16	NA	16
Aroclor 1260	UG/KG	ND	16	ND	16	NA	16	NA	16	NA	16
SURROGATE(S)											
Tetrachloro-m-Xylene	%	82	32-148	87	32-148	NA	32-148	NA	32-148	NA	32-148
Decachlorobiphenyl	%	85	36-153	78	36-153	NA	36-153	NA	36-153	NA	36-153

Date: 10/20/2004
Time: 10:43:45

Gallagher Beach
Gallagher Beach
METHOD 8081 - TCL PESTICIDES

Rept: AN0326

Client ID Job No Sample Date	Lab ID	Matrix Spike Blank A04-9569	Matrix Spike Blank A4B1703701	Matrix Spike Blank A04-9569	Matrix Spike Blank A4B1703801	Matrix Spike Blk Dup A04-9569	Matrix Spike Blk Dup A4B1703702	Matrix Spike Blk Dup A04-9569	Reporting Limit
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aldrin	UG/KG	10	1.6	13	1.7	10	1.7	12	1.6
alpha-BHC	UG/KG	11	1.6	13	1.7	11	1.7	12	1.6
beta-BHC	UG/KG	11	1.6	13	1.7	11	1.7	12	1.6
gamma-BHC (Lindane)	UG/KG	10	1.6	12	1.7	11	1.7	11	1.6
delta-BHC	UG/KG	12	1.6	15	1.7	13	1.7	14	1.6
Chlordane	UG/KG	ND	1.6	ND	1.6	ND	1.7	ND	1.6
4,4'-DDD	UG/KG	13	1.6	19	1.7	13	1.7	16	1.6
4,4'-DDE	UG/KG	12	1.6	14	1.7	13	1.7	13	1.6
4,4'-DDT	UG/KG	14	1.6	20	1.7	15	1.7	16	1.6
Dieldrin	UG/KG	12	1.6	14	1.7	12	1.7	12	1.6
Endosulfan I	UG/KG	11	1.6	13	1.7	11	1.7	12	1.6
Endosulfan II	UG/KG	13	1.6	17	1.7	14	1.7	15	1.6
Endosulfan sulfate	UG/KG	14	1.6	16	1.7	15	1.7	14	1.6
Endrin	UG/KG	12	1.6	21	1.7	13	1.7	19	1.6
Endrin ketone	UG/KG	14	1.6	15	1.7	15	1.7	14	1.6
Endrin aldehyde	UG/KG	14	1.6	17	1.7	14	1.7	13	1.6
Heptachlor	UG/KG	11	1.6	13	1.7	11	1.7	12	1.6
Heptachlor epoxide	UG/KG	11	1.6	11	1.7	11	1.7	11	1.6
Methoxychlor	UG/KG	14	1.6	15	1.7	15	1.7	14	1.6
Toxaphene	UG/KG	ND	3.2	ND	3.3	ND	3.3	ND	3.2
SURROGATE(S)									
Tetrachloro-m-xylene	%	71	38-132	97	38-132	73	38-132	96	38-132
Decachlorobiphenyl	%	96	46-151	98	46-151	98	46-151	96	46-151

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 10/20/2004
Time: 10:43:45

Gallagher Beach
Gallagher Beach

METHOD 8082 - POLYCHLORINATED BIPHENYLS

Rept: AN0326

Client ID Job No Sample Date	Lab ID	Matrix Spike Blank A04-9569 A4B1703901	Matrix Spike Blank A04-9569 A4B1704901	Matrix Spike Blk Dup A04-9569 A4B1703902	SS-24 A04-9569 09/30/2004	A4956928WS
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Reporting Limit
Aroclor 1016	UG/KG	ND	16	ND	17	19
Aroclor 1221	UG/KG	ND	16	ND	17	19
Aroclor 1232	UG/KG	ND	16	ND	17	19
Aroclor 1242	UG/KG	ND	16	ND	17	19
Aroclor 1248	UG/KG	ND	16	ND	17	19
Aroclor 1254	UG/KG	160	16	150	17	19
Aroclor 1260	UG/KG	ND	16	ND	17	19
SURROGATE(S)						
Tetrachloro-m-Xylene	%	86	32-148	82	32-148	32-148
Decachlorobiphenyl	%	89	36-153	80	36-153	36-153

Client ID Job No Sample Date	Lab ID	SS-24 A04-9569 09/30/2004	A4956928SD	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	UG/KG	ND	18	NA	18	NA	18	NA	18
Aroclor 1221	UG/KG	ND	18	NA	18	NA	18	NA	18
Aroclor 1232	UG/KG	ND	18	NA	18	NA	18	NA	18
Aroclor 1242	UG/KG	ND	18	NA	18	NA	18	NA	18
Aroclor 1248	UG/KG	ND	18	NA	18	NA	18	NA	18
Aroclor 1254	UG/KG	150	18	NA	18	NA	18	NA	18
Aroclor 1260	UG/KG	ND	18	NA	18	NA	18	NA	18
SURROGATE(S)									
Tetrachloro-m-Xylene	%	80	32-148	NA	32-148	NA	32-148	NA	32-148
Decachlorobiphenyl	%	62	36-153	NA	36-153	NA	36-153	NA	36-153

65/132

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 10/20/2004
Time: 10:43:57

Gallagher Beach
Gallagher Beach
TOTAL TCL METALS

Rept: AN0326

66/132

Client ID Job No Sample Date	Lab ID	MBLK A04-9569	A4B1706702	Method Blank A04-9569	A4B1702102	Method Blank A04-9569	A4B1702202	Method Blank A04-9569	A4B1706704
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aluminum - Total	Mg/Kg	NA		ND	10	ND	10	NA	
Antimony - Total	Mg/Kg	NA		ND	15.0	ND	15.0	NA	
Arsenic - Total	Mg/Kg	NA		ND	2.0	ND	2.0	NA	
Barium - Total	Mg/Kg	NA		ND	0.50	ND	0.50	NA	
Beryllium - Total	Mg/Kg	NA		ND	0.20	ND	0.20	NA	
Cadmium - Total	Mg/Kg	NA		ND	0.20	ND	0.20	NA	
Calcium - Total	Mg/Kg	NA		ND	10	ND	10	NA	
Chromium - Total	Mg/Kg	NA		ND	0.50	ND	0.50	NA	
Cobalt - Total	Mg/Kg	NA		ND	0.50	ND	0.50	NA	
Copper - Total	Mg/Kg	NA		ND	1.0	ND	1.0	NA	
Iron - Total	Mg/Kg	NA		ND	10	ND	10	NA	
Lead - Total	Mg/Kg	NA		ND	1.0	ND	1.0	NA	
Magnesium - Total	Mg/Kg	NA		ND	20.0	ND	20.0	NA	
Manganese - Total	Mg/Kg	NA		ND	0.20	ND	0.20	NA	
Mercury - Total	Mg/Kg	ND	0.020	NA		NA		ND	0.020
Nickel - Total	Mg/Kg	NA		ND	0.50	ND	0.50	NA	
Potassium - Total	Mg/Kg	NA		ND	30.0	ND	30.0	NA	
Selenium - Total	Mg/Kg	NA		ND	4.0	ND	4.0	NA	
Silver - Total	Mg/Kg	NA		ND	0.50	ND	0.50	NA	
Sodium - Total	Mg/Kg	NA		ND	140	ND	140	NA	
Thallium - Total	Mg/Kg	NA		ND	6.0	ND	6.0	NA	
Vanadium - Total	Mg/Kg	NA		ND	0.50	ND	0.50	NA	
Zinc - Total	Mg/Kg	NA		ND	2.0	ND	2.0	NA	

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 10/20/2004
Time: 10:43:57

Gallagher Beach
Gallagher Beach
TOTAL TCL METALS

Rept: AN0326

Client ID	Lab ID	Method Blank		A4B1706706					
Job No		A04-9569							
Sample Date									
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Mercury - Total	MG/KG	ND	0.020	NA		NA		NA	

Date: 10/20/2004
Time: 10:43:57

Gallagher Beach
Gallagher Beach
TOTAL TCL METALS

Rept: AN0326

68/132

Client ID Job No Sample Date	Lab ID	LCS A04-9569	A4B1706701	LCS A04-9569	A4B1706703	LCS A04-9569	A4B1706705	LCS CLP soils A04-9569	A4B1702101
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aluminum - Total	MG/KG	NA		NA		NA		6720	10
Antimony - Total	MG/KG	NA		NA		NA		64.5	15.0
Arsenic - Total	MG/KG	NA		NA		NA		135	2.0
Barium - Total	MG/KG	NA		NA		NA		138	0.50
Beryllium - Total	MG/KG	NA		NA		NA		64.8	0.20
Cadmium - Total	MG/KG	NA		NA		NA		232	0.20
Calcium - Total	MG/KG	NA		NA		NA		3260	10
Chromium - Total	MG/KG	NA		NA		NA		91.1	0.50
Cobalt - Total	MG/KG	NA		NA		NA		43.5	0.50
Copper - Total	MG/KG	NA		NA		NA		67.2	1.0
Iron - Total	MG/KG	NA		NA		NA		11500	10
Lead - Total	MG/KG	NA		NA		NA		73.5	1.0
Magnesium - Total	MG/KG	NA		NA		NA		2010	20.0
Manganese - Total	MG/KG	NA		NA		NA		251	0.20
Mercury - Total	MG/KG	NA	0.24	NA	0.24	NA	0.24	NA	
Nickel - Total	MG/KG	3.1		3.1		3.1		NA	
Potassium - Total	MG/KG	NA		NA		NA		71.0	0.50
Selenium - Total	MG/KG	NA		NA		NA		2040	29.9
Silver - Total	MG/KG	NA		NA		NA		81.5	4.0
Sodium - Total	MG/KG	NA		NA		NA		129	0.50
Thallium - Total	MG/KG	NA		NA		NA		374	140
Vanadium - Total	MG/KG	NA		NA		NA		123	6.0
Zinc - Total	MG/KG	NA		NA		NA		101	0.50
								129	2.0

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 10/20/2004
Time: 10:43:57

Gallagher Beach
Gallagher Beach
TOTAL TCL METALS

Rept: AN0326

Client ID Job No Sample Date		LCS CLP Soils A04-9569		A4B1702201		SS-1 A04-9569 09/30/2004		A4956901MS		SS-1 A04-9569 09/30/2004		A4956901SD	
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aluminum - Total	Mg/KG	6650	10	16800	12.5	16700	13.2	NA	13.2	NA	13.2	NA	13.2
Antimony - Total	Mg/KG	62.2	14.9	ND	18.7	ND	19.8	NA	19.8	NA	19.8	NA	19.8
Iron - Total	Mg/KG	11800	10	26100	12.5	25000	13.2	NA	13.2	NA	13.2	NA	13.2
Magnesium - Total	Mg/KG	1980	19.9	6790	25.0	7320	26.4	NA	26.4	NA	26.4	NA	26.4
Potassium - Total	Mg/KG	2010	29.9	3160	37.5	3290	39.6	NA	39.6	NA	39.6	NA	39.6
Sodium - Total	Mg/KG	366	139	1260	175	1410	185	NA	185	NA	185	NA	185
Zinc - Total	Mg/KG	130	2.0	127	2.5	138	2.6	NA	2.6	NA	2.6	NA	2.6
Vanadium - Total	Mg/KG	101	0.50	49.3	0.62	51.6	0.66	NA	0.66	NA	0.66	NA	0.66
Lead - Total	Mg/KG	73.9	1.0	50.6	1.2	63.1	1.3	NA	1.3	NA	1.3	NA	1.3
Chromium - Total	Mg/KG	90.9	0.50	43.7	0.62	46.7	0.66	NA	0.66	NA	0.66	NA	0.66
Calcium - Total	Mg/KG	3260	10	12800	12.5	18400	13.2	NA	13.2	NA	13.2	NA	13.2
Cadmium - Total	Mg/KG	232	0.20	22.8	0.25	25.2	0.26	NA	0.26	NA	0.26	NA	0.26
Beryllium - Total	Mg/KG	66.0	0.20	24.1	0.25	26.2	0.26	NA	0.26	NA	0.26	NA	0.26
Barium - Total	Mg/KG	138	0.50	95.7	0.62	103	0.66	NA	0.66	NA	0.66	NA	0.66
Arsenic - Total	Mg/KG	134	2.0	32.3	2.5	34.2	2.6	NA	2.6	NA	2.6	NA	2.6
Cobalt - Total	Mg/KG	43.8	0.50	33.3	0.62	35.3	0.66	NA	0.66	NA	0.66	NA	0.66
Copper - Total	Mg/KG	67.1	1.0	45.1	1.2	50.6	1.3	NA	1.3	NA	1.3	NA	1.3
Manganese - Total	Mg/KG	249	0.20	559	0.25	741	0.26	NA	0.26	NA	0.26	NA	0.26
Mercury - Total	Mg/KG	NA	0.42	0.42	0.023	0.52	0.024	NA	0.024	NA	0.024	NA	0.024
Nickel - Total	Mg/KG	70.0	0.50	49.4	0.62	51.6	0.66	NA	0.66	NA	0.66	NA	0.66
Selenium - Total	Mg/KG	84.0	4.0	23.8	5.0	25.8	5.3	NA	5.3	NA	5.3	NA	5.3
Silver - Total	Mg/KG	129	0.50	5.8	0.62	6.4	0.66	NA	0.66	NA	0.66	NA	0.66
Thallium - Total	Mg/KG	124	6.0	23.9	7.5	26.0	7.9	NA	7.9	NA	7.9	NA	7.9

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 10/20/2004
Time: 10:44:00

Gallagher Beach
Gallagher Beach
WET CHEMISTRY ANALYSIS

Rept: AN0326

Client ID	Lab ID	Method Blank					
Job No		A04-9569		A4B1707704			
Sample Date							
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Cyanide - Total	ug/g	ND	1.0	NA		NA	

Date: 10/20/2004
Time: 10:44:00

Gallagher Beach
Gallagher Beach
WET CHEMISTRY ANALYSIS

Rept: AN0326

Client ID	Lab ID	LCS	SS-16	A4956919MS			
Job No		A04-9569	A04-9569				
Sample Date			09/30/2004				
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Cyanide - Total	UG/G	217	1.0	7.4	0.010	NA	NA

Date : 10/20/2004 10:44:08

WATTS ENGINEERS
SAMPLE DATE 09/30/2004

Rept: AN0364

client Sample ID: SS-26 DEEP SS-26 DEEP
Lab Sample ID: A4956930 A4956930MS A4956930SD

Analyte	Units of Measure	Sample	Concentration		Spike Amount		% Recovery		% RPD	QC LIMITS	
			Matrix Spike	Spike Duplicate	MS	MSD	MS	MSD		RPD	REC.
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS											
Phenol	UG/KG	0	3128	3030	4039	4016	77	75	3	25.0	35-120
2-Chlorophenol	UG/KG	0	3093	2862	4039	4016	76	71	7	26.0	34-118
1,4-Dichlorobenzene	UG/KG	0	2885	2798	4039	4016	71	70	1	30.0	30-120
N-Nitroso-Di-n-propylamine	UG/KG	0	3192	2955	4039	4016	79	74	6	20.0	42-131
1,2,4-Trichlorobenzene	UG/KG	0	3156	3026	4039	4016	78	75	4	24.0	32-120
4-Chloro-3-methylphenol	UG/KG	0	3052	2888	4039	4016	76	72	5	20.0	45-135
Acenaphthene	UG/KG	296	3817	3572	4039	4016	87	82	6	16.0	49-131
4-Nitrophenol	UG/KG	0	1200	1173	4039	4016	30 *	29 *	3	25.0	36-142
2,4-Dinitrotoluene	UG/KG	0	1635	1542	4039	4016	40 *	38 *	5	19.0	45-138
Pentachlorophenol	UG/KG	0	0	0	4039	4016	0 *	0 *	0	27.0	28-135
Pyrene	UG/KG	3291	6224	6229	4039	4016	73	73	0	25.0	48-154

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* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

STL Buffalo

Date : 10/20/2004 10:44:08

WATTS ENGINEERS

Rept: AN0364

Client Sample ID: S Blank
Lab Sample ID: A481705102
Matrix Spike Blank
A481705101

Analyte	Units of Measure	Concentration		% Recovery Blank Spike	QC LIMITS
		Blank Spike	Spike Amount		
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS					
Phenol	UG/KG	2505	3277	76	35-120
2-Chlorophenol	UG/KG	2524	3277	77	34-118
1,4-Dichlorobenzene	UG/KG	2389	3277	73	30-120
N-Nitroso-Di-n-propylamine	UG/KG	2907	3277	89	42-131
1,2,4-Trichlorobenzene	UG/KG	2500	3277	76	32-120
4-Chloro-3-methylphenol	UG/KG	2929	3277	89	45-135
Acenaphthene	UG/KG	2778	3277	85	49-131
4-Nitrophenol	UG/KG	3122	3277	95	36-142
2,4-Dinitrotoluene	UG/KG	2999	3277	92	45-138
Pentachlorophenol	UG/KG	3045	3277	93	28-135
Pyrene	UG/KG	3241	3277	99	48-154

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

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STL Buffalo

Client Sample ID: S Blank
Lab Sample ID: A4B1705202

Matrix Spike Blank
A4B1705201

Analyte	Units of Measure	Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS					
Phenol	UG/KG	2145	3281	65	35-120
2-Chlorophenol	UG/KG	2017	3281	61	34-118
1,4-Dichlorobenzene	UG/KG	1993	3281	61	30-120
N-Nitroso-Di-n-propylamine	UG/KG	2416	3281	74	42-131
1,2,4-Trichlorobenzene	UG/KG	2061	3281	63	32-120
4-Chloro-3-methylphenol	UG/KG	2486	3281	76	45-135
Acenaphthene	UG/KG	2491	3281	76	49-131
4-Nitrophenol	UG/KG	2634	3281	80	36-142
2,4-Dinitrotoluene	UG/KG	2592	3281	79	45-138
Pentachlorophenol	UG/KG	1870	3281	57	28-135
Pyrene	UG/KG	2739	3281	83	48-154

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Date : 10/20/2004 10:44:12

WATTS ENGINEERS
SAMPLE DATE 09/30/2004

Rept: AN0364

Client Sample ID: SS-24
Lab Sample ID: A4956928SS-24
A4956928MSSS-24
A4956928SD

Analyte	Units of Measure	Sample	Concentration			Spike Amount		% Recovery		% RPD	QC LIMITS	
			Matrix spike	spike Duplicate	MS	MS	MSD	MS	MSD		RPD	REC.
METHOD 8082 - POLYCHLORINATED BIPHENYLS Aroclor 1254	UG/KG	7.76	147	148	186	184	75	76	76	1	30.0	52-153

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* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

STL Buffalo

Client Sample ID: Method Blank
Lab Sample ID: A4B1703703Matrix Spike Blank
A4B1703701Matrix Spike Blk Dup
A4B1703702

Analyte	Units of Measure	Concentration		Spike Amount		% Recovery		% RPD	QC LIMITS	
		Spike Blank	Spike Blank Dup	SB	SBD	SB	SBD		RPD	REC.
METHOD 8081 - TCL PESTICIDES										
Aldrin	UG/KG	9.96	9.97	16.2	16.6	61	60	2	30.0	48-128
alpha-BHC	UG/KG	10.8	11.3	16.2	16.6	67	68	1	30.0	47-123
Beta-BHC	UG/KG	10.7	11.3	16.2	16.6	66	68	3	30.0	56-129
delta-BHC	UG/KG	12.0	12.7	16.2	16.6	74	77	4	30.0	42-127
Gamma-BHC (Lindane)	UG/KG	10.1	10.7	16.2	16.6	62	64	3	30.0	42-136
4,4'-DDD	UG/KG	12.7	13.2	16.2	16.6	78	80	2	30.0	42-133
4,4'-DDE	UG/KG	12.3	12.7	16.2	16.6	76	77	1	30.0	44-136
4,4'-DDT	UG/KG	14.3	14.8	16.2	16.6	88	90	2	30.0	49-148
Dieldrin	UG/KG	11.5	11.9	16.2	16.6	71	72	1	30.0	51-132
Endosulfan I	UG/KG	10.8	11.2	16.2	16.6	67	68	1	30.0	42-132
Endosulfan II	UG/KG	13.1	13.7	16.2	16.6	81	83	2	30.0	44-135
Endosulfan Sulfate	UG/KG	14.2	14.9	16.2	16.6	88	90	2	30.0	42-136
Endrin aldehyde	UG/KG	13.7	14.1	16.2	16.6	85	85	0	30.0	37-123
Endrin	UG/KG	12.0	12.6	16.2	16.6	74	76	3	30.0	41-132
Heptachlor	UG/KG	11.3	10.6	16.2	16.6	70	64	9	30.0	43-127
Heptachlor epoxide	UG/KG	10.8	11.1	16.2	16.6	67	67	0	30.0	45-128
Methoxychlor	UG/KG	14.1	14.9	16.2	16.6	87	90	3	30.0	42-140
Endrin ketone	UG/KG	14.3	15.1	16.2	16.6	89	91	2	30.0	50-150

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: Method Blank Matrix Spike Blank Matrix Spike Blk Dup
 Lab Sample ID: A4B1703803 A4B1703801 A4B1703802

Analyte	Units of Measure	Concentration		Spike Amount		% Recovery		% RPD	QC LIMITS	
		Spike Blank	Spike Blank Dup	SB	SBD	SB	SBD		RPD	REC.
METHOD 8081 - TCL PESTICIDES										
Aldrin	ug/kg	13.0	11.8	16.5	16.1	79	73	8	30.0	48-128
alpha-BHC	ug/kg	13.4	11.9	16.5	16.1	81	74	9	30.0	47-123
beta-BHC	ug/kg	13.0	11.9	16.5	16.1	79	74	6	30.0	56-129
delta-BHC	ug/kg	14.8	13.5	16.5	16.1	89	84	6	30.0	42-127
gamma-BHC (Lindane)	ug/kg	12.2	11.0	16.5	16.1	74	69	7	30.0	42-136
4,4'-DDD	ug/kg	18.7	16.5	16.5	16.1	113	102	10	30.0	42-133
4,4'-DDE	ug/kg	14.3	13.2	16.5	16.1	87	82	6	30.0	44-136
4,4'-DDT	ug/kg	20.0	15.8	16.5	16.1	121	98	21	30.0	49-148
Dieldrin	ug/kg	13.5	12.5	16.5	16.1	82	78	5	30.0	51-132
Endosulfan I	ug/kg	13.0	12.1	16.5	16.1	79	75	5	30.0	42-132
Endosulfan II	ug/kg	17.2	15.1	16.5	16.1	104	94	10	30.0	44-135
Endosulfan sulfate	ug/kg	15.8	14.0	16.5	16.1	96	87	10	30.0	42-136
Endrin aldehyde	ug/kg	17.4	13.3	16.5	16.1	105	82	24	30.0	37-123
Endrin	ug/kg	20.9	19.1	16.5	16.1	127	118	7	30.0	41-132
Heptachlor	ug/kg	13.1	11.9	16.5	16.1	80	74	8	30.0	43-127
Heptachlor epoxide	ug/kg	11.3	10.8	16.5	16.1	68	67	1	30.0	45-128
Methoxychlor	ug/kg	14.7	14.0	16.5	16.1	89	87	2	30.0	42-140
Endrin ketone	ug/kg	15.2	14.0	16.5	16.1	92	87	6	30.0	50-150

* Indicates Result is outside QC Limits
 NC = Not Calculated ND = Not Detected

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WATTS ENGINEERS

Rept: AN0364

Client Sample ID: Method Blank
Lab Sample ID: A481703903Matrix Spike Blank
A481703901Matrix Spike Blk Dup
A481703902

Analyte	Units of Measure	Concentration			Spike Amount			% Recovery			% RPD		QC LIMITS	
		spike Blank	spike Blank Dup	SB	SB	SBD	SB	SBD	Avg	% RPD	RPD	REC.	RPD	REC.
METHOD 8082 - POLYCHLORINATED BIPHENYLS Aroclor 1254	UG/KG	159	153	163	166	92	98	95	95	6	30.0	52-153		

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* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

STL Buffalo

Date : 10/20/2004 10:44:12

WATTS ENGINEERS

Rept: AN0364

Client Sample ID: Method Blank
Lab Sample ID: A481704902

Matrix Spike Blank
A481704901

Analyte	Units of Measure	Blank spike	Concentration spike Amount	% Recovery Blank Spike	QC LIMITS
METHOD 8082 - POLYCHLORINATED BIPHENYLS Aroclor 1254	UG/KG	147	162	90	52-153

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

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STL Buffalo

Client Sample ID: SS-1
Lab Sample ID: A4956901SS-1
A4956901MSSS-1
A4956901SD

Analyte	Units of Measure	Sample	Concentration		Spike Amount		% Recovery		% RPD	QC LIMITS	
			Matrix Spike	Spike Duplicate	MS	MSD	MS	MSD		RPD	REC.
TOTAL TCL METALS											
TOTAL ALUMINUM	MG/KG	16051	16821	16697	1249	1320	62 *	49 *	23 *	20.0	80-120
TOTAL ANTIMONY	MG/KG	0	8.66	9.52	24.99	26.41	35 *	36 *	3	20.0	80-120
TOTAL ARSENIC	MG/KG	5.86	32.27	34.19	24.99	26.41	106	107	0.	20.0	80-120
TOTAL BARIUM	MG/KG	75.52	95.66	103.4	24.99	26.41	80	106	28 *	20.0	80-120
TOTAL BERYLLIUM	MG/KG	0.853	24.13	26.23	24.99	26.41	93	96	3	20.0	80-120
TOTAL CADMIUM	MG/KG	0.546	22.83	25.21	24.99	26.41	89	93	4	20.0	80-120
TOTAL CHROMIUM	MG/KG	10161	12756	18372	1249	1320	208 *	622 *	100 *	20.0	80-120
TOTAL CHROMIUM	MG/KG	22.08	43.71	46.67	24.99	26.41	86	93	8	20.0	80-120
TOTAL COBALT	MG/KG	10.03	33.27	35.27	24.99	26.41	93	96	3	20.0	80-120
TOTAL COPPER	MG/KG	20.70	45.06	50.58	24.99	26.41	97	113	15	20.0	80-120
TOTAL IRON	MG/KG	26765	26092	24964	49.98	52.83	-999 *	-999 *	86 *	20.0	80-120
TOTAL LEAD	MG/KG	28.61	50.58	63.12	24.99	26.41	88	131 *	39 *	20.0	80-120
TOTAL MAGNESIUM	MG/KG	4957	6790	7323	1249	1320	147 *	179 *	20	20.0	80-120
TOTAL MANGANESE	MG/KG	525.7	559.3	741.4	24.99	26.41	134 *	816 *	144 *	20.0	80-120
TOTAL MERCURY	MG/KG	0.0757	0.418	0.516	0.389	0.399	88	110	22 *	20.0	80-120
TOTAL NICKEL	MG/KG	28.01	49.36	51.61	24.99	26.41	85	89	4	20.0	80-120
TOTAL POTASSIUM	MG/KG	2189	3156	3294	1249	1320	77 *	84	9	20.0	80-120
TOTAL SELENIUM	MG/KG	1.11	23.84	25.79	24.99	26.41	91	93	2	20.0	80-120
TOTAL SILVER	MG/KG	0.199	5.78	6.40	4.99	5.28	112	117	4	20.0	80-120
TOTAL SODIUM	MG/KG	102.8	1261	1412	1249	1320	93	99	6	20.0	80-120
TOTAL THALLIUM	MG/KG	1.01	23.93	25.99	24.99	26.41	92	94	2	20.0	80-120
TOTAL VANADIUM	MG/KG	27.29	49.26	51.65	24.99	26.41	88	92	4	20.0	80-120
TOTAL ZINC	MG/KG	104.0	127.0	137.7	24.99	26.41	92	127 *	32 *	20.0	80-120

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WATTS ENGINEERS

Rept: AN0364

Client Sample ID: MBLK
Lab Sample ID: A481706702

LCS
A481706701

Analyte	Units of Measure	Concentration		% Recovery Blank Spike	QC LIMITS
		Blank Spike	Spike Amount		
TOTAL TCL METALS TOTAL MERCURY	MG/KG	3.14	4.00	78 *	80-120

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: Method Blank
Lab Sample ID: A4B1702102

LCS CLP Soils
A4B1702101

Analyte	Units of Measure	Concentration		% Recovery Blank Spike	QC LIMITS
		Blank Spike	Spike Amount		
TOTAL TCL METALS					
TOTAL ALUMINUM	MG/KG	6716	6830	98	80-120
TOTAL ANTIMONY	MG/KG	64.54	75.50	85	80-120
TOTAL ARSENIC	MG/KG	132.9	136.0	98	80-120
TOTAL BARIUM	MG/KG	138.1	141.0	98	80-120
TOTAL BERYLLIUM	MG/KG	64.79	66.80	97	80-120
TOTAL CADMIUM	MG/KG	232.3	246.0	94	80-120
TOTAL CALCIUM	MG/KG	3258	3430	95	80-120
TOTAL CHROMIUM	MG/KG	91.12	95.50	95	80-120
TOTAL COBALT	MG/KG	43.47	44.60	97	80-120
TOTAL COPPER	MG/KG	67.19	66.30	101	80-120
TOTAL IRON	MG/KG	11476	12100	95	80-120
TOTAL LEAD	MG/KG	73.46	74.20	99	80-120
TOTAL MAGNESIUM	MG/KG	2009	2040	98	80-120
TOTAL MANGANESE	MG/KG	250.8	252.0	100	80-120
TOTAL NICKEL	MG/KG	71.03	72.70	98	80-120
TOTAL POTASSIUM	MG/KG	2038	1970	103	80-120
TOTAL SELENIUM	MG/KG	81.46	80.40	101	80-120
TOTAL SILVER	MG/KG	128.9	127.0	102	80-120
TOTAL SODIUM	MG/KG	374.2	400.0	92	80-120
TOTAL THALLIUM	MG/KG	123.0	120.0	102	80-120
TOTAL VANADIUM	MG/KG	100.6	107.0	94	80-120
TOTAL ZINC	MG/KG	129.0	136.0	95	80-120

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

client Sample ID: Method Blank
Lab Sample ID: A4B1702202

LCS CLP Soils
A4B1702201

Analyte	Units of Measure	Concentration		% Recovery Blank Spike	QC LIMITS
		Blank Spike	Spike Amount		
TOTAL TCL METALS					
TOTAL ALUMINUM	MG/KG	6648	6830	97	80-120
TOTAL ANTIMONY	MG/KG	62.18	75.50	82	80-120
TOTAL ARSENIC	MG/KG	134.2	136.0	99	80-120
TOTAL BARIUM	MG/KG	138.1	141.0	98	80-120
TOTAL BERYLLIUM	MG/KG	65.95	66.80	99	80-120
TOTAL CADMIUM	MG/KG	231.6	246.0	94	80-120
TOTAL CALCIUM	MG/KG	3265	3430	95	80-120
TOTAL CHROMIUM	MG/KG	90.87	95.50	95	80-120
TOTAL COBALT	MG/KG	43.80	44.60	98	80-120
TOTAL COPPER	MG/KG	67.12	66.30	101	80-120
TOTAL IRON	MG/KG	11797	12100	97	80-120
TOTAL LEAD	MG/KG	73.94	74.20	99	80-120
TOTAL MAGNESIUM	MG/KG	1981	2040	97	80-120
TOTAL MANGANESE	MG/KG	249.0	252.0	99	80-120
TOTAL NICKEL	MG/KG	70.00	72.70	96	80-120
TOTAL POTASSIUM	MG/KG	2010	1970	102	80-120
TOTAL SELENIUM	MG/KG	84.00	80.40	104	80-120
TOTAL SILVER	MG/KG	128.6	127.0	101	80-120
TOTAL SODIUM	MG/KG	366.3	400.0	91	80-120
TOTAL THALLIUM	MG/KG	124.0	120.0	103	80-120
TOTAL VANADIUM	MG/KG	101.3	107.0	95	80-120
TOTAL ZINC	MG/KG	130.4	136.0	96	80-120

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: Method Blank
Lab Sample ID: A481706704

LCS
A481706703

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
TOTAL TCL METALS TOTAL MERCURY	MG/KG	3.06	4.00	76 *	80-120

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WATTS ENGINEERS

Rept: AN0364

Client Sample ID: Method Blank LCS
Lab Sample ID: A481706706 A481706705

Analyte	Units of Measure	Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
TOTAL TCL METALS TOTAL MERCURY	MG/KG	3.11	4.00	78 *	80-120

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

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STL Buffalo

Date : 10/20/2004 10:44:26

WATTS ENGINEERS
SAMPLE DATE 09/30/2004

Rept: AN0364

Client Sample ID: SS-16
Lab Sample ID: A4956919

SS-16
A4956919MS

Analyte	Units of Measure	Concentration		Spike Amount	% Recovery MS	QC LIMITS
		Sample	Matrix Spike			
WET CHEMISTRY ANALYSIS METHOD 9012 - TOTAL CYANIDE	UG/G	0	7.44	10.0	74 *	85-115

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

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STL Buffalo

Date : 10/20/2004 10:44:26

WATTS ENGINEERS

Rept: AN0364

Client Sample ID: Method Blank
Lab Sample ID: A481707704

LCS
A481707703

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
WET CHEMISTRY ANALYSIS METHOD 9012 - TOTAL CYANIDE	UG/G	217.0	277.0	78	60-118

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

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STL Buffalo

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WATTS ENGINEERS
QC SAMPLE CHRONOLOGY

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METHOD 8260 - TCL VOLATILE ORGANICS

Client Sample ID Job No & Lab Sample ID	MSB29 A04-9569 A481722801	SS-2 DEEP A04-9569 A4956903MS	SS-2 DEEP A04-9569 A4956903SD	
Sample Date Received Date Extraction Date Analysis Date Extraction HT Met? Analytical HT Met? Sample Matrix Dilution Factor Sample wt/vol % Dry	10/04/2004 11:09 - - - - - SOIL 1.0 5.0 100.00	09/30/2004 09:30 09/30/2004 16:53 10/04/2004 21:36 - - YES SOIL 1.0 5.18 91.65	09/30/2004 09:30 09/30/2004 16:53 10/04/2004 22:04 - - YES SOIL 1.0 5.0 91.65	

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Date: 10/20/2004
Time: 10:44:29

WATTS ENGINEERS
QC SAMPLE CHRONOLOGY

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METHOD 8260 - TCL VOLATILE ORGANICS

Client Sample ID Job No & Lab Sample ID	VBLK29 A04-9569 A481722802			
Sample Date Received Date Extraction Date Analysis Date Extraction HT Met? Analytical HT Met? Sample Matrix Dilution Factor Sample wt/vol % Dry	10/04/2004 12:41 - - SOIL 1.0 5.0 100.00	LOW GRAMS		

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Date: 10/20/2004
Time: 10:44:34

WATTS ENGINEERS
SAMPLE CHRONOLOGY

Rept: AN0374
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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Job No & Lab Sample ID	Client Sample ID	SS-1 A04-9569 A4956901	SS-10 A04-9569 A4956913	SS-11 A04-9569 A4956914	SS-12 A04-9569 A4956915	SS-13 A04-9569 A4956916
Sample Date	09/30/2004 09:10	09/30/2004 13:00	09/30/2004 13:10	09/30/2004 13:20	09/30/2004 13:35	09/30/2004 13:53
Received Date	09/30/2004 16:53	09/30/2004 16:53	09/30/2004 16:53	09/30/2004 16:53	09/30/2004 16:53	09/30/2004 16:53
Extraction Date	10/04/2004 07:00	10/04/2004 07:00	10/04/2004 07:00	10/04/2004 07:00	10/04/2004 07:00	10/04/2004 07:00
Analysis Date	10/08/2004 15:53	10/09/2004 12:17	10/09/2004 12:45	10/09/2004 13:13	10/09/2004 13:13	10/09/2004 13:41
Extraction HT Met?	YES	YES	YES	YES	YES	YES
Analytical HT Met?	YES	YES	YES	YES	YES	YES
Sample Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Dilution Factor	5.0	1.0	5.0	1.0	1.0	1.0
Sample wt/vol	30.47	30.81	30.48	30.33	30.11	30.11
% Dry	86.23	86.88	93.61	97.53	84.89	84.89

Date: 10/20/2004
Time: 10:44:34

WATTS ENGINEERS
SAMPLE CHRONOLOGY

Rept: AN0374
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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Client Sample ID Job No & Lab Sample ID	SS-14 A04-9569 A4956917	SS-15 A04-9569 A4956918	SS-16 A04-9569 A4956919	SS-17 A04-9569 A4956920	SS-18 A04-9569 A4956921
Sample Date	09/30/2004 13:50	09/30/2004 14:00	09/30/2004 14:40	09/30/2004 14:30	09/30/2004 14:20
Received Date	09/30/2004 16:53	09/30/2004 16:53	09/30/2004 16:53	09/30/2004 16:53	09/30/2004 16:53
Extraction Date	10/04/2004 07:00	10/04/2004 07:00	10/04/2004 07:00	10/04/2004 07:00	10/04/2004 07:00
Analysis Date	10/09/2004 14:09	10/09/2004 14:37	10/09/2004 15:05	10/09/2004 15:34	10/08/2004 10:17
Extraction HT Met?	YES	YES	YES	YES	YES
Analytical HT Met?	YES	YES	YES	YES	YES
Sample Matrix	SOIL	SOIL	SOIL	SOIL	SOIL
Dilution Factor	5.0	10.0	5.0	1.0	5.0
Sample wt/vol	30.59	30.5	30.64	30.32	30.36
% Dry	86.37	96.30	87.07	92.28	94.29
			GRAMS	GRAMS	GRAMS
			LOW	LOW	LOW

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Client Sample ID Job No & Lab Sample ID	SS-19 A04-9569 A4956922	SS-2 A04-9569 A4956902	SS-2 DEEP A04-9569 A4956903	SS-20 A04-9569 A4956923	SS-20 DEEP A04-9569 A4956924
Sample Date	09/30/2004 14:10	09/30/2004 09:30	09/30/2004 09:30	09/30/2004 14:50	09/30/2004 14:50
Received Date	09/30/2004 16:53	09/30/2004 16:53	09/30/2004 16:53	09/30/2004 16:53	09/30/2004 16:53
Extraction Date	10/04/2004 07:00	10/04/2004 07:00	10/04/2004 07:00	10/04/2004 07:00	10/04/2004 07:00
Analysis Date	10/08/2004 10:51	10/08/2004 16:02	10/08/2004 16:31	10/08/2004 11:26	10/08/2004 12:00
Extraction HT Met?	YES	YES	YES	YES	YES
Analytical HT Met?	YES	YES	YES	YES	YES
Sample Matrix	SOIL	SOIL	SOIL	SOIL	SOIL
Dilution Factor	5.0	5.0	5.0	5.0	5.0
Sample wt/vol	30.5	30.49	30.4	30.25	30.24
% Dry	94.13	91.59	91.34	84.52	92.72
					GRAMS

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Client Sample ID Job No & Lab Sample ID	SS-21 A04-9569 A4956925	SS-22 A04-9569 A4956926	SS-23 A04-9569 A4956927	SS-24 A04-9569 A4956928	SS-25 A04-9569 A4956929
Sample Date	09/30/2004 15:05	09/30/2004 15:15	09/30/2004 15:30	09/30/2004 15:35	09/30/2004 15:40
Received Date	09/30/2004 16:53	09/30/2004 16:53	09/30/2004 16:53	09/30/2004 16:53	09/30/2004 16:53
Extraction Date	10/04/2004 07:00	10/04/2004 07:00	10/04/2004 07:00	10/04/2004 07:00	10/04/2004 07:00
Analysis Date	10/08/2004 12:34	10/08/2004 13:08	10/08/2004 13:43	10/08/2004 14:17	10/08/2004 14:51
Extraction HT Met?	YES	YES	YES	YES	YES
Analytical HT Met?	YES	YES	YES	YES	YES
Sample Matrix	SOIL	SOIL	SOIL	SOIL	SOIL
Dilution Factor	1.0	1.0	5.0	10.0	10.0
Sample wt/vol	30.56	30.34	30.32	30.33	30.66
% Dry	86.36	95.68	94.71	89.35	93.93
					GRAMS
					LOW

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Client Sample ID Job No & Lab Sample ID	SS-26 DEEP A04-9569 A4956930	SS-3 A04-9569 A4956904	SS-4 A04-9569 A4956905	SS-4 DEEP A04-9569 A4956906	SS-5 A04-9569 A4956907
Sample Date	09/30/2004 15:45	09/30/2004 10:05	09/30/2004 10:55	09/30/2004 10:55	09/30/2004 10:45
Received Date	09/30/2004 16:53	09/30/2004 16:53	09/30/2004 16:53	09/30/2004 16:53	09/30/2004 16:53
Extraction Date	10/04/2004 07:00	10/04/2004 07:00	10/04/2004 07:00	10/04/2004 07:00	10/04/2004 07:00
Analysis Date	10/08/2004 15:26	10/08/2004 16:59	10/08/2004 17:28	10/08/2004 17:56	10/08/2004 18:25
Extraction HT Met?	YES	YES	YES	YES	YES
Analytical HT Met?	YES	YES	YES	YES	YES
Sample Matrix	SOIL	SOIL	SOIL	SOIL	SOIL
Dilution Factor	10.0	5.0	5.0	5.0	1.0
Sample wt/vol	30.84	30.3	30.33	30.14	30.28
% Dry	81.44	89.75	96.90	84.72	92.33
			GRAMS	GRAMS	GRAMS
			LOW	LOW	LOW

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Client Sample ID Job No & Lab Sample ID	SS-6 A04-9569 A4956908	SS-7 A04-9569 A4956909	SS-8 A04-9569 A4956910	SS-9 A04-9569 A4956911	SS-9 DEEP A04-9569 A4956912
Sample Date	09/30/2004 10:35	09/30/2004 10:25	09/30/2004 11:10	09/30/2004 11:20	09/30/2004 11:20
Received Date	09/30/2004 16:53	09/30/2004 16:53	09/30/2004 16:53	09/30/2004 16:53	09/30/2004 16:53
Extraction Date	10/04/2004 07:00	10/04/2004 07:00	10/04/2004 07:00	10/04/2004 07:00	10/04/2004 07:00
Analysis Date	10/08/2004 18:53	10/08/2004 20:17	10/11/2004 09:07	10/08/2004 21:13	10/08/2004 21:41
Extraction HT Met?	YES	YES	YES	YES	YES
Analytical HT Met?	YES	YES	YES	YES	YES
Sample Matrix	SOIL	SOIL	SOIL	SOIL	SOIL
Dilution Factor	1.0	10.0	1.0	1.0	1.0
Sample wt/vol	30.58	30.25	30.62	30.81	30.9
% Dry	90.52	95.66	95.27	88.44	83.80
	GRAMS	GRAMS	GRAMS	GRAMS	GRAMS
	LOW	LOW	LOW	LOW	LOW

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Client Sample ID Job No & Lab Sample ID	Matrix Spike Blank A04-9569 A481705101	Matrix Spike Blank A04-9569 A481705201	SS-26 DEEP A04-9569 A4956930WS	SS-26 DEEP A04-9569 A4956930SD	
Sample Date Received Date Extraction Date Analysis Date Extraction HT Met? Analytical HT Met? Sample Matrix Dilution Factor Sample wt/vol % Dry	10/04/2004 07:00 10/08/2004 14:36 - - SOIL LOW 1.0 30.51 100.00	10/04/2004 07:00 10/08/2004 09:08 - - SOIL LOW 1.0 30.47 100.00	09/30/2004 15:45 09/30/2004 16:53 10/04/2004 07:00 10/08/2004 16:00 YES YES SOIL LOW 10.0 30.4 81.44	09/30/2004 15:45 09/30/2004 16:53 10/04/2004 07:00 10/08/2004 16:35 YES YES SOIL LOW 10.0 30.57 81.44	

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Client Sample ID Job No & Lab Sample ID	S Blank A04-9569 A4B1705102	S Blank A04-9569 A4B1705202		
Sample Date Received Date Extraction Date Analysis Date Extraction HT Met? Analytical HT Met? Sample Matrix Dilution Factor Sample wt/vol % Dry	10/04/2004 07:00 10/08/2004 15:05 - - SOIL LOW 1.0 30.1 GRAMS 100.00	10/04/2004 07:00 10/08/2004 09:43 - - SOIL LOW 1.0 30.77 GRAMS 100.00		

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METHOD 8081 - TCL PESTICIDES

Client Sample ID Job No & Lab sample ID	SS-1 A04-9569 A4956901	SS-10 A04-9569 A4956913	SS-11 A04-9569 A4956914	SS-12 A04-9569 A4956915	SS-13 A04-9569 A4956916
Sample Date	09/30/2004 09:10	09/30/2004 13:00	09/30/2004 13:10	09/30/2004 13:20	09/30/2004 13:35
Received Date	09/30/2004 16:53	09/30/2004 16:53	09/30/2004 16:53	09/30/2004 16:53	09/30/2004 16:53
Extraction Date	10/02/2004 08:00	10/02/2004 08:00	10/02/2004 08:00	10/02/2004 08:00	10/02/2004 08:00
Analysis Date	10/15/2004 23:32	10/15/2004 21:46	10/18/2004 14:46	10/15/2004 22:21	10/15/2004 22:56
Extraction HT Met?	YES	YES	YES	YES	YES
Analytical HT Met?	YES	YES	YES	YES	YES
Sample Matrix	SOIL	SOIL	SOIL	SOIL	SOIL
Dilution Factor	1.0	1.0	10.0	1.0	1.0
Sample wt/vol	30.24	30.59	30.21	30.08	30.77
% Dry	86.23	86.88	93.61	97.53	84.89

METHOD 8082 - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab sample ID	SS-1 A04-9569 A4956901	SS-10 A04-9569 A4956913	SS-11 A04-9569 A4956914	SS-12 A04-9569 A4956915	SS-13 A04-9569 A4956916
Sample Date	09/30/2004 09:10	09/30/2004 13:00	09/30/2004 13:10	09/30/2004 13:20	09/30/2004 13:35
Received Date	09/30/2004 16:53	09/30/2004 16:53	09/30/2004 16:53	09/30/2004 16:53	09/30/2004 16:53
Extraction Date	10/02/2004 08:00	10/02/2004 08:00	10/02/2004 08:00	10/02/2004 08:00	10/02/2004 08:00
Analysis Date	10/04/2004 12:48	10/04/2004 15:44	10/04/2004 15:57	10/04/2004 16:09	10/04/2004 16:22
Extraction HT Met?	YES	YES	YES	YES	YES
Analytical HT Met?	YES	YES	YES	YES	YES
Sample Matrix	SOIL	SOIL	SOIL	SOIL	SOIL
Dilution Factor	1.0	1.0	1.0	1.0	1.0
Sample wt/vol	30.67	30.53	30.63	30.08	30.21
% Dry	86.23	86.88	93.61	97.53	84.89

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METHOD 8081 - TCL PESTICIDES

Client Sample ID	SS-14 A04-9569	A4956917	SS-15 A04-9569	A4956918	SS-16 A04-9569	A4956919	SS-17 A04-9569	A4956920	SS-18 A04-9569	A4956921
Sample Date	09/30/2004	13:50	09/30/2004	14:00	09/30/2004	14:40	09/30/2004	14:30	09/30/2004	14:20
Received Date	09/30/2004	16:53	09/30/2004	16:53	09/30/2004	16:53	09/30/2004	16:53	09/30/2004	16:53
Extraction Date	10/02/2004	08:00	10/02/2004	08:00	10/02/2004	08:00	10/02/2004	08:00	10/02/2004	08:00
Analysis Date	10/18/2004	15:22	10/18/2004	15:57	10/16/2004	03:04	10/16/2004	03:40	10/16/2004	04:15
Extraction HT Met?	YES		YES		YES		YES		YES	
Analytical HT Met?	YES		YES		YES		YES		YES	
Sample Matrix	SOIL	LOW	SOIL	LOW	SOIL	LOW	SOIL	LOW	SOIL	LOW
Dilution Factor	10.0		10.0		1.0		1.0		1.0	
Sample wt/vol	30.76	GRAMS	30.42	GRAMS	30.24	GRAMS	30.38	GRAMS	30.5	GRAMS
% Dry	86.37		96.30		87.07		92.28		94.29	

METHOD 8082 - POLYCHLORINATED BIPHENYLS

Client Sample ID	SS-14 A04-9569	A4956917	SS-15 A04-9569	A4956918	SS-16 A04-9569	A4956919	SS-17 A04-9569	A4956920	SS-18 A04-9569	A4956921
Sample Date	09/30/2004	13:50	09/30/2004	14:00	09/30/2004	14:40	09/30/2004	14:30	09/30/2004	14:20
Received Date	09/30/2004	16:53	09/30/2004	16:53	09/30/2004	16:53	09/30/2004	16:53	09/30/2004	16:53
Extraction Date	10/02/2004	08:00	10/02/2004	08:00	10/02/2004	08:00	10/02/2004	08:00	10/04/2004	07:00
Analysis Date	10/04/2004	16:34	10/04/2004	17:12	10/04/2004	17:24	10/04/2004	17:37	10/05/2004	11:34
Extraction HT Met?	YES		YES		YES		YES		YES	
Analytical HT Met?	YES		YES		YES		YES		YES	
Sample Matrix	SOIL	LOW	SOIL	LOW	SOIL	LOW	SOIL	LOW	SOIL	LOW
Dilution Factor	1.0		1.0		1.0		1.0		1.0	
Sample wt/vol	30.81	GRAMS	30.61	GRAMS	30.24	GRAMS	30.75	GRAMS	30.17	GRAMS
% Dry	86.37		96.30		87.07		92.28		94.29	

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METHOD 8081 - TCL PESTICIDES

Client Sample ID Job No & Lab Sample ID	SS-19 A04-9569 A4956922	SS-2 A04-9569 A4956902	SS-2 DEEP A04-9569 A4956903	SS-20 A04-9569 A4956923	SS-20 DEEP A04-9569 A4956924
Sample Date	09/30/2004 14:10	09/30/2004 09:30	09/30/2004 09:30	09/30/2004 14:50	09/30/2004 14:50
Received Date	09/30/2004 16:53	09/30/2004 16:53	09/30/2004 16:53	09/30/2004 16:53	09/30/2004 16:53
Extraction Date	10/02/2004 08:00	10/02/2004 08:00	10/02/2004 08:00	10/02/2004 08:00	10/02/2004 08:00
Analysis Date	10/16/2004 04:51	10/16/2004 07:13	10/18/2004 16:33	10/16/2004 05:26	10/16/2004 06:37
Extraction HT Met?	YES	YES	YES	YES	YES
Analytical HT Met?	YES	YES	YES	YES	YES
Sample Matrix	SOIL	SOIL	SOIL	SOIL	SOIL
Dilution Factor	1.0	1.0	10.0	1.0	1.0
Sample wt/vol	30.33	30.8	30.47	30.14	30.37
% Dry	94.13	91.59	91.34	84.52	92.72

METHOD 8082 - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	SS-19 A04-9569 A4956922	SS-2 A04-9569 A4956902	SS-2 DEEP A04-9569 A4956903	SS-20 A04-9569 A4956923	SS-20 DEEP A04-9569 A4956924
Sample Date	09/30/2004 14:10	09/30/2004 09:30	09/30/2004 09:30	09/30/2004 14:50	09/30/2004 14:50
Received Date	09/30/2004 16:53	09/30/2004 16:53	09/30/2004 16:53	09/30/2004 16:53	09/30/2004 16:53
Extraction Date	10/04/2004 07:00	10/02/2004 08:00	10/02/2004 08:00	10/04/2004 07:00	10/04/2004 07:00
Analysis Date	10/05/2004 11:47	10/04/2004 13:01	10/04/2004 13:14	10/05/2004 11:59	10/05/2004 12:24
Extraction HT Met?	YES	YES	YES	YES	YES
Analytical HT Met?	YES	YES	YES	YES	YES
Sample Matrix	SOIL	SOIL	SOIL	SOIL	SOIL
Dilution Factor	1.0	1.0	1.0	1.0	1.0
Sample wt/vol	30.14	30.74	30.07	30.29	30.3
% Dry	94.13	91.59	91.34	84.52	92.72

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METHOD 8081 - TCL PESTICIDES

Client Sample ID Job No & Lab Sample ID	SS-21 A04-9569 A4956925	SS-22 A04-9569 A4956926	SS-23 A04-9569 A4956927	SS-24 A04-9569 A4956928	SS-25 A04-9569 A4956929
Sample Date	09/30/2004 15:05	09/30/2004 15:15	09/30/2004 15:30	09/30/2004 15:35	09/30/2004 15:40
Received Date	09/30/2004 16:53	09/30/2004 16:53	09/30/2004 16:53	09/30/2004 16:53	09/30/2004 16:53
Extraction Date	10/02/2004 08:00	10/02/2004 08:00	10/02/2004 08:00	10/02/2004 08:00	10/02/2004 08:00
Analysis Date	10/15/2004 19:59	10/15/2004 20:35	10/18/2004 17:08	10/18/2004 18:54	10/18/2004 19:30
Extraction HT Met?	YES	YES	YES	YES	YES
Analytical HT Met?	YES	YES	YES	YES	YES
Sample Matrix	SOIL	SOIL	SOIL	SOIL	SOIL
Dilution Factor	1.0	1.0	10.0	10.0	10.0
Sample wt/vol	30.19 GRAMS	30.22 GRAMS	30.62 GRAMS	30.65 GRAMS	30.48 GRAMS
% Dry	86.36	95.68	94.71	89.35	93.93

METHOD 8082 - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	SS-21 A04-9569 A4956925	SS-22 A04-9569 A4956926	SS-23 A04-9569 A4956927	SS-24 A04-9569 A4956928	SS-25 A04-9569 A4956929
Sample Date	09/30/2004 15:05	09/30/2004 15:15	09/30/2004 15:30	09/30/2004 15:35	09/30/2004 15:40
Received Date	09/30/2004 16:53	09/30/2004 16:53	09/30/2004 16:53	09/30/2004 16:53	09/30/2004 16:53
Extraction Date	10/04/2004 07:00	10/04/2004 07:00	10/04/2004 07:00	10/04/2004 07:00	10/04/2004 07:00
Analysis Date	10/05/2004 12:37	10/05/2004 12:49	10/05/2004 13:02	10/05/2004 13:14	10/05/2004 14:17
Extraction HT Met?	YES	YES	YES	YES	YES
Analytical HT Met?	YES	YES	YES	YES	YES
Sample Matrix	SOIL	SOIL	SOIL	SOIL	SOIL
Dilution Factor	1.0	1.0	1.0	1.0	1.0
Sample wt/vol	30.67 GRAMS	30.48 GRAMS	30.53 GRAMS	30.55 GRAMS	30.54 GRAMS
% Dry	86.36	95.68	94.71	89.35	93.93

NA = Not Applicable

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METHOD 8081 - TCL PESTICIDES

Client Sample ID Job No & Lab Sample ID	SS-26 DEEP A04-9569 A4956930	SS-3 A04-9569 A4956904	SS-4 A04-9569 A4956905	SS-4 DEEP A04-9569 A4956906	SS-5 A04-9569 A4956907
Sample Date	09/30/2004 15:45	09/30/2004 10:05	09/30/2004 10:55	09/30/2004 10:55	09/30/2004 10:45
Received Date	09/30/2004 16:53	09/30/2004 16:53	09/30/2004 16:53	09/30/2004 16:53	09/30/2004 16:53
Extraction Date	10/02/2004 08:00	10/02/2004 08:00	10/02/2004 08:00	10/02/2004 08:00	10/02/2004 08:00
Analysis Date	10/18/2004 17:44	10/16/2004 06:02	10/15/2004 18:48	10/18/2004 18:19	10/15/2004 19:24
Extraction HT Met?	YES	YES	YES	YES	YES
Analytical HT Met?	YES	YES	YES	YES	YES
Sample Matrix	SOIL	SOIL	SOIL	SOIL	SOIL
Dilution Factor	10.0	1.0	1.0	10.0	1.0
Sample wt/vol	30.54	30.55	30.1	30.52	30.02
% Dry	81.44	89.75	96.90	84.72	92.33

METHOD 8082 - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	SS-26 DEEP A04-9569 A4956930	SS-3 A04-9569 A4956904	SS-4 A04-9569 A4956905	SS-4 DEEP A04-9569 A4956906	SS-5 A04-9569 A4956907
Sample Date	09/30/2004 15:45	09/30/2004 10:05	09/30/2004 10:55	09/30/2004 10:55	09/30/2004 10:45
Received Date	09/30/2004 16:53	09/30/2004 16:53	09/30/2004 16:53	09/30/2004 16:53	09/30/2004 16:53
Extraction Date	10/04/2004 07:00	10/02/2004 08:00	10/02/2004 08:00	10/02/2004 08:00	10/02/2004 08:00
Analysis Date	10/05/2004 14:30	10/04/2004 13:26	10/04/2004 13:39	10/04/2004 13:51	10/04/2004 14:04
Extraction HT Met?	YES	YES	YES	YES	YES
Analytical HT Met?	YES	YES	YES	YES	YES
Sample Matrix	SOIL	SOIL	SOIL	SOIL	SOIL
Dilution Factor	1.0	1.0	1.0	1.0	1.0
Sample wt/vol	30.61	30.24	30.29	30.67	30.82
% Dry	81.44	89.75	96.90	84.72	92.33

NA = Not Applicable

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METHOD 8081 - TCL PESTICIDES

Client Sample ID Job No & Lab Sample ID	SS-6 A04-9569 A4956908	SS-7 A04-9569 A4956909	SS-8 A04-9569 A4956910	SS-9 A04-9569 A4956911	SS-9 DEEP A04-9569 A4956912
Sample Date	09/30/2004 10:35	09/30/2004 10:25	09/30/2004 11:10	09/30/2004 11:20	09/30/2004 11:20
Received Date	09/30/2004 16:53	09/30/2004 16:53	09/30/2004 16:53	09/30/2004 16:53	09/30/2004 16:53
Extraction Date	10/02/2004 08:00	10/02/2004 08:00	10/02/2004 08:00	10/02/2004 08:00	10/02/2004 08:00
Analysis Date	10/15/2004 18:13	10/18/2004 14:11	10/16/2004 01:54	10/16/2004 02:29	10/15/2004 21:10
Extraction HT Met?	YES	YES	YES	YES	YES
Analytical HT Met?	YES	YES	YES	YES	YES
Sample Matrix	SOIL	SOIL	SOIL	SOIL	SOIL
Dilution Factor	1.0	10.0	1.0	1.0	1.0
Sample wt/vol	30.28	30.67	30.87	30.37	30.47
% Dry	90.52	95.66	95.27	88.44	83.80

METHOD 8082 - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	SS-6 A04-9569 A4956908	SS-7 A04-9569 A4956909	SS-8 A04-9569 A4956910	SS-9 A04-9569 A4956911	SS-9 DEEP A04-9569 A4956912
Sample Date	09/30/2004 10:35	09/30/2004 10:25	09/30/2004 11:10	09/30/2004 11:20	09/30/2004 11:20
Received Date	09/30/2004 16:53	09/30/2004 16:53	09/30/2004 16:53	09/30/2004 16:53	09/30/2004 16:53
Extraction Date	10/02/2004 08:00	10/02/2004 08:00	10/02/2004 08:00	10/02/2004 08:00	10/02/2004 08:00
Analysis Date	10/04/2004 14:41	10/04/2004 14:54	10/04/2004 15:07	10/04/2004 15:19	10/04/2004 15:32
Extraction HT Met?	YES	YES	YES	YES	YES
Analytical HT Met?	YES	YES	YES	YES	YES
Sample Matrix	SOIL	SOIL	SOIL	SOIL	SOIL
Dilution Factor	1.0	1.0	1.0	1.0	1.0
Sample wt/vol	30.76	30.8	30.78	30.39	30.1
% Dry	90.52	95.66	95.27	88.44	83.80

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METHOD 8081 - TCL PESTICIDES

Client Sample ID Job No & Lab Sample ID	Matrix Spike Blank A04-9569 A4B1703701	Matrix Spike Blank A04-9569 A4B1703801	Matrix Spike Blank A04-9569 A4B1703901	Matrix Spike Blank A04-9569 A4B1704901	Matrix Spike Blk Dup A04-9569 A4B1703702
Sample Date Received Date Extraction Date Analysis Date Extraction HT Met? Analytical HT Met? Sample Matrix Dilution Factor Sample wt/vol % Dry	10/02/2004 08:00 10/15/2004 12:19 - - SOIL LOW 1.0 30.81 GRAMS 100.00	10/02/2004 08:00 10/15/2004 14:05 - - SOIL LOW 1.0 30.17 GRAMS 100.00	NA	NA	10/02/2004 08:00 10/15/2004 12:54 - - SOIL LOW 1.0 30.09 GRAMS 100.00

METHOD 8082 - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	Matrix Spike Blank A04-9569 A4B1703701	Matrix Spike Blank A04-9569 A4B1703801	Matrix Spike Blank A04-9569 A4B1703901	Matrix Spike Blank A04-9569 A4B1704901	Matrix Spike Blk Dup A04-9569 A4B1703702
Sample Date Received Date Extraction Date Analysis Date Extraction HT Met? Analytical HT Met? Sample Matrix Dilution Factor Sample wt/vol % Dry	NA	NA	10/02/2004 08:00 10/04/2004 12:11 - - SOIL LOW 1.0 30.65 GRAMS 100.00	10/04/2004 07:00 10/05/2004 10:31 - - SOIL LOW 1.0 30.75 GRAMS 100.00	NA

NA = Not Applicable

STL Buffalo

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Date: 10/20/2004
Time: 10:44:38

WATTS ENGINEERS
QC SAMPLE CHRONOLOGY

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METHOD 8081 - TCL PESTICIDES

Client Sample ID Job No & Lab Sample ID	Matrix Spike Blk Dup A04-9569 A4B1703802	Matrix Spike Blk Dup A04-9569 A4B1703902	SS-24 A04-9569 A4956928MS	SS-24 A04-9569 A4956928SD
Sample Date Received Date Extraction Date Analysis Date Extraction HT Met? Analytical HT Met? Sample Matrix Dilution Factor Sample wt/vol % Dry	10/02/2004 08:00 10/15/2004 14:40 - SOIL LOW 1.0 GRAMS 30.93 100.00	NA	NA	NA

METHOD 8082 - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	Matrix Spike Blk Dup A04-9569 A4B1703802	Matrix Spike Blk Dup A04-9569 A4B1703902	SS-24 A04-9569 A4956928MS	SS-24 A04-9569 A4956928SD
Sample Date Received Date Extraction Date Analysis Date Extraction HT Met? Analytical HT Met? Sample Matrix Dilution Factor Sample wt/vol % Dry	NA	10/02/2004 08:00 10/04/2004 12:23 - SOIL LOW 1.0 GRAMS 30.11 100.00	09/30/2004 15:35 09/30/2004 16:53 10/04/2004 07:00 10/05/2004 13:27 YES YES SOIL LOW 1.0 GRAMS 30.06 89.35	09/30/2004 15:35 09/30/2004 16:53 10/04/2004 07:00 10/05/2004 14:04 YES YES SOIL LOW 1.0 GRAMS 30.58 89.35

NA = Not Applicable

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QC SAMPLE CHRONOLOGY

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METHOD 8081 - TCL PESTICIDES

Client Sample ID Job No & Lab Sample ID	Method Blank A04-9569 A4B1703703	Method Blank A04-9569 A4B1703803	Method Blank A04-9569 A4B1703903	Method Blank A04-9569 A4B1704902
Sample Date Received Date Extraction Date Analysis Date Extraction HT Met? Analytical HT Met? Sample Matrix Dilution Factor Sample wt/vol % Dry	10/02/2004 08:00 10/15/2004 13:29 - - SOIL LOW 1.0 30.78 GRAMS 100.00	10/02/2004 08:00 10/15/2004 15:16 - - SOIL LOW 1.0 30.79 GRAMS 100.00	NA	NA

METHOD 8082 - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	Method Blank A04-9569 A4B1703703	Method Blank A04-9569 A4B1703803	Method Blank A04-9569 A4B1703903	Method Blank A04-9569 A4B1704902
Sample Date Received Date Extraction Date Analysis Date Extraction HT Met? Analytical HT Met? Sample Matrix Dilution Factor Sample wt/vol % Dry	NA	NA	10/02/2004 08:00 10/04/2004 12:36 - - SOIL LOW 1.0 30.37 GRAMS 100.00	10/04/2004 07:00 10/05/2004 10:44 - - SOIL LOW 1.0 30.14 GRAMS 100.00

NA = Not Applicable

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Lab ID	Sample ID	Units	Analyte	Method	Dilution Factor	Sample Date	Receive Date	ICLP Date	THT	Analysis Date	AHT Matrix
A4956901	SS-1	Mg/Kg	Aluminum - Total	6010	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/01 22:45	Yes SOIL
		Mg/Kg	Antimony - Total	6010	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/01 22:45	Yes SOIL
		Mg/Kg	Arsenic - Total	6010	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/01 22:45	Yes SOIL
		Mg/Kg	Barium - Total	6010	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/01 22:45	Yes SOIL
		Mg/Kg	Beryllium - Total	6010	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/01 22:45	Yes SOIL
		Mg/Kg	Cadmium - Total	6010	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/01 22:45	Yes SOIL
		Mg/Kg	Calcium - Total	6010	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/01 22:45	Yes SOIL
		Mg/Kg	Chromium - Total	6010	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/01 22:45	Yes SOIL
		Mg/Kg	Cobalt - Total	6010	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/01 22:45	Yes SOIL
		Mg/Kg	Copper - Total	6010	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/01 22:45	Yes SOIL
		Mg/Kg	Iron - Total	6010	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/01 22:45	Yes SOIL
		Mg/Kg	Lead - Total	6010	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/01 22:45	Yes SOIL
		Mg/Kg	Magnesium - Total	6010	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/01 22:45	Yes SOIL
		Mg/Kg	Manganese - Total	6010	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/01 22:45	Yes SOIL
		Mg/Kg	Mercury - Total	6010	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/01 22:45	Yes SOIL
		Mg/Kg	Nickel - Total	6010	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/01 22:45	Yes SOIL
		Mg/Kg	Potassium - Total	6010	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/01 22:45	Yes SOIL
		Mg/Kg	Selenium - Total	6010	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/01 22:45	Yes SOIL
		Mg/Kg	Silver - Total	6010	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/01 22:45	Yes SOIL
		Mg/Kg	Sodium - Total	6010	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/01 22:45	Yes SOIL
A4956913	SS-10	Mg/Kg	Thallium - Total	6010	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/01 22:45	Yes SOIL
		Mg/Kg	Vanadium - Total	6010	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/01 22:45	Yes SOIL
		Mg/Kg	Zinc - Total	6010	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/01 22:45	Yes SOIL
		Mg/Kg	Aluminum - Total	6010	1.00	09/30/2004 13:00	09/30 16:53	NA	NA	10/02 01:12	Yes SOIL
		Mg/Kg	Antimony - Total	6010	1.00	09/30/2004 13:00	09/30 16:53	NA	NA	10/02 01:12	Yes SOIL
		Mg/Kg	Arsenic - Total	6010	1.00	09/30/2004 13:00	09/30 16:53	NA	NA	10/02 01:12	Yes SOIL
		Mg/Kg	Barium - Total	6010	1.00	09/30/2004 13:00	09/30 16:53	NA	NA	10/02 01:12	Yes SOIL
		Mg/Kg	Beryllium - Total	6010	1.00	09/30/2004 13:00	09/30 16:53	NA	NA	10/02 01:12	Yes SOIL
		Mg/Kg	Cadmium - Total	6010	1.00	09/30/2004 13:00	09/30 16:53	NA	NA	10/02 01:12	Yes SOIL
		Mg/Kg	Calcium - Total	6010	1.00	09/30/2004 13:00	09/30 16:53	NA	NA	10/02 01:12	Yes SOIL
		Mg/Kg	Chromium - Total	6010	1.00	09/30/2004 13:00	09/30 16:53	NA	NA	10/02 01:12	Yes SOIL
		Mg/Kg	Cobalt - Total	6010	1.00	09/30/2004 13:00	09/30 16:53	NA	NA	10/02 01:12	Yes SOIL
		Mg/Kg	Copper - Total	6010	1.00	09/30/2004 13:00	09/30 16:53	NA	NA	10/02 01:12	Yes SOIL
		Mg/Kg	Iron - Total	6010	1.00	09/30/2004 13:00	09/30 16:53	NA	NA	10/02 01:12	Yes SOIL
		Mg/Kg	Lead - Total	6010	1.00	09/30/2004 13:00	09/30 16:53	NA	NA	10/02 01:12	Yes SOIL
		Mg/Kg	Magnesium - Total	6010	1.00	09/30/2004 13:00	09/30 16:53	NA	NA	10/02 01:12	Yes SOIL
		Mg/Kg	Manganese - Total	6010	1.00	09/30/2004 13:00	09/30 16:53	NA	NA	10/02 01:12	Yes SOIL
		Mg/Kg	Mercury - Total	6010	1.00	09/30/2004 13:00	09/30 16:53	NA	NA	10/02 01:12	Yes SOIL
		Mg/Kg	Nickel - Total	6010	1.00	09/30/2004 13:00	09/30 16:53	NA	NA	10/02 01:12	Yes SOIL
		Mg/Kg	Potassium - Total	6010	1.00	09/30/2004 13:00	09/30 16:53	NA	NA	10/02 01:12	Yes SOIL
A4956914	SS-11	Mg/Kg	Selenium - Total	6010	1.00	09/30/2004 13:00	09/30 16:53	NA	NA	10/02 01:12	Yes SOIL
		Mg/Kg	Silver - Total	6010	1.00	09/30/2004 13:00	09/30 16:53	NA	NA	10/02 01:12	Yes SOIL
		Mg/Kg	Sodium - Total	6010	1.00	09/30/2004 13:00	09/30 16:53	NA	NA	10/02 01:12	Yes SOIL
		Mg/Kg	Thallium - Total	6010	1.00	09/30/2004 13:00	09/30 16:53	NA	NA	10/02 01:12	Yes SOIL
		Mg/Kg	Vanadium - Total	6010	1.00	09/30/2004 13:00	09/30 16:53	NA	NA	10/02 01:12	Yes SOIL
		Mg/Kg	Zinc - Total	6010	1.00	09/30/2004 13:00	09/30 16:53	NA	NA	10/02 01:12	Yes SOIL
		Mg/Kg	Aluminum - Total	6010	1.00	09/30/2004 13:10	09/30 16:53	NA	NA	10/02 01:16	Yes SOIL
		Mg/Kg	Antimony - Total	6010	1.00	09/30/2004 13:10	09/30 16:53	NA	NA	10/02 01:16	Yes SOIL
		Mg/Kg									
		Mg/Kg									

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AHT = Analysis Holding Time Met
THT = TCLP Holding Time Met
NA = Not Applicable

Lab ID	Sample ID	Units	Analyte	Method	Dilution Factor	Sample Date	Receive Date	ICLP Date	THT	Analysis Date	AHT Matrix
A4956914	SS-11	Mg/Kg	Arsenic - Total	6010	1.00	09/30/2004 13:10	09/30 16:53	NA	NA	10/02 01:16	Yes SOIL
		Mg/Kg	Barium - Total	6010	1.00	09/30/2004 13:10	09/30 16:53	NA	NA	10/02 01:16	Yes SOIL
		Mg/Kg	Beryllium - Total	6010	1.00	09/30/2004 13:10	09/30 16:53	NA	NA	10/02 01:16	Yes SOIL
		Mg/Kg	Cadmium - Total	6010	1.00	09/30/2004 13:10	09/30 16:53	NA	NA	10/02 01:16	Yes SOIL
		Mg/Kg	Calcium - Total	6010	10.00	09/30/2004 13:10	09/30 16:53	NA	NA	10/02 18:31	Yes SOIL
		Mg/Kg	Chromium - Total	6010	1.00	09/30/2004 13:10	09/30 16:53	NA	NA	10/02 01:16	Yes SOIL
		Mg/Kg	Cobalt - Total	6010	1.00	09/30/2004 13:10	09/30 16:53	NA	NA	10/02 01:16	Yes SOIL
		Mg/Kg	Copper - Total	6010	1.00	09/30/2004 13:10	09/30 16:53	NA	NA	10/02 01:16	Yes SOIL
		Mg/Kg	Iron - Total	6010	1.00	09/30/2004 13:10	09/30 16:53	NA	NA	10/02 01:16	Yes SOIL
		Mg/Kg	Lead - Total	6010	1.00	09/30/2004 13:10	09/30 16:53	NA	NA	10/02 01:16	Yes SOIL
		Mg/Kg	Magnesium - Total	6010	10.00	09/30/2004 13:10	09/30 16:53	NA	NA	10/02 18:31	Yes SOIL
		Mg/Kg	Manganese - Total	6010	1.00	09/30/2004 13:10	09/30 16:53	NA	NA	10/02 01:16	Yes SOIL
		Mg/Kg	Mercury - Total	7471	1.00	09/30/2004 13:10	09/30 16:53	NA	NA	10/04 12:59	Yes SOIL
		Mg/Kg	Nickel - Total	6010	1.00	09/30/2004 13:10	09/30 16:53	NA	NA	10/02 01:16	Yes SOIL
		Mg/Kg	Potassium - Total	6010	1.00	09/30/2004 13:10	09/30 16:53	NA	NA	10/02 01:16	Yes SOIL
		Mg/Kg	Selenium - Total	6010	1.00	09/30/2004 13:10	09/30 16:53	NA	NA	10/02 01:16	Yes SOIL
		Mg/Kg	Silver - Total	6010	1.00	09/30/2004 13:10	09/30 16:53	NA	NA	10/02 01:16	Yes SOIL
		Mg/Kg	Sodium - Total	6010	1.00	09/30/2004 13:10	09/30 16:53	NA	NA	10/02 01:16	Yes SOIL
		Mg/Kg	Thallium - Total	6010	1.00	09/30/2004 13:10	09/30 16:53	NA	NA	10/02 01:16	Yes SOIL
		Mg/Kg	Vanadium - Total	6010	1.00	09/30/2004 13:10	09/30 16:53	NA	NA	10/02 01:16	Yes SOIL
A4956915	SS-12	Mg/Kg	Zinc - Total	6010	1.00	09/30/2004 13:10	09/30 16:53	NA	NA	10/02 01:16	Yes SOIL
		Mg/Kg	Aluminum - Total	6010	1.00	09/30/2004 13:20	09/30 16:53	NA	NA	10/02 01:21	Yes SOIL
		Mg/Kg	Antimony - Total	6010	1.00	09/30/2004 13:20	09/30 16:53	NA	NA	10/02 01:21	Yes SOIL
		Mg/Kg	Arsenic - Total	6010	1.00	09/30/2004 13:20	09/30 16:53	NA	NA	10/02 01:21	Yes SOIL
		Mg/Kg	Barium - Total	6010	1.00	09/30/2004 13:20	09/30 16:53	NA	NA	10/02 01:21	Yes SOIL
		Mg/Kg	Beryllium - Total	6010	1.00	09/30/2004 13:20	09/30 16:53	NA	NA	10/02 01:21	Yes SOIL
		Mg/Kg	Cadmium - Total	6010	1.00	09/30/2004 13:20	09/30 16:53	NA	NA	10/02 01:21	Yes SOIL
		Mg/Kg	Calcium - Total	6010	1.00	09/30/2004 13:20	09/30 16:53	NA	NA	10/02 01:21	Yes SOIL
		Mg/Kg	Chromium - Total	6010	1.00	09/30/2004 13:20	09/30 16:53	NA	NA	10/02 01:21	Yes SOIL
		Mg/Kg	Cobalt - Total	6010	1.00	09/30/2004 13:20	09/30 16:53	NA	NA	10/02 01:21	Yes SOIL
		Mg/Kg	Copper - Total	6010	1.00	09/30/2004 13:20	09/30 16:53	NA	NA	10/02 01:21	Yes SOIL
		Mg/Kg	Iron - Total	6010	1.00	09/30/2004 13:20	09/30 16:53	NA	NA	10/02 01:21	Yes SOIL
		Mg/Kg	Lead - Total	6010	1.00	09/30/2004 13:20	09/30 16:53	NA	NA	10/02 01:21	Yes SOIL
		Mg/Kg	Magnesium - Total	6010	1.00	09/30/2004 13:20	09/30 16:53	NA	NA	10/02 01:21	Yes SOIL
		Mg/Kg	Manganese - Total	6010	1.00	09/30/2004 13:20	09/30 16:53	NA	NA	10/04 13:03	Yes SOIL
		Mg/Kg	Mercury - Total	7471	1.00	09/30/2004 13:20	09/30 16:53	NA	NA	10/02 01:21	Yes SOIL
		Mg/Kg	Nickel - Total	6010	1.00	09/30/2004 13:20	09/30 16:53	NA	NA	10/02 01:21	Yes SOIL
		Mg/Kg	Potassium - Total	6010	1.00	09/30/2004 13:20	09/30 16:53	NA	NA	10/02 01:21	Yes SOIL
		Mg/Kg	Selenium - Total	6010	1.00	09/30/2004 13:20	09/30 16:53	NA	NA	10/02 01:21	Yes SOIL
		Mg/Kg	Silver - Total	6010	1.00	09/30/2004 13:20	09/30 16:53	NA	NA	10/02 01:21	Yes SOIL
A4956916	SS-13	Mg/Kg	Sodium - Total	6010	1.00	09/30/2004 13:20	09/30 16:53	NA	NA	10/02 01:21	Yes SOIL
		Mg/Kg	Thallium - Total	6010	1.00	09/30/2004 13:20	09/30 16:53	NA	NA	10/02 01:21	Yes SOIL
		Mg/Kg	Vanadium - Total	6010	1.00	09/30/2004 13:20	09/30 16:53	NA	NA	10/02 01:21	Yes SOIL
		Mg/Kg	Zinc - Total	6010	1.00	09/30/2004 13:20	09/30 16:53	NA	NA	10/02 01:21	Yes SOIL
		Mg/Kg	Aluminum - Total	6010	1.00	09/30/2004 13:35	09/30 16:53	NA	NA	10/02 01:25	Yes SOIL
		Mg/Kg	Antimony - Total	6010	1.00	09/30/2004 13:35	09/30 16:53	NA	NA	10/02 01:25	Yes SOIL
		Mg/Kg	Arsenic - Total	6010	1.00	09/30/2004 13:35	09/30 16:53	NA	NA	10/02 01:25	Yes SOIL
		Mg/Kg	Barium - Total	6010	1.00	09/30/2004 13:35	09/30 16:53	NA	NA	10/02 01:25	Yes SOIL
		Mg/Kg									
		Mg/Kg									

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Lab ID	Sample ID	Units	Analyte	Method	Dilution Factor	Sample Date	Receive Date	TCLP Date	THT	Analysis Date	AHT Matrix
A4956916	SS-13	Mg/Kg	Beryllium - Total	6010	1.00	09/30/2004 13:35	09/30 16:53	NA	NA	10/02 01:25	Yes SOIL
		Mg/Kg	Cadmium - Total	6010	1.00	09/30/2004 13:35	09/30 16:53	NA	NA	10/02 01:25	Yes SOIL
		Mg/Kg	Calcium - Total	6010	1.00	09/30/2004 13:35	09/30 16:53	NA	NA	10/02 01:25	Yes SOIL
		Mg/Kg	Chromium - Total	6010	1.00	09/30/2004 13:35	09/30 16:53	NA	NA	10/02 01:25	Yes SOIL
		Mg/Kg	Cobalt - Total	6010	1.00	09/30/2004 13:35	09/30 16:53	NA	NA	10/02 01:25	Yes SOIL
		Mg/Kg	Copper - Total	6010	1.00	09/30/2004 13:35	09/30 16:53	NA	NA	10/02 01:25	Yes SOIL
		Mg/Kg	Iron - Total	6010	1.00	09/30/2004 13:35	09/30 16:53	NA	NA	10/02 01:25	Yes SOIL
		Mg/Kg	Lead - Total	6010	1.00	09/30/2004 13:35	09/30 16:53	NA	NA	10/02 01:25	Yes SOIL
		Mg/Kg	Magnesium - Total	6010	1.00	09/30/2004 13:35	09/30 16:53	NA	NA	10/02 01:25	Yes SOIL
		Mg/Kg	Manganese - Total	6010	1.00	09/30/2004 13:35	09/30 16:53	NA	NA	10/02 01:25	Yes SOIL
		Mg/Kg	Mercury - Total	7471	1.00	09/30/2004 13:35	09/30 16:53	NA	NA	10/04 13:05	Yes SOIL
		Mg/Kg	Nickel - Total	6010	1.00	09/30/2004 13:35	09/30 16:53	NA	NA	10/02 01:25	Yes SOIL
		Mg/Kg	Potassium - Total	6010	1.00	09/30/2004 13:35	09/30 16:53	NA	NA	10/02 01:25	Yes SOIL
		Mg/Kg	Selenium - Total	6010	1.00	09/30/2004 13:35	09/30 16:53	NA	NA	10/02 01:25	Yes SOIL
		Mg/Kg	Silver - Total	6010	1.00	09/30/2004 13:35	09/30 16:53	NA	NA	10/02 01:25	Yes SOIL
		Mg/Kg	Sodium - Total	6010	1.00	09/30/2004 13:35	09/30 16:53	NA	NA	10/02 01:25	Yes SOIL
		Mg/Kg	Thallium - Total	6010	1.00	09/30/2004 13:35	09/30 16:53	NA	NA	10/02 01:25	Yes SOIL
		Mg/Kg	Vanadium - Total	6010	1.00	09/30/2004 13:35	09/30 16:53	NA	NA	10/02 01:25	Yes SOIL
		Mg/Kg	Zinc - Total	6010	1.00	09/30/2004 13:35	09/30 16:53	NA	NA	10/02 01:25	Yes SOIL
		Mg/Kg	Aluminum - Total	6010	1.00	09/30/2004 13:50	09/30 16:53	NA	NA	10/02 01:29	Yes SOIL
A4956917	SS-14	Mg/Kg	Antimony - Total	6010	1.00	09/30/2004 13:50	09/30 16:53	NA	NA	10/02 01:29	Yes SOIL
		Mg/Kg	Arsenic - Total	6010	1.00	09/30/2004 13:50	09/30 16:53	NA	NA	10/02 01:29	Yes SOIL
		Mg/Kg	Barium - Total	6010	1.00	09/30/2004 13:50	09/30 16:53	NA	NA	10/02 01:29	Yes SOIL
		Mg/Kg	Beryllium - Total	6010	1.00	09/30/2004 13:50	09/30 16:53	NA	NA	10/02 01:29	Yes SOIL
		Mg/Kg	Cadmium - Total	6010	1.00	09/30/2004 13:50	09/30 16:53	NA	NA	10/02 01:29	Yes SOIL
		Mg/Kg	Calcium - Total	6010	1.00	09/30/2004 13:50	09/30 16:53	NA	NA	10/02 01:29	Yes SOIL
		Mg/Kg	Chromium - Total	6010	1.00	09/30/2004 13:50	09/30 16:53	NA	NA	10/02 01:29	Yes SOIL
		Mg/Kg	Cobalt - Total	6010	1.00	09/30/2004 13:50	09/30 16:53	NA	NA	10/02 01:29	Yes SOIL
		Mg/Kg	Copper - Total	6010	1.00	09/30/2004 13:50	09/30 16:53	NA	NA	10/02 01:29	Yes SOIL
		Mg/Kg	Iron - Total	6010	1.00	09/30/2004 13:50	09/30 16:53	NA	NA	10/02 01:29	Yes SOIL
		Mg/Kg	Lead - Total	6010	1.00	09/30/2004 13:50	09/30 16:53	NA	NA	10/02 01:29	Yes SOIL
		Mg/Kg	Magnesium - Total	6010	1.00	09/30/2004 13:50	09/30 16:53	NA	NA	10/02 01:29	Yes SOIL
		Mg/Kg	Manganese - Total	6010	1.00	09/30/2004 13:50	09/30 16:53	NA	NA	10/02 01:29	Yes SOIL
		Mg/Kg	Mercury - Total	7471	1.00	09/30/2004 13:50	09/30 16:53	NA	NA	10/04 13:06	Yes SOIL
		Mg/Kg	Nickel - Total	6010	1.00	09/30/2004 13:50	09/30 16:53	NA	NA	10/02 01:29	Yes SOIL
		Mg/Kg	Potassium - Total	6010	1.00	09/30/2004 13:50	09/30 16:53	NA	NA	10/02 01:29	Yes SOIL
		Mg/Kg	Selenium - Total	6010	1.00	09/30/2004 13:50	09/30 16:53	NA	NA	10/02 01:29	Yes SOIL
		Mg/Kg	Silver - Total	6010	1.00	09/30/2004 13:50	09/30 16:53	NA	NA	10/02 01:29	Yes SOIL
		Mg/Kg	Sodium - Total	6010	1.00	09/30/2004 13:50	09/30 16:53	NA	NA	10/02 01:29	Yes SOIL
		Mg/Kg	Thallium - Total	6010	1.00	09/30/2004 13:50	09/30 16:53	NA	NA	10/02 01:29	Yes SOIL
A4956918	SS-15	Mg/Kg	Vanadium - Total	6010	1.00	09/30/2004 13:50	09/30 16:53	NA	NA	10/02 01:29	Yes SOIL
		Mg/Kg	Zinc - Total	6010	1.00	09/30/2004 13:50	09/30 16:53	NA	NA	10/02 01:29	Yes SOIL
		Mg/Kg	Aluminum - Total	6010	1.00	09/30/2004 14:00	09/30 16:53	NA	NA	10/02 01:34	Yes SOIL
		Mg/Kg	Antimony - Total	6010	1.00	09/30/2004 14:00	09/30 16:53	NA	NA	10/02 01:34	Yes SOIL
		Mg/Kg	Arsenic - Total	6010	1.00	09/30/2004 14:00	09/30 16:53	NA	NA	10/02 01:34	Yes SOIL
		Mg/Kg	Barium - Total	6010	1.00	09/30/2004 14:00	09/30 16:53	NA	NA	10/02 01:34	Yes SOIL
		Mg/Kg	Beryllium - Total	6010	1.00	09/30/2004 14:00	09/30 16:53	NA	NA	10/02 01:34	Yes SOIL
		Mg/Kg	Cadmium - Total	6010	1.00	09/30/2004 14:00	09/30 16:53	NA	NA	10/02 01:34	Yes SOIL
		Mg/Kg									
		Mg/Kg									

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Lab ID	Sample ID	Units	Analyte	Method	Dilution Factor	Sample Date	Receive Date	TCLP Date	THT	Analysis Date	AHT Matrix
A4956918	SS-15	MG/KG	Calcium - Total	6010	10.00	09/30/2004 14:00	09/30 16:53	NA	NA	10/02 18:36	Yes SOIL
		MG/KG	Chromium - Total	6010	1.00	09/30/2004 14:00	09/30 16:53	NA	NA	10/02 01:34	Yes SOIL
		MG/KG	Cobalt - Total	6010	1.00	09/30/2004 14:00	09/30 16:53	NA	NA	10/02 01:34	Yes SOIL
		MG/KG	Copper - Total	6010	1.00	09/30/2004 14:00	09/30 16:53	NA	NA	10/02 01:34	Yes SOIL
		MG/KG	Iron - Total	6010	1.00	09/30/2004 14:00	09/30 16:53	NA	NA	10/02 01:34	Yes SOIL
		MG/KG	Lead - Total	6010	1.00	09/30/2004 14:00	09/30 16:53	NA	NA	10/02 01:34	Yes SOIL
		MG/KG	Magnesium - Total	6010	10.00	09/30/2004 14:00	09/30 16:53	NA	NA	10/02 18:36	Yes SOIL
		MG/KG	Manganese - Total	6010	1.00	09/30/2004 14:00	09/30 16:53	NA	NA	10/02 01:34	Yes SOIL
		MG/KG	Mercury - Total	7471	1.00	09/30/2004 14:00	09/30 16:53	NA	NA	10/02 13:07	Yes SOIL
		MG/KG	Nickel - Total	6010	1.00	09/30/2004 14:00	09/30 16:53	NA	NA	10/02 01:34	Yes SOIL
		MG/KG	Potassium - Total	6010	1.00	09/30/2004 14:00	09/30 16:53	NA	NA	10/02 01:34	Yes SOIL
		MG/KG	Selenium - Total	6010	1.00	09/30/2004 14:00	09/30 16:53	NA	NA	10/02 01:34	Yes SOIL
		MG/KG	Silver - Total	6010	1.00	09/30/2004 14:00	09/30 16:53	NA	NA	10/02 01:34	Yes SOIL
		MG/KG	Sodium - Total	6010	1.00	09/30/2004 14:00	09/30 16:53	NA	NA	10/02 01:34	Yes SOIL
		MG/KG	Thallium - Total	6010	1.00	09/30/2004 14:00	09/30 16:53	NA	NA	10/02 01:34	Yes SOIL
		MG/KG	Vanadium - Total	6010	1.00	09/30/2004 14:00	09/30 16:53	NA	NA	10/02 01:34	Yes SOIL
		MG/KG	Zinc - Total	6010	1.00	09/30/2004 14:00	09/30 16:53	NA	NA	10/02 01:34	Yes SOIL
A4956919	SS-16	MG/KG	Aluminum - Total	6010	1.00	09/30/2004 14:00	09/30 16:53	NA	NA	10/02 01:38	Yes SOIL
		MG/KG	Antimony - Total	6010	1.00	09/30/2004 14:40	09/30 16:53	NA	NA	10/02 01:38	Yes SOIL
		MG/KG	Arsenic - Total	6010	1.00	09/30/2004 14:40	09/30 16:53	NA	NA	10/02 01:38	Yes SOIL
		MG/KG	Barium - Total	6010	1.00	09/30/2004 14:40	09/30 16:53	NA	NA	10/02 01:38	Yes SOIL
		MG/KG	Beryllium - Total	6010	1.00	09/30/2004 14:40	09/30 16:53	NA	NA	10/02 01:38	Yes SOIL
		MG/KG	Cadmium - Total	6010	1.00	09/30/2004 14:40	09/30 16:53	NA	NA	10/02 01:38	Yes SOIL
		MG/KG	Calcium - Total	6010	1.00	09/30/2004 14:40	09/30 16:53	NA	NA	10/02 01:38	Yes SOIL
		MG/KG	Chromium - Total	6010	1.00	09/30/2004 14:40	09/30 16:53	NA	NA	10/02 01:38	Yes SOIL
		MG/KG	Cobalt - Total	6010	1.00	09/30/2004 14:40	09/30 16:53	NA	NA	10/02 01:38	Yes SOIL
		MG/KG	Copper - Total	6010	1.00	09/30/2004 14:40	09/30 16:53	NA	NA	10/02 01:38	Yes SOIL
		MG/KG	Iron - Total	6010	1.00	09/30/2004 14:40	09/30 16:53	NA	NA	10/02 01:38	Yes SOIL
		MG/KG	Lead - Total	6010	1.00	09/30/2004 14:40	09/30 16:53	NA	NA	10/02 01:38	Yes SOIL
		MG/KG	Magnesium - Total	6010	1.00	09/30/2004 14:40	09/30 16:53	NA	NA	10/02 01:38	Yes SOIL
		MG/KG	Manganese - Total	6010	1.00	09/30/2004 14:40	09/30 16:53	NA	NA	10/02 01:38	Yes SOIL
		MG/KG	Mercury - Total	7471	1.00	09/30/2004 14:40	09/30 16:53	NA	NA	10/04 13:09	Yes SOIL
		MG/KG	Nickel - Total	6010	1.00	09/30/2004 14:40	09/30 16:53	NA	NA	10/02 01:38	Yes SOIL
		MG/KG	Potassium - Total	6010	1.00	09/30/2004 14:40	09/30 16:53	NA	NA	10/02 01:38	Yes SOIL
A4956920	SS-17	MG/KG	Selenium - Total	6010	1.00	09/30/2004 14:40	09/30 16:53	NA	NA	10/02 01:38	Yes SOIL
		MG/KG	Silver - Total	6010	1.00	09/30/2004 14:40	09/30 16:53	NA	NA	10/02 01:38	Yes SOIL
		MG/KG	Sodium - Total	6010	1.00	09/30/2004 14:40	09/30 16:53	NA	NA	10/02 01:38	Yes SOIL
		MG/KG	Thallium - Total	6010	1.00	09/30/2004 14:40	09/30 16:53	NA	NA	10/02 01:38	Yes SOIL
		MG/KG	Vanadium - Total	6010	1.00	09/30/2004 14:40	09/30 16:53	NA	NA	10/02 01:38	Yes SOIL
		MG/KG	Zinc - Total	6010	1.00	09/30/2004 14:40	09/30 16:53	NA	NA	10/02 01:38	Yes SOIL
		MG/KG	Aluminum - Total	6010	1.00	09/30/2004 14:30	09/30 16:53	NA	NA	10/02 01:43	Yes SOIL
		MG/KG	Antimony - Total	6010	1.00	09/30/2004 14:30	09/30 16:53	NA	NA	10/02 01:43	Yes SOIL
		MG/KG	Arsenic - Total	6010	1.00	09/30/2004 14:30	09/30 16:53	NA	NA	10/02 01:43	Yes SOIL
		MG/KG	Barium - Total	6010	1.00	09/30/2004 14:30	09/30 16:53	NA	NA	10/02 01:43	Yes SOIL
		MG/KG	Beryllium - Total	6010	1.00	09/30/2004 14:30	09/30 16:53	NA	NA	10/02 01:43	Yes SOIL
		MG/KG	Cadmium - Total	6010	1.00	09/30/2004 14:30	09/30 16:53	NA	NA	10/02 01:43	Yes SOIL
		MG/KG	Calcium - Total	6010	1.00	09/30/2004 14:30	09/30 16:53	NA	NA	10/02 01:43	Yes SOIL
		MG/KG	Chromium - Total	6010	1.00	09/30/2004 14:30	09/30 16:53	NA	NA	10/02 01:43	Yes SOIL

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AHT = Analysis Holding Time Met
THT = TCLP Holding Time Met
NA = Not Applicable

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Lab ID	Sample ID	Units	Analyte	Method	Dilution Factor	Sample Date	Receive Date	TCLP Date	THT	Analysis Date	AHT Matrix
A4956920	SS-17	Mg/Kg	Cobalt - Total	6010	1.00	09/30/2004 14:30	09/30 16:53	NA	NA	10/02 01:43	Yes SOIL
		Mg/Kg	Copper - Total	6010	1.00	09/30/2004 14:30	09/30 16:53	NA	NA	10/02 01:43	Yes SOIL
		Mg/Kg	Iron - Total	6010	1.00	09/30/2004 14:30	09/30 16:53	NA	NA	10/02 01:43	Yes SOIL
		Mg/Kg	Lead - Total	6010	1.00	09/30/2004 14:30	09/30 16:53	NA	NA	10/02 01:43	Yes SOIL
		Mg/Kg	Magnesium - Total	6010	1.00	09/30/2004 14:30	09/30 16:53	NA	NA	10/02 01:43	Yes SOIL
		Mg/Kg	Manganese - Total	6010	1.00	09/30/2004 14:30	09/30 16:53	NA	NA	10/02 01:43	Yes SOIL
		Mg/Kg	Mercury - Total	7471	1.00	09/30/2004 14:30	09/30 16:53	NA	NA	10/02 01:43	Yes SOIL
		Mg/Kg	Nickel - Total	6010	1.00	09/30/2004 14:30	09/30 16:53	NA	NA	10/04 13:10	Yes SOIL
		Mg/Kg	Potassium - Total	6010	1.00	09/30/2004 14:30	09/30 16:53	NA	NA	10/02 01:43	Yes SOIL
		Mg/Kg	Selenium - Total	6010	1.00	09/30/2004 14:30	09/30 16:53	NA	NA	10/02 01:43	Yes SOIL
		Mg/Kg	Silver - Total	6010	1.00	09/30/2004 14:30	09/30 16:53	NA	NA	10/02 01:43	Yes SOIL
		Mg/Kg	Sodium - Total	6010	1.00	09/30/2004 14:30	09/30 16:53	NA	NA	10/02 01:43	Yes SOIL
		Mg/Kg	Thallium - Total	6010	1.00	09/30/2004 14:30	09/30 16:53	NA	NA	10/02 01:43	Yes SOIL
		Mg/Kg	Vanadium - Total	6010	1.00	09/30/2004 14:30	09/30 16:53	NA	NA	10/02 01:43	Yes SOIL
		Mg/Kg	Zinc - Total	6010	1.00	09/30/2004 14:30	09/30 16:53	NA	NA	10/02 01:43	Yes SOIL
		Mg/Kg	Aluminum - Total	6010	1.00	09/30/2004 14:30	09/30 16:53	NA	NA	10/02 01:43	Yes SOIL
		Mg/Kg	Antimony - Total	6010	1.00	09/30/2004 14:30	09/30 16:53	NA	NA	10/02 01:43	Yes SOIL
A4956921	SS-18	Mg/Kg	Arsenic - Total	6010	1.00	09/30/2004 14:20	09/30 16:53	NA	NA	10/01 21:24	Yes SOIL
		Mg/Kg	Barium - Total	6010	1.00	09/30/2004 14:20	09/30 16:53	NA	NA	10/01 21:24	Yes SOIL
		Mg/Kg	Beryllium - Total	6010	1.00	09/30/2004 14:20	09/30 16:53	NA	NA	10/01 21:24	Yes SOIL
		Mg/Kg	Cadmium - Total	6010	1.00	09/30/2004 14:20	09/30 16:53	NA	NA	10/01 21:24	Yes SOIL
		Mg/Kg	Calcium - Total	6010	1.00	09/30/2004 14:20	09/30 16:53	NA	NA	10/01 21:24	Yes SOIL
		Mg/Kg	Chromium - Total	6010	1.00	09/30/2004 14:20	09/30 16:53	NA	NA	10/01 21:24	Yes SOIL
		Mg/Kg	Cobalt - Total	6010	1.00	09/30/2004 14:20	09/30 16:53	NA	NA	10/01 21:24	Yes SOIL
		Mg/Kg	Copper - Total	6010	1.00	09/30/2004 14:20	09/30 16:53	NA	NA	10/01 21:24	Yes SOIL
		Mg/Kg	Iron - Total	6010	1.00	09/30/2004 14:20	09/30 16:53	NA	NA	10/01 21:24	Yes SOIL
		Mg/Kg	Lead - Total	6010	1.00	09/30/2004 14:20	09/30 16:53	NA	NA	10/01 21:24	Yes SOIL
		Mg/Kg	Magnesium - Total	6010	1.00	09/30/2004 14:20	09/30 16:53	NA	NA	10/01 21:24	Yes SOIL
		Mg/Kg	Manganese - Total	6010	1.00	09/30/2004 14:20	09/30 16:53	NA	NA	10/01 21:24	Yes SOIL
		Mg/Kg	Mercury - Total	7471	1.00	09/30/2004 14:20	09/30 16:53	NA	NA	10/01 21:24	Yes SOIL
		Mg/Kg	Nickel - Total	6010	1.00	09/30/2004 14:20	09/30 16:53	NA	NA	10/01 21:24	Yes SOIL
		Mg/Kg	Potassium - Total	6010	1.00	09/30/2004 14:20	09/30 16:53	NA	NA	10/01 21:24	Yes SOIL
		Mg/Kg	Selenium - Total	6010	1.00	09/30/2004 14:20	09/30 16:53	NA	NA	10/01 21:24	Yes SOIL
		Mg/Kg	Silver - Total	6010	1.00	09/30/2004 14:20	09/30 16:53	NA	NA	10/01 21:24	Yes SOIL
A4956922	SS-19	Mg/Kg	Sodium - Total	6010	1.00	09/30/2004 14:20	09/30 16:53	NA	NA	10/01 21:24	Yes SOIL
		Mg/Kg	Thallium - Total	6010	1.00	09/30/2004 14:20	09/30 16:53	NA	NA	10/01 21:24	Yes SOIL
		Mg/Kg	Vanadium - Total	6010	1.00	09/30/2004 14:20	09/30 16:53	NA	NA	10/01 21:24	Yes SOIL
		Mg/Kg	Zinc - Total	6010	1.00	09/30/2004 14:20	09/30 16:53	NA	NA	10/01 21:24	Yes SOIL
		Mg/Kg	Aluminum - Total	6010	1.00	09/30/2004 14:10	09/30 16:53	NA	NA	10/01 21:28	Yes SOIL
		Mg/Kg	Antimony - Total	6010	1.00	09/30/2004 14:10	09/30 16:53	NA	NA	10/01 21:28	Yes SOIL
		Mg/Kg	Arsenic - Total	6010	1.00	09/30/2004 14:10	09/30 16:53	NA	NA	10/01 21:28	Yes SOIL
		Mg/Kg	Barium - Total	6010	1.00	09/30/2004 14:10	09/30 16:53	NA	NA	10/01 21:28	Yes SOIL
		Mg/Kg	Beryllium - Total	6010	1.00	09/30/2004 14:10	09/30 16:53	NA	NA	10/01 21:28	Yes SOIL
		Mg/Kg	Cadmium - Total	6010	1.00	09/30/2004 14:10	09/30 16:53	NA	NA	10/01 21:28	Yes SOIL
		Mg/Kg	Calcium - Total	6010	1.00	09/30/2004 14:10	09/30 16:53	NA	NA	10/01 21:28	Yes SOIL
		Mg/Kg	Chromium - Total	6010	1.00	09/30/2004 14:10	09/30 16:53	NA	NA	10/01 21:28	Yes SOIL
		Mg/Kg	Cobalt - Total	6010	1.00	09/30/2004 14:10	09/30 16:53	NA	NA	10/01 21:28	Yes SOIL
		Mg/Kg	Copper - Total	6010	1.00	09/30/2004 14:10	09/30 16:53	NA	NA	10/01 21:28	Yes SOIL
		Mg/Kg									
		Mg/Kg									
		Mg/Kg									

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AHT = Analysis Holding Time Met
THT = TCLP Holding Time Met
NA = Not Applicable

Lab ID	Sample ID	Units	Analyte	Method	Dilution Factor	Sample Date	Receive Date	ICLP Date	THI	Analysis Date	AHT	Matrix
A4956922	SS-19	MG/KG	Iron - Total	6010	1.00	09/30/2004 14:10	09/30 16:53	NA	NA	10/01 21:28	Yes	SOIL
		MG/KG	Lead - Total	6010	1.00	09/30/2004 14:10	09/30 16:53	NA	NA	10/01 21:28	Yes	SOIL
		MG/KG	Magnesium - Total	6010	1.00	09/30/2004 14:10	09/30 16:53	NA	NA	10/01 21:28	Yes	SOIL
		MG/KG	Manganese - Total	6010	1.00	09/30/2004 14:10	09/30 16:53	NA	NA	10/01 21:28	Yes	SOIL
		MG/KG	Mercury - Total	7471	1.00	09/30/2004 14:10	09/30 16:53	NA	NA	10/04 13:12	Yes	SOIL
		MG/KG	Nickel - Total	6010	1.00	09/30/2004 14:10	09/30 16:53	NA	NA	10/01 21:28	Yes	SOIL
		MG/KG	Potassium - Total	6010	1.00	09/30/2004 14:10	09/30 16:53	NA	NA	10/01 21:28	Yes	SOIL
		MG/KG	Selenium - Total	6010	1.00	09/30/2004 14:10	09/30 16:53	NA	NA	10/01 21:28	Yes	SOIL
		MG/KG	Silver - Total	6010	1.00	09/30/2004 14:10	09/30 16:53	NA	NA	10/01 21:28	Yes	SOIL
		MG/KG	Sodium - Total	6010	1.00	09/30/2004 14:10	09/30 16:53	NA	NA	10/01 21:28	Yes	SOIL
		MG/KG	Thallium - Total	6010	1.00	09/30/2004 14:10	09/30 16:53	NA	NA	10/01 21:28	Yes	SOIL
		MG/KG	Vanadium - Total	6010	1.00	09/30/2004 14:10	09/30 16:53	NA	NA	10/01 21:28	Yes	SOIL
		MG/KG	Zinc - Total	6010	1.00	09/30/2004 14:10	09/30 16:53	NA	NA	10/01 21:28	Yes	SOIL
		MG/KG	Aluminum - Total	6010	1.00	09/30/2004 09:30	09/30 16:53	NA	NA	10/02 00:13	Yes	SOIL
		MG/KG	Antimony - Total	6010	1.00	09/30/2004 09:30	09/30 16:53	NA	NA	10/02 00:13	Yes	SOIL
		MG/KG	Arsenic - Total	6010	1.00	09/30/2004 09:30	09/30 16:53	NA	NA	10/02 00:13	Yes	SOIL
		MG/KG	Barium - Total	6010	1.00	09/30/2004 09:30	09/30 16:53	NA	NA	10/02 00:13	Yes	SOIL
		MG/KG	Beryllium - Total	6010	1.00	09/30/2004 09:30	09/30 16:53	NA	NA	10/02 00:13	Yes	SOIL
		MG/KG	Cadmium - Total	6010	1.00	09/30/2004 09:30	09/30 16:53	NA	NA	10/02 00:13	Yes	SOIL
A4956902	SS-2	MG/KG	Calcium - Total	6010	1.00	09/30/2004 09:30	09/30 16:53	NA	NA	10/02 00:13	Yes	SOIL
		MG/KG	Chromium - Total	6010	1.00	09/30/2004 09:30	09/30 16:53	NA	NA	10/02 00:13	Yes	SOIL
		MG/KG	Cobalt - Total	6010	1.00	09/30/2004 09:30	09/30 16:53	NA	NA	10/02 00:13	Yes	SOIL
		MG/KG	Copper - Total	6010	1.00	09/30/2004 09:30	09/30 16:53	NA	NA	10/02 00:13	Yes	SOIL
		MG/KG	Iron - Total	6010	1.00	09/30/2004 09:30	09/30 16:53	NA	NA	10/02 00:13	Yes	SOIL
		MG/KG	Lead - Total	6010	1.00	09/30/2004 09:30	09/30 16:53	NA	NA	10/02 00:13	Yes	SOIL
		MG/KG	Magnesium - Total	6010	1.00	09/30/2004 09:30	09/30 16:53	NA	NA	10/02 00:13	Yes	SOIL
		MG/KG	Manganese - Total	6010	1.00	09/30/2004 09:30	09/30 16:53	NA	NA	10/02 00:13	Yes	SOIL
		MG/KG	Mercury - Total	7471	1.00	09/30/2004 09:30	09/30 16:53	NA	NA	10/04 12:32	Yes	SOIL
		MG/KG	Nickel - Total	6010	1.00	09/30/2004 09:30	09/30 16:53	NA	NA	10/02 00:13	Yes	SOIL
		MG/KG	Potassium - Total	6010	1.00	09/30/2004 09:30	09/30 16:53	NA	NA	10/02 00:13	Yes	SOIL
		MG/KG	Selenium - Total	6010	1.00	09/30/2004 09:30	09/30 16:53	NA	NA	10/02 00:13	Yes	SOIL
		MG/KG	Silver - Total	6010	1.00	09/30/2004 09:30	09/30 16:53	NA	NA	10/02 00:13	Yes	SOIL
		MG/KG	Sodium - Total	6010	1.00	09/30/2004 09:30	09/30 16:53	NA	NA	10/02 00:13	Yes	SOIL
		MG/KG	Thallium - Total	6010	1.00	09/30/2004 09:30	09/30 16:53	NA	NA	10/02 00:13	Yes	SOIL
		MG/KG	Vanadium - Total	6010	1.00	09/30/2004 09:30	09/30 16:53	NA	NA	10/02 00:13	Yes	SOIL
		MG/KG	Zinc - Total	6010	1.00	09/30/2004 09:30	09/30 16:53	NA	NA	10/02 00:13	Yes	SOIL
		MG/KG	Aluminum - Total	6010	1.00	09/30/2004 09:30	09/30 16:53	NA	NA	10/02 00:13	Yes	SOIL
		MG/KG	Antimony - Total	6010	1.00	09/30/2004 09:30	09/30 16:53	NA	NA	10/02 00:13	Yes	SOIL
A4956903	SS-2 DEEP	MG/KG	Arsenic - Total	6010	1.00	09/30/2004 09:30	09/30 16:53	NA	NA	10/02 00:17	Yes	SOIL
		MG/KG	Barium - Total	6010	1.00	09/30/2004 09:30	09/30 16:53	NA	NA	10/02 00:17	Yes	SOIL
		MG/KG	Beryllium - Total	6010	1.00	09/30/2004 09:30	09/30 16:53	NA	NA	10/02 00:17	Yes	SOIL
		MG/KG	Cadmium - Total	6010	1.00	09/30/2004 09:30	09/30 16:53	NA	NA	10/02 00:17	Yes	SOIL
		MG/KG	Calcium - Total	6010	1.00	09/30/2004 09:30	09/30 16:53	NA	NA	10/02 00:17	Yes	SOIL
		MG/KG	Chromium - Total	6010	1.00	09/30/2004 09:30	09/30 16:53	NA	NA	10/02 00:17	Yes	SOIL
		MG/KG	Cobalt - Total	6010	1.00	09/30/2004 09:30	09/30 16:53	NA	NA	10/02 00:17	Yes	SOIL
		MG/KG	Copper - Total	6010	1.00	09/30/2004 09:30	09/30 16:53	NA	NA	10/02 00:17	Yes	SOIL
		MG/KG	Iron - Total	6010	1.00	09/30/2004 09:30	09/30 16:53	NA	NA	10/02 00:17	Yes	SOIL
		MG/KG	Lead - Total	6010	1.00	09/30/2004 09:30	09/30 16:53	NA	NA	10/02 00:17	Yes	SOIL

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Lab ID	Sample ID	Units	Analyte	Method	Dilution Factor	Sample Date	Receive Date	TCLP Date	THT	Analysis Date	AHT Matrix
A4956903	SS-2 DEEP	Mg/Kg	Magnesium - Total	6010	10.00	09/30/2004 09:30	09/30 16:53	NA	NA	10/02 18:12	Yes SOIL
		Mg/Kg	Manganese - Total	6010	1.00	09/30/2004 09:30	09/30 16:53	NA	NA	10/02 00:17	Yes SOIL
		Mg/Kg	Mercury - Total	7471	1.00	09/30/2004 09:30	09/30 16:53	NA	NA	10/04 12:34	Yes SOIL
		Mg/Kg	Nickel - Total	6010	1.00	09/30/2004 09:30	09/30 16:53	NA	NA	10/02 00:17	Yes SOIL
		Mg/Kg	Potassium - Total	6010	1.00	09/30/2004 09:30	09/30 16:53	NA	NA	10/02 00:17	Yes SOIL
		Mg/Kg	Selenium - Total	6010	1.00	09/30/2004 09:30	09/30 16:53	NA	NA	10/02 00:17	Yes SOIL
		Mg/Kg	Silver - Total	6010	1.00	09/30/2004 09:30	09/30 16:53	NA	NA	10/02 00:17	Yes SOIL
		Mg/Kg	Sodium - Total	6010	1.00	09/30/2004 09:30	09/30 16:53	NA	NA	10/02 00:17	Yes SOIL
		Mg/Kg	Thallium - Total	6010	1.00	09/30/2004 09:30	09/30 16:53	NA	NA	10/02 00:17	Yes SOIL
		Mg/Kg	Vanadium - Total	6010	1.00	09/30/2004 09:30	09/30 16:53	NA	NA	10/02 00:17	Yes SOIL
		Mg/Kg	Zinc - Total	6010	1.00	09/30/2004 09:30	09/30 16:53	NA	NA	10/02 00:17	Yes SOIL
		Mg/Kg	Aluminum - Total	6010	1.00	09/30/2004 14:50	09/30 16:53	NA	NA	10/01 21:33	Yes SOIL
		Mg/Kg	Antimony - Total	6010	1.00	09/30/2004 14:50	09/30 16:53	NA	NA	10/01 21:33	Yes SOIL
		Mg/Kg	Arsenic - Total	6010	1.00	09/30/2004 14:50	09/30 16:53	NA	NA	10/01 21:33	Yes SOIL
		Mg/Kg	Barium - Total	6010	1.00	09/30/2004 14:50	09/30 16:53	NA	NA	10/01 21:33	Yes SOIL
		Mg/Kg	Beryllium - Total	6010	1.00	09/30/2004 14:50	09/30 16:53	NA	NA	10/01 21:33	Yes SOIL
		Mg/Kg	Cadmium - Total	6010	1.00	09/30/2004 14:50	09/30 16:53	NA	NA	10/01 21:33	Yes SOIL
		Mg/Kg	Calcium - Total	6010	1.00	09/30/2004 14:50	09/30 16:53	NA	NA	10/01 21:33	Yes SOIL
		Mg/Kg	Chromium - Total	6010	1.00	09/30/2004 14:50	09/30 16:53	NA	NA	10/01 21:33	Yes SOIL
		Mg/Kg	Cobalt - Total	6010	1.00	09/30/2004 14:50	09/30 16:53	NA	NA	10/01 21:33	Yes SOIL
A4956923	SS-20	Mg/Kg	Copper - Total	6010	1.00	09/30/2004 14:50	09/30 16:53	NA	NA	10/01 21:33	Yes SOIL
		Mg/Kg	Iron - Total	6010	1.00	09/30/2004 14:50	09/30 16:53	NA	NA	10/01 21:33	Yes SOIL
		Mg/Kg	Lead - Total	6010	1.00	09/30/2004 14:50	09/30 16:53	NA	NA	10/01 21:33	Yes SOIL
		Mg/Kg	Magnesium - Total	6010	1.00	09/30/2004 14:50	09/30 16:53	NA	NA	10/01 21:33	Yes SOIL
		Mg/Kg	Manganese - Total	6010	1.00	09/30/2004 14:50	09/30 16:53	NA	NA	10/01 21:33	Yes SOIL
		Mg/Kg	Mercury - Total	7471	1.00	09/30/2004 14:50	09/30 16:53	NA	NA	10/04 13:13	Yes SOIL
		Mg/Kg	Nickel - Total	6010	1.00	09/30/2004 14:50	09/30 16:53	NA	NA	10/01 21:33	Yes SOIL
		Mg/Kg	Potassium - Total	6010	1.00	09/30/2004 14:50	09/30 16:53	NA	NA	10/01 21:33	Yes SOIL
		Mg/Kg	Selenium - Total	6010	1.00	09/30/2004 14:50	09/30 16:53	NA	NA	10/01 21:33	Yes SOIL
		Mg/Kg	Silver - Total	6010	1.00	09/30/2004 14:50	09/30 16:53	NA	NA	10/01 21:33	Yes SOIL
		Mg/Kg	Sodium - Total	6010	1.00	09/30/2004 14:50	09/30 16:53	NA	NA	10/01 21:33	Yes SOIL
		Mg/Kg	Thallium - Total	6010	1.00	09/30/2004 14:50	09/30 16:53	NA	NA	10/01 21:33	Yes SOIL
		Mg/Kg	Vanadium - Total	6010	1.00	09/30/2004 14:50	09/30 16:53	NA	NA	10/01 21:33	Yes SOIL
		Mg/Kg	Zinc - Total	6010	1.00	09/30/2004 14:50	09/30 16:53	NA	NA	10/01 21:33	Yes SOIL
		Mg/Kg	Aluminum - Total	6010	1.00	09/30/2004 14:50	09/30 16:53	NA	NA	10/01 21:37	Yes SOIL
		Mg/Kg	Antimony - Total	6010	1.00	09/30/2004 14:50	09/30 16:53	NA	NA	10/01 21:37	Yes SOIL
		Mg/Kg	Arsenic - Total	6010	1.00	09/30/2004 14:50	09/30 16:53	NA	NA	10/01 21:37	Yes SOIL
		Mg/Kg	Barium - Total	6010	1.00	09/30/2004 14:50	09/30 16:53	NA	NA	10/01 21:37	Yes SOIL
		Mg/Kg	Beryllium - Total	6010	1.00	09/30/2004 14:50	09/30 16:53	NA	NA	10/01 21:37	Yes SOIL
		Mg/Kg	Cadmium - Total	6010	1.00	09/30/2004 14:50	09/30 16:53	NA	NA	10/01 21:37	Yes SOIL
A4956924	SS-20 DEEP	Mg/Kg	Chromium - Total	6010	1.00	09/30/2004 14:50	09/30 16:53	NA	NA	10/01 21:37	Yes SOIL
		Mg/Kg	Cobalt - Total	6010	1.00	09/30/2004 14:50	09/30 16:53	NA	NA	10/01 21:37	Yes SOIL
		Mg/Kg	Copper - Total	6010	1.00	09/30/2004 14:50	09/30 16:53	NA	NA	10/01 21:37	Yes SOIL
		Mg/Kg	Iron - Total	6010	1.00	09/30/2004 14:50	09/30 16:53	NA	NA	10/01 21:37	Yes SOIL
		Mg/Kg	Lead - Total	6010	1.00	09/30/2004 14:50	09/30 16:53	NA	NA	10/01 21:37	Yes SOIL
		Mg/Kg	Magnesium - Total	6010	1.00	09/30/2004 14:50	09/30 16:53	NA	NA	10/01 21:37	Yes SOIL
		Mg/Kg	Manganese - Total	6010	1.00	09/30/2004 14:50	09/30 16:53	NA	NA	10/01 21:37	Yes SOIL
		Mg/Kg	Nickel - Total	6010	1.00	09/30/2004 14:50	09/30 16:53	NA	NA	10/01 21:37	Yes SOIL
		Mg/Kg	Potassium - Total	6010	1.00	09/30/2004 14:50	09/30 16:53	NA	NA	10/01 21:37	Yes SOIL
		Mg/Kg	Selenium - Total	6010	1.00	09/30/2004 14:50	09/30 16:53	NA	NA	10/01 21:37	Yes SOIL

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AHT = Analysis Holding Time Met
THT = TCLP Holding Time Met
NA = Not Applicable

Lab ID	Sample ID	Units	Analyte	Method	Dilution Factor	Sample Date	Receive Date	TCLP Date	THT	Analysis Date	AHT Matrix
A4956924	SS-20 DEEP	Mg/Kg	Mercury - Total	7471	1.00	09/30/2004 14:50	09/30 16:53	NA	NA	10/04 13:18	Yes SOIL
		Mg/Kg	Nickel - Total	6010	1.00	09/30/2004 14:50	09/30 16:53	NA	NA	10/01 21:37	Yes SOIL
		Mg/Kg	Potassium - Total	6010	1.00	09/30/2004 14:50	09/30 16:53	NA	NA	10/01 21:37	Yes SOIL
		Mg/Kg	Selenium - Total	6010	1.00	09/30/2004 14:50	09/30 16:53	NA	NA	10/01 21:37	Yes SOIL
		Mg/Kg	Silver - Total	6010	1.00	09/30/2004 14:50	09/30 16:53	NA	NA	10/01 21:37	Yes SOIL
		Mg/Kg	Sodium - Total	6010	1.00	09/30/2004 14:50	09/30 16:53	NA	NA	10/01 21:37	Yes SOIL
		Mg/Kg	Thallium - Total	6010	1.00	09/30/2004 14:50	09/30 16:53	NA	NA	10/01 21:37	Yes SOIL
		Mg/Kg	Vanadium - Total	6010	1.00	09/30/2004 14:50	09/30 16:53	NA	NA	10/01 21:37	Yes SOIL
		Mg/Kg	Zinc - Total	6010	1.00	09/30/2004 14:50	09/30 16:53	NA	NA	10/01 21:37	Yes SOIL
		Mg/Kg	Aluminum - Total	6010	1.00	09/30/2004 14:50	09/30 16:53	NA	NA	10/01 21:37	Yes SOIL
		Mg/Kg	Antimony - Total	6010	1.00	09/30/2004 15:05	09/30 16:53	NA	NA	10/01 21:42	Yes SOIL
		Mg/Kg	Arsenic - Total	6010	1.00	09/30/2004 15:05	09/30 16:53	NA	NA	10/01 21:42	Yes SOIL
		Mg/Kg	Barium - Total	6010	1.00	09/30/2004 15:05	09/30 16:53	NA	NA	10/01 21:42	Yes SOIL
		Mg/Kg	Beryllium - Total	6010	1.00	09/30/2004 15:05	09/30 16:53	NA	NA	10/01 21:42	Yes SOIL
		Mg/Kg	Cadmium - Total	6010	1.00	09/30/2004 15:05	09/30 16:53	NA	NA	10/01 21:42	Yes SOIL
		Mg/Kg	Calcium - Total	6010	1.00	09/30/2004 15:05	09/30 16:53	NA	NA	10/01 21:42	Yes SOIL
A4956925	SS-21	Mg/Kg	Chromium - Total	6010	1.00	09/30/2004 15:05	09/30 16:53	NA	NA	10/01 21:42	Yes SOIL
		Mg/Kg	Cobalt - Total	6010	1.00	09/30/2004 15:05	09/30 16:53	NA	NA	10/01 21:42	Yes SOIL
		Mg/Kg	Copper - Total	6010	1.00	09/30/2004 15:05	09/30 16:53	NA	NA	10/01 21:42	Yes SOIL
		Mg/Kg	Iron - Total	6010	1.00	09/30/2004 15:05	09/30 16:53	NA	NA	10/01 21:42	Yes SOIL
		Mg/Kg	Lead - Total	6010	1.00	09/30/2004 15:05	09/30 16:53	NA	NA	10/01 21:42	Yes SOIL
		Mg/Kg	Magnesium - Total	6010	1.00	09/30/2004 15:05	09/30 16:53	NA	NA	10/01 21:42	Yes SOIL
		Mg/Kg	Manganese - Total	6010	1.00	09/30/2004 15:05	09/30 16:53	NA	NA	10/01 21:42	Yes SOIL
		Mg/Kg	Mercury - Total	6010	1.00	09/30/2004 15:05	09/30 16:53	NA	NA	10/01 21:42	Yes SOIL
		Mg/Kg	Nickel - Total	6010	1.00	09/30/2004 15:05	09/30 16:53	NA	NA	10/01 21:42	Yes SOIL
		Mg/Kg	Potassium - Total	6010	1.00	09/30/2004 15:05	09/30 16:53	NA	NA	10/01 21:42	Yes SOIL
		Mg/Kg	Selenium - Total	6010	1.00	09/30/2004 15:05	09/30 16:53	NA	NA	10/01 21:42	Yes SOIL
		Mg/Kg	Silver - Total	6010	1.00	09/30/2004 15:05	09/30 16:53	NA	NA	10/01 21:42	Yes SOIL
		Mg/Kg	Sodium - Total	6010	1.00	09/30/2004 15:05	09/30 16:53	NA	NA	10/01 21:42	Yes SOIL
		Mg/Kg	Thallium - Total	6010	1.00	09/30/2004 15:05	09/30 16:53	NA	NA	10/01 21:42	Yes SOIL
		Mg/Kg	Vanadium - Total	6010	1.00	09/30/2004 15:05	09/30 16:53	NA	NA	10/01 21:42	Yes SOIL
		Mg/Kg	Zinc - Total	6010	1.00	09/30/2004 15:05	09/30 16:53	NA	NA	10/01 21:42	Yes SOIL
A4956926	SS-22	Mg/Kg	Aluminum - Total	6010	1.00	09/30/2004 15:15	09/30 16:53	NA	NA	10/01 21:46	Yes SOIL
		Mg/Kg	Antimony - Total	6010	1.00	09/30/2004 15:15	09/30 16:53	NA	NA	10/01 21:46	Yes SOIL
		Mg/Kg	Arsenic - Total	6010	1.00	09/30/2004 15:15	09/30 16:53	NA	NA	10/01 21:46	Yes SOIL
		Mg/Kg	Barium - Total	6010	1.00	09/30/2004 15:15	09/30 16:53	NA	NA	10/01 21:46	Yes SOIL
		Mg/Kg	Beryllium - Total	6010	1.00	09/30/2004 15:15	09/30 16:53	NA	NA	10/01 21:46	Yes SOIL
		Mg/Kg	Cadmium - Total	6010	1.00	09/30/2004 15:15	09/30 16:53	NA	NA	10/01 21:46	Yes SOIL
		Mg/Kg	Calcium - Total	6010	1.00	09/30/2004 15:15	09/30 16:53	NA	NA	10/01 21:46	Yes SOIL
		Mg/Kg	Chromium - Total	6010	1.00	09/30/2004 15:15	09/30 16:53	NA	NA	10/01 21:46	Yes SOIL
		Mg/Kg	Cobalt - Total	6010	1.00	09/30/2004 15:15	09/30 16:53	NA	NA	10/01 21:46	Yes SOIL
		Mg/Kg	Copper - Total	6010	1.00	09/30/2004 15:15	09/30 16:53	NA	NA	10/01 21:46	Yes SOIL
		Mg/Kg	Lead - Total	6010	1.00	09/30/2004 15:15	09/30 16:53	NA	NA	10/01 21:46	Yes SOIL
		Mg/Kg	Iron - Total	6010	1.00	09/30/2004 15:15	09/30 16:53	NA	NA	10/01 21:46	Yes SOIL
		Mg/Kg	Magnesium - Total	6010	1.00	09/30/2004 15:15	09/30 16:53	NA	NA	10/01 21:46	Yes SOIL
		Mg/Kg	Manganese - Total	6010	1.00	09/30/2004 15:15	09/30 16:53	NA	NA	10/01 21:46	Yes SOIL
		Mg/Kg	Mercury - Total	7471	1.00	09/30/2004 15:15	09/30 16:53	NA	NA	10/04 13:21	Yes SOIL
		Mg/Kg	Nickel - Total	6010	1.00	09/30/2004 15:15	09/30 16:53	NA	NA	10/01 21:46	Yes SOIL

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AHT = Analysis Holding Time Met
THT = TCLP Holding Time Met
NA = Not Applicable

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Lab ID	Sample ID	Units	Analyte	Method	Dilution Factor	Sample Date	Receive Date	TCLP Date	THT	Analysis Date	AHT Matrix
A4956926	SS-22	Mg/Kg	Potassium - Total	6010	1.00	09/30/2004 15:15	09/30 16:53	NA	NA	10/01 21:46	Yes SOIL
		Mg/Kg	Selenium - Total	6010	1.00	09/30/2004 15:15	09/30 16:53	NA	NA	10/01 21:46	Yes SOIL
		Mg/Kg	Silver - Total	6010	1.00	09/30/2004 15:15	09/30 16:53	NA	NA	10/01 21:46	Yes SOIL
		Mg/Kg	Sodium - Total	6010	1.00	09/30/2004 15:15	09/30 16:53	NA	NA	10/01 21:46	Yes SOIL
		Mg/Kg	Thallium - Total	6010	1.00	09/30/2004 15:15	09/30 16:53	NA	NA	10/01 21:46	Yes SOIL
		Mg/Kg	Vanadium - Total	6010	1.00	09/30/2004 15:15	09/30 16:53	NA	NA	10/01 21:46	Yes SOIL
		Mg/Kg	Zinc - Total	6010	1.00	09/30/2004 15:15	09/30 16:53	NA	NA	10/01 21:46	Yes SOIL
		Mg/Kg	Aluminum - Total	6010	1.00	09/30/2004 15:30	09/30 16:53	NA	NA	10/01 21:51	Yes SOIL
		Mg/Kg	Antimony - Total	6010	1.00	09/30/2004 15:30	09/30 16:53	NA	NA	10/01 21:51	Yes SOIL
		Mg/Kg	Arsenic - Total	6010	1.00	09/30/2004 15:30	09/30 16:53	NA	NA	10/01 21:51	Yes SOIL
A4956927	SS-23	Mg/Kg	Barium - Total	6010	1.00	09/30/2004 15:30	09/30 16:53	NA	NA	10/01 21:51	Yes SOIL
		Mg/Kg	Beryllium - Total	6010	1.00	09/30/2004 15:30	09/30 16:53	NA	NA	10/01 21:51	Yes SOIL
		Mg/Kg	Cadmium - Total	6010	1.00	09/30/2004 15:30	09/30 16:53	NA	NA	10/01 21:51	Yes SOIL
		Mg/Kg	Calcium - Total	6010	1.00	09/30/2004 15:30	09/30 16:53	NA	NA	10/01 21:51	Yes SOIL
		Mg/Kg	Chromium - Total	6010	1.00	09/30/2004 15:30	09/30 16:53	NA	NA	10/01 21:51	Yes SOIL
		Mg/Kg	Cobalt - Total	6010	1.00	09/30/2004 15:30	09/30 16:53	NA	NA	10/01 21:51	Yes SOIL
		Mg/Kg	Copper - Total	6010	1.00	09/30/2004 15:30	09/30 16:53	NA	NA	10/01 21:51	Yes SOIL
		Mg/Kg	Iron - Total	6010	1.00	09/30/2004 15:30	09/30 16:53	NA	NA	10/01 21:51	Yes SOIL
		Mg/Kg	Lead - Total	6010	1.00	09/30/2004 15:30	09/30 16:53	NA	NA	10/01 21:51	Yes SOIL
		Mg/Kg	Magnesium - Total	6010	1.00	09/30/2004 15:30	09/30 16:53	NA	NA	10/01 21:51	Yes SOIL
A4956928	SS-24	Mg/Kg	Manganese - Total	6010	1.00	09/30/2004 15:30	09/30 16:53	NA	NA	10/01 21:51	Yes SOIL
		Mg/Kg	Mercury - Total	7471	1.00	09/30/2004 15:30	09/30 16:53	NA	NA	10/01 21:51	Yes SOIL
		Mg/Kg	Nickel - Total	6010	1.00	09/30/2004 15:30	09/30 16:53	NA	NA	10/01 21:51	Yes SOIL
		Mg/Kg	Potassium - Total	6010	1.00	09/30/2004 15:30	09/30 16:53	NA	NA	10/01 21:51	Yes SOIL
		Mg/Kg	Selenium - Total	6010	1.00	09/30/2004 15:30	09/30 16:53	NA	NA	10/01 21:51	Yes SOIL
		Mg/Kg	Silver - Total	6010	1.00	09/30/2004 15:30	09/30 16:53	NA	NA	10/01 21:51	Yes SOIL
		Mg/Kg	Sodium - Total	6010	1.00	09/30/2004 15:30	09/30 16:53	NA	NA	10/01 21:51	Yes SOIL
		Mg/Kg	Thallium - Total	6010	1.00	09/30/2004 15:30	09/30 16:53	NA	NA	10/01 21:51	Yes SOIL
		Mg/Kg	Vanadium - Total	6010	1.00	09/30/2004 15:30	09/30 16:53	NA	NA	10/01 21:51	Yes SOIL
		Mg/Kg	Zinc - Total	6010	1.00	09/30/2004 15:30	09/30 16:53	NA	NA	10/01 21:51	Yes SOIL
A4956928	SS-24	Mg/Kg	Aluminum - Total	6010	1.00	09/30/2004 15:35	09/30 16:53	NA	NA	10/01 21:55	Yes SOIL
		Mg/Kg	Antimony - Total	6010	1.00	09/30/2004 15:35	09/30 16:53	NA	NA	10/01 21:55	Yes SOIL
		Mg/Kg	Arsenic - Total	6010	1.00	09/30/2004 15:35	09/30 16:53	NA	NA	10/01 21:55	Yes SOIL
		Mg/Kg	Barium - Total	6010	1.00	09/30/2004 15:35	09/30 16:53	NA	NA	10/01 21:55	Yes SOIL
		Mg/Kg	Beryllium - Total	6010	1.00	09/30/2004 15:35	09/30 16:53	NA	NA	10/01 21:55	Yes SOIL
		Mg/Kg	Cadmium - Total	6010	1.00	09/30/2004 15:35	09/30 16:53	NA	NA	10/01 21:55	Yes SOIL
		Mg/Kg	Calcium - Total	6010	1.00	09/30/2004 15:35	09/30 16:53	NA	NA	10/01 21:55	Yes SOIL
		Mg/Kg	Chromium - Total	6010	1.00	09/30/2004 15:35	09/30 16:53	NA	NA	10/01 21:55	Yes SOIL
		Mg/Kg	Cobalt - Total	6010	1.00	09/30/2004 15:35	09/30 16:53	NA	NA	10/01 21:55	Yes SOIL
		Mg/Kg	Copper - Total	6010	1.00	09/30/2004 15:35	09/30 16:53	NA	NA	10/01 21:55	Yes SOIL
A4956928	SS-24	Mg/Kg	Iron - Total	6010	1.00	09/30/2004 15:35	09/30 16:53	NA	NA	10/01 21:55	Yes SOIL
		Mg/Kg	Lead - Total	6010	1.00	09/30/2004 15:35	09/30 16:53	NA	NA	10/01 21:55	Yes SOIL
		Mg/Kg	Magnesium - Total	6010	1.00	09/30/2004 15:35	09/30 16:53	NA	NA	10/01 21:55	Yes SOIL
		Mg/Kg	Manganese - Total	6010	1.00	09/30/2004 15:35	09/30 16:53	NA	NA	10/01 21:55	Yes SOIL
		Mg/Kg	Mercury - Total	7471	1.00	09/30/2004 15:35	09/30 16:53	NA	NA	10/01 21:55	Yes SOIL
		Mg/Kg	Nickel - Total	6010	1.00	09/30/2004 15:35	09/30 16:53	NA	NA	10/01 21:55	Yes SOIL
		Mg/Kg	Potassium - Total	6010	1.00	09/30/2004 15:35	09/30 16:53	NA	NA	10/01 21:55	Yes SOIL
		Mg/Kg	Selenium - Total	6010	1.00	09/30/2004 15:35	09/30 16:53	NA	NA	10/01 21:55	Yes SOIL
		Mg/Kg	Silver - Total	6010	1.00	09/30/2004 15:35	09/30 16:53	NA	NA	10/01 21:55	Yes SOIL
		Mg/Kg	Sodium - Total	6010	1.00	09/30/2004 15:35	09/30 16:53	NA	NA	10/01 21:55	Yes SOIL

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Date: 10/20/2004 10:44:51
Jobno: A04-9569

WATTS ENGINEERS
SAMPLE CHRONOLOGY

Rept: AN0369

Lab ID	Sample ID	Units	Analyte	Method	Dilution Factor	Sample Date	Receive Date	TCLP Date	THT	Analysis Date	AHT Matrix
A4956928	SS-24	MG/KG	Silver - Total	6010	1.00	09/30/2004 15:35	09/30 16:53	NA	NA	10/01 21:55	Yes SOIL
		MG/KG	Sodium - Total	6010	1.00	09/30/2004 15:35	09/30 16:53	NA	NA	10/01 21:55	Yes SOIL
		MG/KG	Thallium - Total	6010	1.00	09/30/2004 15:35	09/30 16:53	NA	NA	10/01 21:55	Yes SOIL
		MG/KG	Vanadium - Total	6010	1.00	09/30/2004 15:35	09/30 16:53	NA	NA	10/01 21:55	Yes SOIL
		MG/KG	Zinc - Total	6010	1.00	09/30/2004 15:35	09/30 16:53	NA	NA	10/01 21:55	Yes SOIL
		MG/KG	Aluminum - Total	6010	1.00	09/30/2004 15:40	09/30 16:53	NA	NA	10/01 21:59	Yes SOIL
		MG/KG	Antimony - Total	6010	1.00	09/30/2004 15:40	09/30 16:53	NA	NA	10/01 21:59	Yes SOIL
		MG/KG	Arsenic - Total	6010	1.00	09/30/2004 15:40	09/30 16:53	NA	NA	10/01 21:59	Yes SOIL
		MG/KG	Barium - Total	6010	1.00	09/30/2004 15:40	09/30 16:53	NA	NA	10/01 21:59	Yes SOIL
		MG/KG	Beryllium - Total	6010	1.00	09/30/2004 15:40	09/30 16:53	NA	NA	10/01 21:59	Yes SOIL
A4956929	SS-25	MG/KG	Cadmium - Total	6010	50.00	09/30/2004 15:40	09/30 16:53	NA	NA	10/01 21:59	Yes SOIL
		MG/KG	Calcium - Total	6010	1.00	09/30/2004 15:40	09/30 16:53	NA	NA	10/02 17:52	Yes SOIL
		MG/KG	Chromium - Total	6010	1.00	09/30/2004 15:40	09/30 16:53	NA	NA	10/01 21:59	Yes SOIL
		MG/KG	Cobalt - Total	6010	1.00	09/30/2004 15:40	09/30 16:53	NA	NA	10/01 21:59	Yes SOIL
		MG/KG	Copper - Total	6010	1.00	09/30/2004 15:40	09/30 16:53	NA	NA	10/01 21:59	Yes SOIL
		MG/KG	Iron - Total	6010	50.00	09/30/2004 15:40	09/30 16:53	NA	NA	10/02 17:52	Yes SOIL
		MG/KG	Lead - Total	6010	1.00	09/30/2004 15:40	09/30 16:53	NA	NA	10/01 21:59	Yes SOIL
		MG/KG	Magnesium - Total	6010	1.00	09/30/2004 15:40	09/30 16:53	NA	NA	10/01 21:59	Yes SOIL
		MG/KG	Manganese - Total	6010	50.00	09/30/2004 15:40	09/30 16:53	NA	NA	10/02 17:52	Yes SOIL
		MG/KG	Mercury - Total	7471	1.00	09/30/2004 15:40	09/30 16:53	NA	NA	10/04 13:25	Yes SOIL
A4956930	SS-26 DEEP	MG/KG	Nickel - Total	6010	1.00	09/30/2004 15:40	09/30 16:53	NA	NA	10/01 21:59	Yes SOIL
		MG/KG	Potassium - Total	6010	1.00	09/30/2004 15:40	09/30 16:53	NA	NA	10/01 21:59	Yes SOIL
		MG/KG	Selenium - Total	6010	1.00	09/30/2004 15:40	09/30 16:53	NA	NA	10/01 21:59	Yes SOIL
		MG/KG	Silver - Total	6010	1.00	09/30/2004 15:40	09/30 16:53	NA	NA	10/01 21:59	Yes SOIL
		MG/KG	Sodium - Total	6010	1.00	09/30/2004 15:40	09/30 16:53	NA	NA	10/01 21:59	Yes SOIL
		MG/KG	Thallium - Total	6010	1.00	09/30/2004 15:40	09/30 16:53	NA	NA	10/01 21:59	Yes SOIL
		MG/KG	Vanadium - Total	6010	1.00	09/30/2004 15:40	09/30 16:53	NA	NA	10/01 21:59	Yes SOIL
		MG/KG	Zinc - Total	6010	1.00	09/30/2004 15:40	09/30 16:53	NA	NA	10/01 22:14	Yes SOIL
		MG/KG	Aluminum - Total	6010	1.00	09/30/2004 15:45	09/30 16:53	NA	NA	10/01 22:14	Yes SOIL
		MG/KG	Antimony - Total	6010	1.00	09/30/2004 15:45	09/30 16:53	NA	NA	10/01 22:14	Yes SOIL
A4956930	SS-26 DEEP	MG/KG	Arsenic - Total	6010	1.00	09/30/2004 15:45	09/30 16:53	NA	NA	10/01 22:14	Yes SOIL
		MG/KG	Barium - Total	6010	1.00	09/30/2004 15:45	09/30 16:53	NA	NA	10/01 22:14	Yes SOIL
		MG/KG	Beryllium - Total	6010	1.00	09/30/2004 15:45	09/30 16:53	NA	NA	10/01 22:14	Yes SOIL
		MG/KG	Cadmium - Total	6010	1.00	09/30/2004 15:45	09/30 16:53	NA	NA	10/01 22:14	Yes SOIL
		MG/KG	Calcium - Total	6010	5.00	09/30/2004 15:45	09/30 16:53	NA	NA	10/02 17:56	Yes SOIL
		MG/KG	Chromium - Total	6010	1.00	09/30/2004 15:45	09/30 16:53	NA	NA	10/01 22:14	Yes SOIL
		MG/KG	Cobalt - Total	6010	1.00	09/30/2004 15:45	09/30 16:53	NA	NA	10/01 22:14	Yes SOIL
		MG/KG	Copper - Total	6010	1.00	09/30/2004 15:45	09/30 16:53	NA	NA	10/01 22:14	Yes SOIL
		MG/KG	Iron - Total	6010	1.00	09/30/2004 15:45	09/30 16:53	NA	NA	10/01 22:14	Yes SOIL
		MG/KG	Lead - Total	6010	1.00	09/30/2004 15:45	09/30 16:53	NA	NA	10/02 17:56	Yes SOIL
A4956930	SS-26 DEEP	MG/KG	Magnesium - Total	6010	5.00	09/30/2004 15:45	09/30 16:53	NA	NA	10/01 22:14	Yes SOIL
		MG/KG	Manganese - Total	6010	1.00	09/30/2004 15:45	09/30 16:53	NA	NA	10/04 13:26	Yes SOIL
		MG/KG	Mercury - Total	7471	1.00	09/30/2004 15:45	09/30 16:53	NA	NA	10/01 22:14	Yes SOIL
		MG/KG	Nickel - Total	6010	1.00	09/30/2004 15:45	09/30 16:53	NA	NA	10/01 22:14	Yes SOIL
		MG/KG	Potassium - Total	6010	1.00	09/30/2004 15:45	09/30 16:53	NA	NA	10/01 22:14	Yes SOIL
		MG/KG	Selenium - Total	6010	1.00	09/30/2004 15:45	09/30 16:53	NA	NA	10/01 22:14	Yes SOIL
		MG/KG	Silver - Total	6010	1.00	09/30/2004 15:45	09/30 16:53	NA	NA	10/01 22:14	Yes SOIL
		MG/KG	Sodium - Total	6010	1.00	09/30/2004 15:45	09/30 16:53	NA	NA	10/01 22:14	Yes SOIL
		MG/KG	Thallium - Total	6010	1.00	09/30/2004 15:45	09/30 16:53	NA	NA	10/01 22:14	Yes SOIL
		MG/KG	Vanadium - Total	6010	1.00	09/30/2004 15:45	09/30 16:53	NA	NA	10/01 22:14	Yes SOIL

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AHT = Analysis Holding Time Met
THT = TCLP Holding Time Met
NA = Not Applicable

STL Buffalo

Lab ID	Sample ID	Units	Analyte	Method	Dilution Factor	Sample Date	Receive Date	TCLP Date	THT	Analysis Date	AHT	Matrix
A4956930	SS-26 DEEP	Mg/Kg	Thallium - Total	6010	1.00	09/30/2004 15:45	09/30 16:53	NA	NA	10/01 22:14	Yes	SOIL
		Mg/Kg	Vanadium - Total	6010	1.00	09/30/2004 15:45	09/30 16:53	NA	NA	10/01 22:14	Yes	SOIL
A4956904	SS-3	Mg/Kg	Zinc - Total	6010	1.00	09/30/2004 15:45	09/30 16:53	NA	NA	10/01 22:14	Yes	SOIL
		Mg/Kg	Aluminum - Total	6010	1.00	09/30/2004 10:05	09/30 16:53	NA	NA	10/02 00:22	Yes	SOIL
		Mg/Kg	Antimony - Total	6010	1.00	09/30/2004 10:05	09/30 16:53	NA	NA	10/02 00:22	Yes	SOIL
		Mg/Kg	Arsenic - Total	6010	1.00	09/30/2004 10:05	09/30 16:53	NA	NA	10/02 00:22	Yes	SOIL
		Mg/Kg	Barium - Total	6010	1.00	09/30/2004 10:05	09/30 16:53	NA	NA	10/02 00:22	Yes	SOIL
		Mg/Kg	Beryllium - Total	6010	1.00	09/30/2004 10:05	09/30 16:53	NA	NA	10/02 00:22	Yes	SOIL
		Mg/Kg	Cadmium - Total	6010	1.00	09/30/2004 10:05	09/30 16:53	NA	NA	10/02 00:22	Yes	SOIL
		Mg/Kg	Calcium - Total	6010	1.00	09/30/2004 10:05	09/30 16:53	NA	NA	10/02 00:22	Yes	SOIL
		Mg/Kg	Chromium - Total	6010	1.00	09/30/2004 10:05	09/30 16:53	NA	NA	10/02 00:22	Yes	SOIL
		Mg/Kg	Cobalt - Total	6010	1.00	09/30/2004 10:05	09/30 16:53	NA	NA	10/02 00:22	Yes	SOIL
		Mg/Kg	Copper - Total	6010	1.00	09/30/2004 10:05	09/30 16:53	NA	NA	10/02 00:22	Yes	SOIL
		Mg/Kg	Iron - Total	6010	1.00	09/30/2004 10:05	09/30 16:53	NA	NA	10/02 00:22	Yes	SOIL
		Mg/Kg	Lead - Total	6010	1.00	09/30/2004 10:05	09/30 16:53	NA	NA	10/02 00:22	Yes	SOIL
		Mg/Kg	Magnesium - Total	6010	1.00	09/30/2004 10:05	09/30 16:53	NA	NA	10/02 00:22	Yes	SOIL
		Mg/Kg	Manganese - Total	6010	1.00	09/30/2004 10:05	09/30 16:53	NA	NA	10/02 00:22	Yes	SOIL
		Mg/Kg	Mercury - Total	7471	1.00	09/30/2004 10:05	09/30 16:53	NA	NA	10/04 12:35	Yes	SOIL
		Mg/Kg	Nickel - Total	6010	1.00	09/30/2004 10:05	09/30 16:53	NA	NA	10/02 00:22	Yes	SOIL
A4956905	SS-4	Mg/Kg	Potassium - Total	6010	1.00	09/30/2004 10:05	09/30 16:53	NA	NA	10/02 00:22	Yes	SOIL
		Mg/Kg	Selenium - Total	6010	1.00	09/30/2004 10:05	09/30 16:53	NA	NA	10/02 00:22	Yes	SOIL
		Mg/Kg	Silver - Total	6010	1.00	09/30/2004 10:05	09/30 16:53	NA	NA	10/02 00:22	Yes	SOIL
		Mg/Kg	Sodium - Total	6010	1.00	09/30/2004 10:05	09/30 16:53	NA	NA	10/02 00:22	Yes	SOIL
		Mg/Kg	Thallium - Total	6010	1.00	09/30/2004 10:05	09/30 16:53	NA	NA	10/02 00:22	Yes	SOIL
		Mg/Kg	Vanadium - Total	6010	1.00	09/30/2004 10:05	09/30 16:53	NA	NA	10/02 00:22	Yes	SOIL
		Mg/Kg	Zinc - Total	6010	1.00	09/30/2004 10:05	09/30 16:53	NA	NA	10/02 00:22	Yes	SOIL
		Mg/Kg	Aluminum - Total	6010	1.00	09/30/2004 10:55	09/30 16:53	NA	NA	10/02 00:26	Yes	SOIL
		Mg/Kg	Antimony - Total	6010	1.00	09/30/2004 10:55	09/30 16:53	NA	NA	10/02 00:26	Yes	SOIL
		Mg/Kg	Arsenic - Total	6010	1.00	09/30/2004 10:55	09/30 16:53	NA	NA	10/02 00:26	Yes	SOIL
		Mg/Kg	Barium - Total	6010	1.00	09/30/2004 10:55	09/30 16:53	NA	NA	10/02 00:26	Yes	SOIL
		Mg/Kg	Beryllium - Total	6010	1.00	09/30/2004 10:55	09/30 16:53	NA	NA	10/02 00:26	Yes	SOIL
		Mg/Kg	Cadmium - Total	6010	1.00	09/30/2004 10:55	09/30 16:53	NA	NA	10/02 00:26	Yes	SOIL
		Mg/Kg	Calcium - Total	6010	1.00	09/30/2004 10:55	09/30 16:53	NA	NA	10/02 00:26	Yes	SOIL
		Mg/Kg	Chromium - Total	6010	1.00	09/30/2004 10:55	09/30 16:53	NA	NA	10/02 00:26	Yes	SOIL
		Mg/Kg	Cobalt - Total	6010	1.00	09/30/2004 10:55	09/30 16:53	NA	NA	10/02 00:26	Yes	SOIL
		Mg/Kg	Copper - Total	6010	1.00	09/30/2004 10:55	09/30 16:53	NA	NA	10/02 00:26	Yes	SOIL
		Mg/Kg	Iron - Total	6010	1.00	09/30/2004 10:55	09/30 16:53	NA	NA	10/02 00:26	Yes	SOIL
		Mg/Kg	Lead - Total	6010	1.00	09/30/2004 10:55	09/30 16:53	NA	NA	10/02 00:26	Yes	SOIL
		Mg/Kg	Magnesium - Total	6010	1.00	09/30/2004 10:55	09/30 16:53	NA	NA	10/02 00:26	Yes	SOIL
		Mg/Kg	Manganese - Total	6010	1.00	09/30/2004 10:55	09/30 16:53	NA	NA	10/02 00:26	Yes	SOIL
		Mg/Kg	Mercury - Total	7471	1.00	09/30/2004 10:55	09/30 16:53	NA	NA	10/04 12:46	Yes	SOIL
		Mg/Kg	Nickel - Total	6010	1.00	09/30/2004 10:55	09/30 16:53	NA	NA	10/02 00:26	Yes	SOIL
		Mg/Kg	Potassium - Total	6010	1.00	09/30/2004 10:55	09/30 16:53	NA	NA	10/02 00:26	Yes	SOIL
		Mg/Kg	Selenium - Total	6010	1.00	09/30/2004 10:55	09/30 16:53	NA	NA	10/02 00:26	Yes	SOIL
		Mg/Kg	Silver - Total	6010	1.00	09/30/2004 10:55	09/30 16:53	NA	NA	10/02 00:26	Yes	SOIL
		Mg/Kg	Sodium - Total	6010	1.00	09/30/2004 10:55	09/30 16:53	NA	NA	10/02 00:26	Yes	SOIL
		Mg/Kg	Thallium - Total	6010	1.00	09/30/2004 10:55	09/30 16:53	NA	NA	10/02 00:26	Yes	SOIL
		Mg/Kg	Vanadium - Total	6010	1.00	09/30/2004 10:55	09/30 16:53	NA	NA	10/02 00:26	Yes	SOIL

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Lab ID	Sample ID	Units	Analyte	Method	Dilution Factor	Sample Date	Receive Date	TCLP Date	TH	Analysis Date	AHT	Matrix
A4956905 A4956906	SS-4 SS-4 DEEP	MG/KG	Zinc - Total	6010	1.00	09/30/2004 10:55	09/30 16:53	NA	NA	10/02 00:26	Yes	SOIL
		MG/KG	Aluminum - Total	6010	1.00	09/30/2004 10:55	09/30 16:53	NA	NA	10/02 00:31	Yes	SOIL
		MG/KG	Antimony - Total	6010	1.00	09/30/2004 10:55	09/30 16:53	NA	NA	10/02 00:31	Yes	SOIL
		MG/KG	Arsenic - Total	6010	1.00	09/30/2004 10:55	09/30 16:53	NA	NA	10/02 00:31	Yes	SOIL
		MG/KG	Barium - Total	6010	1.00	09/30/2004 10:55	09/30 16:53	NA	NA	10/02 00:31	Yes	SOIL
		MG/KG	Beryllium - Total	6010	1.00	09/30/2004 10:55	09/30 16:53	NA	NA	10/02 00:31	Yes	SOIL
		MG/KG	Cadmium - Total	6010	1.00	09/30/2004 10:55	09/30 16:53	NA	NA	10/02 00:31	Yes	SOIL
		MG/KG	Calcium - Total	6010	10.00	09/30/2004 10:55	09/30 16:53	NA	NA	10/02 18:17	Yes	SOIL
		MG/KG	Chromium - Total	6010	1.00	09/30/2004 10:55	09/30 16:53	NA	NA	10/02 00:31	Yes	SOIL
		MG/KG	Cobalt - Total	6010	1.00	09/30/2004 10:55	09/30 16:53	NA	NA	10/02 00:31	Yes	SOIL
		MG/KG	Copper - Total	6010	1.00	09/30/2004 10:55	09/30 16:53	NA	NA	10/02 00:31	Yes	SOIL
		MG/KG	Iron - Total	6010	1.00	09/30/2004 10:55	09/30 16:53	NA	NA	10/02 00:31	Yes	SOIL
		MG/KG	Lead - Total	6010	1.00	09/30/2004 10:55	09/30 16:53	NA	NA	10/02 18:17	Yes	SOIL
		MG/KG	Magnesium - Total	6010	1.00	09/30/2004 10:55	09/30 16:53	NA	NA	10/02 00:31	Yes	SOIL
		MG/KG	Manganese - Total	6010	1.00	09/30/2004 10:55	09/30 16:53	NA	NA	10/02 00:31	Yes	SOIL
		MG/KG	Mercury - Total	7471	1.00	09/30/2004 10:55	09/30 16:53	NA	NA	10/04 12:47	Yes	SOIL
		MG/KG	Nickel - Total	6010	1.00	09/30/2004 10:55	09/30 16:53	NA	NA	10/02 00:31	Yes	SOIL
		MG/KG	Potassium - Total	6010	1.00	09/30/2004 10:55	09/30 16:53	NA	NA	10/02 00:31	Yes	SOIL
		MG/KG	Selenium - Total	6010	1.00	09/30/2004 10:55	09/30 16:53	NA	NA	10/02 00:31	Yes	SOIL
		MG/KG	Silver - Total	6010	1.00	09/30/2004 10:55	09/30 16:53	NA	NA	10/02 00:31	Yes	SOIL
A4956907	SS-5	MG/KG	Sodium - Total	6010	1.00	09/30/2004 10:55	09/30 16:53	NA	NA	10/02 00:31	Yes	SOIL
		MG/KG	Thallium - Total	6010	1.00	09/30/2004 10:55	09/30 16:53	NA	NA	10/02 00:31	Yes	SOIL
		MG/KG	Vanadium - Total	6010	1.00	09/30/2004 10:55	09/30 16:53	NA	NA	10/02 00:31	Yes	SOIL
		MG/KG	Zinc - Total	6010	1.00	09/30/2004 10:45	09/30 16:53	NA	NA	10/02 00:35	Yes	SOIL
		MG/KG	Aluminum - Total	6010	1.00	09/30/2004 10:45	09/30 16:53	NA	NA	10/02 00:35	Yes	SOIL
		MG/KG	Antimony - Total	6010	1.00	09/30/2004 10:45	09/30 16:53	NA	NA	10/02 00:35	Yes	SOIL
		MG/KG	Arsenic - Total	6010	1.00	09/30/2004 10:45	09/30 16:53	NA	NA	10/02 00:35	Yes	SOIL
		MG/KG	Barium - Total	6010	1.00	09/30/2004 10:45	09/30 16:53	NA	NA	10/02 00:35	Yes	SOIL
		MG/KG	Beryllium - Total	6010	1.00	09/30/2004 10:45	09/30 16:53	NA	NA	10/02 00:35	Yes	SOIL
		MG/KG	Cadmium - Total	6010	1.00	09/30/2004 10:45	09/30 16:53	NA	NA	10/02 00:35	Yes	SOIL
		MG/KG	Calcium - Total	6010	1.00	09/30/2004 10:45	09/30 16:53	NA	NA	10/02 00:35	Yes	SOIL
		MG/KG	Chromium - Total	6010	1.00	09/30/2004 10:45	09/30 16:53	NA	NA	10/02 00:35	Yes	SOIL
		MG/KG	Cobalt - Total	6010	1.00	09/30/2004 10:45	09/30 16:53	NA	NA	10/02 00:35	Yes	SOIL
		MG/KG	Copper - Total	6010	1.00	09/30/2004 10:45	09/30 16:53	NA	NA	10/02 00:35	Yes	SOIL
		MG/KG	Iron - Total	6010	1.00	09/30/2004 10:45	09/30 16:53	NA	NA	10/02 00:35	Yes	SOIL
		MG/KG	Lead - Total	6010	1.00	09/30/2004 10:45	09/30 16:53	NA	NA	10/02 00:35	Yes	SOIL
		MG/KG	Magnesium - Total	6010	1.00	09/30/2004 10:45	09/30 16:53	NA	NA	10/02 00:35	Yes	SOIL
		MG/KG	Manganese - Total	6010	1.00	09/30/2004 10:45	09/30 16:53	NA	NA	10/02 00:35	Yes	SOIL
		MG/KG	Mercury - Total	7471	1.00	09/30/2004 10:45	09/30 16:53	NA	NA	10/04 12:49	Yes	SOIL
		MG/KG	Nickel - Total	6010	1.00	09/30/2004 10:45	09/30 16:53	NA	NA	10/02 00:35	Yes	SOIL
A4956908	SS-6	MG/KG	Potassium - Total	6010	1.00	09/30/2004 10:45	09/30 16:53	NA	NA	10/02 00:35	Yes	SOIL
		MG/KG	Selenium - Total	6010	1.00	09/30/2004 10:45	09/30 16:53	NA	NA	10/02 00:35	Yes	SOIL
		MG/KG	Silver - Total	6010	1.00	09/30/2004 10:45	09/30 16:53	NA	NA	10/02 00:35	Yes	SOIL
		MG/KG	Sodium - Total	6010	1.00	09/30/2004 10:45	09/30 16:53	NA	NA	10/02 00:35	Yes	SOIL
		MG/KG	Thallium - Total	6010	1.00	09/30/2004 10:45	09/30 16:53	NA	NA	10/02 00:35	Yes	SOIL
		MG/KG	Vanadium - Total	6010	1.00	09/30/2004 10:45	09/30 16:53	NA	NA	10/02 00:35	Yes	SOIL
		MG/KG	Zinc - Total	6010	1.00	09/30/2004 10:45	09/30 16:53	NA	NA	10/02 00:35	Yes	SOIL
		MG/KG	Aluminum - Total	6010	1.00	09/30/2004 10:35	09/30 16:53	NA	NA	10/02 00:59	Yes	SOIL

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AHT = Analysis Holding Time Met
THT = TCLP Holding Time Met
NA = Not Applicable

STL Buffalo

Lab ID	Sample ID	Units	Analyte	Method	Dilution Factor	Sample Date	Receive Date	TCLP Date	THT	Analysis Date	AHT Matrix
A4956908	SS-6	Mg/Kg	Antimony - Total	6010	1.00	09/30/2004 10:35	09/30 16:53	NA	NA	10/02 00:39	Yes SOIL
		Mg/Kg	Arsenic - Total	6010	1.00	09/30/2004 10:35	09/30 16:53	NA	NA	10/02 00:39	Yes SOIL
		Mg/Kg	Barium - Total	6010	1.00	09/30/2004 10:35	09/30 16:53	NA	NA	10/02 00:39	Yes SOIL
		Mg/Kg	Beryllium - Total	6010	1.00	09/30/2004 10:35	09/30 16:53	NA	NA	10/02 00:39	Yes SOIL
		Mg/Kg	Cadmium - Total	6010	1.00	09/30/2004 10:35	09/30 16:53	NA	NA	10/02 00:39	Yes SOIL
		Mg/Kg	Calcium - Total	6010	1.00	09/30/2004 10:35	09/30 16:53	NA	NA	10/02 00:39	Yes SOIL
		Mg/Kg	Chromium - Total	6010	1.00	09/30/2004 10:35	09/30 16:53	NA	NA	10/02 00:39	Yes SOIL
		Mg/Kg	Cobalt - Total	6010	1.00	09/30/2004 10:35	09/30 16:53	NA	NA	10/02 00:39	Yes SOIL
		Mg/Kg	Copper - Total	6010	1.00	09/30/2004 10:35	09/30 16:53	NA	NA	10/02 00:39	Yes SOIL
		Mg/Kg	Iron - Total	6010	1.00	09/30/2004 10:35	09/30 16:53	NA	NA	10/02 00:39	Yes SOIL
		Mg/Kg	Lead - Total	6010	1.00	09/30/2004 10:35	09/30 16:53	NA	NA	10/02 00:39	Yes SOIL
		Mg/Kg	Magnesium - Total	6010	1.00	09/30/2004 10:35	09/30 16:53	NA	NA	10/02 00:39	Yes SOIL
		Mg/Kg	Manganese - Total	6010	1.00	09/30/2004 10:35	09/30 16:53	NA	NA	10/02 00:39	Yes SOIL
		Mg/Kg	Mercury - Total	7471	1.00	09/30/2004 10:35	09/30 16:53	NA	NA	10/04 12:52	Yes SOIL
		Mg/Kg	Nickel - Total	6010	1.00	09/30/2004 10:35	09/30 16:53	NA	NA	10/02 00:39	Yes SOIL
		Mg/Kg	Potassium - Total	6010	1.00	09/30/2004 10:35	09/30 16:53	NA	NA	10/02 00:39	Yes SOIL
		Mg/Kg	Selenium - Total	6010	1.00	09/30/2004 10:35	09/30 16:53	NA	NA	10/02 00:39	Yes SOIL
		Mg/Kg	Silver - Total	6010	1.00	09/30/2004 10:35	09/30 16:53	NA	NA	10/02 00:39	Yes SOIL
		Mg/Kg	Sodium - Total	6010	1.00	09/30/2004 10:35	09/30 16:53	NA	NA	10/02 00:39	Yes SOIL
		Mg/Kg	Thallium - Total	6010	1.00	09/30/2004 10:35	09/30 16:53	NA	NA	10/02 00:39	Yes SOIL
A4956909	SS-7	Mg/Kg	Vanadium - Total	6010	1.00	09/30/2004 10:35	09/30 16:53	NA	NA	10/02 00:39	Yes SOIL
		Mg/Kg	Zinc - Total	6010	1.00	09/30/2004 10:35	09/30 16:53	NA	NA	10/02 00:39	Yes SOIL
		Mg/Kg	Aluminum - Total	6010	1.00	09/30/2004 10:25	09/30 16:53	NA	NA	10/02 00:44	Yes SOIL
		Mg/Kg	Antimony - Total	6010	1.00	09/30/2004 10:25	09/30 16:53	NA	NA	10/02 00:44	Yes SOIL
		Mg/Kg	Arsenic - Total	6010	1.00	09/30/2004 10:25	09/30 16:53	NA	NA	10/02 00:44	Yes SOIL
		Mg/Kg	Barium - Total	6010	1.00	09/30/2004 10:25	09/30 16:53	NA	NA	10/02 00:44	Yes SOIL
		Mg/Kg	Beryllium - Total	6010	1.00	09/30/2004 10:25	09/30 16:53	NA	NA	10/02 00:44	Yes SOIL
		Mg/Kg	Cadmium - Total	6010	1.00	09/30/2004 10:25	09/30 16:53	NA	NA	10/02 00:44	Yes SOIL
		Mg/Kg	Calcium - Total	6010	1.00	09/30/2004 10:25	09/30 16:53	NA	NA	10/02 00:44	Yes SOIL
		Mg/Kg	Chromium - Total	6010	1.00	09/30/2004 10:25	09/30 16:53	NA	NA	10/02 00:44	Yes SOIL
		Mg/Kg	Cobalt - Total	6010	1.00	09/30/2004 10:25	09/30 16:53	NA	NA	10/02 00:44	Yes SOIL
		Mg/Kg	Copper - Total	6010	1.00	09/30/2004 10:25	09/30 16:53	NA	NA	10/02 00:44	Yes SOIL
		Mg/Kg	Iron - Total	6010	1.00	09/30/2004 10:25	09/30 16:53	NA	NA	10/02 00:44	Yes SOIL
		Mg/Kg	Lead - Total	6010	1.00	09/30/2004 10:25	09/30 16:53	NA	NA	10/02 18:22	Yes SOIL
		Mg/Kg	Magnesium - Total	6010	1.00	09/30/2004 10:25	09/30 16:53	NA	NA	10/02 00:44	Yes SOIL
		Mg/Kg	Manganese - Total	6010	1.00	09/30/2004 10:25	09/30 16:53	NA	NA	10/02 00:44	Yes SOIL
		Mg/Kg	Mercury - Total	7471	1.00	09/30/2004 10:25	09/30 16:53	NA	NA	10/04 12:53	Yes SOIL
		Mg/Kg	Nickel - Total	6010	1.00	09/30/2004 10:25	09/30 16:53	NA	NA	10/02 00:44	Yes SOIL
		Mg/Kg	Potassium - Total	6010	1.00	09/30/2004 10:25	09/30 16:53	NA	NA	10/02 00:44	Yes SOIL
		Mg/Kg	Selenium - Total	6010	1.00	09/30/2004 10:25	09/30 16:53	NA	NA	10/02 00:44	Yes SOIL
A4956910	SS-8	Mg/Kg	Silver - Total	6010	1.00	09/30/2004 10:25	09/30 16:53	NA	NA	10/02 00:44	Yes SOIL
		Mg/Kg	Sodium - Total	6010	1.00	09/30/2004 10:25	09/30 16:53	NA	NA	10/02 00:44	Yes SOIL
		Mg/Kg	Thallium - Total	6010	1.00	09/30/2004 10:25	09/30 16:53	NA	NA	10/02 00:44	Yes SOIL
		Mg/Kg	Vanadium - Total	6010	1.00	09/30/2004 10:25	09/30 16:53	NA	NA	10/02 00:44	Yes SOIL
		Mg/Kg	Zinc - Total	6010	1.00	09/30/2004 11:10	09/30 16:53	NA	NA	10/02 00:48	Yes SOIL
		Mg/Kg	Aluminum - Total	6010	1.00	09/30/2004 11:10	09/30 16:53	NA	NA	10/02 00:48	Yes SOIL
		Mg/Kg	Antimony - Total	6010	1.00	09/30/2004 11:10	09/30 16:53	NA	NA	10/02 00:48	Yes SOIL
		Mg/Kg	Arsenic - Total	6010	1.00	09/30/2004 11:10	09/30 16:53	NA	NA	10/02 00:48	Yes SOIL
		Mg/Kg									
		Mg/Kg									

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Lab ID	Sample ID	Units	Analyte	Method	Dilution Factor	Sample Date	Receive Date	TCLP Date	THI	Analysis Date	AHT Matrix
A4956910	SS-8	Mg/Kg	Barium - Total	6010	1.00	09/30/2004 11:10	09/30 16:53	NA	NA	10/02 00:48	Yes SOIL
		Mg/Kg	Beryllium - Total	6010	1.00	09/30/2004 11:10	09/30 16:53	NA	NA	10/02 00:48	Yes SOIL
		Mg/Kg	Cadmium - Total	6010	1.00	09/30/2004 11:10	09/30 16:53	NA	NA	10/02 00:48	Yes SOIL
		Mg/Kg	Calcium - Total	6010	1.00	09/30/2004 11:10	09/30 16:53	NA	NA	10/02 00:48	Yes SOIL
		Mg/Kg	Chromium - Total	6010	1.00	09/30/2004 11:10	09/30 16:53	NA	NA	10/02 00:48	Yes SOIL
		Mg/Kg	Cobalt - Total	6010	1.00	09/30/2004 11:10	09/30 16:53	NA	NA	10/02 00:48	Yes SOIL
		Mg/Kg	Copper - Total	6010	1.00	09/30/2004 11:10	09/30 16:53	NA	NA	10/02 00:48	Yes SOIL
		Mg/Kg	Iron - Total	6010	1.00	09/30/2004 11:10	09/30 16:53	NA	NA	10/02 00:48	Yes SOIL
		Mg/Kg	Lead - Total	6010	1.00	09/30/2004 11:10	09/30 16:53	NA	NA	10/02 00:48	Yes SOIL
		Mg/Kg	Magnesium - Total	6010	1.00	09/30/2004 11:10	09/30 16:53	NA	NA	10/02 00:48	Yes SOIL
		Mg/Kg	Manganese - Total	6010	1.00	09/30/2004 11:10	09/30 16:53	NA	NA	10/02 00:48	Yes SOIL
		Mg/Kg	Mercury - Total	7471	1.00	09/30/2004 11:10	09/30 16:53	NA	NA	10/04 12:54	Yes SOIL
		Mg/Kg	Nickel - Total	6010	1.00	09/30/2004 11:10	09/30 16:53	NA	NA	10/02 00:48	Yes SOIL
		Mg/Kg	Potassium - Total	6010	1.00	09/30/2004 11:10	09/30 16:53	NA	NA	10/02 00:48	Yes SOIL
		Mg/Kg	Selenium - Total	6010	1.00	09/30/2004 11:10	09/30 16:53	NA	NA	10/02 00:48	Yes SOIL
		Mg/Kg	Silver - Total	6010	1.00	09/30/2004 11:10	09/30 16:53	NA	NA	10/02 00:48	Yes SOIL
		Mg/Kg	Sodium - Total	6010	1.00	09/30/2004 11:10	09/30 16:53	NA	NA	10/02 00:48	Yes SOIL
		Mg/Kg	Thallium - Total	6010	1.00	09/30/2004 11:10	09/30 16:53	NA	NA	10/02 00:48	Yes SOIL
		Mg/Kg	Vanadium - Total	6010	1.00	09/30/2004 11:10	09/30 16:53	NA	NA	10/02 00:48	Yes SOIL
		Mg/Kg	Zinc - Total	6010	1.00	09/30/2004 11:10	09/30 16:53	NA	NA	10/02 00:48	Yes SOIL
A4956911	SS-9	Mg/Kg	Aluminum - Total	6010	1.00	09/30/2004 11:10	09/30 16:53	NA	NA	10/02 00:48	Yes SOIL
		Mg/Kg	Antimony - Total	6010	1.00	09/30/2004 11:20	09/30 16:53	NA	NA	10/02 01:03	Yes SOIL
		Mg/Kg	Arsenic - Total	6010	1.00	09/30/2004 11:20	09/30 16:53	NA	NA	10/02 01:03	Yes SOIL
		Mg/Kg	Barium - Total	6010	1.00	09/30/2004 11:20	09/30 16:53	NA	NA	10/02 01:03	Yes SOIL
		Mg/Kg	Beryllium - Total	6010	1.00	09/30/2004 11:20	09/30 16:53	NA	NA	10/02 01:03	Yes SOIL
		Mg/Kg	Cadmium - Total	6010	1.00	09/30/2004 11:20	09/30 16:53	NA	NA	10/02 01:03	Yes SOIL
		Mg/Kg	Calcium - Total	6010	1.00	09/30/2004 11:20	09/30 16:53	NA	NA	10/02 01:03	Yes SOIL
		Mg/Kg	Chromium - Total	6010	1.00	09/30/2004 11:20	09/30 16:53	NA	NA	10/02 01:03	Yes SOIL
		Mg/Kg	Cobalt - Total	6010	1.00	09/30/2004 11:20	09/30 16:53	NA	NA	10/02 01:03	Yes SOIL
		Mg/Kg	Copper - Total	6010	1.00	09/30/2004 11:20	09/30 16:53	NA	NA	10/02 01:03	Yes SOIL
		Mg/Kg	Iron - Total	6010	1.00	09/30/2004 11:20	09/30 16:53	NA	NA	10/02 01:03	Yes SOIL
		Mg/Kg	Lead - Total	6010	1.00	09/30/2004 11:20	09/30 16:53	NA	NA	10/02 01:03	Yes SOIL
		Mg/Kg	Magnesium - Total	6010	1.00	09/30/2004 11:20	09/30 16:53	NA	NA	10/02 01:03	Yes SOIL
		Mg/Kg	Manganese - Total	6010	1.00	09/30/2004 11:20	09/30 16:53	NA	NA	10/02 01:03	Yes SOIL
		Mg/Kg	Mercury - Total	7471	1.00	09/30/2004 11:20	09/30 16:53	NA	NA	10/04 12:55	Yes SOIL
		Mg/Kg	Nickel - Total	6010	1.00	09/30/2004 11:20	09/30 16:53	NA	NA	10/02 01:03	Yes SOIL
		Mg/Kg	Potassium - Total	6010	1.00	09/30/2004 11:20	09/30 16:53	NA	NA	10/02 01:03	Yes SOIL
		Mg/Kg	Selenium - Total	6010	1.00	09/30/2004 11:20	09/30 16:53	NA	NA	10/02 01:03	Yes SOIL
		Mg/Kg	Silver - Total	6010	1.00	09/30/2004 11:20	09/30 16:53	NA	NA	10/02 01:03	Yes SOIL
		Mg/Kg	Sodium - Total	6010	1.00	09/30/2004 11:20	09/30 16:53	NA	NA	10/02 01:03	Yes SOIL
Mg/Kg	Thallium - Total	6010	1.00	09/30/2004 11:20	09/30 16:53	NA	NA	10/02 01:03	Yes SOIL		
Mg/Kg	Vanadium - Total	6010	1.00	09/30/2004 11:20	09/30 16:53	NA	NA	10/02 01:03	Yes SOIL		
Mg/Kg	Zinc - Total	6010	1.00	09/30/2004 11:20	09/30 16:53	NA	NA	10/02 01:03	Yes SOIL		
Mg/Kg	Aluminum - Total	6010	1.00	09/30/2004 11:20	09/30 16:53	NA	NA	10/02 01:03	Yes SOIL		
Mg/Kg	Antimony - Total	6010	1.00	09/30/2004 11:20	09/30 16:53	NA	NA	10/02 01:07	Yes SOIL		
Mg/Kg	Arsenic - Total	6010	1.00	09/30/2004 11:20	09/30 16:53	NA	NA	10/02 01:07	Yes SOIL		
Mg/Kg	Barium - Total	6010	1.00	09/30/2004 11:20	09/30 16:53	NA	NA	10/02 01:07	Yes SOIL		
Mg/Kg	Beryllium - Total	6010	1.00	09/30/2004 11:20	09/30 16:53	NA	NA	10/02 01:07	Yes SOIL		

Date: 10/20/2004 10:44:51
Jobno: A04-9569

WATTS ENGINEERS
SAMPLE CHRONOLOGY

Rept: AN0369

Lab ID	Sample ID	Units	Analyte	Method	Dilution Factor	Sample Date	Receive Date	TCLP Date	THT	Analysis Date	AHT Matrix
A4956912	SS-9 DEEP	MG/KG	Cadmium - Total	6070	1.00	09/30/2004 11:20	09/30 16:53	NA	NA	10/02 01:07	Yes SOIL
		MG/KG	Calcium - Total	6070	10.00	09/30/2004 11:20	09/30 16:53	NA	NA	10/02 18:26	Yes SOIL
		MG/KG	Chromium - Total	6070	1.00	09/30/2004 11:20	09/30 16:53	NA	NA	10/02 01:07	Yes SOIL
		MG/KG	Cobalt - Total	6070	1.00	09/30/2004 11:20	09/30 16:53	NA	NA	10/02 01:07	Yes SOIL
		MG/KG	Copper - Total	6070	1.00	09/30/2004 11:20	09/30 16:53	NA	NA	10/02 01:07	Yes SOIL
		MG/KG	Iron - Total	6070	1.00	09/30/2004 11:20	09/30 16:53	NA	NA	10/02 01:07	Yes SOIL
		MG/KG	Lead - Total	6070	1.00	09/30/2004 11:20	09/30 16:53	NA	NA	10/02 01:07	Yes SOIL
		MG/KG	Magnesium - Total	6070	10.00	09/30/2004 11:20	09/30 16:53	NA	NA	10/02 18:26	Yes SOIL
		MG/KG	Manganese - Total	6070	1.00	09/30/2004 11:20	09/30 16:53	NA	NA	10/02 01:07	Yes SOIL
		MG/KG	Mercury - Total	7471	1.00	09/30/2004 11:20	09/30 16:53	NA	NA	10/04 12:57	Yes SOIL
		MG/KG	Nickel - Total	6070	1.00	09/30/2004 11:20	09/30 16:53	NA	NA	10/02 01:07	Yes SOIL
		MG/KG	Potassium - Total	6070	1.00	09/30/2004 11:20	09/30 16:53	NA	NA	10/02 01:07	Yes SOIL
		MG/KG	Selenium - Total	6070	1.00	09/30/2004 11:20	09/30 16:53	NA	NA	10/02 01:07	Yes SOIL
		MG/KG	Silver - Total	6070	1.00	09/30/2004 11:20	09/30 16:53	NA	NA	10/02 01:07	Yes SOIL
		MG/KG	Sodium - Total	6070	1.00	09/30/2004 11:20	09/30 16:53	NA	NA	10/02 01:07	Yes SOIL
		MG/KG	Thallium - Total	6070	1.00	09/30/2004 11:20	09/30 16:53	NA	NA	10/02 01:07	Yes SOIL
		MG/KG	Vanadium - Total	6070	1.00	09/30/2004 11:20	09/30 16:53	NA	NA	10/02 01:07	Yes SOIL
		MG/KG	Zinc - Total	6070	1.00	09/30/2004 11:20	09/30 16:53	NA	NA	10/02 01:07	Yes SOIL

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STL Buffalo

AHT = Analysis Holding Time Met
THT = TCLP Holding Time Met
NA = Not Applicable

Lab ID	Sample ID	Units	Analyte	Method	Dilution Factor	Sample Date	Receive Date	TCLP Date	THT	Analysis Date	AHT	Matrix
A4956901MS	SS-1	MG/KG	Aluminum - Total	6010	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/01 22:54	Yes	SOIL
		MG/KG	Antimony - Total	6010	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/01 22:54	Yes	SOIL
		MG/KG	Arsenic - Total	6010	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/01 22:54	Yes	SOIL
		MG/KG	Barium - Total	6010	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/01 22:54	Yes	SOIL
		MG/KG	Beryllium - Total	6010	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/01 22:54	Yes	SOIL
		MG/KG	Cadmium - Total	6010	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/01 22:54	Yes	SOIL
		MG/KG	Calcium - Total	6010	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/01 22:54	Yes	SOIL
		MG/KG	Chromium - Total	6010	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/01 22:54	Yes	SOIL
		MG/KG	Cobalt - Total	6010	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/01 22:54	Yes	SOIL
		MG/KG	Copper - Total	6010	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/01 22:54	Yes	SOIL
		MG/KG	Iron - Total	6010	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/01 22:54	Yes	SOIL
		MG/KG	Lead - Total	6010	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/01 22:54	Yes	SOIL
		MG/KG	Magnesium - Total	6010	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/01 22:54	Yes	SOIL
		MG/KG	Manganese - Total	6010	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/01 22:54	Yes	SOIL
		MG/KG	Mercury - Total	7471	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/01 22:54	Yes	SOIL
		MG/KG	Nickel - Total	6010	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/01 22:54	Yes	SOIL
		MG/KG	Potassium - Total	6010	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/01 22:54	Yes	SOIL
		MG/KG	Selenium - Total	6010	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/01 22:54	Yes	SOIL
		MG/KG	Silver - Total	6010	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/01 22:54	Yes	SOIL
		MG/KG	Sodium - Total	6010	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/01 22:54	Yes	SOIL
A4956901SD	SS-1	MG/KG	Thallium - Total	6010	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/01 22:54	Yes	SOIL
		MG/KG	Vanadium - Total	6010	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/01 22:54	Yes	SOIL
		MG/KG	Zinc - Total	6010	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/01 22:54	Yes	SOIL
		MG/KG	Aluminum - Total	6010	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/02 00:09	Yes	SOIL
		MG/KG	Antimony - Total	6010	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/02 00:09	Yes	SOIL
		MG/KG	Arsenic - Total	6010	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/02 00:09	Yes	SOIL
		MG/KG	Barium - Total	6010	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/02 00:09	Yes	SOIL
		MG/KG	Beryllium - Total	6010	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/02 00:09	Yes	SOIL
		MG/KG	Cadmium - Total	6010	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/02 00:09	Yes	SOIL
		MG/KG	Calcium - Total	6010	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/02 00:09	Yes	SOIL
		MG/KG	Chromium - Total	6010	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/02 00:09	Yes	SOIL
		MG/KG	Cobalt - Total	6010	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/02 00:09	Yes	SOIL
		MG/KG	Copper - Total	6010	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/02 00:09	Yes	SOIL
		MG/KG	Iron - Total	6010	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/02 00:09	Yes	SOIL
		MG/KG	Lead - Total	6010	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/02 00:09	Yes	SOIL
		MG/KG	Magnesium - Total	6010	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/02 00:09	Yes	SOIL
		MG/KG	Manganese - Total	6010	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/02 00:09	Yes	SOIL
		MG/KG	Mercury - Total	7471	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/04 12:31	Yes	SOIL
		MG/KG	Nickel - Total	6010	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/02 00:09	Yes	SOIL
		MG/KG	Potassium - Total	6010	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/02 00:09	Yes	SOIL
A481706702	MBLK	MG/KG	Selenium - Total	6010	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/02 00:09	Yes	SOIL
		MG/KG	Silver - Total	6010	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/02 00:09	Yes	SOIL
		MG/KG	Sodium - Total	6010	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/02 00:09	Yes	SOIL
		MG/KG	Thallium - Total	6010	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/02 00:09	Yes	SOIL
		MG/KG	Vanadium - Total	6010	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/02 00:09	Yes	SOIL
		MG/KG	Zinc - Total	6010	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/02 00:09	Yes	SOIL
		MG/KG	Mercury - Total	7471	1.00	-	- 16:53	NA	NA	10/04 13:29	Yes	SOIL
		MG/KG	Aluminum - Total	6010	1.00	-	- 16:53	NA	NA	10/01 20:25	Yes	SOIL
		MG/KG										
		MG/KG										

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Lab ID	Sample ID	Units	Analyte	Method	Dilution Factor	Sample Date	Receive Date	TCLP Date	THT	Analysis Date	AHT Matrix
A4B1702102	Method Blank	Mg/Kg	Antimony - Total	6010	1.00	-	- 16:53	NA	NA	10/01 20:25	Yes SOIL
		Mg/Kg	Arsenic - Total	6010	1.00	-	- 16:53	NA	NA	10/01 20:25	Yes SOIL
		Mg/Kg	Barium - Total	6010	1.00	-	- 16:53	NA	NA	10/01 20:25	Yes SOIL
		Mg/Kg	Beryllium - Total	6010	1.00	-	- 16:53	NA	NA	10/01 20:25	Yes SOIL
		Mg/Kg	Cadmium - Total	6010	1.00	-	- 16:53	NA	NA	10/01 20:25	Yes SOIL
		Mg/Kg	Calcium - Total	6010	1.00	-	- 16:53	NA	NA	10/01 20:25	Yes SOIL
		Mg/Kg	Chromium - Total	6010	1.00	-	- 16:53	NA	NA	10/01 20:25	Yes SOIL
		Mg/Kg	Cobalt - Total	6010	1.00	-	- 16:53	NA	NA	10/01 20:25	Yes SOIL
		Mg/Kg	Copper - Total	6010	1.00	-	- 16:53	NA	NA	10/01 20:25	Yes SOIL
		Mg/Kg	Iron - Total	6010	1.00	-	- 16:53	NA	NA	10/01 20:25	Yes SOIL
		Mg/Kg	Lead - Total	6010	1.00	-	- 16:53	NA	NA	10/01 20:25	Yes SOIL
		Mg/Kg	Magnesium - Total	6010	1.00	-	- 16:53	NA	NA	10/01 20:25	Yes SOIL
		Mg/Kg	Manganese - Total	6010	1.00	-	- 16:53	NA	NA	10/01 20:25	Yes SOIL
		Mg/Kg	Nickel - Total	6010	1.00	-	- 16:53	NA	NA	10/01 20:25	Yes SOIL
		Mg/Kg	Potassium - Total	6010	1.00	-	- 16:53	NA	NA	10/01 20:25	Yes SOIL
		Mg/Kg	Selenium - Total	6010	1.00	-	- 16:53	NA	NA	10/01 20:25	Yes SOIL
		Mg/Kg	Silver - Total	6010	1.00	-	- 16:53	NA	NA	10/01 20:25	Yes SOIL
		Mg/Kg	Sodium - Total	6010	1.00	-	- 16:53	NA	NA	10/01 20:25	Yes SOIL
		Mg/Kg	Thallium - Total	6010	1.00	-	- 16:53	NA	NA	10/01 20:25	Yes SOIL
		Mg/Kg	Vanadium - Total	6010	1.00	-	- 16:53	NA	NA	10/01 20:25	Yes SOIL
A4B1702202	Method Blank	Mg/Kg	Zinc - Total	6010	1.00	-	- 16:53	NA	NA	10/01 20:25	Yes SOIL
		Mg/Kg	Aluminum - Total	6010	1.00	-	- 16:53	NA	NA	10/01 22:36	Yes SOIL
		Mg/Kg	Antimony - Total	6010	1.00	-	- 16:53	NA	NA	10/01 22:36	Yes SOIL
		Mg/Kg	Arsenic - Total	6010	1.00	-	- 16:53	NA	NA	10/01 22:36	Yes SOIL
		Mg/Kg	Barium - Total	6010	1.00	-	- 16:53	NA	NA	10/01 22:36	Yes SOIL
		Mg/Kg	Beryllium - Total	6010	1.00	-	- 16:53	NA	NA	10/01 22:36	Yes SOIL
		Mg/Kg	Cadmium - Total	6010	1.00	-	- 16:53	NA	NA	10/01 22:36	Yes SOIL
		Mg/Kg	Calcium - Total	6010	1.00	-	- 16:53	NA	NA	10/01 22:36	Yes SOIL
		Mg/Kg	Chromium - Total	6010	1.00	-	- 16:53	NA	NA	10/01 22:36	Yes SOIL
		Mg/Kg	Cobalt - Total	6010	1.00	-	- 16:53	NA	NA	10/01 22:36	Yes SOIL
		Mg/Kg	Copper - Total	6010	1.00	-	- 16:53	NA	NA	10/01 22:36	Yes SOIL
		Mg/Kg	Iron - Total	6010	1.00	-	- 16:53	NA	NA	10/01 22:36	Yes SOIL
		Mg/Kg	Lead - Total	6010	1.00	-	- 16:53	NA	NA	10/01 22:36	Yes SOIL
		Mg/Kg	Magnesium - Total	6010	1.00	-	- 16:53	NA	NA	10/01 22:36	Yes SOIL
		Mg/Kg	Manganese - Total	6010	1.00	-	- 16:53	NA	NA	10/01 22:36	Yes SOIL
		Mg/Kg	Nickel - Total	6010	1.00	-	- 16:53	NA	NA	10/01 22:36	Yes SOIL
		Mg/Kg	Potassium - Total	6010	1.00	-	- 16:53	NA	NA	10/01 22:36	Yes SOIL
		Mg/Kg	Selenium - Total	6010	1.00	-	- 16:53	NA	NA	10/01 22:36	Yes SOIL
		Mg/Kg	Silver - Total	6010	1.00	-	- 16:53	NA	NA	10/01 22:36	Yes SOIL
		Mg/Kg	Sodium - Total	6010	1.00	-	- 16:53	NA	NA	10/01 22:36	Yes SOIL
A4B1706704 A4B1706706 A4B1706701 A4B1706703 A4B1706705	Method Blank Method Blank LCS LCS LCS	Mg/Kg	Thallium - Total	6010	1.00	-	- 16:53	NA	NA	10/01 22:36	Yes SOIL
		Mg/Kg	Vanadium - Total	6010	1.00	-	- 16:53	NA	NA	10/01 22:36	Yes SOIL
		Mg/Kg	Zinc - Total	6010	1.00	-	- 16:53	NA	NA	10/01 22:36	Yes SOIL
		Mg/Kg	Mercury - Total	6010	1.00	-	- 16:53	NA	NA	10/01 22:36	Yes SOIL
		Mg/Kg	Mercury - Total	7471	1.00	-	- 16:53	NA	NA	10/04 13:33	Yes SOIL
		Mg/Kg	Mercury - Total	7471	1.00	-	- 16:53	NA	NA	10/04 13:34	Yes SOIL
		Mg/Kg	Mercury - Total	7471	1.00	-	- 16:53	NA	NA	10/04 12:42	Yes SOIL
		Mg/Kg	Mercury - Total	7471	1.00	-	- 16:53	NA	NA	10/04 13:14	Yes SOIL
		Mg/Kg	Mercury - Total	7471	1.00	-	- 16:53	NA	NA	10/04 13:28	Yes SOIL

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Lab ID	Sample ID	Units	Analyte	Method	Dilution Factor	Sample Date	Receive Date	TCLP Date	THT	Analysis Date	AHT	Matrix
A4B1702101	LCS CLP Soils	Mg/Kg	Aluminum - Total	6010	1.00	-	- 16:53	NA	NA	10/01 20:30	Yes	SOIL
		Mg/Kg	Antimony - Total	6010	1.00	-	- 16:53	NA	NA	10/01 20:30	Yes	SOIL
		Mg/Kg	Arsenic - Total	6010	1.00	-	- 16:53	NA	NA	10/01 20:30	Yes	SOIL
		Mg/Kg	Barium - Total	6010	1.00	-	- 16:53	NA	NA	10/01 20:30	Yes	SOIL
		Mg/Kg	Beryllium - Total	6010	1.00	-	- 16:53	NA	NA	10/01 20:30	Yes	SOIL
		Mg/Kg	Cadmium - Total	6010	1.00	-	- 16:53	NA	NA	10/01 20:30	Yes	SOIL
		Mg/Kg	Calcium - Total	6010	1.00	-	- 16:53	NA	NA	10/01 20:30	Yes	SOIL
		Mg/Kg	Chromium - Total	6010	1.00	-	- 16:53	NA	NA	10/01 20:30	Yes	SOIL
		Mg/Kg	Cobalt - Total	6010	1.00	-	- 16:53	NA	NA	10/01 20:30	Yes	SOIL
		Mg/Kg	Copper - Total	6010	1.00	-	- 16:53	NA	NA	10/01 20:30	Yes	SOIL
		Mg/Kg	Iron - Total	6010	1.00	-	- 16:53	NA	NA	10/01 20:30	Yes	SOIL
		Mg/Kg	Lead - Total	6010	1.00	-	- 16:53	NA	NA	10/01 20:30	Yes	SOIL
		Mg/Kg	Magnesium - Total	6010	1.00	-	- 16:53	NA	NA	10/01 20:30	Yes	SOIL
		Mg/Kg	Manganese - Total	6010	1.00	-	- 16:53	NA	NA	10/01 20:30	Yes	SOIL
		Mg/Kg	Nickel - Total	6010	1.00	-	- 16:53	NA	NA	10/01 20:30	Yes	SOIL
		Mg/Kg	Potassium - Total	6010	1.00	-	- 16:53	NA	NA	10/01 20:30	Yes	SOIL
		Mg/Kg	Selenium - Total	6010	1.00	-	- 16:53	NA	NA	10/01 20:30	Yes	SOIL
		Mg/Kg	Silver - Total	6010	1.00	-	- 16:53	NA	NA	10/01 20:30	Yes	SOIL
		Mg/Kg	Sodium - Total	6010	1.00	-	- 16:53	NA	NA	10/01 20:30	Yes	SOIL
		Mg/Kg	Thallium - Total	6010	1.00	-	- 16:53	NA	NA	10/01 20:30	Yes	SOIL
A4B1702201	LCS CLP Soils	Mg/Kg	Vanadium - Total	6010	1.00	-	- 16:53	NA	NA	10/01 20:30	Yes	SOIL
		Mg/Kg	Zinc - Total	6010	1.00	-	- 16:53	NA	NA	10/01 20:30	Yes	SOIL
		Mg/Kg	Aluminum - Total	6010	1.00	-	- 16:53	NA	NA	10/01 20:30	Yes	SOIL
		Mg/Kg	Antimony - Total	6010	1.00	-	- 16:53	NA	NA	10/01 20:30	Yes	SOIL
		Mg/Kg	Arsenic - Total	6010	1.00	-	- 16:53	NA	NA	10/01 22:41	Yes	SOIL
		Mg/Kg	Barium - Total	6010	1.00	-	- 16:53	NA	NA	10/01 22:41	Yes	SOIL
		Mg/Kg	Beryllium - Total	6010	1.00	-	- 16:53	NA	NA	10/01 22:41	Yes	SOIL
		Mg/Kg	Cadmium - Total	6010	1.00	-	- 16:53	NA	NA	10/01 22:41	Yes	SOIL
		Mg/Kg	Calcium - Total	6010	1.00	-	- 16:53	NA	NA	10/01 22:41	Yes	SOIL
		Mg/Kg	Chromium - Total	6010	1.00	-	- 16:53	NA	NA	10/01 22:41	Yes	SOIL
		Mg/Kg	Cobalt - Total	6010	1.00	-	- 16:53	NA	NA	10/01 22:41	Yes	SOIL
		Mg/Kg	Copper - Total	6010	1.00	-	- 16:53	NA	NA	10/01 22:41	Yes	SOIL
		Mg/Kg	Iron - Total	6010	1.00	-	- 16:53	NA	NA	10/01 22:41	Yes	SOIL
		Mg/Kg	Lead - Total	6010	1.00	-	- 16:53	NA	NA	10/01 22:41	Yes	SOIL
		Mg/Kg	Magnesium - Total	6010	1.00	-	- 16:53	NA	NA	10/01 22:41	Yes	SOIL
		Mg/Kg	Manganese - Total	6010	1.00	-	- 16:53	NA	NA	10/01 22:41	Yes	SOIL
		Mg/Kg	Nickel - Total	6010	1.00	-	- 16:53	NA	NA	10/01 22:41	Yes	SOIL
		Mg/Kg	Potassium - Total	6010	1.00	-	- 16:53	NA	NA	10/01 22:41	Yes	SOIL
		Mg/Kg	Selenium - Total	6010	1.00	-	- 16:53	NA	NA	10/01 22:41	Yes	SOIL
		Mg/Kg	Silver - Total	6010	1.00	-	- 16:53	NA	NA	10/01 22:41	Yes	SOIL
		Mg/Kg	Sodium - Total	6010	1.00	-	- 16:53	NA	NA	10/01 22:41	Yes	SOIL
		Mg/Kg	Thallium - Total	6010	1.00	-	- 16:53	NA	NA	10/01 22:41	Yes	SOIL
		Mg/Kg	Vanadium - Total	6010	1.00	-	- 16:53	NA	NA	10/01 22:41	Yes	SOIL
		Mg/Kg	Zinc - Total	6010	1.00	-	- 16:53	NA	NA	10/01 22:41	Yes	SOIL

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Lab ID	Sample ID	Units	Analyte	Method	Dilution Factor	Sample Date	Receive Date	TCLP Date	THT	Analysis Date	AHT	Matrix
A4956901	SS-1	UG/G	Cyanide - Total	9012A	1.00	09/30/2004 09:10	09/30 16:53	NA	NA	10/02 09:53	Yes	SOIL
A4956913	SS-10	UG/G	Cyanide - Total	9012A	1.00	09/30/2004 13:00	09/30 16:53	NA	NA	10/02 09:53	Yes	SOIL
A4956914	SS-11	UG/G	Cyanide - Total	9012A	1.00	09/30/2004 13:10	09/30 16:53	NA	NA	10/02 09:53	Yes	SOIL
A4956915	SS-12	UG/G	Cyanide - Total	9012A	1.00	09/30/2004 13:20	09/30 16:53	NA	NA	10/02 09:53	Yes	SOIL
A4956916	SS-13	UG/G	Cyanide - Total	9012A	1.00	09/30/2004 13:35	09/30 16:53	NA	NA	10/02 09:53	Yes	SOIL
A4956917	SS-14	UG/G	Cyanide - Total	9012A	1.00	09/30/2004 13:50	09/30 16:53	NA	NA	10/02 09:53	Yes	SOIL
A4956918	SS-15	UG/G	Cyanide - Total	9012A	1.00	09/30/2004 14:00	09/30 16:53	NA	NA	10/02 09:53	Yes	SOIL
A4956919	SS-16	UG/G	Cyanide - Total	9012A	1.00	09/30/2004 14:40	09/30 16:53	NA	NA	10/02 09:53	Yes	SOIL
A4956920	SS-17	UG/G	Cyanide - Total	9012A	1.00	09/30/2004 14:30	09/30 16:53	NA	NA	10/02 09:53	Yes	SOIL
A4956921	SS-18	UG/G	Cyanide - Total	9012A	1.00	09/30/2004 14:20	09/30 16:53	NA	NA	10/02 09:53	Yes	SOIL
A4956922	SS-19	UG/G	Cyanide - Total	9012A	1.00	09/30/2004 14:10	09/30 16:53	NA	NA	10/02 09:53	Yes	SOIL
A4956902	SS-2	UG/G	Cyanide - Total	9012A	1.00	09/30/2004 09:30	09/30 16:53	NA	NA	10/02 09:53	Yes	SOIL
A4956903	SS-2 DEEP	UG/G	Cyanide - Total	9012A	1.00	09/30/2004 09:30	09/30 16:53	NA	NA	10/02 09:53	Yes	SOIL
A4956923	SS-20	UG/G	Cyanide - Total	9012A	1.00	09/30/2004 14:50	09/30 16:53	NA	NA	10/02 09:53	Yes	SOIL
A4956924	SS-20 DEEP	UG/G	Cyanide - Total	9012A	1.00	09/30/2004 14:50	09/30 16:53	NA	NA	10/02 09:53	Yes	SOIL
A4956925	SS-21	UG/G	Cyanide - Total	9012A	1.00	09/30/2004 15:05	09/30 16:53	NA	NA	10/02 09:53	Yes	SOIL
A4956926	SS-22	UG/G	Cyanide - Total	9012A	1.00	09/30/2004 15:15	09/30 16:53	NA	NA	10/02 09:53	Yes	SOIL
A4956927	SS-23	UG/G	Cyanide - Total	9012A	1.00	09/30/2004 15:30	09/30 16:53	NA	NA	10/02 09:53	Yes	SOIL
A4956928	SS-24	UG/G	Cyanide - Total	9012A	1.00	09/30/2004 15:35	09/30 16:53	NA	NA	10/02 09:53	Yes	SOIL
A4956929	SS-25	UG/G	Cyanide - Total	9012A	1.00	09/30/2004 15:40	09/30 16:53	NA	NA	10/02 09:53	Yes	SOIL
A4956930	SS-26 DEEP	UG/G	Cyanide - Total	9012A	1.00	09/30/2004 15:45	09/30 16:53	NA	NA	10/02 09:53	Yes	SOIL
A4956904	SS-3	UG/G	Cyanide - Total	9012A	1.00	09/30/2004 10:05	09/30 16:53	NA	NA	10/02 09:53	Yes	SOIL
A4956905	SS-4	UG/G	Cyanide - Total	9012A	1.00	09/30/2004 10:55	09/30 16:53	NA	NA	10/02 09:53	Yes	SOIL
A4956906	SS-4 DEEP	UG/G	Cyanide - Total	9012A	1.00	09/30/2004 10:55	09/30 16:53	NA	NA	10/02 09:53	Yes	SOIL
A4956907	SS-5	UG/G	Cyanide - Total	9012A	1.00	09/30/2004 10:55	09/30 16:53	NA	NA	10/02 09:53	Yes	SOIL
A4956908	SS-6	UG/G	Cyanide - Total	9012A	1.00	09/30/2004 10:35	09/30 16:53	NA	NA	10/02 09:53	Yes	SOIL
A4956909	SS-7	UG/G	Cyanide - Total	9012A	1.00	09/30/2004 10:25	09/30 16:53	NA	NA	10/02 09:53	Yes	SOIL
A4956910	SS-8	UG/G	Cyanide - Total	9012A	1.00	09/30/2004 11:10	09/30 16:53	NA	NA	10/02 09:53	Yes	SOIL
A4956911	SS-9	UG/G	Cyanide - Total	9012A	1.00	09/30/2004 11:20	09/30 16:53	NA	NA	10/02 09:53	Yes	SOIL
A4956912	SS-9 DEEP	UG/G	Cyanide - Total	9012A	1.00	09/30/2004 11:20	09/30 16:53	NA	NA	10/02 09:53	Yes	SOIL

Lab ID	Sample ID	Units	Analyte	Method	Dilution Factor	Sample Date	Receive Date	TCLP Date	THT	Analysis Date	AHT Matrix
A4956919HS	SS-16	ug/g	Cyanide - Total	9012A	1.00	09/30/2004 14:40	09/30 16:53	NA	NA	10/02 09:53	Yes SOIL
A4B1707704	Method Blank	ug/g	Cyanide - Total	9012A	1.00	-	- 16:53	NA	NA	10/02 09:53	Yes SOIL
A4B1707703	LCS	ug/g	Cyanide - Total	9012A	1.00	-	- 16:53	NA	NA	10/02 09:53	Yes SOIL

Chain of Custody

Chain of Custody Record

Severn Trent Laboratories, Inc.

Client						Project Manager		Date		Chain of Custody Number								
Watts Engineers 3826 Main Street Buffalo NY 14226						Andrew Kismek Telephone Number (Area Code)/Fax Number (716) 836-1540 (716) 836-2402		9/30/04		139040								
City Buffalo State NY Zip Code 14226						Site Contact Wierky Grady Lab Contact Jeff Yehle				Page 1 of 2								
Project Name and Location (State) Gallagher Beach Contract/Purchase Order/Quote No. AR 44830 GEPZ						Matrix		Containers & Preservatives		Analysis (Attach list if more space is needed)								
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	
SS-1		9/30/04	0930		X							X						
SS-2			0930		X							X						
SS-2 DEEP			0930		X							X						
SS-3			1005		X							X						
SS-4			1055		X							X						
SS-4 DEEP			1055		X							X						
SS-5			1045		X							X						
SS-6			1035		X							X						
SS-7			1025		X							X						
SS-8			1110		X							X						
SS-9			1120		X							X						
SS-9 DEEP			1120		X							X						
SS-10			1300		X							X						

Special Instructions/
Conditions of Receipt

Possible Hazard Identification	Severity	Frequency	Control Measures
1. <u>Slip, Trip and Fall</u>	High	High	1. Use proper walking technique 2. Wear slip-resistant shoes 3. Keep walkways clear of obstacles 4. Report spills immediately
2. <u>Struck by Moving Equipment</u>	High	Medium	1. Establish exclusion zones 2. Use proper signaling 3. Maintain safe distances 4. Never reach into equipment
3. <u>Electrocution</u>	High	Low	1. Lockout/Tagout procedures 2. Use insulated tools 3. Avoid overhead power lines 4. Proper grounding
4. <u>Confined Space Entry</u>	High	Low	1. Permits required 2. Atmospheric testing 3. Ventilation 4. Rescue plan
5. <u>Heavy Lifting</u>	Medium	High	1. Use proper lifting technique 2. Use mechanical aids 3. Team lifting 4. Avoid twisting
6. <u>Chemical Exposure</u>	High	Low	1. PPE (goggles, gloves) 2. MSDS review 3. Proper storage 4. Spill response
7. <u>Fire and Explosion</u>	High	Low	1. Hot work permits 2. Fire extinguishers 3. No open flames 4. Flammable storage
8. <u>Vehicle Accidents</u>	High	Medium	1. Defensive driving 2. Seat belt use 3. No cell phone use 4. Proper loading
9. <u>Weather-Related</u>	Medium	Low	1. Weather forecasts 2. Evacuation routes 3. Shelter in place 4. Emergency kits
10. <u>Biological Hazards</u>	High	Low	1. PPE (gloves, mask) 2. Decontamination 3. Waste disposal 4. Vaccinations

☐ **பயிற்சி** ☐ **பாடகர்/பாடகி**

☐ Non-Hazard ☐ Flammable

neighborhood and the

☐ 24 Hours	☐ 48 Hours
-----------------------------------	-----------------------------------

1. Relinquished By

3

2. Relinquished By:

10

3. Relinquished By

.....

Comments

Summary

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	52
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DISTRIBUTION: WHITE - Rare

Chain of
Custody Record

STL-4124 (0901)		Project Manager Andrew Klinek		Date 9/30/04		Chain of Custody Number 139041	
Client Watts Engineers		Telephone Number (Area Code)/Fax Number (716) 836-2320		Lab Number STL-8A		Page 2 of 2	
Address 3826 Main St.		Site Contact Jerry Grady		Lab Contact Jeff Yoke		Analysis (Attach list if more space is needed)	
City Buffalo		State NY		Zip Code 14226		Special Instructions/ Conditions of Receipt	
Project Name and Location (State) Gallagher Beach		Carrier/Waybill Number hand deliver		Matrix		Containers & Preservatives	
Contract/Purchase Order/Quote No. AC44830		GRP2		Date 9/30/04		Time 13:10	
Sample I.D. No. and Description (Containers for each sample may be combined on one line)		Date		Time		Matrix	
SS-11		9/30/04		13:10		X	
SS-12		13:20		13:35		X	
SS-13		13:50		14:00		X	
SS-14		14:10		14:20		X	
SS-15		14:30		14:40		X	
SS-16		14:50		15:00		X	
SS-17		15:10		15:20		X	
SS-18		15:30		15:40		X	
SS-19		15:50		16:00		X	
SS-20		16:10		16:20		X	
SS-21		16:30		16:40		X	
SS-22		16:50		17:00		X	
SS-23		17:10		17:20		X	
SS-24		17:30		17:40		X	
SS-25		17:50		18:00		X	
SS-26 Deep		18:10		18:20		X	
SS-27		18:30		18:40		X	
SS-28		18:50		19:00		X	
SS-29		19:10		19:20		X	
SS-30		19:30		19:40		X	
SS-31		19:50		20:00		X	
SS-32		20:10		20:20		X	
SS-33		20:30		20:40		X	
SS-34		20:50		21:00		X	
SS-35		21:10		21:20		X	
SS-36		21:30		21:40		X	
SS-37		21:50		22:00		X	
SS-38		22:10		22:20		X	
SS-39		22:30		22:40		X	
SS-40		22:50		23:00		X	
SS-41		23:10		23:20		X	
SS-42		23:30		23:40		X	
SS-43		23:50		00:00		X	
SS-44		00:10		00:20		X	
SS-45		00:30		00:40		X	
SS-46		00:50		01:00		X	
SS-47		01:10		01:20		X	
SS-48		01:30		01:40		X	
SS-49		01:50		02:00		X	
SS-50		02:10		02:20		X	
SS-51		02:30		02:40		X	
SS-52		02:50		03:00		X	
SS-53		03:10		03:20		X	
SS-54		03:30		03:40		X	
SS-55		03:50		04:00		X	
SS-56		04:10		04:20		X	
SS-57		04:30		04:40		X	
SS-58		04:50		05:00		X	
SS-59		05:10		05:20		X	
SS-60		05:30		05:40		X	
SS-61		05:50		06:00		X	
SS-62		06:10		06:20		X	
SS-63		06:30		06:40		X	
SS-64		06:50		07:00		X	
SS-65		07:10		07:20		X	
SS-66		07:30		07:40		X	
SS-67		07:50		08:00		X	
SS-68		08:10		08:20		X	
SS-69		08:30		08:40		X	
SS-70		08:50		09:00		X	
SS-71		09:10		09:20		X	
SS-72		09:30		09:40		X	
SS-73		09:50		10:00		X	
SS-74		10:10		10:20		X	
SS-75		10:30		10:40		X	
SS-76		10:50		11:00		X	
SS-77		11:10		11:20		X	
SS-78		11:30		11:40		X	
SS-79		11:50		12:00		X	
SS-80		12:10		12:20		X	
SS-81		12:30		12:40		X	
SS-82		12:50		13:00		X	
SS-83		13:10		13:20		X	
SS-84		13:30		13:40		X	
SS-85		13:50		14:00		X	
SS-86		14:10		14:20		X	
SS-87		14:30		14:40		X	
SS-88		14:50		15:00		X	
SS-89		15:10		15:20		X	
SS-90		15:30		15:40		X	
SS-91		15:50		16:00		X	
SS-92		16:10		16:20		X	
SS-93		16:30		16:40		X	
SS-94		16:50		17:00		X	
SS-95		17:10		17:20		X	
SS-96		17:30		17:40		X	
SS-97		17:50		18:00		X	
SS-98		18:10		18:20		X	
SS-99		18:30		18:40		X	
SS-100		18:50		19:00		X	
SS-101		19:10		19:20		X	
SS-102		19:30		19:40		X	
SS-103		19:50		20:00		X	
SS-104		20:10		20:20		X	
SS-105		20:30		20:40		X	
SS-106		20:50		21:00		X	
SS-107		21:10		21:20		X	
SS-108		21:30		21:40		X	
SS-109		21:50		22:00		X	
SS-110		22:10		22:20		X	
SS-111		22:30		22:40		X	
SS-112		22:50		23:00		X	
SS-113		23:10		23:20		X	
SS-114		23:30		23:40		X	
SS-115		23:50		00:00		X	
SS-116		00:10		00:20		X	
SS-117		00:30		00:40		X	
SS-118		00:50		01:00		X	
SS-119		01:10		01:20		X	
SS-120		01:30		01:40		X	
SS-121		01:50		02:00		X	
SS-122		02:10		02:20		X	
SS-123		02:30		02:40		X	
SS-124		02:50		03:00		X	
SS-125		03:10		03:20		X	
SS-126		03:30		03:40		X	
SS-127		03:50		04:00		X	
SS-128		04:10		04:20		X	
SS-129		04:30		04:40		X	
SS-130		04:50		05:00		X	
SS-131		05:10		05:20		X	
SS-132		05:30		05:40		X	
SS-133		05:50		06:00		X	
SS-134		06:10		06:20		X	
SS-135		06:30		06:40		X	
SS-136		06:50		07:00		X	
SS-137		07:10		07:20		X	
SS-138		07:30		07:40		X	
SS-139		07:50		08:00		X	
SS-140		08:10		08:20		X	
SS-141		08:30		08:40		X	
SS-142		08:50		09:00		X	
SS-143		09:10		09:20		X	
SS-144		09:30		09:40		X	
SS-145		09:50		10:00		X	
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SS-161		15:10		15:20		X	
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SS-163		15:50		16:00		X	
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SS-169		17:50		18:00		X	
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SS-207		06:30		06:40		X	
SS-208		06:50		07:00		X	