

PHASE II ENVIRONMENTAL SITE ASSESSMENT CURTIS SCREW COMPANY, INC. 1130 NIAGARA STREET BUFFALO, NEW YORK

PREPARED FOR:

Curtis Screw Company, Inc. Buffalo, New York

PREPARED BY:

GZA GeoEnvironmental of New York Buffalo, New York

December 2004 File No. 21.0056018.00

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Engineers and Scientists

December 22, 2004 File No. 21.0056018.00

Mr. Stan Kaznowski Curtis Screw Company, Inc. 1130 Niagara Street Buffalo, NY

Re:

Phase II Environmental Site Assessment

Curtis Screw Company Inc.

1130 Niagara Street Buffalo, New York

364 Nagel Drive Buffalo New York 14225 716-685-2300 FAX 716-685-3629 www.gza.net

Dear Mr. Kaznowski:

GZA GeoEnvironmental of New York (GZA) is pleased to submit this report summarizing the results of our Phase II Environmental Site Assessment at the above referenced site. We trust this report satisfies your present needs. Should you have any questions or require additional information following your review, please do not hesitate to contact the undersigned.

Sincerely,

GZA GEOENVIRONMENTAL OF NEW YORK

Christopher Boron

Project Manager

Ernest R. Hanna, P.E.

Principal

Daniel Troy, P.F. Project Manager

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1.00 INTRODUCTION

In accordance with our December 9, 2004 proposal, GZA GeoEnvironmental of New York (GZA) performed a Phase II Environmental Site Assessment (ESA) at the Curtis Screw Company (Curtis Screw) facility located at 1130 Niagara Street, in Buffalo, New York (Site). A Locus Plan and Site Plan are attached as Figure 1 and Figure 2, respectively.

GZA completed a Phase I Environmental Site Assessment (ESA) report dated November 2004¹ that identified the following Site concerns.

- The Site has been used for various industrial and commercial operations since the late 1880s. Regulatory records confirm the use and generation of hazardous waste, as well as on-Site storage and usage of solvents (1,1,1-trichloroethane). Historic usage, storage and disposal practices are not known. Potential releases may have impacted the Site soil and/or groundwater.
- One 6,000-gallon lubricating oil underground storage tank (UST) and two 10,000-gallon fuel oil USTs were removed from the loading dock area of Parcel 2 in July 1995. Analytical results revealed that contamination existed that exceeded regulatory guidelines within the 6,000-gallon tank excavation. However, no further action was required by the regulatory agency. Since additional work was not required by the regulatory agency, this would be considered a historic recognized environmental concern. However, residual contamination from the tank may currently be present at concentrations that exceed current regulatory guidelines.
- Three pad-mounted transformers were observed on-Site. Mr. Schwarz indicated that
 oils containing polychlorinated biphenyls (PCBs) were historically used in the padmounted transformers. Historic usage, storage and disposal practices are not known.
 Potential releases may have impacted the Site soil and/or groundwater.
- Significant oil staining was observed on the floor and machines within the on-Site buildings. The floor appeared to be in good condition. However, former floor drains were located in the stained areas. Potential release via old floor drains, control joints, and near walls may have impacted the Site soil and/or groundwater.

1.10 SITE LAYOUT INFORMATION

The Site consists of three parcels that are owned by Curtis Screw Company, Inc., for use as a manufacturing facility of metal fasteners (i.e., screws, bolts, small auto parts, etc.).

Parcel 1 – 1130 Niagara Street is occupied by one building containing an approximate 6,500 square foot (ft^2) office area and an approximate 41,000 ft^2 manufacturing warehouse.

¹ Phase I Environmental Site Assessment, Curtis Screw Co. Inc., 1130 Niagara Street, Buffalo, New York, REARU#: 8026.1, dated November 2004, for HSBC Bank USA. GZA Project File 21.0055982.00

Parcel 2 – 17 Gull Street consists of a two to three-story building containing an approximate $12,500 \, \text{ft}^2$ lower level (basement) tool room; a ground level assembly area; approximate $3,800 \, \text{ft}^2$ first-floor grinding area; a second-floor maintenance area; and a third-floor inspection/parts storage area. In addition, an approximate $8,000 \, \text{ft}^2$ paved loading dock area occupies the area east of the building.



<u>Parcel 3</u> – 103 West Ferry (currently identified as Robert Rich Way) is occupied by an approximate $38,000 \text{ ft}^2$ parking lot and an approximate $1,500 \text{ ft}^2$ stand-alone masonry storage building located in the southwest corner.

2.00 PURPOSE AND SCOPE OF WORK

The following activities were done by GZA as part of the Phase II ESA to assess if the historical Site usage of solvents (i.e., 1,1,1-trichloroethane), historical usage of PCBs in pad mounted transformers and oil staining proximate to floor drains and control joints within the building may have resulted in environmental impacts at the Site.

- Observed the completion of seven (7) exterior and 14 interior soil probes done by GZA's subcontractor, SLC Environmental Services, Inc. (SLC).
- Collected soil samples continuously during soil probe activity from ground surface to probe depths ranging from about 4 to 20 feet below ground surface (bgs).
- Collected surface fill soil samples from three (3) exterior locations from depths ranging from about 6-inches to 22- inches bgs.
- Collected soil/sediment from a sump located on the first floor of the Site building.
- Field screened the headspace of the soil samples collected, using an organic vapor meter (OVM) equipped with a photoionization detector (PID).
- Collected water samples from two sumps located within the building and one groundwater sample from a temporary microwell installed in a exterior soil probe location.
- Selected 14 soil samples and three water/groundwater samples for chemical analysis, which included volatile organic compounds (VOCs) via EPA Method 8260 total compound list (TCL), semi-volatile organic compounds (SVOCs) via EPA Method 8270 base-neutral compounds (BN), polychlorinated biphenyls (PCBs) via EPA Method 8082, and Resource Conservation and Recovery Act (RCRA) 8 Metals via EPA Method 6010/7470.
- Prepared this report, which summarizes the data collected during this Phase II ESA.

This report presents GZA's field activities, observations, results, and opinions. This report is subject to the limitations presented in Appendix A and modifications if GZA or another party develops subsequent information.

3.00 FIELD STUDIES

This section describes the field studies done as part of GZA's investigation. Field studies were done on December 11, 2004.

3.10 PROBE INSTALLATIONS



GZA's subcontractor, SLC, completed seven (7) exterior and 14 interior soil probes as part of this Phase II ESA. Exterior soil probes, identified as SP-1 through SP-7, and interior probe SP-21 were done by SLC using a truck mounted Simco Earthprobe 200. Interior soil probes SP-8 through SP-20 were done using a Geoprobe 54LT track mounted rig. The approximate locations of the soil probes are shown on Figure 2.

Both rigs were equipped with a pneumatic hammer which utilized direct push sampling. Probes were advanced using 2-inch diameter, 48-inch long macrocore samplers that were driven continuously at 48-inch intervals. A dedicated acetate sampler liner was used between each sampling interval. Representative portions of the recovered soils were placed in clean glass drillers jars for further classification and headspace analysis. The open soil probe holes were backfilled with the soil spoils. Probes completed at exterior locations were topped with an asphalt patch. Probe locations completed at interior locations required concrete coring prior to soil sampling. These interior probes were topped with a concrete patch upon completion.

GZA prepared soil probe logs summarizing the general subsurface conditions that were observed and encountered at each probe location. These logs are based on visual observations of the recovered soils and include a summary description of the soils using color and composition. Probe logs are presented in Appendix B.

3.20 SURFACE FILL SOIL SAMPLING

GZA collected surface fill soil samples from three (3) locations at the Site from depths ranging from approximately 6-inches to 22-inches bgs. The locations are identified as HA-1 through HA-3. Samples collected from HA-1 and HA-2 were collected with a hand shovel from approximately 6 to 12-inches bgs along the western portion of the Site. HA-1 was done outside a large overhead garage door along the western wall of the building on Parcel 1. HA-2 was done in the western portion of the alley between the buildings of Parcel 1 and Parcel 2. HA-3 was done using a stainless steel hand barrel auger from inside the fenced area housing the three (3) pad mounted transformers on Parcel 2. The sample collected from HA-3 was from approximately 18 to 22-inches bgs. Fill materials at the three (3) locations generally consisted of sand and gravel (granular material).

3.30 HEADSPACE SCREENING PROCEDURE

The headspace in the sample jars above the soil samples collected from soil probes and surface fill soil samples was screened for organic vapor compounds using an OVM outfitted with a PID and a 10.2 eV ultraviolet lamp. The OVM, an HNu Systems, Inc.,



Model No. PI-101, was calibrated in accordance with manufacturer's recommendations using a gas standard of isobutlyene at an equivalent concentration of 58 parts per million (ppm) as benzene in air. Ambient air at the Site was used to establish background organic vapor concentrations. OVM readings from the headspace screening of the soil probe samples ranged from non detect (multiple locations) to 50 ppm (SP-4). Headspace results were recorded on the soil probe logs included in Appendix B. OVM readings from the headspace of the surface fill soil samples were non-detect.

3.40 SUMP SAMPLING

GZA collected water samples from two sumps (Sump-1 and Sump-2) located in the basement of the building on Parcel 1 and sediment from Sump-3 located on the main floor of the Parcel 1 building (see Figure 2).

Sump -1 was approximately 2 foot in diameter and 2 feet deep. It contained about 1-foot of water and appeared to have a solid bottom. Minimum sediment was observed in Sump-1. A pump, with float valve to regulate the water level within the sump, was observed. It is unknown were the water from Sump-1 is pumped to.

Sump-2 had dimensions of approximately 3 feet by 2 feet and was about 3 feet deep. It contained about 1-foot of water and appeared to have a solid bottom. Approximately 9-inches of black sediment was observed in the bottom of the sump. A pump, with float valve to regulate the water level within the sump, was observed. Water from Sump-2 is pumped to the municipal sewer system according to information provided in the Phase I ESA.

Sump-3 was not identified during our Phase I ESA due to the amount of equipment and clutter within the area of the sump. Sump -3 was approximately 1 foot in diameter, 3 feet deep, and filled with approximately 3 feet of sediment with 1-inch of oil on top. It appeared to have a solid bottom based on sounding with an acetate macrocore liner. It is unknown what the purpose of the sump is or where it discharges to.

4.00 ANALYTICAL LABORATORY TESTING

Thirteen (13) subsurface soil samples, one sump sediment sample, two sump water samples and one groundwater sample were selected and submitted for analytical testing. The selected samples were packed in an ice filled cooler and sent to the Upstate Laboratory in Syracuse, New York following typical chain-of-custody procedures. Table 1 summaries the samples collected and the analysis completed.

5.00 SUBSURFACE CONDITIONS

5.10 SOILS

Twenty-one soil probes were done at the Site. The following list identifies the rationale for the soil probes done.



G. '1 D1.	Location
Soil Probe	
SP-1, -2, -3	General Site coverage of parking lot on
,	Parcel 3.
SP-4	Former location of two, 10,000-gallon fuel
	oil USTs on Parcel 2.
SP-5, -6	Former location of 6,000-gallon lubricating
, , , , , , , , , , , , , , , , , , ,	oil UST on Parcel 2.
SP-5, -10	Vicinity of former 1,1,1-trichloroethane
52 5, 20	AST located inside of the building on Parcel
	2.
SP-7, -21	General Site coverage of storage and former
51-7,-21	automated machine area in northern portion
	of the building on Parcel 1.
SP-8, -9	Basement of the building on Parcel 2.
SP-11, -12, -13	Location of the automated machine area in
	building on Parcel 1.
SP-14	Location of raw material storage in building
	on Parcel 1.
SP-15	Location of chip spinning area and floor
	trench drain filled with oil in building on
	Parcel 1.
SP-16, -17, 18, -19	Location of sealed floor drain system
51-10, -17, 10, -19	running north-south within the northern
	1
	portion of the building of Parcel 1.
SP-20	Location of sump (Sump-3) filled with oil
	and sediment in building on Parcel 1.

Generally, subsurface conditions consisted of a mix of granular non-cohesive and fine grained cohesive soils overlying native soils consisting of cohesive silt and clay with lesser and varying amounts of sand and gravel.

The following are further descriptions of subsurface soil conditions based on the location within the Site which the soil probes were completed.

<u>Parcel 3</u> – Subsurface soil conditions at soil probes SP-1, -2 and -3 done in the parking lot of Parcel 3 generally consisted of a mix of granular non-cohesive and cohesive fill material overlying cohesive native soils. Fill depths ranged from 2 feet bgs (SP-2) to 4.5 feet bgs (SP-1 and -3). Native soil consisted of silt and clay with lesser and varying amounts of

sand and gravel. Probes SP-1 and SP-2 were done to depth of 20 and 16 feet bgs, respectively. Refusal was encountered at SP-3 at approximately 13 feet bgs.

Exterior of Parcel 2 - Subsurface soil conditions at soil probes SP-4, -5 and -6 done in the loading dock and former USTs area of Parcel 3 generally consisted of a mix of granular non-cohesive and cohesive fill material overlying cohesive native soils. Fill depths ranged from 3 feet bgs (SP-6) to 4.5 feet bgs (SP-4 and -5). Native soil generally consisted of silt and clay with lesser and varying amounts of sand and gravel. A sand layer was encountered at SP-5 from approximately 8 to 12 feet bgs. Refusal was encountered at the three (3) locations ranging from approximately 11 feet (SP-6) to 13 feet bgs (SP-4).

<u>Interior Basement of Building of Parcel 2</u> — Soil probes SP-8 and —9 were done in the basement of the building of Parcel 2. Subsurface soil consisted of non-cohesive, potentially foundry sand, fill material overlying cohesive native soils. SP-9 consisted of cohesive fill material of silty clay overlying cohesive native soils. Fill depths ranged from 2 feet bgs (SP-8) to 2.5 feet bgs (SP-9). Refusal was encountered at depths ranging from approximately 5 feet (SP-9) to 7 feet bgs (SP-8). Due to these probes being done in the basement of the building, the top of the probes are likely 10 to 15 feet lower than the other probes done at the Site.

Interior First Floor of Building of Parcel 2 – One soil probe, SP-10, was done on the main floor of this building. SP-10 was done in the loading dock area and location of the former 1,1,1-trichloroethane storage tank. A basement underlies the remainder of this building. SP-10 consisted of cohesive fill material of silt and clay overlying cohesive native soils. The fill depth was approximately 8 feet bgs. The loading dock floor was approximately 6 to 7 feet higher than the ground surface of the exterior portion of the loading dock. Refusal was encountered at approximately 11 feet bgs.

Interior of Building of Parcel 1 – Twelve (12) soil probes, SP-7 and SP-11 to SP-21, were done on the main floor of this building. Subsurface soil consisted of a mix of non-cohesive (sand and gravel) and cohesive fill material (silts and clay) overlying cohesive native soils. Fill depths ranged from approximately 1.5 feet bgs (SP-7 and SP-12) to 7 feet bgs (SP-16). Refusal was encountered at the twelve (12) locations ranging in depth from approximately 4.5 feet bgs (SP-18) to 15.5 feet bgs (SP-13).

5.20 GROUNDWATER

Perched groundwater was encountered at one soil probe location, SP-4, which was completed in the vicinity of the two former 10,000-gallon USTs in Parcel 2. The soil probe was approximately 5 feet west of the exterior building wall. A temporary 1-inch diameter PVC microwell was installed to collect a groundwater sample. The depth to perched groundwater was approximately 8 feet bgs. The temporary microwell was removed and the hole backfilled after the groundwater sample was collected.

Groundwater was not encountered at the other soil probe location in suitable quantity that it could be measured or collected for sampling.

6.00 ANALYTICAL TEST RESULTS



Findings of the laboratory testing of soil and groundwater samples analyzed are presented below. The analytical laboratory report is provided in Appendix C.

The analytical test results for the surface and subsurface soil samples were compared to:

• NYSDEC² Recommended Soil Cleanup Objectives (RSCOs) presented in NYSDEC, Technical and Administrative Guidance Memorandum (TAGM) HWR-94-4046: Determination of Soil Cleanup Objectives and Cleanup Levels.

The analytical test results for the groundwater sample was compared to:

 NYSDEC Class GA criteria obtained from NYSDEC's Division of Water, Technical and Operational Guidance Series (TOGS 1.1.1), June 1998, amended April 2000.

The Class GA criteria were not applied to the water samples collected from Sump-1 and Sump-2 because these locations are not considered potable water supply.

6.10 SOIL

Headspace screening results of soil samples collected were used to identify potential areas of concern; therefore, soil samples sent for VOC and SVOC analysis where selected based on the higher of the headspace results observed. Visual and olfactory evidence were also used during the investigation, along with proximity to potential environmental concerns identified in the Phase I ESA to select analytical samples.

<u>Volatile Organic Compounds (VOCs):</u> VOCs were detected at concentrations above method detection limits in nine of the twelve soil samples sent for laboratory analysis (see Table 2). Four compounds were identified in those nine samples at concentrations, which exceeded their respective TAGM 4046 RSCO. The compounds; cis-1,2-dichloroethene (cis-1,2-DCE), 1,1,1-trichloroethane (1,1,1-TCA), trichloroethene (TCE) and vinyl chloride (VC), were identified in soil samples from, SP-4, -12, -16, -17 and Sump-3.

- o VC was identified in SP-4, 8 to 10 feet bgs above TAGM 4046 RSCO. Cis-1,2-dichloroethene (cis-1,2-DCE) was also detected, however, there is no RSCO.
- o TCE was detected above its TAGM 4046 RSCO at SP-12, 0 to 2 feet bgs; SP-16, 4 to 7.3 feet bgs; and SP-17, 0 to 2 feet bgs.

² New York State Department of Environmental Conservation.

- o 1,1,1-TCA was also detected above its RSCO in SP-17, 0 to 2 feet bgs.
- o TCE and cis-1,2-DCE were detected in Sump-3. Sump-3 is not subject to TAGM 4046 because it is a sump and sediment within the sump (e.g., floor cleaning, dust, dirt, metal shavings) are from indoor activities.



<u>Semi-Volatile Organic Compounds (SVOCs)</u>: SVOCs were detected at concentrations above method detection limits in three of the twelve soil samples sent for laboratory analysis (see Table 2). Eleven compounds were identified in those three samples. The compounds detected are those typically found in gasoline, fuel oils, diesel fuel or motor oil. Five compounds detected exceeded their respective TAGM 4046 RSCO. Four compounds were identified in sample SP-1, 2 to 4 feet bgs and the five compounds were detected in SP-4, 8 to 10 feet bgs.

<u>Polychlorinated biphenyls (PCBs)</u>: No PCBs were detected above method detection limits in the two soil samples sent for chemical analysis.

Metals: Two soil samples; SP-8, 0 to 4 feet bgs and Sump-3 were sent for metals analysis.

- o SP-8, 0 to 4 feet bgs had seven elements detected above method detection limits. Five of the seven elements, barium, cadmium, chromium, selenium and mercury were detected above their respective TAGM 4046 RSCOs.
- Sump-3 had five elements detected above method detection limits.

It should be noted that the laboratory indicated that there was matrix interference in certain soil samples, which required the reporting limits to be increased in order to determine method compound list detections. According to the laboratory, this interference could be due to the presence of lubricating or cutting oil. The analysis performed by GZA does not qualify or quantify compounds within the zone of potential interference (i.e., high molecular weight). GZA has requested that the laboratory run three samples, SP-2, 14 to 16 feet bgs, SP-8, 0 to 4 feet bgs and SP-17, 0 to 2 feet bgs via Method 310-13 for total petroleum hydrocarbons to attempt to determine what the interfering matrix is. This testing is being conducted using the laboratory standard turnaround time of 10 days.

The following VOC samples had matrix interference.

- SP-1, 2 to 4 feet bgs
- SP-2, 14 to 16 feet bgs

The following SVOC samples had matrix interference.

- SP-4, 8 to 10 feet bgs
- SP-8, 0 to 4 feet bgs
- SP-11, 0 to 2 feet bgs
- SP-16, 4 to 7.3 feet bgs

- SP-17, 0 to 2 feet bgs
- Sump-3

6.20 WATER/GROUNDWATER



<u>Volatile Organic Compounds (VOCs)</u>: VOCs, chloromethane, cis-1,2-dichloroethene and TCE were detected at concentrations above method detection limits and NYSDEC Class GA groundwater standards in the groundwater water sample from SP-4.

No VOCs were detected at concentrations above method detection limits in water samples collected from Sump-1 and Sump-2.

<u>Semi-Volatile Organic Compounds (SVOCs)</u>: Six SVOCs compounds were detected at concentrations above method detection limits in the groundwater sample collected from SP-4. Two compounds benzo(b)fluoranthene and benzo(a)perylene were detected above their respective Class GA groundwater standards.

No SVOCs were detected at concentrations above method detection limits in water samples collected from Sump-1 and Sump-2.

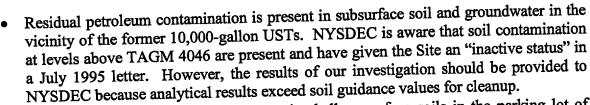
<u>Polychlorinated biphenyls:</u> No PCBs were detected at concentrations above method detection limits in water/groundwater samples sent for chemical analysis.

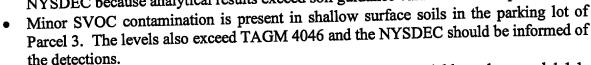
<u>Metals</u>: Selenium was detected at a concentration above method detection limits and above NYSDEC Class GA groundwater standards in the one groundwater (SP-4) and two sump water samples (Sump-1 and Sump-2). Arsenic and lead were detected above method detection limits in the Sump-2 water sample. The water from Sump-2 is discharged to the municipal sewer system.

7.00 CONCLUSIONS AND RECOMMENDATIONS

GZA was retained to assess whether the historical Site usage of solvents (i.e., 1,1,1-trichloroethane), historical usage of PCBs in pad mounted transformers and oil staining proximate to floor drains and control joints within the building may have resulted in environmental impacts at the Site. Our work included observing soil probes at twenty-one locations, surface fill material samples from three locations, headspace screening of soil samples taken from the macrocore sampler and surface material samples and analysis of thirteen (13) surface or subsurface soil samples, one sump sediment sample, and three water/groundwater samples.

GZA's opinion of environmental contamination in the subsurface at the Site, based upon our field observations, field screening and subsurface soil analytical data obtained follows.





- Historical presence of chlorinated solvents at the Site (i.e., trichloroethene and 1,1,1-trichlroethane) has impacted subsurface soil underneath the building on Parcel 1 and perched groundwater in the vicinity of SP-4. These compounds are present in the environment above TAGM 4046 RSCOs and Glass GA criteria and pose a minimal threat to human health and the environment. NYSDEC should be made aware of their presence in subsurface soil and perched groundwater.
- Metal elements are present in fill material in the area of SP-8, which are above TAGM 4046 RSCO. The presence of these metals does not pose a significant threat to human health or environment because they are generally immobile in soil and the chance for human exposure is small in the current location underneath the floor. A soil management plan should be implemented if on-Site construction involves soil excavation.
- Sump-3 should be cleaned out and the contents properly characterized and disposed.
- The discharge location of Sump-1 should be determined.

GZA has asked Upstate Laboratory to perform total petroleum hydrocarbon analysis via Method 310-13 on three samples, SP-2 14 to 16 ft bgs, SP-8, 0 to 4 ft bgs and SP-17, 0 to 2 ft bgs to attempt to identify the matrix that has caused interfered in some of the samples analyzed. The results of the analysis were not complete at the time of this report. The result will be submitted in an addendum letter to this report.

GZA recommends that this report be submitted to the NYSDEC for their review and comment.

Alternately, Curtis Screw may wish to have legal council review this report and make a determination regarding your requirement to report this information to NYSDEC. In general, GZA believes our investigation identified the presence of residual and/or limited subsurface contamination. It does not appear that extensive subsurface contamination is present.





TABLES

Table 1

Analytical Testing Program Summary

Curtis Screw Company

1130 Niagara Street

Buffalo, New York

				•		
		Depth/	VOCs	SVOCs	RCRA 8 Metals	PCBs
Location	Date Collected	Interval	EPA Method	EPA Method	EPA Method	EPA Method
		(ft bgs)	8260 TCL	8270 BN	6010/7470	8082
oil Samples		out CSU and the	PROGRAMMA	A. 化铁铁铁铁铁		Marie Committee
HA-3	12/11/2004	1.5 to 1.8			- ··	X
SP-1	12/11/2004	2 to 4	X	X		
SP-2	12/11/2004	14 to 16	X	Х		
SP-4	12/11/2004	8 to 10	X	X		
SP-7	12/11/2004	6 to 8	X	X		····
SP-8	12/11/2004	0 to 4		Х	X	***
SP-9	12/11/2004	4 to 5.3	X	X		-
SP-10	12/11/2004	0 to 2	X			
SP-11	12/11/2004	0 to 2	X	Х		
SP-12	12/11/2004	0 to 2	Х	X		
SP-13	12/11/2004	14 to 15.6	X	Х		· · · · · · · · · · · · · · · · · · ·
SP-16	12/11/2004	4 to 7.3	X	X		
SP-17	12/11/2004	0 to 2	X	Х		
Sump-3	12/11/2004	0 to 1.5	X	Х	X	X
roundwater S	amples				4	
Sump-1	12/11/2004	NA	X	X	X T	X
Sump-2	12/11/2004	NA	X	x	x	X
SP-4	12/11/2004	NA	Х	Х	X	X

Notes:

- 1. NA = not applicable.
- 2. bgs = below ground surface
- 3. ft = feet
- 4. VOCs = Volatile Organic Compounds
- 5. SVOCs = Semi-Volatile Organic Compounds
- 6. TCL = total compound list.
- 7. BN = base neutral compounds.
- 8. RCRA = Resource Conservation and Recovery Act.
- 9. PCBs= polychlorinated biphenyls

Table 2

Soil Analytical Testing Results Summary Curtis Screw Company 1130 Niagara Street Buffalo, New York

<u> </u>									<u> </u>							
	NYSDEC	NYSDEC														
Parameter	TAGM 4046	TAGM 4046	HA - 3	SP-1	SP-2	SP-4	SP-7	SP-8	SP-9	SP-10	SP-11	SP-12	SP-13	SP-16	SP-17	SUMP-3
e contract &	RSCO	astern US Backgroun	n 18 to 22 inches bgs	2 to 4 ft bgs	14 to 16ft bgs	8 to 10 ft bgs	6 to 8 ft bgs	0 to 4 ft bgs	4 to 5.3 ft bgs	0 to 2 ft bgs	0 to 2 ft bgs	0 to 2 ft bgs	14 to 15.6 ft bgs	4 to 7.3 ft bgs	0 to 2 ft bgs	
Volatile Organic Compounds -	EPA Method 8260 7	FCL (ug/kg)														
Vinyl Chloride	200	NA	NT			290		NT								
Acetone	200	NA	NT	16				NT								
cis-1,2-Dichloroethene	NV	NA	NT			4,200	4.2	NT								2,000
1,1,1-Trichloroethane	800	NA	NT					NT							1,400	
Trichloroethene	700	NA	NT				23	NT	8.6			910	190	6,100	7,100	1,100
Semi-Volatile Organic Compo	unds - EPA Method	8270 Base Neutral Lis	et (ug/kg)												(pr. 0970000)	
Bis(2-ethylhexyl)phthalate	50,000	NA	NT						690	NT						
Phenanthrene	50,000	NA	NT	2,000						NT						
Fluoranthene	50,000	NA	NT	5,100		4,700		(NT						
Pyrene	50,000	NA	NT	3,100		4,000				NT						
Benzo [a] Anthracene	224 or MDL	NA	NT	2,800		4,500				NT						
Chrysene	400	NA	NT	4,400		6,800				NT						
Benzo [b] Fluoranthene	1,100	NA	NT	4,400		9,400				NT						
Benzo [k] Fluoranthene	1,100	NA	NT			2,500				NT						
Benzo [a] Pyrene	61 or MDL	NA	NT	3,100		8,500				NT						
Indeno [1,2,3-cd] Pyrene	3,200	NA	NT	2,100		5,100				NT						
Benzo [g,h,i] Perylene	50,000	NA	NT	2,500		6,500				NT						
Polychlorinated Biphenyls - El	PA Method 8082 (mg	(/kg)									444					
		NA		NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	
RCRA 8 Metals - EPA Method	6010/7470 (mg/kg)	7.5														
Arsenic	7.5 or SB	3 - 12 *	NT	NT	NT	NT	NT	2.9	NT	NT	NT	NT	NT	NT	NT	12
Barium	300 or SB	15 - 600	NT	NT	NT	NT	NT	1,800	NT	NT	NT	NT	NT	NT	NT	44
Cadmium	1 or SB	0.1 - 1	NT	NT	NT	NT	NT	230	NT	NT	NT	NT	NT	NT	NT	1.4
Chromium	10 or SB	1.5 - 40 *	NT	NT	NT	NT	NT	750	NT	NT	NT	NT	NT	NT	NT	16
Lead	SB	**	NT	NT	NT	NT	NT	2,300	NT	NT	NT	NT	NT	NT	NT	
Selenium	2 or SB	0.1 - 3.9	NT	NT	NT	NT	NT	2.1	NT	NT	NT	NT	NT	NT	NT	
Mercury	0.1	0.001 - 0.2	NT	NT	NT	NT	NT	0.5	NT	NT	NT	NT	NT	NT	NT	5.02

1. Compounds detected in one or more samples are presented on this table.

Refer to Appendix C for list of all compounds included in analysis.

- Analytical testing completed by Upstate Laboratory.
 Recommended Soil Cleanup Objectives (RSCOs) based on the NYSDEC TAGM 4046, Determination of Soil Cleanup Levels dated January 1994.
- 4. ug/kg = parts per billion; mg/kg = parts per million.
- 5. NV = no value.
- 6. ft bgs = feet below ground surface.
- 7. SB = Site Background
- 8. NT = not tested.
- Shading indicates values exceeding RSCO.
 * = New York State background.
- 11. ** = Background levels for lead vary widely. Average background levels in metropolitan arera or near highways are much higher and typically range from 200-500 ppm.
- 12. MDL = method detection limit.

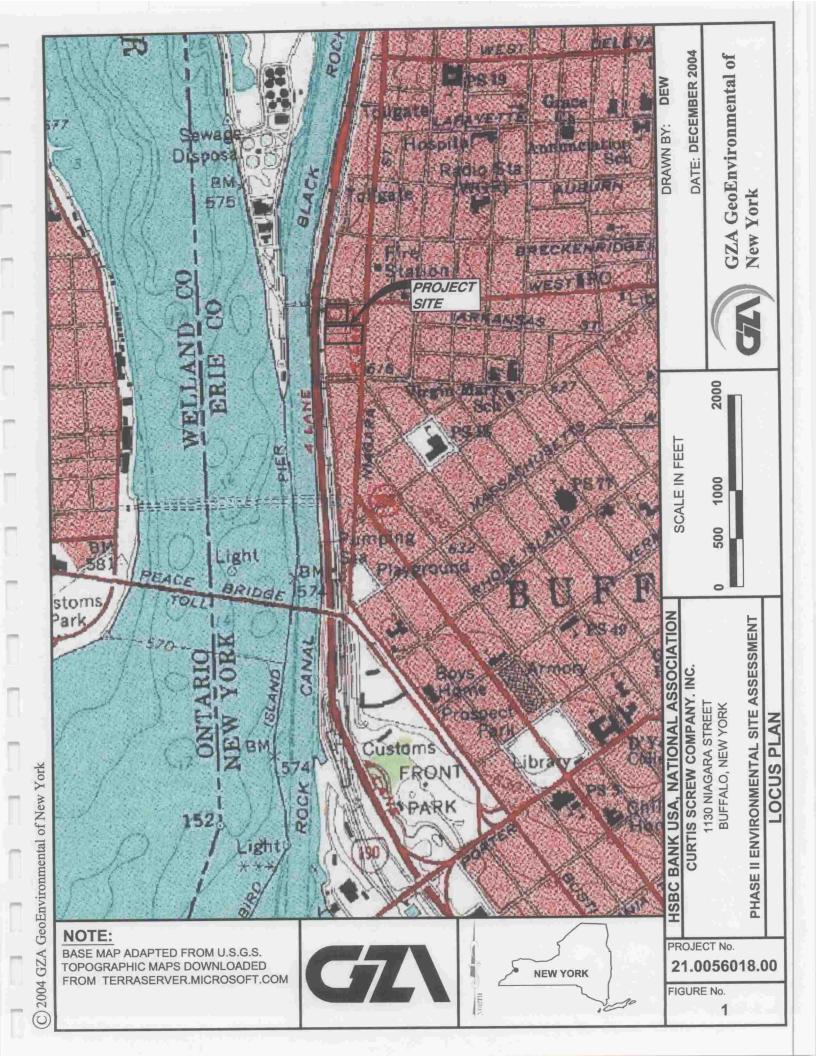
Table 3

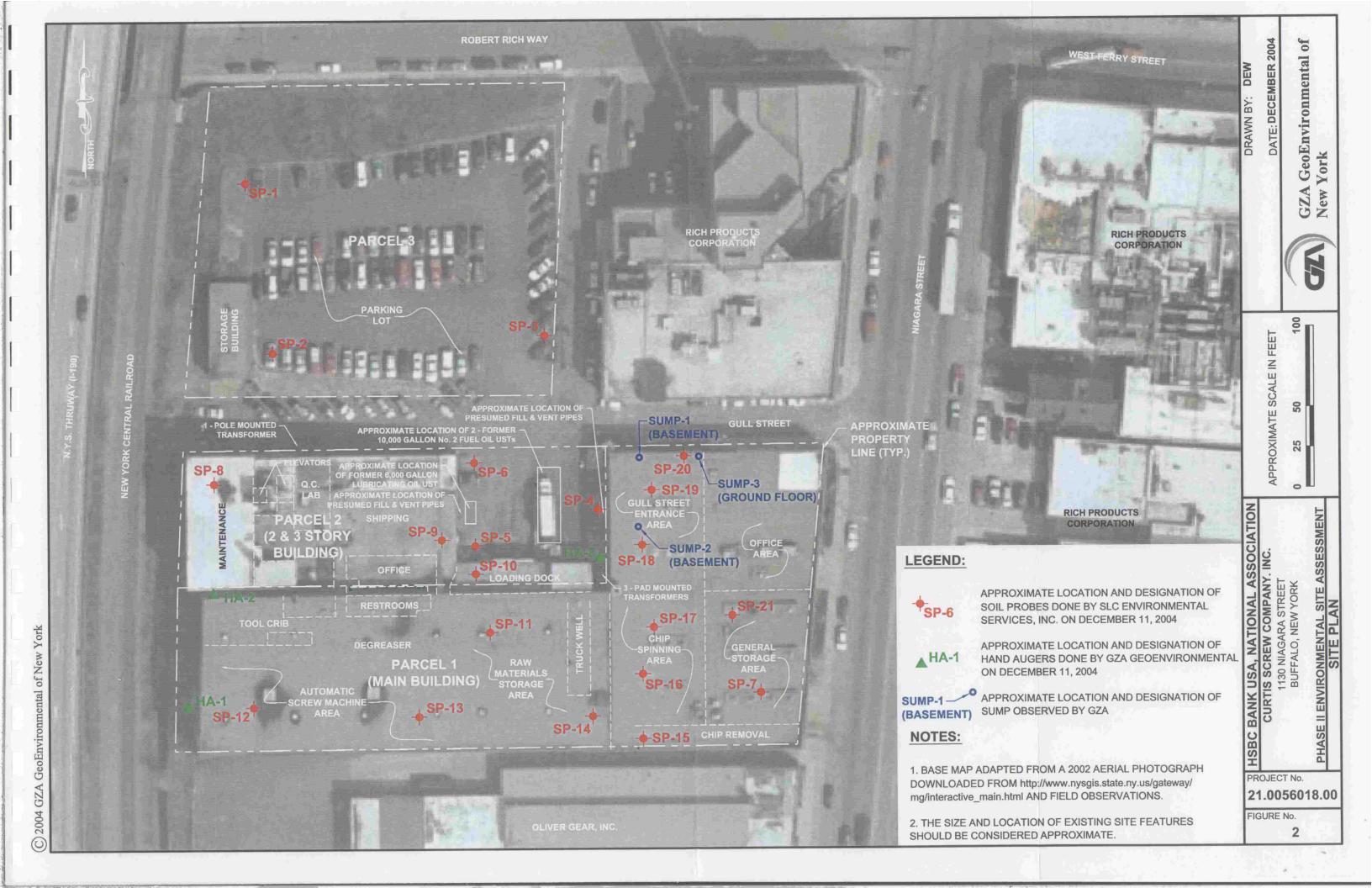
Water Analytical Testing Results Summary **Curtis Screw Company** 1130 Niagara Street Buffalo, New York

	NYSDEC			
Parameter	Class GA	Sump - 1	Sump - 2	SP-4
	criteria	_		51-4
Volatile Organic Compounds	- EPA Method 8260 To	CL (ng/L)	The walk of the	
Chloromethane	2			io
cis-1,2-Dichloroethene	5			18
Trichloroethene	5			280
Semi-Volatile Organic Comp	ounds - EPA Method 82	70 Rase Nantral I to	# (ne/1)	34:
Fluoranthene	50	o o muse ventral Pil	n (aft.r)	T
Pyrene	50			8.9
Chrysene	0,002			6.3
Benzo [b] Fluoranthene	0.002			7.7
Benzo [a] Pyrene	MDL			8.2
Benzo [g,h,i] Perylene	NV			7.1
Polychlorinated Biphenyls - E	PA Method 8082 (ug/l.			5.5
RCRA 8 Metals - EPA Method	d 6010/7470 (mg/L)			
Arsenic	0.025		0.014	
Lead	0.025		0.014	
Selenium	0.010	0.032	0.045	0.03
1. Compounds detected in one as			0.043	0.036

- 1. Compounds detected in one or more samples are presented on this table. Refer to Appendix C for list of all compounds included in analysis.
- 2. Analytical testing completed by Upstate Laboratory.
- 3. NYSDEC Class GA criteria obtained from Division of Water Technical and Operational Guidance Series (TOGS 1.1.1), June 1998.
- 4. ug/L = parts per billion.
- 5. NV = no value
- 6. Shading indicates values exceeding NYSDEC Class GA groundwater criteria.
- 7. MDL = method detection limit

FIGURES





APPENDIX A

LIMITATIONS

LIMITATIONS

- 1. The observations described in this report were made under the conditions stated therein. The conclusions presented in the report were based solely upon the services described therein, and not on scientific tasks or procedures beyond the scope of described services or the time and budgetary constraints imposed by Client. The work described in this report was carried out in accordance with the Terms and Conditions of our Agreement.
- 2. In the event that information becomes available on environmental or hazardous waste issues at the site not contained in this report, such information shall be brought to GZA's attention forthwith. GZA will evaluate such information and, on the basis of this evaluation, may modify the conclusions stated in this report.
- 3. The purpose of this report was to assess the physical characteristics of the subject site with respect to the presence in the environment of hazardous material or petroleum products. No specific attempt was made to check on the compliance of present or past owners or operators of the site with federal, state, or local laws and regulations, environmental or otherwise.
- 4. The conclusions and recommendations contained in this report are based in part upon the data obtained from a limited number of soil and/or groundwater samples obtained from widely spaced subsurface explorations. The nature and extent of variations between these explorations may not become evident until further exploration. If variations or other latent conditions then appear evident, it will be necessary to reevaluate the conclusions and recommendations of this report.
- 5. The conclusions and recommendations contained in this report are based in part upon various types of chemical data and are contingent upon their validity. These data have been reviewed and interpretations made in the report. As indicated within the report, some of these data are preliminary "screening" level data, and should be confirmed with quantitative analyses if more specific information is necessary. Moreover, it should be noted that variations in the types and concentrations of contaminants and variations in their flow paths may occur due to seasonal water table fluctuations, past disposal practices, the passage of time, and other factors. Should additional chemical data become available in the future, these data should be reviewed by GZA and the conclusions and recommendations presented herein modified accordingly.
- 6. Chemical analyses have been performed for specific parameters during the course of this site assessment, as described in the text. However, it should be noted that additional chemical constituents not searched for during the current study may be present in soil and/or groundwater at the site.

APPENDIX B

SOIL PROBE LOGS

Probe No.1 SHEET 1 OF 1 FILE No. 21.0056018.00 CHECKED BY :ERH

	LER RT DATE 1		VIICII			GROUND SURFACE ELEVATION			
		2/11/04		Bieber END DATE 1	2/11/04	GZA GEOENVIRONMENTAL REPRESI	ENTATIVE D. Troy		
ŀ	MAZA TED I	EVEL DATA					Simco Earth Probe 2	00	
}			WATER	CASING	NOTES	<u>.</u>	2-inch diameter by 48		_
-	DATE	TIME	WATER	CASING	NOTEC	OVERBURDEN SAMPLING METHO			_
						•	NA		_
ŀ						1 NOOK BRILLING METHOD			
_			L		<u> </u>				T
<u> </u>			044404.5	•		SAMPLE DESCRIP	TION	NOTES	0
E			SAMPLE	•		J. 1311 12 2000 1			Ιv
P		le Ne	DEPTH	PEC	OVERY	1			N
T H	San	nple No.	(FT)	i	(%)				(pp
끡		S-1	0-2		30	Asphalt (3-inches)	- · ·		N
		9-1	0-2			FILL - Dark brown Gravel, moist.			
1			<u> </u>			Grades to:Gray, some Sand.			
			<u> </u>			FILL - Brown Sand, some Silt, moist to	to wet		
2		S-2	2-4		30	TIEL - BIOWIT Cara, Solite City Moses			1 10
إ		J-4	4-4			FILL - Dark brown Silt and Sand, som	ne Gravel. trace		1 ~
3			 			Brick, trace Glass, trace Coal, moist.		1	
إ			 						1
4		S-3	4-6		75	Grades to:some Slag, some Brick.			N
اے			10			Reddish brown Silty CLAY, little Sand	PA DO DO DA ESCA DE LOS DES DES DES DOS 2005 DE SE DE CONTRA DE CO	****	
5			 		<u>.</u>				1
ام			 	<u> </u>		1			1
6		S-4	6-8	 	75	†			N
7			1 3-3	 		Ⅎ			1
ď			-	 		1			
8	· · · · · · · · · · · · · · · · · · ·		 			† · ·	•		
٦		S-5	8 -10		80	-			N
9			+			┪			
٦						Brown SAND, moist.		100 00	İ
10						Reddish brown Silty CLAY, little Sand	d, moist.		
		S-6	10 - 12		80	1			N
11						Grades to:trace Gravel.			
						7			
12						7		·	
- 1		S-7	12 - 14		75	7			N
13									
14						Grades to:some Gravel.			
		S-8	14 - 16		75	<u>.</u>			N
15						_			
- 1						_			
16						_		1	
- 1		S-9	16 - 18		75	_		`	N
17						_	•		
						Grades to:trace Gravel.			
18						_			
		S-10	18 - 20		75	_			N
19						_			
						_			
20								_	
						End of boring at 20 feet bgs.			
S -	Split Spo	on Sample		NOTES:		101 organic vapor meter used to s			
				<u> </u>		calibrated to the equivalent of 58			
Ger	neral	1) Stratifica	ation lines	represent a	approximate	boundry between soil types, tran	nsitions may be g	radual.	
Not	es:								

Probe No.2 SHEET 1 OF 1 FILE No. 21.0056018.00 CHECKED BY :ERH

	TRACTOR			Environmental	Services	-	See Location Plan	NIA	
	LER RT DATE 1	2/44/04		Bieber END DATE 1	2/11/04	GROUND SURFACE ELEVATION GZA GEOENVIRONMENTAL REPRE	NA DATUM	NA	
IAI				END DATE	2/11/04			00	
		EVEL DATA	T	01000	NOTES	TYPE OF DRILL RIG	Simco Earth Probe 2		
ŀ	DATE	TIME	WATER	CASING	NOTES	CASING SIZE AND DIAMETER OVERBURDEN SAMPLING METH	2-inch diameter by 41	5-inches long	
			<u> </u>			-			
ŀ						ROCK DRILLING METHOD	NA		
_								1	
<u> </u>		•	04459	_		SAMPLE DESCR	IDTION	NOTES	0
E			SAMPLE	:		SAMPLE DESCR	IPTION	NOIES	
P			D=0=11	DE0/	N/EDV	-			ľ
Ţ	Sam	ple No.	DEPTH	1	OVERY %)				tore
Н		3 4	(FT)		50	Asphalt (3 inches)			N
	,	S-1	0-2		30	FILL - Gray/black Gravel, some Sar	ad some Sina moiet	·	'``
ľ						FILL - Gray/black Gravel, sorrie Gal			
ا						Grades to:Black.	nou.		
2		S-2	2-4		50	Brown Silty CLAY, little Sand, trace	Gravel, moist.		N
3		J-A	1 2-4			1			
3						1			1
4			 			1			
7		S-3	4-6		50	Grades to:Dark brown.			N
5		· . · · · · · · · · · · · · · · · · · ·				1			1
٦						1			
6			1			Grades to:Reddish brown			1
٦		S-4	6-8		50	1			N
7					,	Grades to:trace Organics.			
						7		1	
8									-
		S-5	8 -10		50]			N
9									
									1
10						Grades to:Gray/brown staining.			1.
		S-6	10 - 12		50				1
11						Grades to:Reddish brown.			
						4			
12									1
		S-7	12 - 14		50				'
13			ļ <u> </u>	<u></u>		4			
			<u> </u>			-		1	ĺ
14		S-8	14 10		50	4			4
اءر		J-0	14 - 16			1			
15			 			1			
16			-			1			
10						End of boring at 16 feet bgs.		1	1
47				 		1			
17			-			1		1	
18			 			1			
.0			1	 		7	•	1	
19			 	1		1			
			1						
20			1]			
			1						
S -	Split Spo	on Sample		NOTES:	1) Hnu Pl-1	01 organic vapor meter used to	screen soil samp	les.	
J -	opiii opo			ŀ	Meter was	calibrated to the equivalent of	58 ppm benzene in	air.	
Gei	neral	1) Stratific:	ation lines	represent a	pproximate	boundry between soil types, tra	ansitions may be g	radual.	
	ies:	,			. •	•			

Probe No.3 SHEET 1 OF 1 FILE No. 21.0056018.00 CHECKED BY :ERH

	ITRACTOR	ર		Environmental	l Services	BORING LOCATION See Location Plan GROUND SURFACE ELEVATION NA DATUM NA	10000
	LER RT DATE	42144104		n Bieber END DATE 1	12/11/04	GROUND SURFACE ELEVATION TO SKITCH STORY GZA GEOENVIRONMENTAL REPRESENTATIVE D. Troy	
SIA				END DATE :	12/11/04	TYPE OF DRILL RIG Simco Earth Probe 200	
}		LEVEL DATA	WATER	CASING	NOTES	CASING SIZE AND DIAMETER 2-inch diameter by 48-inches long	***
. }	DATE	TIME	WATER	Unonse	140.22	OVERBURDEN SAMPLING METHOD Direct push	-
1			-	+	-	ROCK DRILLING METHOD NA	-
1 }			 	 	 	- ROOK DIVILLE TO THE ROOK	_
<u> </u>							T
D	1.		PALIDIT	_		SAMPLE DESCRIPTION NOTES	0
E	1		SAMPLE	=		Grant the season of the control of t	V
P		····le Na	DEPTH	T REC	OVERY	-	М
T H	30.	ample No.	(FT)	1	(%)		(ppm)
~		S-1	0-2		50	Asphalt (3 inches)	ND
ا ا		S-1	U-Z	 	DU	FILL - Gray Gravel (Subbase), moist.	
1						- FILL - Gray Graver (Subbase), Incisc	
				 		FILL - Brown Silty Clay, little Gravel, little Sand, trace	
2	<u></u>		 	 	50	FILL - Brown Sitty Clay, Intie Gravel, Intie Sand, Irace Brick, moist.	ND
1		S-2	2-4		50	_ Brick, moist.	'```
3	<u></u>		 			FILL - Brown Silty Clay, some Sand, moist.	
				 		FILL - Brown Siny Clay, Some Sand, molec.	
4	 		+		80	-	ND
1 1		S-3	4-6		80	2 Out 2 Ot AV 1242 Cond trops Croust majet	''
5					· · · · · · · · · · · · · · · · · · ·	Brown SILT & CLAY, little Sand, trace Gravel, moist.	,
	<u></u>					-	
6	<u></u>		 	 	^^	-	ND
	<u></u>	S-4	6-8		80	⊣	'
7	<u></u>			 		⊣	l
4 1	<u></u>					_	
8				<u> </u>		Constant makes	ND
		S-5	8 -10		75	Brown CLAY & SILT, little Sand, trace Gravel, moist.	ND
9				<u> </u>		_	
				<u> </u>		⊣	1
10			1			_	,,,
	<u></u>	S-6	10 - 12		75	Grades to:some Sand.	ND
11							
						Grades to:little Sand.	
12	<u></u>						"
4 _!		S-7	12 - 13		75	Grades to:little Gravel.	ND
13	<u></u>	<u> </u>					
1			<u> </u>			Refusal at 13 feet bgs.	
14			<u> </u>				1
4			<u>T</u>]	<u> </u>	_	
15			<u> </u>	1			
	<u> </u>		<u> </u>				~
16						_]	1
4			`	<u></u>			
17			$T_{}$	Τ]	
1			T	Ţ		_]	
18]	
1]	
19]	
				Τ		.]	
20						7	
 _'				,			
s-	Split Sp	oon Sample	3	NOTES:		101 organic vapor meter used to screen soil samples.	
					Meter was	s calibrated to the equivalent of 58 ppm benzene in air.	
Ger	neral	1) Stratific	ation lines	represent :	approximate	e boundry between soil types, transitions may be gradual.	
	tes:	•		•	•	•	
ľ							

Probe No.4 SHEET 1 OF 1 FILE No. 21.0056018.00 CHECKED BY :ERH

	TRACTOR			Environmental	Services		ee Location Plan	NIA	-
	LER	401445		Bieber	0/44/04	_GROUND SURFACE ELEVATION _ GZA GEOENVIRONMENTAL REPRES	NA DATUM	NA	-
STA	RT DATE			END DATE 1	2/11/04				******
	WATER	LEVEL DATA				TYPE OF DRILL RIG	Simco Earth Probe 20		n
	DATE	TIME	WATER	CASING	NOTES	CASING SIZE AND DIAMETER	2-inch diameter by 48-	inches long	-
						OVERBURDEN SAMPLING METHO	D Direct push		
						ROCK DRILLING METHOD	NA		
D									
Ε			SAMPLE			SAMPLE DESCRI	PTION	NOTES	0
P									V
т	San	nple No.	DEPTH	REC	OVERY	7			М
н		•	(FT)	(%)				(ppm)
-		S-1	0-2		70	Asphalt (3 inches)			ND
4		-	 			FILL - Gray Gravel (Subbase), moist	_		
1			 			FILL - Black Sand and Gravel, moist		Installed 1-inch	
			 			Grades to:Brown Sand.		diameter temporary	
2		S-2			70	FILL - Brown Silty Clay, little Gravel.		PVC microwell.	ND
		O-2	2-4			- Interpretation of the state o			1
3						FILL - Black Slag, some Gravel, som	e Sand, little Wood		
						trace Ash, moist.			
4					60	uace Asii, illoist.			1
		S-3	4-6		60	Paris Olk Ol AV IIIIa Cand main		1	Ι΄.
5						Brown Silty CLAY, little Sand, moist.			1
6						_			25
		S-4	6-8		60				35
7									
			,						
8						Grades to:trace Organics.		Possible petroleum	
		S-5	8 -10		50		<u> </u>	odor observed.	50
9						Black (stained) SAND, trace Gravel,	wet.		
]			1
10								.[1
		S-6	10 - 12		50	Brown Silty CLAY, little Sand, trace	Gravel, moist to wet.	1	2
11						7			
• •						7			1
12			ļ. —			1		İ	1
14		S-7	12 - 13.3	<u> </u>	50	1			4
42		<u> </u>	12 100			-		İ	
13			1	-		1			1
. د				ļ		Refusal at 13.3 feet bgs.		1	
14			 			-		1	1
			-	 		┥			
15			1			-			
			<u> </u>	<u> </u>		-	,		
16						-			
						4	•		
17				<u> </u>	· · · · · · · · · · · · · · · · · · ·	4	•	1	
Ì						-		1	
18						4			
						4			
19						_			
l						_	•		1
20									
			1						
Q	Split Sp	oon Sample	<u></u>	NOTES:	1) Hnu Pl-	101 organic vapor meter used to	screen soil sample	es.	
ا ا	ohiii oh				Meter was	calibrated to the equivalent of 5	8 ppm benzene in	air.	
0	norel	1) Stratific	ation lines	represent :	approximate	e boundry between soil types, tra	insitions may be gr	adual.	
	neral ites:	i) Suauilo	audii iii es	-chieseiit	appi ominiate				

Probe No.5 SHEET 1 OF 1 FILE No. 21.0056018.00 CHECKED BY :ERH

	TRACTOR			Environmental	Services	BORING LOCATION See Location Plan GROUND SURFACE ELEVATION NA DATUM NA	_
	LER	0144104		Bieber END DATE 1	2/11/04	GZA GEOENVIRONMENTAL REPRESENTATIVE D. Troy	-
STAI	RT DATE 1			END DATE	2/1//04	TYPE OF DRILL RIG Simco Earth Probe 200	
		EVEL DATA		010010	MOTES	CASING SIZE AND DIAMETER 2-inch diameter by 48-inches long	-
	DATE	TIME	WATER	CASING	NOTES	OVERBURDEN SAMPLING METHOD Direct push	
١							
						ROCK DRILLING METHOD NA NA	_
							_
D						SAMPLE DESCRIPTION NOTES	
E			SAMPLE	•		SAMPLE DESCRIPTION NOTES	V
P							M
T	San	nple No.	DEPTH		OVERY		1
Н			(FT)		%)		(ppm)
		S-1	0-2		50	Asphalt (3 inches)	1
1						FILL - Gray Gravel (Subbase), moist.	1
						FILL - Black Slag, moist.	
2					-		١
		S-2	2-4		50		ND
3							1
						FILL - Dark brown Silty Clay, little Sand, trace Gravel	
4						trace Brick, trace Slag, moist.	
		S-3	4-6		60	Reddish brown Silty CLAY, little Sand, trace Gravel,	1
5						moist.	
	T						
6							
		S-4	6-8		60	1	1
7	I						
						7	
8						Grades to:some Sand.	
1		S-5	8 -10		60	Brown SAND, some Silt, some Clay, trace Gravel,	1
9						moist to wet.	
						7	
10						7	
		S-6	10 -12		60	Grades to:little Silt, little Clay.	1
11				1		1	1
l ''							
12		······································					
'-						Refusal at 12 feet bgs.	
12		· . · · · · · · · · · · · · · · · · · ·				-	
13				 		-	
14	 -		-	 		†	
l ' <i>'</i>	——		 			1	
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l '3	····		 			1	
16			 	 		1	
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18			-	 		-	1
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	ļ		-	 		- .	
20			<u> </u>			-	
_			1	100-0	4) 11. 5:	104	Щ.
S-	Split Spo	on Sample		NOTES:	1) Hnu Pl-1	101 organic vapor meter used to screen soil samples.	
<u> </u>				<u> </u>	Meter was	calibrated to the equivalent of 58 ppm benzene in air.	
	neral	1) Stratific	ation lines	represent a	approximate	e boundry between soil types, transitions may be gradual.	
	tes:						

Probe No.6 SHEET 1 OF 1 FILE No. 21.0056018.00 CHECKED BY :ERH

CON	TRACTOR	<u> </u>		Environmental Bieber	Services	BORING LOCATION See Location Plan GROUND SURFACE ELEVATION NA DATUM NA	-
	RT DATE	12/11/04	VIIGI	END DATE 1	2/11/04	GZA GEOENVIRONMENTAL REPRESENTATIVE D. Troy	-
		LEVEL DATA				TYPE OF DRILL RIG Simco Earth Probe 200	
	DATE	TIME	WATER	CASING	NOTES	CASING SIZE AND DIAMETER 2-inch diameter by 48-inches long	-
ı		1		0.710.11.10		OVERBURDEN SAMPLING METHOD	-
						ROCK DRILLING METHOD NA	-
							-
D							
E			SAMPLE	=		SAMPLE DESCRIPTION NOTES	0
P			O/ 11111 EL	-			l v l
т	Sar	npie No.	DEPTH	RECO	VERY	-	м
н	-		(FT)		%)		(ppm)
		S-1	0-2		30	Asphalt (3 inches)	ND
4						FILL - Gray Gravel (Subbase), moist.	
ľ						FILL - Dark brown Silty Clay, little Sand, trace Wood,	
2		· · · · · · · · · · · · · · · · · · ·	 			trace Slag, moist.	
		S-2	2-4	8	30	 	ND
3							
						Brown Clayey SILT, little Sand, moist.	
4							
		S -3	4-6	(30	Reddish brown Silty CLAY, little sand, trace Gravel, moist.	ND
5							
						_	
6						<u> </u>	
		S-4	6-8	6	50	<u> </u>	ND
7						Grades to:little Gravel.	
						_	
8						<u>.</u>	ND
		S-5	8 -10		70	4	ומא
9						4	
						<u> </u>	
10		S-6	10 - 11		70	-	ND
		3-0 ,	10-11			┥	
11						Refusal at 11 feet bgs.	
12							
12			 			-	1
13		<u></u>	 			 	
				 		7	
14				1		7	
15							
16						_	
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18			ļ			●	
		,	ļ			4	
19			<u> </u>			- 	
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20			 	 		-	
_	Onlit Or	on Comple	1	NOTES:	1\ Hnii DL1	101 organic vapor meter used to screen soil samples.	1
S -	Split Spo	oon Sample		INUTES:	Meter was	s calibrated to the equivalent of 58 ppm benzene in air.	
Ge	neral	1) Stratifica	ation lines	represent a	pproximate	e boundry between soil types, transitions may be gradual.	
Not		i j Suauno		. op. 0001 it u	- F. 3	•	
l''''							

Probe No.7 SHEET 1 OF 1 FILE No. 21.0056018.00 CHECKED BY :ERH

	TRACTOR			Environmental Bieber	Services	BORING LOCATION GROUND SURFACE ELEVATION	See Location Plan NA DATUM	NA	
	RT DATE 1	2/11/04	Allen	END DATE 1	2/11/04	GZA GEOENVIRONMENTAL REPRE	SENTATIVE D. Troy		
, , , ,		EVEL DATA				TYPE OF DRILL RIG	Simco Earth Probe 2		
ł	DATE	TIME	WATER	CASING	NOTES	CASING SIZE AND DIAMETER	2-inch diameter by 4		
ŀ	DATE	LIME	WIEN	OAGING	NO IZO	OVERBURDEN SAMPLING METH			
ŀ						ROCK DRILLING METHOD	NA		
- }									
_			<u> </u>						
D			CAMPIE	•		SAMPLE DESCR	IPTION	NOTES	0
E			SAMPLE	•		0/3/1 LL D20011		1.51.25	l v
P			DEDTU	BEC	OVERY				
Ţ	San	nple No.	DEPTH	l	(%)				(pp
Н		0.4	(FT)		60	Concrete (6 inches)		1	N
		S-1	0-2		60	FILL - Gray Gravel, some Sand, son	me Silt Some Clay		```
1						moist.	me siit, some olay,		
			ļ <u>.</u>	<u> </u>		Reddish brown Silty CLAY, trace Sa	and moiet		
2		S-2	2-4		60	Reddish blown silty CEAT, hade so	and, molec		l N
		3-2	2-4			-			
3			<u> </u>			Grades to:trace Gravel.			
4		S-3	4-6		70	Grades to:Brown, little Sand.			N
_			+						
5			<u> </u>			1			
_			 			1	i.		
6		S-4	6-8		70	Grades to:Gray lens, little Gravel		Pungent odor	2
7			0-0	<u> </u>				observed.	
			 			1	•		
8						1			
٦		S-5	8 -10		70	Grades to:Brown, little Sand.			N
9			+			1			
٦					· · · · ·	1			
10						1			
		S-6	10 - 11.5		70	7 ~	•		1
11						7			
						7			
12						Refusal at 10.5 feet bgs.			ļ
						7			
13]			
14						<u> </u>	•		
						_			
15						_			
i						_			
16		,							
						4	•		
17			ļ			4			
						4			
18			ļ	<u> </u>		4			
- 1						4			
19						4			
			<u> </u>			4	•		
20		· · · · · · · · · · · · · · · · · · ·	<u> </u>			4		1	1
			<u></u>			<u> </u>		<u> </u>	
S - :	Split Spo	on Sample		NOTES:		01 organic vapor meter used to			
		4) #1		<u> </u>		calibrated to the equivalent of 5			
	neral	1) Stratifica	ation lines	represent a	pproximate	boundry between soil types, tra	ansitions may be g	raduai.	
Not		•		-		•			

Probe No.8 SHEET 1 OF 1 FILE No. 21.0056018.00 CHECKED BY :ERR

	CONTRACTOR SLC Environmental Services DRILLER Rick Rose		Services	_	Location Plan A DATUM	NA	113		
	RT DATE	12/11/04	RICK	END DATE 1	2/11/04	GZA GEOENVIRONMENTAL REPRESEN			1:59
31A		LEVEL DATA			T		eoprobe 54LT		
	DATE	TIME	WATER	WATER CASING NOTES				diameter by 48-inches long	
	DAIE	INAC	MAIER	OAGING	110120	OVERBURDEN SAMPLING METHOD	Direct push		-
		ļ				ROCK DRILLING METHOD N			cate
						i –	*		•
D.		I	<u> </u>	<u> </u>					
E			SAMPLE	E		SAMPLE DESCRIPTION	ON	NOTES	0
Р									٧
Т	Sar	nple No.	DEPTH	l .	OVERY	a visit			·M
Н			(FT)		%)				(ppm)
		S-1	0-2		50	Concrete (3 inches)	- **		ND
1						FILL - Dark brown Sand (foundry sand),	trace Brick,		
						moist.			
2					FO.	Dark brown Silty CLAY, moist.			ND
		S-2	2-4	,	50	Dark brown Sitty CLAY, moist.			```
3		····				Grades to:Brown, trace Sand, trace G	Gravel.		
4				 				İ	
		S-3	4-6		75	1			ND
5			 			1			
]			
6]			
		S-4	6 - 7.2		75				ND
7									
						Refusal at 7.2 feet bgs.			
8			<u> </u>			4			
				<u> </u>		4			
9						4			
40			 			-			
10			 			· ·			
11						1			
12									
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13						<u>.</u>			
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14						4			
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15				<u> </u>		-		1	
4.0		· · · · · · · · · · · · · · · · · · ·				1			
16						1			
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l ''			†	1					
18	 	<u></u>	1.]			
19						_			
				<u> </u>		4			
20						4			
				100750	4) Herri Di	104 amenia vanar matar vand ta sa	roon soil samn	les	
s -	Split Spe	oon Sample	1	NOTES:	1) Hnu Pl-	101 organic vapor meter used to sc calibrated to the equivalent of 58 p	nom henzene ir	n air.	
<u>_</u>		4) Cincillia	otion lines	represent	MUCICI Was	boundry between soil types, transi	itions may be a	radual.	
	neral tes:	i) Stratific	auon iines	rehreseur s	Thu oviiliare	water and the second se			
170	100.								

Probe No.9 SHEET 1 OF 1 FILE No. 21.0056018.00 CHECKED BY :ERH

	TRACTOF	R	SLC Rick	Environmental Rose	Services	BORING LOCATION GROUND SURFACE ELEVATION	See Location Plan NA DATUM	NA .	a
	RT DATE	12/11/04	. ruck	END DATE 1	2/11/04	GZA GEOENVIRONMENTAL REPRI		ati	•
314		LEVEL DATA				TYPE OF DRILL RIG	Geoprobe 54LT		
	DATE	TIME	WATER	CASING	NOTES	CASING SIZE AND DIAMETER	2-inch diameter by 4	8-inches long	•
	DATE	LIME	WAILK	CACIAC	110720	OVERBURDEN SAMPLING METH			-
						ROCK DRILLING METHOD	NA		-
		ļ				NOOK BRILLENG WILLINGS			•
_									
D				_		SAMPLE DESCR	DIDTION	NOTES	0
Ε			SAMPLE	=		SAMPLE DESCR	dr 11014	1 110125	١v
P				r		-			M
Т	Sa	mple No.	DEPTH	ł .	OVERY				1
Н			(FT)		%)				(ppm)
		S-1	0-2		80	Concrete (3 inches)	• **		1
1						Reddish brown Silty Clay, trace Sa	ind, trace Gravel,		
						trace Brick, moist.			
2]			1
		S-2	2-4		80	Grades to:Brown.			2
3						Reddish brown Clayey SILT, trace	Sand, moist.	ì	1
	<u> </u>					7			1
4						1			
•		S-3	4 - 5.3		30	1 .			5
5						1			
Ĭ						1		İ	
ء ا			 			Refusal at 5.3 feet bgs.			
6		`	 		**	1		,	ļ
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			 	 		1			1
19	 		 	<u> </u>		4			
	<u> </u>		 	<u> </u>		4			1
20			 	ļ		4	,	1	
<u> </u>			<u> </u>	1				laa.	
S-	Split Sp	oon Sample)	NOTES:		01 organic vapor meter used t			
L				<u> </u>	Meter was	calibrated to the equivalent of	58 ppm benzene ir	n air.	
	neral	1) Stratifica	ation lines	represent a	approximate	boundry between soil types, tr	ansitions may be g	ıradual.	
No	tes:								

Probe No.10 SHEET 1 OF 1 FILE No. 21.0056018.00 CHECKED BY :ERH

	CONTRACTOR SLC Environmental Se DRILLER Rick Rose		Services	BORING LOCATION See Location Plan GROUND SURFACE ELEVATION NA DATUM NA		42.		
	RT DATE	12/11/04		END DATE 1	2/11/04	GZA GEOENVIRONMENTAL REPRESENTATIVE J. Beninati		
		LEVEL DATA	 			TYPE OF DRILL RIG Geoprobe 54LT		
	DATE	TIME	WATER	CASING	NOTES	CASING SIZE AND DIAMETER 2-inch diameter by 48-inche	s long	
						OVERBURDEN SAMPLING METHOD Direct push		
						ROCK DRILLING METHOD NA		
D								
E			SAMPLE	•		SAMPLE DESCRIPTION	NOTES	0
Р						<u>.</u>		٧
Т	Sar	nple No.	DEPTH		OVERY			М
Н			(FT)		%)			(ppm)
		S-1	0-2		30	CONCRETE (8 inches)		ND
1			<u> </u>			FILL - Reddish brown Silt, little Sand, trace Gravel, moist.	i	
						4		
2		0.0			30	FILL - Dark brown Silty Clay, trace Sand, trace Gravel,		ND
		S-2	2-4	`	30	moist.	İ	110
3		· · · · · · · · · · · · · · · · · · ·				I II UISL		
			 			-{	l	
4		S-3	4-6	<u> </u>	50	Grades to:Dark reddish brown, trace Cinders.		2
5			 			1	ĺ	
				<u> </u>		1	İ	
6						1		
		S-4	6-8		50	·		2
7						1		
]		
8						***************************************		_
		S-5	8 -10		75	Reddish brown Silty CLAY, trace Sand, trace Gravel,		2
9						moist.		
						_	i	
10						4		2
		S-6	10 - 11.2		75	-		
11						4		
						Refusal at 11.2 feet bgs.		
12						Relusal at 11.2 leet bys.		
42					· · · · · · · · · · · · · · · · · · ·	1		
13						4		
14			 			1		
'*			 	 				
15			†	<u> </u>]		
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16]	ļ	
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17						_		
						4		
18						4	İ	
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19	<u> </u>					-		
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20	ļ		 			-		
0	Calif Ca	oon Sample	<u></u>	NOTES:	1) Hnu PL	101 organic vapor meter used to screen soil samples.		
 3-	ohiit ob				Meter was	calibrated to the equivalent of 58 ppm benzene in air.		
Ga	neral	1) Stratifica	ation lines	represent a	pproximate	boundry between soil types, transitions may be gradua	il.	
	tes:	1) Chamio				•		
l								

Probe No.11 SHEET 1 OF 1 FILE No. 21.0056018.00 CHECKED BY :ERH

	LER RT DATE WATER I DATE	2/11/04 EVEL DATA TIME	Rick	END DATE 1	2/11/04	GROUND SURFACE ELEVATION NA DATUM GZA GEOENVIRONMENTAL REPRESENTATIVE J. Benina	ti	-
D E P	WATER	EVEL DATA						
E P						TYPE OF DRILL RIG Geoprobe 54LT		
E P	DATE	IIME	WATER	CASING	NOTES	CASING SIZE AND DIAMETER 2-inch diameter by 48	-inches long	_
E P			WATER	CASING	NOTES	OVERBURDEN SAMPLING METHOD Direct push		_
E P						ROCK DRILLING METHOD NA		-
E P		-				TOOK DIGITAL METHOD		_
E P			<u> </u>					T
Р			SAMPLE	•		SAMPLE DESCRIPTION	NOTES	10
			QVIAILET	•				١v
	San	nple No.	DEPTH	REC	OVERY	† ·		М
н		ipio i to:	(FT)	i .	%)	· ·	}	حود)
		S-1	0-2		45	Concrete		11
4			 			FILL - Brown Sand, moist.		
'				·		1		
2				<u> </u>		1 ·		
		S-2	2-4		45	FILL - Dark brown Silty Clay, trace Sand, trace Gravel,		4
3						trace Brick, moist.		
]		
4								
		S-3	4-6		75	Reddish brown Silty CLAY, trace Sand, trace Gravel,	1	1
5						moist.		
1							,	i
6								
		S-4	6-8		75	Grades to:some black staining.		2
7						·		1
						<u> </u>		1
8						<u> </u>		١.
		S-5	8 - 10		100	<u> </u>		4
9						_		
			ļ			,		
10		0.0	10 11 0		100	_		1 1
		S-6	10 - 11.3		100	4		'
11			<u> </u>			-		
	ļ					Refusal at 11.3 feet bgs.	-	
12			_			Reiusal at 11.5 leet bys.		
40						_		
13						-		
14			-			-		1
				 		† · · · · · · · · · · · · · · · · · · ·		
15						1 '		
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18								
19								
						_		
20								1
							<u> </u>	
s -	Split Spo	on Sample		NOTES:		101 organic vapor meter used to screen soil sample		
					Meter was	calibrated to the equivalent of 58 ppm benzene in	air.	
Ger Not	neral	1) Stratific	ation lines	represent a	approximate	boundry between soil types, transitions may be gr	adual.	

Probe No.12 SHEET 1 OF 1 FILE No. 21.0056018.00 CHECKED BY :ERH

CON	CONTRACTOR SLC Environr DRILLER Rick Rose			C Environmental Services			See Location Plan NA DATUM	NA NA	
	RT DATE	12/11/04	RICK	END DATE 1	2/11/04	_GROUND SURFACE ELEVATION _GZA GEOENVIRONMENTAL REPRE			
		LEVEL DATA		2,10 0,112 1		TYPE OF DRILL RIG	Geoprobe 54LT		
	DATE	TIME	WATER	CASING	NOTES	CASING SIZE AND DIAMETER	2-inch diameter by 4	8-inches long	
			1			OVERBURDEN SAMPLING METH			-
			 			ROCK DRILLING METHOD	NA		***
			1			1		,	-
D									
E			SAMPLE	E		SAMPLE DESCR	RIPTION	NOTES	0
Р						Processes of the contract of t			V
Т	Sar	npie No.	DEPTH	RECO	OVERY	EL 1580mm			М
Н			(FT)		%)				(ppw)
		S-1	0-2		50	Concrete		•	13
1						FILL - Brown Sand, trace Gravel, m	noist.		
								Sewage odor	
2					50	Reddish brown Silty CLAY, trace S	and, trace Gravel,	observed.	2
_		S-2	2-4	<u> </u>	~	moist.			-
3						THE PROPERTY OF THE PROPERTY O			
4								1	
		S-3	4-6	1	00	-			2
5						-			
						gent action			
6									
		S-4	6-8	1	00	مان من المان المان المان المان المان المان المان المان المان المان المان المان المان المان المان المان المان ا المان المان المان المان المان المان المان المان المان المان المان المان المان المان المان المان المان المان ا			1
7									
			ļ			No.			
8		0.5	2.40		00				ND
		S-5	8 -10		00				1,45
9		·							
10			<u> </u>			en process			
		S-6	10 - 12.2	1	00				ND
11]			
						- Paragraphic Control of the Control			
12				<u></u>					
						Refusal at 12.2 feet bgs.			
13				 		-			
۱,,									Table 1
14			 	<u> </u>					
15									
								<u>'</u>	
16						Prince Control of the			
17							,		
								1	
18									
امدزا			 	<u> </u>					
19									
20						•			
-			<u> </u>				· · · · · · · · · · · · · · · · · · ·		
s-	Split Spc	on Sample		NOTES:	1) Hnu Pl-1	01 organic vapor meter used to	screen soil samp	les.	
					Meter was	calibrated to the equivalent of 5	58 ppm benzene in	air.	
	neral	1) Stratifica	ation lines	represent a	pproximate	boundry between soil types, tra	ansitions may be g	raqual.	
Not	es:								

Probe No.13 SHEET 1 OF 1 FILE No. 21.0056018.00 CHECKED BY :ERH

TAR D E P T H	RT DATE 12	2/11/04 EVEL DATA TIME		END DATE 1	2/11/04	GROUND SURFACE ELEVATION NA DATUM NA GZA GEOENVIRONMENTAL REPRESENTATIVE J. Beninati	
D E P	WATER LE	VEL DATA					
E P T			Lucaten	Comple 541T			
E P T	DATE	IIMC		CASING	NOTES	CASING SIZE AND DIAMETER 2-inch diameter by 48-inches long	
E P T			WATER	CASING	NOTES	OVERBURDEN SAMPLING METHOD Direct push	
E P T						ROCK DRILLING METHOD NA	
E P T					<u> </u>	TOOK DISEERS WELLINGS	
E P T			· ·				
P T				_		SAMPLE DESCRIPTION NOTES	ا ا
т [SAMPLE	•		SAMPLE DESCRIPTION	l v
- 1			T ======	750	0) (50) (- 	l N
H	Sam	ole No.	DEPTH	l .	OVERY		(pp
_			(FT)		(%)	Concrete	N
L		5-1	0-2		30		- '``
1						FILL - Brown Sand, trace Gravel, moist.	
L						-	l
2						-	N
ı	8	3-2	2-4		30	Grades to:trace Brick.	
3						<u> </u>	
						<u> </u>	ĺ
4						-	
		3-3	4-6		100]]
5						_	1
Γ							
6							
- [3-4	6-8		100	Dark brown Silty CLAY, trace Sand, trace Gravel,	- '
7						moist.	
1	,						
8							
		3-5	8 -10		100	Grades to:Reddish brown.	4
9							
ı						1 .	
10							
ı		3-6	10 - 12		100	7	1
11						7	·
						7	1
12			1			-	
-		S-7	12 - 14		100		1
13			 				
-~}						 	1
14				 		7	
		S-8	14 - 15.6		100	7	1
15		-	+	 		7	
			+			7	1
16			+	 		Refusal at 15.6 feet bgs.	
10			+	-		–	- 1
17		*		 		┥	1
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4.0			 	 		┥	
18			+			-	
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19				<u> </u>		-	
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20			 	ļ			
					45.11		
S - :	Split Spoo	on Sample)	NOTES:	1) Hnu Pl-	-101 organic vapor meter used to screen soil samples.	
				<u></u>	Meter was	s calibrated to the equivalent of 58 ppm benzene in air.	
Ger	neral	1) Stratific	ation lines	represent a	approximate	e boundry between soil types, transitions may be gradual.	

Probe No.14 SHEET 1 OF 1 FILE No. 21.0056018.00 CHECKED BY :ERH

	ITRACTOR			Environmental	Services		See Location Plan	A1A	_
	LER RT DATE	12/11/04	KICK	Rose END DATE 1	2/11/04	_GROUND SURFACE ELEVATION _ GZA GEOENVIRONMENTAL REPRE	NA DATUM	NA	-
317		LEVEL DATA	ļ	LIND DATE	₩ 1 I/U+	TYPE OF DRILL RIG	Geoprobe 54LT	reau .	
	DATE	TIME	WATER	CASING	NOTES	CASING SIZE AND DIAMETER	2-inch diameter by 4	IS-inches long	_
	DATE	I state	WATER	CACING	NOTES	OVERBURDEN SAMPLING METHO		to mones long	-
	·	· · · · · · · · · · · · · · · · · · ·				ROCK DRILLING METHOD	NA NA		-
			<u> </u>						_
D			<u> </u>	<u> </u>					
E			SAMPLE	•		SAMPLE DESCRI	IPTION	NOTES	0
Р									V
Т	Sar	npie No.	DEPTH	i .	OVERY				М
Н			(FT)		%)				(ppm)
		S-1	0-2		75	Concrete			ND
1			<u></u>			FILL - Gray Gravel (Subbase), moist			
	·					FILL - Dark brown Silty Clay, some S	Sand, some Gravel,		
. 2		S-2	2-4		75	trace Brick, moist. Reddish brown Silty CLAY, some Sa	and some Gravel		ND
3				<u>-</u>		moist.	and, conto cratti		"
						1			
4									
		S-3	4-6	1	00		•		ND
5									
6					00				
		S-4	6-8	1	00	1			ND
7						•			
8						•			
		S-5	8 -10.7		50	Grades to:trace Sand, trace Grave	el.		ND
9				***					
10								1	
11						Refusal at 10.7 feet bgs.			
12						Refusal at 10.7 leet bgs.			
12						1			
13									
				·			•		
14								1	
15						-		1	
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16						1			
17						İ			
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ارا	٠					-			
20						-			
	Split Spa	on Sample		NOTES:	1) Hnu DL1	I 01 organic vapor meter used to	screen soil samn	les.	
٦- ا	shiit sho		į		Meter was	calibrated to the equivalent of 5	8 ppm benzene in	ı air.	
Ger	neral	1) Stratifica	tion lines	represent a	pproximate	boundry between soil types, tra	nsitions may be g	radual.	
Not		,		•	-				
ŀ									

Probe No.15 SHEET 1 OF 1 FILE No. 21.0056018.00 CHECKED BY :ERH

	TRACTOR	.		Environmental	Services	BORING LOCATION See Location Plan GROUND SURFACE ELEVATION NA DATUM	NA	-
	LER		Rick			0,100,12 00,11,10======		
STA	RT DATE			END DATE 1	2/11/04	GZA GEOENVIRONMENTAL REPRESENTATIVE J. Benina	ıtı	
	WATER	LEVEL DATA				TYPE OF DRILL RIG Geoprobe 54LT) inches long	_
	DATE	TIME	WATER	CASING	NOTES	CASING SIZE AND DIAMETER 2-inch diameter by 48	s-inches long	
ļ						OVERBURDEN SAMPLING METHOD Direct push		_
						ROCK DRILLING METHOD NA NA	<u> </u>	
D							NOTES	
E			SAMPLE			SAMPLE DESCRIPTION	NOTES	O V
Р							1	M
T	Sar	mple No.	DEPTH		OVERY		ļ.	1
Н			(FT)		(%)			(ppm) ND
		S-1	0-2		75	Concrete		ND.
1						FILL - Gray Gravel, (Subbase), moist.	Burnerst adar	- [
						FILL - Dark brown Silty Clay, some Sand, some Gravel,	Pungent odor	
2						trace Brick, moist.	observed.	ND
		S-2	2-4		75	Reddish brown Silty CLAY, trace Sand, trace Gravel,		""
3						moist.		
						4		
4						4		ND
		S-3	4-6		100	4		1.00
5						4	Pungent odor	
						_	observed.	
6							observed.	ND
		S-4	6-8		100	Grades to:Reddish gray		'
7						_	·]	
						_	· ·	ł
8						-	1	ND
		S-5	8 - 10		90	- ∤		"
9						4		
			<u> </u>			4		
10	` <u> </u>		40 44 0		90	Grades to:Reddish brown.		1
	ļ	S-6	10 - 11.6		90	Grades toReddish brown.		
11						-	,	
١	<u> </u>		_			Refusal at 11.6 feet bgs.		
12	<u></u>			ļ		Rejusar at 11.0 leet bys.		
١						-		ŀ
13	`			<u> </u>		┥		
١.,	.			 		┥		
14	 			 		-∤		
4.5						┥		
15	<u>'</u>			 		┥		
16	<u></u>			 		╡		
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i '`	 		 			7		
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 	 		 			-		1
6	Split Sa	oon Sample		NOTES:	1) Hnu Pl	101 organic vapor meter used to screen soil samp	les.	
ľ	- ahiir ab	oon cample	5	110120.	Meter was	s calibrated to the equivalent of 58 ppm benzene in	air.	
Ge	neral	1) Stratific	ration lines	represent :	approximate	e boundry between soil types, transitions may be g	radual.	
	ites:	i) Suaulik		, aprocent	~bb. ~			
1.40								

Probe No.15
SHEET 1 OF 1
FILE No. 21.0056018.00
CHECKED BY :ERH

CON	TRACTOR LER	}		Environmental Rose	Services	BORING LOCATION GROUND SURFACE ELEVATION	See Location Plan NA DATUM	NA	
	RT DATE	12/11/04	THON	END DATE 1	2/11/04	GZA GEOENVIRONMENTAL REPR			•
		LEVEL DATA				TYPE OF DRILL RIG	Geoprobe 54LT		
	DATE	TIME	WATER	CASING	NOTES	CASING SIZE AND DIAMETER	2-inch diameter by 48	-inches long	•
				0		OVERBURDEN SAMPLING METI			•
						ROCK DRILLING METHOD	NA		•
									•
D			<u> </u>		<u> </u>				
E			SAMPLE	≡		SAMPLE DESCI	RIPTION	NOTES	o`
P			-			4 77	· · · · · · · · · · · · · · · · · · ·		٧
Т	Sar	nple No.	DEPTH	RECO	OVERY	7 - Andrews			М
Н			(FT)	(%)				(sppm)
		S-1	0-2		0	Concrete			
1						FILL - Gray Gravel, moist.			
Ì						- Control of the Cont			
2			***************************************						
		S-2	2-4		0			,	
3									
4									
		S-3	4 - 7.3		5	Grades to:wet.		<u></u>	10
5			1					Pungent odor observed.	
			ļ					observed.	
6									
			ļ						
7			ļ			OR THE PROPERTY OF THE PROPERT			
						Refusal at 7.3 feet bgs.	· · · · · · · · · · · · · · · · · · ·	4	
8				<u> </u>		Reiusal at 7.5 leet bys.		İ	
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10						1			
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12] .			
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						4			1.
15						4			
			<u> </u>	1		4		1	
16			ļ	<u> </u>		4			
			 			-			
17				 		†			
18				 		1			
10				1		1	•		
19			†			-			
l									
20									
s-	Split Sp	oon Sample		NOTES:	1) Hnu Pl-1	01 organic vapor meter used t	o screen soil sample	es.	
L				<u></u>	Meter was	calibrated to the equivalent of	58 ppm benzene in	aif.	
	neral	1) Stratifica	ation lines	represent a	approximate	boundry between soil types, to	ransitions may be gr	auudi.	
No	es:								1

Probe No.17 SHEET 1 OF 1 FILE No. 21.0056018.00 CHECKED BY :ERH

WATER DATE	IZ/11/04 EVEL DATA TIME Inple No. S-1	SAMPLE DEPTH (FT) 0-2	CASING RECO	2/11/04 NOTES	GROUND SURFACE ELEVATION GZA GEOENVIRONMENTAL REPRES TYPE OF DRILL RIG CASING SIZE AND DIAMETER OVERBURDEN SAMPLING METHOD SAMPLE DESCRIF	Geoprobe 54LT 2-inch diameter by 4i D Direct push NA		
WATER DATE	TIME nple No. S-1	SAMPLE DEPTH (FT)	CASING	NOTES	TYPE OF DRILL RIG CASING SIZE AND DIAMETER OVERBURDEN SAMPLING METHO ROCK DRILLING METHOD	Geoprobe 54LT 2-inch diameter by 4i D Direct push NA	8-inches long	
DATE	TIME	SAMPLE DEPTH (FT)	: REC		CASING SIZE AND DIAMETER OVERBURDEN SAMPLING METHO ROCK DRILLING METHOD	2-inch diameter by 4i D Direct push NA		_ _ _
	nple No. S-1	SAMPLE DEPTH (FT)	: REC		OVERBURDEN SAMPLING METHO ROCK DRILLING METHOD	D Direct push NA		_ _ T
Sar	S-1	DEPTH (FT)	REC	OVERY	ROCK DRILLING METHOD	NA	NOTES	_
Sar	S-1	DEPTH (FT)	REC	OVERY	SAMPLE DESCRI	PTION	NOTES	
Sar	S-1	DEPTH (FT)	REC	OVERY	SAMPLE DESCRI	PTION	NOTES	
Sar	S-1	DEPTH (FT)	REC	OVERY				- (
Sar	S-1	(FT)		OVERY				'
	S-1		(7			
		0-2		(%)				6
	S-2			50	Concrete			
	S-2				FILL - Black Sand and Gravel, trace	Brick, moist.		
	S-2							
	S-2				<u> </u>		Pungent odor	
		2-4		50	FILL - Dark brown Silty Clay, some S	Sand, some Gravel,	observed.	١
					trace Brick, moist.			ı
					_			
					_	•		1.
	S-3	4-6		100	4			١
					Brown Silty CLAY, some Sand, some	e Gravel, moist.	Pungent odor	
					_		observed.	١.
	S-4	6-8		100	-∤			1
		<u> </u>			4	2 4		-
					4			
					4			١.
	S-5	8 -11		75	Grades to:Reddish brown.			
					4			
					4			
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		<u> </u>			-			-
		<u> </u>			Defined at 11 feet has		-	-
		 			Refusal at 11 leet bgs.			
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nlit Sno	on Sample	<u> </u>	NOTES:	1) Hnu Pl-	101 organic vapor meter used to	screen soil samo	les.	
hur oh	on cample	•						
	1) Stratifica	ation lines	represent s					
	olit Spo		olit Spoon Sample	·	Meter was	Meter was calibrated to the equivalent of 5	olit Spoon Sample NOTES: 1) Hnu Pl-101 organic vapor meter used to screen soil sample Meter was calibrated to the equivalent of 58 ppm benzene in	blit Spoon Sample NOTES: 1) Hnu Pl-101 organic vapor meter used to screen soil samples. Meter was calibrated to the equivalent of 58 ppm benzene in air.

Probe No.18 SHEET 1 OF 1 FILE No. 21.0056018.00 CHECKED BY :ERH

•	TRACTOR			Environmental	Services	BORING LOCATION	See Location Plan		
	LER		Rick	Rose	04425	GROUND SURFACE ELEVATION	NA DATUM	NA	-1
STA	RT DATE			END DATE 1	2/11/04	GZA GEOENVIRONMENTAL REPRI		ati	
		LEVEL DATA				TYPE OF DRILL RIG	Geoprobe 54LT		-te-fa
J	DATE	TIME	WATER	CASING	NOTES	CASING SIZE AND DIAMETER	2-inch diameter by 4	8-inches long	***
						OVERBURDEN SAMPLING METH		· · · · · · · · · · · · · · · · · · ·	
				<u> </u>		ROCK DRILLING METHOD	NA		
				<u> </u>					
D		, , , ,				`			ļ
Ε			SAMPLE	=		SAMPLE DESCR	RIPTION	NOTES	0
Р							•		V
Т	Sar	nple No.	DEPTH		OVERY				М
Η			(FT)		%)				(ppm)
		S-1	0 - 4.4	,	30	Concrete			ND
1						FILL - Black Gravel, some Sand, tr	ace Brick, moist.		
	*****							I .	
2			<u> </u>			FILL - Dark brown Silty Clay, some	Sand, some , Gravel,		
						moist.			
3	· · · · · ·		<u> </u>			4			
			-			4			
4			 			-			
ا ا			· ·			Particulat A A fact has		4	
5			 	 		Refusal at 4.4 feet bgs.			
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19			+			1			
l '°			-	 		1			
20			+			1 .			
			<u> </u>		· · · · · · · · · · · · · · · · · · ·			1	
s -	Split Spo	on Sample)	NOTES:	1) Hnu PI-1	01 organic vapor meter used to	o screen soil sampl	es.	
	JP.II. OPI			Į.	Meter was	calibrated to the equivalent of	58 ppm benzene in	air.	
Gei	neral	1) Stratific	ation lines	represent a	pproximate	boundry between soil types, tr	ansitions may be g	radual.	
Not		•							
i									

Probe No.19 SHEET 1 OF 1 FILE No. 21.0056018.00 CHECKED BY :ERH

CON	TRACTOR	}	SLC	Environmental	Services		See Location Plan	NIA	
DRIL	LER		Rick			GROUND SURFACE ELEVATION	NA DATUM	NA NA	_
ATE	RT DATE	12/11/04		END DATE 1	12/11/04	GZA GEOENVIRONMENTAL REPRES		ıu	
	WATER	LEVEL DATA				TYPE OF DRILL RIG	Geoprobe 54LT		
- 1	DATE	TIME	WATER	CASING	NOTES	CASING SIZE AND DIAMETER	2-inch diameter by 48	3-inches long	
						OVERBURDEN SAMPLING METHO	DD Direct push		
ļ						ROCK DRILLING METHOD	NA		
ı									
D				<u> </u>					
E			SAMPLE	:		SAMPLE DESCRI	PTION	NOTES	0
P			O/ U/II	-					V
т	Sar	mpie No.	DEPTH	REC	OVERY	•			М
	Sai	ripie (40.	(FT)		(%)			1	(ppm)
Н		5.4			50	Concrete.			1
		S-1	0-2		50	FILL - Brown Gravel, some Sand, tra	oo Brick moiet		1
1		·····				FILE - Drown Graver, some Sand, us	ace brick, mose ,		1
				ļ		4		1	
2							tones Consol trace		ND
		S-2	2-4		50	FILL - Dark brown, Silt, some Sand,	uace Giavei, liace		""
3						Brick, moist.			
						4	•	1	
4								· ·	ND
		S-3	4-6		75	FILL - Dark brown Silty Clay, trace S	Sand, trace Gravel,		ND
5						trace Brick, moist.			- 1
					,				ŀ
6									
		S-4	6-8		75	Dark brown Silty CLAY, trace Sand,	trace Gravel, moist.		NE
7		· · · · · · · · · · · · · · · · · · ·							1
ĺ						1			
8					······································	1			
٦		S-5	8 -10.2		100	7			ND
9			+			-			
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10						†		i	1
10			 	 		Refusal at 10.2 feet bgs.		7	1
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12						╡			
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ď	Split Sn	oon Sample		NOTES:	1) Hnu PL	101 organic vapor meter used to	screen soil samp	les.	
ا ا	ohiir ob	oon sample	3	NOTES.	Meter wee	calibrated to the equivalent of 5	58 nom henzene ir	air.	
_	nore!	4) Cttiff-	otion lines	ropresent	annovimet	boundry between soil types, tra	ensitions may be o	radual.	
	neral	i) Suamic	auon iines	represent	ahhinyiiiigit	s boundly between son types, ne	andidate may be g		
INIT	tes:								

Probe No.20 SHEET 1 OF 1 FILE No. 21.0056018.00 CHECKED BY :ERH

CON DRIL	TRACTOR			Environmental Rose	Services	BORING LOCATION GROUND SURFACE ELEVATION	See Location Plan NA DATUM	NA	-
	RT DATE	12/11/04	NOR	END DATE 1	2/11/04	GZA GEOENVIRONMENTAL REPRE			-
		LEVEL DATA				TYPE OF DRILL RIG	Geoprobe 54LT		
	DATE	TIME	WATER	CASING	NOTES	CASING SIZE AND DIAMETER	2-inch diameter by 4	8-inches long	-
						OVERBURDEN SAMPLING METH			-
						ROCK DRILLING METHOD	NA		
									_
D									
Ε			SAMPLE	•		SAMPLE DESCR	IPTION	NOTES	0
Р									V
Т	Sar	nple No.	DEPTH	1	OVERY	ZNETH GA			М
Н			(FT)	(1	%)				(ppm)
		S-1	0-2			Concrete			ND
1						FILL - Dark brown Silty Clay, some	Sand, some Gravel,		
						trace Brick, moist.			
2		S-2	2-4			Reddish brown Silfy CLAY, trace Sa	and, trace Gravel		ND
3		<u></u>				moist.			'
			<u> </u>			equations		,	
4			ļ				•		
		S-3	4-7			-			ND
5						· ·		1	
						· ·			
6						-erranage			
						cray		-	
7								- · .	
						Refusal at 7 feet bgs.			
8									
9			ļ						
3									
10									
11						giran	•		
12						nd de la companya de la companya de la companya de la companya de la companya de la companya de la companya de			
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						Province to the state of the st			
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s -	Split Spr	on Sample	<u> </u>	NOTES:	1) Hnu PI-1	01 organic vapor meter used to	screen soil sampl	es.	
ľ	-p opv			,	Meter was	calibrated to the equivalent of 5	68 ppm benzene in	air.	
	neral	1) Stratifica	ation lines	represent a	pproximate	boundry between soil types, tra	ansitions may be g	radual.	
Not	es:								
ŀ									

Probe No.21 SHEET 1 OF 1 FILE No. 21.0056018.00 CHECKED BY :ERH

	TRACTOR			Environmental Biobas	Services	BORING LOCATION See Location Plan GROUND SURFACE ELEVATION NA DATUM	NA	
	LER	10/11/04		Bieber END DATE 1	2/11/04	GZA GEOENVIRONMENTAL REPRESENTATIVE D. Tro	у	
IAI	RT DATE 1			ENDUALE	27170-1	TYPE OF DRILL RIG Geoprobe 54LT		
- }		LEVEL DATA	Lunzen	CASING	NOTES	CASING SIZE AND DIAMETER 2-inch diameter by	48-inches long	
ŀ	DATE	TIME	WATER	CASING	NOTES	OVERBURDEN SAMPLING METHOD Direct push		_
١						ROCK DRILLING METHOD NA		
- 1					<u> </u>	ROCK DRILLING METHOD 144		
					<u> </u>			
D							NOTES	
E		•	SAMPLE	•		SAMPLE DESCRIPTION	NOTES	١٧
P						· ·		1 .
т [San	npie No.	DEPTH	REC	OVERY			М
н			(FT)	((%)			(pper
\Box		S-1	0-2		70	Concrete (6 inches)		NE
1						FILL - Gray Gravel, some Sand, little Silt, trace Brick,		
- 1						moist (Subbase).		ı
2								<u> </u>
- 1		S-2	2-4		70			NE
3						FILL - Dark brown Silty Clay, some Sand, little Gravel,		
						trace Brick, moist.		
4						Dark brown Silty CLAY, some Sand, little Gravel, moist.		
		S-3	4-6		60	· ·		N
5]		j
Ĭ	***					1		
6			†			Grades to:Dark brown/gray.	Pungent odor	-
		S-4	6-8		60	1	observed.	N
7			 			· ·		
	 		 			1		1
8			1			-1		1
0		S-5	8 -10		75	†		N
9			1			1		
9		····	 			┪.		ŀ
40				 		1		- 1
10		S-6	10 - 10.5		75	┪		N
			10 - 10.0			Refusal at 10.5 feet bgs.		
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18						_		
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						.		
20								-
								L
s -	Split Sp	oon Sample)	NOTES:		101 organic vapor meter used to screen soil sam		
	•			1	Meter was	calibrated to the equivalent of 58 ppm benzene	in air.	
$\overline{\overline{}}$	neral	1) Stratific	ation lines	represent	approximate	boundry between soil types, transitions may be	gradual.	
GE.		,		•				

APPENDIX C LABORATORY ANALYTICAL REPORT

Date: 17-Dec-04

CLIENT: Lab Order:

GZA Geo Environmental

U0412247

Project:

Curtis Screw

Lab ID:

U0412247-001

Client Sample ID: Sump 1

Collection Date: 12/11/2004 10:00:00 AM

Matrix: WATER

Analyses	Result	Limit Qual	Units	DF	Date Analyzed
POLYCHLORINATED BIPHENYLS	N WASTEWAT	SW8082	(SW3	510B)	Analyst: BW
Aroclor 1016	ND	0.050	μg/L	1	12/15/2004
Aroclor 1221	ND	0.050	μg/L	1	12/15/2004
Aroclor 1232	ND	0.050	μg/L	1	12/15/2004
Aroclor 1242	ND	0.050	μg/L	1	12/15/2004
Aroclor 1248	ND	0.050	μg/L	1	12/15/2004
Aroclor 1254	ND	0.050	μg/L	1	12/15/2004
Aroclor 1260	ND	0.050	μg/L	1	12/15/2004
NOTES:					
No arochlor pattern is present.					
ICP METALS, TOTALS		E200.7	(E200).7)	Analyst: LJ
Arsenic*	ND	0.010	mg/L	1	12/15/2004 1:35:13 PM
Barium	ND .	0.30	mg/L	1	12/15/2004 11:42:59 AM
Cadmium	ND	0.005	mg/L	1	12/15/2004 11:42:59 AM
Chromium	ND	0.050	mg/L	1	12/15/2004 11:42:59 AM
Lead	ND	0.10	mg/L	1	12/15/2004 11:42:59 AM
Selenium*	0.032	0.005	mg/L	1	12/15/2004 1:35:13 PM
Silver	ND	0.050	mg/L	1	12/15/2004 11:42:59 AM
TOTAL MERCURY WATERS		E245.2	(E245	.2)	Analyst: LJ
Mercury	ND	0.0004	mg/L `	1	12/15/2004 11:51:33 AM
BASE/NEUTRAL-SEMIVOLATILE O	RGANICS	SW8270C	(SW3	510)	Analyst: KL
1,2,4-Trichlorobenzene	ND	5.0	μg/L	1	12/15/2004 2:05:00 PM
1,2-Dichlorobenzene	ND	5.0	μg/L	1	12/15/2004 2:05:00 PM
1,3-Dichlorobenzene	ND	5.0	μg/L	1	12/15/2004 2:05:00 PM
1,4-Dichlorobenzene	ND	5.0	µg/L	1	12/15/2004 2:05:00 PM
2,4-Dinitrotoluene	ND	5.0	μg/L	1	12/15/2004 2:05:00 PM
2,6-Dinitrotoluene	ND	5.0	μg/L	1	12/15/2004 2:05:00 PM
2-Chloronaphthalene	ND	5.0	μg/L	1	12/15/2004 2:05:00 PM
2-Methylnaphthalene	ND	5.0	μg/L	1	12/15/2004 2:05:00 PM
2-Nitroaniline	ND	50	μg/L	1	12/15/2004 2:05:00 PM
3,3'-Dichlorobenzidine	ND	5.0	μg/L	1	12/15/2004 2:05:00 PM
3-Nitroaniline	ND	50	μg/L	1	12/15/2004 2:05:00 PM
4-Bromophenyl phenyl ether	ND	5.0	μg/L	1	12/15/2004 2:05:00 PM
4-Chloroaniline	ND	5.0	μg/L	1	12/15/2004 2:05:00 PM
4-Chlorophenyl phenyl ether	ND	5.0	μg/L	1	12/15/2004 2:05:00 PM
4-Nitroaniline	ND	50	µg/L	1	12/15/2004 2:05:00 PM
Acenaphthene	ND	5.0	μg/L	1	12/15/2004 2:05:00 PM

Approved By:

Low Level Qualifiers:

- Analyte detected in the associated Method Blank
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

Date:

Page 1 of 46

- Value exceeds Maximum Contaminant Value
- Value above quantitation range Е
- Analyte detected below quantitation limits
- Spike Recovery outside accepted recovery limits

Date: 17-Dec-04

CLIENT:

GZA Geo Environmental

Lab Order:

U0412247

Project:

Curtis Screw

Lab ID:

U0412247-001

Client Sample ID: Sump 1

Collection Date: 12/11/2004 10:00:00 AM

Matrix: WATER

Analyses	Result	Limit Qual	Units	DF	Date Analyzed
BASE/NEUTRAL-SEMIVOLATILE C	RGANICS	SW8270C	(SW3	510)	Analyst: KL
Anthracene	ND	5.0	μg/L	1 .	12/15/2004 2:05:00 PM
Benz(a)anthracene	ND	5.0	µg/L	1	12/15/2004 2:05:00 PM
Benzo(a)pyrene	ND	5.0	μg/L	1	12/15/2004 2:05:00 PM
Benzo(b)fluoranthene	ND	5.0	μg/L	1	12/15/2004 2:05:00 PM
Benzo(g,h,i)perylene	ND	5.0	μg/L	1	12/15/2004 2:05:00 PM
Benzo(k)fluoranthene	ND	5.0	µg/L	1	12/15/2004 2:05:00 PM
Bis(2-chloroethoxy)methane	ND	5.0	μg/L	1	12/15/2004 2:05:00 PM
Bis(2-chloroethyl)ether	ND	5.0	µg/L	1	12/15/2004 2:05:00 PM
Bis(2-chloroisopropyl)ether	ND	5.0	μg/L	1	12/15/2004 2:05:00 PM
Bis(2-ethylhexyl)phthalate	ND	5.0	μg/L	1	12/15/2004 2:05:00 PM
Butyl benzyl phthalate	ND	5.0	µg/L	1	12/15/2004 2:05:00 PM
Carbazole	ND	5.0	μg/L	1	12/15/2004 2:05:00 PM
Chrysene	ND	5.0	μg/L	1	12/15/2004 2:05:00 PM
Di-n-butyl phthalate	ND	5.0	μg/L	1	12/15/2004 2:05:00 PM
Di-n-octyl phthalate	ND	5.0	μg/L	1	12/15/2004 2:05:00 PM
Dibenz(a,h)anthracene	ND	5.0	μg/L	1	12/15/2004 2:05:00 PM
Dibenzofuran	ND	5.0	μg/L	1	12/15/2004 2:05:00 PM
Diethyl phthalate	ND	5.0	μg/L	1	12/15/2004 2:05:00 PM
Dimethyl phthalate	ND	5.0	μg/L	1	12/15/2004 2:05:00 PM
Fluoranthene	ND	5.0	μg/L	1	12/15/2004 2:05:00 PM
Fluorene	ND	5.0	μg/L	1	12/15/2004 2:05:00 PM
Hexachlorobenzene	ND	5.0	μg/L	1	12/15/2004 2:05:00 PM
Hexachlorobutadiene	ND	5.0	µg/L	1	12/15/2004 2:05:00 PM
Hexachlorocyclopentadiene	ND	5.0	μg/L	1	12/15/2004 2:05:00 PM
Hexachloroethane	ND	5.0	μg/L	1	12/15/2004 2:05:00 PM
Indeno(1,2,3-cd)pyrene	ND	5.0	μg/L	1	12/15/2004 2:05:00 PM
Isophorone	ND	5.0	μg/L	1	12/15/2004 2:05:00 PM
N-Nitrosodi-n-propylamine	ND	5.0	μg/L	1	12/15/2004 2:05:00 PM
N-Nitrosodiphenylamine	ND	5.0	μg/L	1	12/15/2004 2:05:00 PM
Naphthalene	ND	5.0	μg/L	1	12/15/2004 2:05:00 PM
Nitrobenzene	ND	5.0	μg/L	1	12/15/2004 2:05:00 PM
Phenanthrene	ND	5.0	μg/L	1	12/15/2004 2:05:00 PM
Pyrene	ND	5.0	μg/L	1	12/15/2004 2:05:00 PM
•		SW8260E	!		Analyst: RS
TCL VOLATILE ORGANICS	ND	3.0	μg/L	1	12/14/2004 7:15:00 PM
1,1,1-Trichloroethane	ND ND	3.0	μg/L	1	12/14/2004 7:15:00 PM
1,1,2,2-Tetrachloroethane		3.0	μg/L	1	12/14/2004 7:15:00 PM
1,1,2-Trichloroethane	ND ND	3.0	μg/L	1	12/14/2004 7:15:00 PM
1,1-Dichloroethane	ND	3.0	hA.r	•	***************************************

Approved By:	Αr	mr	ove	he	Bv	:
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Qualifiers:

PF

Low Level

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

Date: 12-17-04

Page 2 of 46

- ** Value exceeds Maximum Contaminant Value
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

Date: 17-Dec-04

CLIENT:

GZA Geo Environmental

Lab Order:

U0412247

Project:

Curtis Screw

Lab ID:

U0412247-001

Client Sample ID: Sump 1

Collection Date: 12/11/2004 10:00:00 AM

Matrix: WATER

Analyses	Result	Limit Q	ual Units	DF	Date Analyzed
TCL VOLATILE ORGANICS		SW8260	В		Analyst: RS
1,1-Dichloroethene	ND	3.0	μg/L	1	12/14/2004 7:15:00 PM
1,2-Dichloroethane	ND	3.0	μg/L	1	12/14/2004 7:15:00 PM
1,2-Dichloropropane	ND	3.0	μg/L	1	12/14/2004 7:15:00 PM
2-Butanone	ND	10	μg/L	1	12/14/2004 7:15:00 PM
2-Hexanone	, ND	10	μg/L	1	12/14/2004 7:15:00 PM
4-Methyl-2-pentanone	ND	10	μg/L	1	12/14/2004 7:15:00 PM
Acetone	ND	10	μg/L	1	12/14/2004 7:15:00 PM
Benzene	ND	3.0	μg/L	1	12/14/2004 7:15:00 PM
Bromodichloromethane	ND	3.0	μg/L	1	12/14/2004 7:15:00 PM
Bromoform	ND	3.0	μg/L	1	12/14/2004 7:15:00 PM
Bromomethane	ND	3.0	μg/L	1	12/14/2004 7:15:00 PM
Carbon disulfide	ND	3.0	μg/L	1	12/14/2004 7:15:00 PM
Carbon tetrachloride	ND	3.0	μg/L	` 1	12/14/2004 7:15:00 PM
Chlorobenzene	ND	3.0	μg/L	1	12/14/2004 7:15:00 PM
Chloroethane	ND	3.0	μg/L	1	12/14/2004 7:15:00 PM
Chloroform	ND	3.0	μg/L	1	12/14/2004 7:15:00 PM
Chloromethane	ND	3.0	μg/L	1	12/14/2004 7:15:00 PM
cis-1,2-Dichloroethene	ND	3.0	μg/L	1	12/14/2004 7:15:00 PM
cis-1,3-Dichloropropene	ND	3.0	μg/L	1	12/14/2004 7:15:00 PM
Dibromochloromethane	ND	3.0	μg/L	1	12/14/2004 7:15:00 PM
Ethylbenzene	ND	3.0	μg/L	1	12/14/2004 7:15:00 PM
m,p-Xylene	ND	3.0	μg/L	1	12/14/2004 7:15:00 PM
Methylene chloride	ND	3.0	μg/L	1	12/14/2004 7:15:00 PM
o-Xylene	ND	3.0	μg/L	1	12/14/2004 7:15:00 PM
Styrene	ND	3.0	μg/L	1	12/14/2004 7:15:00 PM
Tetrachloroethene	· ND	3.0	μg/L	1	12/14/2004 7:15:00 PM
Toluene	ND	3.0	μg/L	1	12/14/2004 7:15:00 PM
trans-1,2-Dichloroethene	ND	3.0	μg/L	1	12/14/2004 7:15:00 PM
trans-1,3-Dichloropropene	ND	3.0	μg/L	1	12/14/2004 7:15:00 PM
Trichloroethene	ND	3.0	μg/L	1	12/14/2004 7:15:00 PM
Vinyl chloride	ND	2.0	μg/L	1	12/14/2004 7:15:00 PM

Approved By: PL

Qualifiers:

- Low Level
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

Date: 12-17-04

Page 3 of 46

- Value exceeds Maximum Contaminant Value
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

Date: 17-Dec-04

CLIENT:

GZA Geo Environmental

Lab Order:

U0412247

Client Sample ID: Sump 2

Collection Date: 12/11/2004 10:15:00 AM

Project: Lab ID:

Curtis Screw

U0412247-002

Matrix: WATER

POLYCHLORINATED BIPHENYLS IN WASTEWA Aroclor 1016 NE Aroclor 1221 NE Aroclor 1232 NE Aroclor 1242 NE Aroclor 1248 NE Aroclor 1254 NE Aroclor 1260 NE NOTES: No arochlor pattern is present. ICP METALS, TOTALS Arsenic* 0.014 Barium NE Cadmium NE Cadmium NE Cadmium NE Chromium NE Selenium* 0.04 Selenium* 0.04 Silver NE TOTAL MERCURY WATERS Mercury NE BASE/NEUTRAL-SEMIVOLATILE ORGANICS 1,2,4-Trichlorobenzene NE	0.056 0.056 0.056 0.056 0.056 0.056 0.056	0 0 0 0 0 0 0	(SW: µg/L µg/L µg/L µg/L µg/L µg/L	3510B) 1 1 1 1 1 1 1	Analyst: BW 12/15/2004 12/15/2004 12/15/2004 12/15/2004 12/15/2004 12/15/2004 12/15/2004 Analyst: LJ
Aroclor 1016 Aroclor 1221 Aroclor 1232 Aroclor 1242 Aroclor 1248 Aroclor 1254 Aroclor 1260 NOTES: No arochlor pattern is present. ICP METALS, TOTALS Arsenic* Barium Cadmium Chromium Lead Selenium* Silver TOTAL MERCURY WATERS Mercury BASE/NEUTRAL-SEMIVOLATILE ORGANICS 1,2,4-Trichlorobenzene NE NE NE NE NE NE NE NE NE NE NE NE NE	0.056 0.056 0.056 0.056 0.056 0.056 0.056	0 0 0 0 0 0 0	µg/L µg/L µg/L µg/L µg/L	1 1 1 1 1	12/15/2004 12/15/2004 12/15/2004 12/15/2004 12/15/2004 12/15/2004
Aroclor 1232 NE Aroclor 1242 NE Aroclor 1248 NE Aroclor 1254 NE Aroclor 1260 NE NOTES: No arochlor pattern is present. ICP METALS, TOTALS Arsenic* 0.014 Barium NE Cadmium NE Chromium NE Chromium NE Lead 0.44 Selenium* 0.044 Silver NE TOTAL MERCURY WATERS Mercury NE BASE/NEUTRAL-SEMIVOLATILE ORGANICS 1,2,4-Trichlorobenzene NE	0.056 0.056 0.056 0.056 0.056	0 0 0 0 0 0	µg/L µg/L µg/L µg/L µg/L	1 1 1 1	12/15/2004 12/15/2004 12/15/2004 12/15/2004 12/15/2004
Aroclor 1242 Aroclor 1248 Aroclor 1254 Aroclor 1260 NOTES: No arochlor pattern is present. ICP METALS, TOTALS Arsenic* Barium Cadmium Chromium Lead Selenium* Siliver TOTAL MERCURY WATERS Mercury BASE/NEUTRAL-SEMIVOLATILE ORGANICS 1,2,4-Trichlorobenzene	0.056 0.056 0.056 0.056	0 0 0 0 0	µg/L µg/L µg/L µg/L	1 1 1 1	12/15/2004 12/15/2004 12/15/2004 12/15/2004
Aroclor 1248 Aroclor 1254 Aroclor 1260 NOTES: No arochlor pattern is present. ICP METALS, TOTALS Arsenic* Barium Cadmium Chromium Lead Selenium* Silver TOTAL MERCURY WATERS Mercury BASE/NEUTRAL-SEMIVOLATILE ORGANICS 1,2,4-Trichlorobenzene	0 0.056 0 0.056 0 0.056	0 0 0 2 00.7	µg/L µg/L	1 1 1	12/15/2004 12/15/2004 12/15/2004
Aroclor 1254 NE Aroclor 1260 NE NOTES: No arochlor pattern is present. ICP METALS, TOTALS Arsenic* 0.014 Barium NE Cadmium NE Chromium NE Lead 0.44 Selenium* 0.044 Silver NE TOTAL MERCURY WATERS Mercury NE BASE/NEUTRAL-SEMIVOLATILE ORGANICS 1,2,4-Trichlorobenzene NE	0.056 0.056 E 4 0.01	0 0 2 00.7	μg/L μg/L	1	12/15/2004 12/15/2004
Aroclor 1260 NE NOTES: No arochlor pattern is present. ICP METALS, TOTALS Arsenic* 0.014 Barium NE Cadmium NE Chromium NE Lead 0.44 Selenium* 0.044 Silver NE TOTAL MERCURY WATERS Mercury NE BASE/NEUTRAL-SEMIVOLATILE ORGANICS 1,2,4-Trichlorobenzene NE	0.056 E 4 0.01	0 200.7	μg/L	1	12/15/2004
NOTES: No arochlor pattern is present. ICP METALS, TOTALS Arsenic* Barium Cadmium Chromium Lead Selenium* Silver TOTAL MERCURY WATERS Mercury NI BASE/NEUTRAL-SEMIVOLATILE ORGANICS 1,2,4-Trichlorobenzene NI NI NI NI NI NI NI NI NI N	E 4 0.01	200.7		·	
No arochlor pattern is present. ICP METALS, TOTALS Arsenic* 0.014 Barium NE Cadmium NE Chromium NE Lead 0.44 Selenium* 0.044 Silver NE TOTAL MERCURY WATERS Mercury NE BASE/NEUTRAL-SEMIVOLATILE ORGANICS 1,2,4-Trichlorobenzene NE	0.01		(E20	n 7)	Analyst I I
ICP METALS, TOTALS	0.01		(E20	0.7)	Analyet: I I
Arsenic* 0.014 Barium NE Cadmium NE Chromium NE Lead 0.42 Selenium* 0.04 Silver NE TOTAL MERCURY WATERS Mercury NE BASE/NEUTRAL-SEMIVOLATILE ORGANICS 1,2,4-Trichlorobenzene NI	0.01		(E20	0.71	Analyst I I
Arsenic* 0.014 Barium NE Cadmium NE Chromium NE Lead 0.42 Selenium* 0.04 Silver NE TOTAL MERCURY WATERS Mercury NE BASE/NEUTRAL-SEMIVOLATILE ORGANICS 1,2,4-Trichlorobenzene NI		0		U.1 j	raidiyət. LU
Barium NE Cadmium NE Chromium NE Lead 0.44 Selenium* 0.04 Silver NE TOTAL MERCURY WATERS Mercury NE BASE/NEUTRAL-SEMIVOLATILE ORGANICS 1,2,4-Trichlorobenzene NE	0.3	-	mg/L	1	12/15/2004 1:46:08 PM
Chromium Lead 0.4: Selenium* 0.04: Silver NI TOTAL MERCURY WATERS Mercury NI BASE/NEUTRAL-SEMIVOLATILE ORGANICS 1,2,4-Trichlorobenzene NI		0	mg/L	1	12/15/2004 11:53:42 AM
Lead 0.42 Selenium* 0.04 Silver NI TOTAL MERCURY WATERS Mercury NI BASE/NEUTRAL-SEMIVOLATILE ORGANICS 1,2,4-Trichlorobenzene NI	0.00	5	mg/L	1	12/15/2004 11:53:42 AM
Selenium* 0.04 Silver NI TOTAL MERCURY WATERS Mercury NI BASE/NEUTRAL-SEMIVOLATILE ORGANICS 1,2,4-Trichlorobenzene NI	0.05	0	mg/L	1	12/15/2004 11:53:42 AM
Selenium* 0.04 Silver NE TOTAL MERCURY WATERS Mercury NE BASE/NEUTRAL-SEMIVOLATILE ORGANICS 1,2,4-Trichlorobenzene NI	2 0.1	0	mg/L	1	12/15/2004 11:53:42 AM
TOTAL MERCURY WATERS Mercury NI BASE/NEUTRAL-SEMIVOLATILE ORGANICS 1,2,4-Trichlorobenzene	5 0.00	5	mg/L	1	12/15/2004 1:46:08 PM
Mercury BASE/NEUTRAL-SEMIVOLATILE ORGANICS 1,2,4-Trichlorobenzene	0.05	0	mg/L	1	12/15/2004 11:53:42 AM
Mercury BASE/NEUTRAL-SEMIVOLATILE ORGANICS 1,2,4-Trichlorobenzene	E	245.2	(E24	5.2)	Analyst: LJ
1,2,4-Trichlorobenzene NI	0.000	4	mg/L	1	12/15/2004 11:52:34 AM
1,2,4-Trichlorobenzene NI	sv	V8270C	(SW	3510)	Analyst: KL
1,2,7 (110111010001120110			μg/L	1	12/15/2004 2:43:00 PM
		.0	μg/L	1	12/15/2004 2:43:00 PM
1,3-Dichlorobenzene NI			μg/L	1	12/15/2004 2:43:00 PM
1,4-Dichlorobenzene Ni	-	.0	µg/L	1	12/15/2004 2:43:00 PM
2.4-Dinitrotoluene	-	.0	μg/L	1	12/15/2004 2:43:00 PM
Z,T-Diriti dedicate		.0	μg/L	1	12/15/2004 2:43:00 PM
2,6-Dinitrotoluene Ni 2-Chloronaphthalene N		.0	µg/L	1	12/15/2004 2:43:00 PM
2-Official aprillations		.0	μg/L	1	12/15/2004 2:43:00 PM
2-Metrymaphinations		50	μg/L	1	12/15/2004 2:43:00 PM
2-1411-061111110	_	.0	μg/L	1	12/15/2004 2:43:00 PM
J,J -Digitioroponizatio		50	µg/L	1	12/15/2004 2:43:00 PM
3-14th Oat hime		5.0	μg/L	1	12/15/2004 2:43:00 PM
4-Diomophony phony outs	_	i.0	μg/L	1	12/15/2004 2:43:00 PM
4-01101041111116		5.0	μg/L	1	12/15/2004 2:43:00 PM
4-Officiophony phony outer	_	50	μg/L	1	12/15/2004 2:43:00 PM
7-1418 OSHIMIO	_	5.0	μg/L	1	12/15/2004 2:43:00 PM
Aceriapitulene		5.0	μg/L	1	12/15/2004 2:43:00 PM

Approved By:

Qualifiers:

Low Level

- Analyte detected in the associated Method Blank В
- Holding times for preparation or analysis exceeded Н
- Not Detected at the Reporting Limit ND

Date:

Page 4 of 46

- Value exceeds Maximum Contaminant Value
- E Value above quantitation range
- Analyte detected below quantitation limits
- Spike Recovery outside accepted recovery limits

Date: 17-Dec-04

CLIENT:

GZA Geo Environmental

Lab Order:

U0412247

Project:

Curtis Screw

Lab ID:

U0412247-002

Client Sample ID: Sump 2

Collection Date: 12/11/2004 10:15:00 AM

Matrix: WATER

Benz(a)anthracene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Benzo(a)pyrene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Benzo(b)fluoranthene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Benzo(g,h,i)perylene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Benzo(k)fluoranthene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Bis(2-chloroethoxy)methane ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Bis(2-chloroethyl)ether ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Bis(2-chloroisopropyl)ether ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Bis(2-ethylhexyl)phthalate ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Butyl benzyl phthalate ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Chrysene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM	Analyses	Result	Limit Qua	l Units	DF	Date Analyzed
Benz(a)anthracene	BASE/NEUTRAL-SEMIVOLATILE	ORGANICS	SW8270C	(SW351	0)	Analyst: KL
Benzo(a)pyrene	Anthracene	ND	5.0	μg/L	1	12/15/2004 2:43:00 PM
Benzo(gh.i)per/lene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM	Benz(a)anthracene	ND	5.0	μg/L	1	12/15/2004 2:43:00 PM
Benzo(g,h,i)perylene	Benzo(a)pyrene	ND	5.0	μg/L	1	12/15/2004 2:43:00 PM
Benzo(k)fluoranthene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Bis(2-chloroethoxy)methane ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Bis(2-chloroethy)ether ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Bis(2-chloroethy)ether ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Bis(2-chloroethy)ether ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Bis(2-chloroethy)ether ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Bis(2-chloroethy)ether ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Bis(2-chloroethy)ether ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Bis(2-chlyflexyf)phthalate ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Carbazole ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Chrysene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Di-n-octyl phthalate ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Di-n-octyl phthalate ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Di-n-octyl phthalate ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dibenz(a/n)anthracene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dibenz(a/n)anthracene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dimethyl phthalate ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dimethyl phthalate ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dimethyl phthalate ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dimethyl phthalate ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dimethyl phthalate ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dimethyl phthalate ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dimethyl phthalate ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dimethyl phthalate ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dimethyl phthalate ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dimethyl phthalate ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dimethyl phthalate ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dimethyl phthalate ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dimethyl phthalate ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dimethyl phthalate ND 5.0 µg/L 1 12/15/2004 2:43:00 PM	• •	ND	5.0	μg/L	1	12/15/2004 2:43:00 PM
Bis(2-chloroethoxy)methane ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Bis(2-chloroethy)lether ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Bis(2-chlorosethy)lether ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Bis(2-ethylhexy/)phthalate ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Bis(2-ethylhexy/)phthalate ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Butyl benzyl phthalate ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Carbazole ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Carbazole ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Chrysene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Di-n-butyl phthalate ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Di-n-butyl phthalate ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dibenzo(µa,h)anthracene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dibenzo(µa,h)anthracene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dibenzo(µa,h)anthracene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dibenzo(µa,h)anthracene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dibenzo(µa,h)anthracene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dibenzo(µa,h)anthracene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dibenzo(µa,h)anthracene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dibenzo(µa,h)anthracene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dibenzo(µa,h)anthracene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dibenzo(µa,h)anthracene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dibenzo(µa,h)anthracene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dibenzo(µa,h)anthracene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dibenzo(µa,h)anthracene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dibenzo(µa,h)anthracene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dibenzo(µa,h)anthracene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dibenzo(µa,h)anthracene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dibenzo(µa,h)anthracene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dibenzo(µa,h)anthracene ND 5.0 µg/L 1 12/15/2004 2:43:00 P		ND	5.0	μg/L	1	12/15/2004 2:43:00 PM
Bis(2-chloroethyl)ether ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Bis(2-chlorolsopropyl)ether ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Bis(2-ethylinexyl)phthalate ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Butyl benzyl phthalate ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Carbazole ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Chrysene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Di-n-butyl phthalate ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Di-n-cytyl phthalate ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dibenz(a,h)anthracene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dibenz(a,h)anthracene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dibenz(a,h)anthracene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dibenz(a,h)anthracene ND 5.0 <td>Benzo(k)fluoranthene</td> <td>ND</td> <td>5.0</td> <td>μg/L</td> <td>1</td> <td>12/15/2004 2:43:00 PM</td>	Benzo(k)fluoranthene	ND	5.0	μg/L	1	12/15/2004 2:43:00 PM
Bis(2-chlorolsopropyl)ether ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Bis(2-chlylhexyl)phthalate ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Bis(2-chlylhexyl)phthalate ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Carbazole ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Carbazole ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Chrysene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Di-n-butyl phthalate ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Di-n-butyl phthalate ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Di-n-butyl phthalate ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Dibenz(a,h)anthracene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Dibenz(a,h)anthracene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Dibenz(a,h)anthracene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Dibenz(a,h)anthracene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Dibenz(a,h)anthracene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Dibenz(a,h)anthracene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Dibenz(a,h)anthracene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Dibenz(a,h)anthracene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Dibenz(a,h)anthracene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Dibenz(a,h)anthracene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Dibenz(a,h)anthracene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Dibenz(a,h)anthracene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Dibenz(a,h)anthracene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Dibenz(a,h)anthracene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Dibenz(a,h)anthracene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Dibenz(a,h)anthracene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Dibenz(a,h)anthracene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Dibenz(a,h)anthracene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Dibenz(a,h)anthracene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Dibenz(a,h)anthracene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Dibenz(a,h)anthracene ND 5.0 μg	Bis(2-chloroethoxy)methane	ND	5.0	μg/L	1	12/15/2004 2:43:00 PM
Bis(2-ethylhexyl)phthalate	Bis(2-chloroethyl)ether	ND	5.0	μg/L	1	12/15/2004 2:43:00 PM
Butyl benzyl phthalate ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Carbazole ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Chrysene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Di-n-butyl phthalate ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Di-n-butyl phthalate ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Di-n-butyl phthalate ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dibenz(a,h)anthracene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dibenzofuran ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dibenzofuran ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dibethyl phthalate ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dibethyl phthalate ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dibethyl phthalate ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dibethyl phthalate ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Pluoranthene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Pluoranthene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Hexachlorobarzene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Hexachlorobutadiene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Hexachlorocyclopentadiene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Hexachlorocyclopentadiene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Hexachlorocyclopentadiene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Hexachlorocyclopentadiene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Nexachlorocyclopentadiene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Nexachlorocyclopentadiene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM No No 5.0 µg/L 1 12/15/2004 2:43:00 PM No No No 5.0 µg/L 1 12/15/2004 2:43:00 PM No No No No No No No No No N	Bis(2-chloroisopropyl)ether	ND	5.0	μg/L	1	12/15/2004 2:43:00 PM
Carbazole ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Chrysene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Di-n-butyl phthalate ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Di-n-butyl phthalate ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dibenz(a,h)anthracene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dibenz(a,h)anthracene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dibenzofuran ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dibenzofuran ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Diethyl phthalate ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Diethyl phthalate ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Fluoranthene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Fluoranthene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Fluoranthene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Hexachlorobenzene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Hexachlorobenzene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Hexachlorobenzene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Hexachlorobentane ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Hexachlorocyclopentadiene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Hexachlorocyclopentadiene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Nexachlorocethane ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Nexachlorocethane ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Nodenore ND 5.0 µg/L 1 1	Bis(2-ethylhexyl)phthalate	ND	5.0	μg/L	1	12/15/2004 2:43:00 PM
Chrysene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Di-n-butyl phthalate ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Di-n-butyl phthalate ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Di-n-butyl phthalate ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dibenz(a,h)anthracene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dibenz(a,h)anthracene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dibenz(a,h)anthracene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dibenz(a,h)anthracene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dibenz(a,h)anthracene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dimethyl phthalate ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dimethyl phthalate ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dimethyl phthalate ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dimethyl phthalate ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dimethyl phthalate ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dimethyl phthalate ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dimethyl phthalate ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dimethyl phthalate ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dimethyl phthalate ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dimethyl phthalate ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dimethyl phthalate ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dimethyl phthalate ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dimethyl phthalate ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dimethyl phthalate ND 5.0 µg/L 1 12/15/2004 2:43:00 PM N-Nitrosodi-n-propylamine ND 5.0 µg/L 1 12/15/2004 2:43:00 PM N-Nitrosodi-n-propylamine ND 5.0 µg/L 1 12/15/2004 2:43:00 PM N-Nitrosodi-n-propylamine ND 5.0 µg/L 1 12/15/2004 2:43:00 PM N-Nitrosodi-n-propylamine ND 5.0 µg/L 1 12/15/2004 2:43:00 PM N-Nitrosodi-n-propylamine ND 5.0 µg/L 1 12/15/2004 2:43:00 PM N-Nitrosodi-n-propylamine ND 5.0 µg/L 1 12/15/2004 2:43:00 PM N-Nitrosodi-n-propylamine ND 5.0 µg/L 1 12/15/2004 2:43:00 PM N-Nitrosodi-n-propylamine ND 5.0 µg/L 1 12/15/2004 2:43:00 PM N-Nitrosodi-n-propylamine ND 5.0 µg/L 1 12/15/2004 2:43:00 PM N-Nitrosodi-n-propylamine ND 5.0 µg/L 1 12/15/2004 2:43:00 PM N-Nitrosodi-n-propylamine ND 5.0 µg/L 1 12/15/2004 2:43:00 PM N-Nitrosodi-n-propylamine ND 5.0 µg/L 1 12/15/2004 2:43:00 PM N-Nitrosodi-n-propylamine	Butyl benzyl phthalate	ND	5.0	μg/ L	1	12/15/2004 2:43:00 PM
Di-n-butyl phthalate	Carbazole	ND	5.0	μg/L	1	12/15/2004 2:43:00 PM
Di-n-butyl phthalate ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Di-n-octyl phthalate ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dibenz(a,h)anthracene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dibenzofuran ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dibentyl phthalate ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Dimethyl phthalate ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Pluoranthene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Fluoranthene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Hexachloroberzene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Hexachlorocyclopentadiene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Hexachlorochane ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Hexachlorochane ND 5.0 µg/L <td< td=""><td>Chrysene</td><td>ND</td><td>5.0</td><td>μg/L</td><td>1</td><td>12/15/2004 2:43:00 PM</td></td<>	Chrysene	ND	5.0	μg/L	1	12/15/2004 2:43:00 PM
Dibenz(a,h)anthracene	Di-n-butyl phthalate	ND	5.0	μg/L	1	12/15/2004 2:43:00 PM
Dibenzofuran ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Diethyl phthalate ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Dimethyl phthalate ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Dimethyl phthalate ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Fluoranthene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Fluoranthene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Hexachlorobenzene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Hexachlorobutadiene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Hexachlorocyclopentadiene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Hexachlorocyclopentadiene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Hexachlorocyclopentadiene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Hexachlorocyclopentadiene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Indeno(1,2,3-cd)pyrene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Indeno(1,2,3-cd)pyrene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Indeno(1,2,3-cd)pyrene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Indeno(1,2,3-cd)pyrene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Indeno(1,2,3-cd)pyrene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Indeno(1,2,3-cd)pyrene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Indeno(1,2,3-cd)pyrene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Indeno(1,2,3-cd)pyrene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Indeno(1,2,3-cd)pyrene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Indeno(1,2,3-cd)pyrene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Indeno(1,2,3-cd)pyrene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Indeno(1,2,3-cd)pyrene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Indeno(1,2,3-cd)pyrene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Indeno(1,2,3-cd)pyrene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Indeno(1,2,3-cd)pyrene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Indeno(1,2,3-cd)pyrene ND 60 μg/L 20 12/14/2004 1:13:00 PM Indeno(1,2,3-cd)pyrene ND 12/14/2004 1:13:00 PM Indeno(1,2,3-cd)pyrene ND 12/14/2004	Di-n-octyl phthalate	ND	5.0	μg/L	1	12/15/2004 2:43:00 PM
Diethyl phthalate	Dibenz(a,h)anthracene	ND	5.0	μg/L	1	12/15/2004 2:43:00 PM
Dimethyl phthalate ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Fluoranthene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Fluorene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Fluorene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Hexachlorobenzene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Hexachlorobutadiene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Hexachlorocyclopentadiene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Hexachlorocyclopentadiene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Hexachlorocyclopentadiene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Indeno(1,2,3-cd)pyrene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Isophorone ND 5.0 µg/L 1 12/15/2004 2:43:00 PM N-Nitrosodi-n-propylamine ND 5.0 µg/L 1 12/15/2004 2:43:00 PM N-Nitrosodi-n-propylamine ND 5.0 µg/L 1 12/15/2004 2:43:00 PM N-Nitrosodiphenylamine ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Naphthalene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Nitrobenzene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Phenanthrene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Pyrene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Pyrene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM ND 5.0 µg/L 1 12/15/2004 2:	Dibenzofuran	ND	5.0	μg/L	1	12/15/2004 2:43:00 PM
Dimethyl phthalate ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Fluoranthene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Fluorene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Hexachlorobenzene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Hexachlorobutadiene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Hexachlorocyclopentadiene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Indentificatione ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Nobitopencie ND 5.0 <td< td=""><td>Diethyl phthalate</td><td>ND</td><td>5.0</td><td>μg/L</td><td>1</td><td>12/15/2004 2:43:00 PM</td></td<>	Diethyl phthalate	ND	5.0	μg/L	1	12/15/2004 2:43:00 PM
Fluorene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Hexachlorobenzene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Hexachlorobenzene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Hexachlorocyclopentadiene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Hexachlorocyclopentadiene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Hexachlorocyclopentadiene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Hexachlorocthane ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Indeno(1,2,3-cd)pyrene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Isophorone ND 5.0 µg/L 1 12/15/2004 2:43:00 PM N-Nitrosodi-n-propylamine ND 5.0 µg/L 1 12/15/2004 2:43:00 PM N-Nitrosodiphenylamine ND 5.0 µg/L 1 12/15/2004 2:43:00 PM N-Nitrosodiphenylamine ND 5.0 µg/L 1 12/15/2004 2:43:00 PM N-Nitrosodiphenylamine ND 5.0 µg/L 1 12/15/2004 2:43:00 PM N-Nitrobenzene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM N-Phenanthrene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM PM Pyrene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM PM Pyrene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM PM Pyrene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM PM Pyrene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM PM Pyrene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM PM Pyrene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM PM Pyrene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM PM Pyrene ND 60 µg/L 20 12/14/2004 1:13:00 PM 1,1,2-Trichloroethane ND 60 µg/L 20 12/14/2004 1:13:00 PM 1,1,2-Trichloroethane ND 60 µg/L 20 12/14/2004 1:13:00 PM 1,1,2-Trichloroethane ND 60 µg/L 20 12/14/2004 1:13:00 PM	Dimethyl phthalate	ND	5.0	μg/L	1	
Fluorene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Hexachlorobenzene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Hexachlorobutadiene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Hexachlorocyclopentadiene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Hexachlorocyclopentadiene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Hexachlorocyclopentadiene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Indeno(1,2,3-cd)pyrene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Indeno(1,2,3-cd)pyrene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM Isophorone ND 5.0 µg/L 1 12/15/2004 2:43:00 PM N-Nitrosodi-n-propylamine ND 5.0 µg/L 1 12/15/2004 2:43:00 PM N-Nitrosodiphenylamine ND 5.0 µg/L 1 12/15/2004 2:43:00 PM N-Nitrosodiphenylamine ND 5.0 µg/L 1 12/15/2004 2:43:00 PM N-Nitrobenzene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM N-Nitrobenzene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM PM Phenanthrene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM PM Pyrene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM PM Pyrene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM PM Pyrene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM PM Pyrene ND 5.0 µg/L 1 12/15/2004 2:43:00 PM PM Pyrene ND 6.0 µg/L 20 12/14/2004 1:13:00 PM 1,1,2-Trichloroethane ND 60 µg/L 20 12/14/2004 1:13:00 PM 1,1,2-Trichloroethane ND 60 µg/L 20 12/14/2004 1:13:00 PM 1,1,2-Trichloroethane ND 60 µg/L 20 12/14/2004 1:13:00 PM	Fluoranthene	ND	5.0	μg/L	1	12/15/2004 2:43:00 PM
Hexachlorobutadiene	Fluorene	ND	5.0		1	12/15/2004 2:43:00 PM
Hexachlorobutadiene	Hexachlorobenzene	ND	5.0	μg/L	1	12/15/2004 2:43:00 PM
Hexachlorocyclopentadiene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Hexachloroethane ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Indeno(1,2,3-cd)pyrene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Isophorone ND 5.0 μg/L 1 12/15/2004 2:43:00 PM N-Nitrosodi-n-propylamine ND 5.0 μg/L 1 12/15/2004 2:43:00 PM N-Nitrosodiphenylamine ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Naphthalene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Nitrobenzene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Phenanthrene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Pyrene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM CL VOLATILE ORGANICS SW8260B Analyst: RS 1,1,1-Trichloroethane ND 60 μg/L 20 12/14/2004 1:13:00 PM	Hexachlorobutadiene	ND	5.0		1	
indeno(1,2,3-cd)pyrene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Isophorone ND 5.0 μg/L 1 12/15/2004 2:43:00 PM N-Nitrosodi-n-propylamine ND 5.0 μg/L 1 12/15/2004 2:43:00 PM N-Nitrosodiphenylamine ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Naphthalene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Nitrobenzene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Phenanthrene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Pyrene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM CL VOLATILE ORGANICS SW8260B Analyst: RS 1,1,1-Trichloroethane ND 60 μg/L 20 12/14/2004 1:13:00 PM 1,1,2-Trichloroethane ND 60 μg/L 20 12/14/2004 1:13:00 PM 1,1,2-Trichloroethane ND 60 μg/L 20 12/14/2004 1:13:00 PM <td>Hexachlorocyclopentadiene</td> <td>ND</td> <td>5.0</td> <td></td> <td>1</td> <td></td>	Hexachlorocyclopentadiene	ND	5.0		1	
Isophorone	Hexachloroethane	ND	5.0	μg/L	1	12/15/2004 2:43:00 PM
Isophorone ND 5.0 μg/L 1 12/15/2004 2:43:00 PM N-Nitrosodi-n-propylamine ND 5.0 μg/L 1 12/15/2004 2:43:00 PM N-Nitrosodiphenylamine ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Naphthalene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Nitrobenzene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Nitrobenzene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Phenanthrene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Pyrene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM ND 1 12/15/2004 2:4	indeno(1,2,3-cd)pyrene	ND	5.0	μg/L	1	12/15/2004 2:43:00 PM
N-Nitrosodi-n-propylamine ND 5.0 μg/L 1 12/15/2004 2:43:00 PM N-Nitrosodiphenylamine ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Naphthalene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Nitrobenzene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Phenanthrene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Pyrene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM CL VOLATILE ORGANICS SW8260B Analyst: RS 1,1,1-Trichloroethane ND 60 μg/L 20 12/14/2004 1:13:00 PM 1,1,2-Trichloroethane ND 60 μg/L 20 12/14/2004 1:13:00 PM 1,1,2-Trichloroethane ND 60 μg/L 20 12/14/2004 1:13:00 PM	Isophorone	ND	5.0		1	
Naphthalene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Nitrobenzene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Phenanthrene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Pyrene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM CL VOLATILE ORGANICS SW8260B Analyst: RS 1,1,1-Trichloroethane ND 60 μg/L 20 12/14/2004 1:13:00 PM 1,1,2-Trichloroethane ND 60 μg/L 20 12/14/2004 1:13:00 PM 1,1,2-Trichloroethane ND 60 μg/L 20 12/14/2004 1:13:00 PM 1,1,2-Trichloroethane ND 60 μg/L 20 12/14/2004 1:13:00 PM	N-Nitrosodi-n-propylamine	ND	5.0	μg/L	1	12/15/2004 2:43:00 PM
Naphthalene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Nitrobenzene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Phenanthrene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Pyrene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM CL VOLATILE ORGANICS SW8260B Analyst: RS 1,1,1-Trichloroethane ND 60 μg/L 20 12/14/2004 1:13:00 PM 1,1,2-Tetrachloroethane ND 60 μg/L 20 12/14/2004 1:13:00 PM 1,1,2-Trichloroethane ND 60 μg/L 20 12/14/2004 1:13:00 PM 1,1,2-Trichloroethane ND 60 μg/L 20 12/14/2004 1:13:00 PM	N-Nitrosodiphenylamine	ND	5.0	μg/L	1	12/15/2004 2:43:00 PM
Nitrobenzene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Phenanthrene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Pyrene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM CL VOLATILE ORGANICS SW8260B Analyst: RS 1,1,1-Trichloroethane ND 60 μg/L 20 12/14/2004 1:13:00 PM 1,1,2-Trichloroethane ND 60 μg/L 20 12/14/2004 1:13:00 PM 1,1,2-Trichloroethane ND 60 μg/L 20 12/14/2004 1:13:00 PM	Naphthalene	ND	5.0		1	12/15/2004 2:43:00 PM
Phenanthrene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM Pyrene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM CL VOLATILE ORGANICS SW8260B Analyst: RS 1,1,1-Trichloroethane ND 60 μg/L 20 12/14/2004 1:13:00 PM 1,1,2,2-Tetrachloroethane ND 60 μg/L 20 12/14/2004 1:13:00 PM 1,1,2-Trichloroethane ND 60 μg/L 20 12/14/2004 1:13:00 PM 1,1,2-Trichloroethane ND 60 μg/L 20 12/14/2004 1:13:00 PM	Nitrobenzene	ND	5.0	•		
Pyrene ND 5.0 μg/L 1 12/15/2004 2:43:00 PM CL VOLATILE ORGANICS SW8260B Analyst: RS 1,1,1-Trichloroethane ND 60 μg/L 20 12/14/2004 1:13:00 PM 1,1,2,2-Tetrachloroethane ND 60 μg/L 20 12/14/2004 1:13:00 PM 1,1,2-Trichloroethane ND 60 μg/L 20 12/14/2004 1:13:00 PM 1,1,2-Trichloroethane ND 60 μg/L 20 12/14/2004 1:13:00 PM	Phenanthrene	ND				
1,1,1-Trichloroethane ND 60 μg/L 20 12/14/2004 1:13:00 PM 1,1,2,2-Tetrachloroethane ND 60 μg/L 20 12/14/2004 1:13:00 PM 1,1,2-Trichloroethane ND 60 μg/L 20 12/14/2004 1:13:00 PM 1,1,2-Trichloroethane ND 60 μg/L 20 12/14/2004 1:13:00 PM	Pyrene	ND	5.0		1	
1,1,1-Trichloroethane ND 60 μg/L 20 12/14/2004 1:13:00 PM 1,1,2,2-Tetrachloroethane ND 60 μg/L 20 12/14/2004 1:13:00 PM 1,1,2-Trichloroethane ND 60 μg/L 20 12/14/2004 1:13:00 PM 1,1,2-Trichloroethane ND 60 μg/L 20 12/14/2004 1:13:00 PM			SW8260B			Analyst: RS
1,1,2,2-Tetrachloroethane ND 60 μg/L 20 12/14/2004 1:13:00 PM 1,1,2-Trichloroethane ND 60 μg/L 20 12/14/2004 1:13:00 PM	1,1,1-Trichloroethane	ND	60	μg/L	20	
1,1,2-Trichloroethane ND 60 µg/L 20 12/14/2004 1:13:00 PM	1,1,2,2-Tetrachloroethane	ND	60	μg/L	20	
4.4 PS - 11	1,1,2-Trichloroethane	ND	60		20	
	1,1-Dichloroethane	ND	60		20	

Approved By:

Qualifiers:

- Low Level
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

Date: 12-17-04

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- * Value exceeds Maximum Contaminant Value
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

Date: 17-Dec-04

CLIENT:

GZA Geo Environmental

Lab Order:

U0412247

Project:

Curtis Screw

Lab ID:

U0412247-002

Client Sample ID: Sump 2

Collection Date: 12/11/2004 10:15:00 AM

Matrix: WATER

Analyses	Result	Limit Qu	al Units	DF	Date Analyzed
TCL VOLATILE ORGANICS		SW8260	В		Analyst: RS
1,1-Dichloroethene	ND	60	μg/L	20	12/14/2004 1:13:00 PM
1,2-Dichloroethane	ND	60	μg/L	20	12/14/2004 1:13:00 PM
1,2-Dichloropropane	ND	60	μg/L	20	12/14/2004 1:13:00 PM
2-Butanone	ND	200	µg/L	20	12/14/2004 1:13:00 PM
2-Hexanone	ND	200	µg/L	20	12/14/2004 1:13:00 PM
4-Methyl-2-pentanone	ND	200	μg/L	20	12/14/2004 1:13:00 PM
Acetone	ND	200	μg/L	20	12/14/2004 1:13:00 PM
Benzene	ND	60	μg/L	20	12/14/2004 1:13:00 PM
Bromodichloromethane	ND	60	μg/L	20	12/14/2004 1:13:00 PM
Bromoform	ND	60	μg/L	20	12/14/2004 1:13:00 PM
Bromomethane	ND	60	μg/L	20	12/14/2004 1:13:00 PM
Carbon disulfide	ND	60	μg/L	20	12/14/2004 1:13:00 PM
Carbon tetrachloride	ND	60	μg/L	20	12/14/2004 1:13:00 PM
Chlorobenzene	ND	60	μg/L	20	12/14/2004 1:13:00 PM
Chloroethane	ND	60	μg/L	20	12/14/2004 1:13:00 PM
Chloroform	ND	60	µg/L	20	12/14/2004 1:13:00 PM
Chloromethane	ND	60	μg/L	20	12/14/2004 1:13:00 PM
cis-1,2-Dichloroethene	ND	60	μg/L	20	12/14/2004 1:13:00 PM
cis-1,3-Dichloropropene	ND	60	μg/L	20	12/14/2004 1:13:00 PM
Dibromochloromethane	ND	60	μg/L	20	12/14/2004 1:13:00 PM
Ethylbenzene	ND	60	μg/L	20	12/14/2004 1:13:00 PM
m,p-Xylene	ND	60	μg/L	20	12/14/2004 1:13:00 PM
Methylene chloride	ND	60	μg/L	20	12/14/2004 1:13:00 PM
o-Xylene	ND	60	μg/L	20	12/14/2004 1:13:00 PM
Styrene	ND	60	μg/L	20	12/14/2004 1:13:00 PM
Tetrachloroethene	ND ND	60	μg/L	20	12/14/2004 1:13:00 PM
Toluene	ND	60	µg/L	20	12/14/2004 1:13:00 PM
trans-1.2-Dichloroethene	ND	60	μg/L	20	12/14/2004 1:13:00 PM
trans-1,3-Dichloropropene	ND	60	μg/L	20	12/14/2004 1:13:00 PM
Trichloroethene	ND	60	μg/L	20	12/14/2004 1:13:00 PM
Vinyl chloride	ND	40	μg/L	20	12/14/2004 1:13:00 PM

Approved By:

Qualifiers:

- Low Level
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

Date: $\frac{12-17-04}{12-17-04}$

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- ** Value exceeds Maximum Contaminant Value
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

Date: 17-Dec-04

CLIENT: Lab Order: GZA Geo Environmental

U0412247

Project:

Curtis Screw

Lab ID:

U0412247-003

Client Sample ID: SP-4

Collection Date: 12/11/2004 3:00:00 PM

Matrix: GROUNDWATER

Analyses	Result	Limit Qual	Units	DF	Date Analyzed
POLYCHLORINATED BIPHENYLS	IN WASTEWAT	SW8082	(SW3	510B)	Analyst: BW
Aroclor 1016	ND	0.050	μg/L	1	12/15/2004
Aroclor 1221	ND	0.050	μg/L	1	12/15/2004
Aroclor 1232	ND	0.050	μg/L	1	12/15/2004
Aroclor 1242	ND	0.050	μg/L	1	12/15/2004
Aroclor 1248	ND	0.050	μg/L	1	12/15/2004
Aroclor 1254	ND	0.050	μg/L	1	12/15/2004
Aroclor 1260	ND	0.050	μg/L	1	12/15/2004
NOTES:					
No arochlor pattern is present.					
ICP METALS, TOTALS		E200.7	(E200	.7)	Analyst: LJ
Arsenic*	ND	0.010	mg/L `	1	12/15/2004 1:56:47 PM
Barium	ND	0.30	mg/L	1	12/15/2004 11:56:20 AM
Cadmium	ND	0.005	mg/L	1	12/15/2004 11:56:20 AM
Chromium	ND	0.050	mg/L	1	12/15/2004 11:56:20 AM
Lead	ND	0.10	mg/L	1	12/15/2004 11:56:20 AM
Selenium*	0.036	0.005	mg/L	1	12/15/2004 1:56:47 PM
Silver	ND	0.050	mg/L	1	12/15/2004 11:56:20 AM
TOTAL MERCURY WATERS		E245.2	(E245	.2)	Analyst: LJ
Mercury	ND	0.0004	mg/L	1	12/15/2004 11:53:36 AM
BASE/NEUTRAL-SEMIVOLATILE (ORGANICS	SW8270C	(SW3	510)	Analyst: KL
1,2,4-Trichlorobenzene	ND	5.0	μg/L	1	12/15/2004 3:20:00 PM
1,2-Dichlorobenzene	ND	5.0	μg/L	1	12/15/2004 3:20:00 PM
1,3-Dichlorobenzene	ND	5.0	μg/L	1	12/15/2004 3:20:00 PM
1,4-Dichlorobenzene	ND	5.0	μg/L	1	12/15/2004 3:20:00 PM
2,4-Dinitrotoluene	ND	5.0	μg/L	1	12/15/2004 3:20:00 PM
2,6-Dinitrotoluene	ND	5.0	µg/L	1	12/15/2004 3:20:00 PM
2-Chloronaphthalene	ND	5.0	μg/L	1	12/15/2004 3:20:00 PM
2-Methylnaphthalene	ND	5.0	μg/L	1	12/15/2004 3:20:00 PM
2-Nitroaniline	ND	50	μg/L	1	12/15/2004 3:20:00 PM
3,3'-Dichlorobenzidine	ND	5.0	µg/∟	1	12/15/2004 3:20:00 PM
3-Nitroaniline	ND	50	μg/L	1	12/15/2004 3:20:00 PM
4-Bromophenyl phenyl ether	ND	5.0	μg/L	1	12/15/2004 3:20:00 PM
4-Chloroaniline	ND	5.0	μg/L	1	12/15/2004 3:20:00 PM
4-Chlorophenyl phenyl ether	ND	5.0	μg/L	1	12/15/2004 3:20:00 PM
4-Nitroaniline	ND	50	μg/L	1	12/15/2004 3:20:00 PM
Acenaphthene	ND	5.0	μg/L	1	12/15/2004 3:20:00 PM
Acenaphthylene	ND	5.0	µg/L	1	12/15/2004 3:20:00 PM

Approved By: P

Qualifiers:

Low Level

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

Date: 12-17-04

Page 7 of 46

* Value exceeds Maximum Contaminant Value

E Value above quantitation range

J Analyte detected below quantitation limits

S Spike Recovery outside accepted recovery limits

Date: 17-Dec-04

CLIENT:

GZA Geo Environmental

Lab Order:

U0412247

Curtis Screw

Project: Lab ID:

U0412247-003

Client Sample ID: SP-4

Collection Date: 12/11/2004 3:00:00 PM

Matrix: GROUNDWATER

Analyses	Result	Limit Qua	Units	DF	Date Analyzed
BASE/NEUTRAL-SEMIVOLATILE O	RGANICS	SW8270C	(SW3)	510)	Analyst: KL
Anthracene	ND	5.0	μg/L	1	12/15/2004 3:20:00 PM
Benz(a)anthracene	ND .	5.0	μg/L	1	12/15/2004 3:20:00 PM
Benzo(a)pyrene	7.1	5.0	μg/L	1	12/15/2004 3:20:00 PM
Benzo(b)fluoranthene	8.2	5.0	μg/L	1	12/15/2004 3:20:00 PM
Benzo(g,h,i)perylene	5.5	5.0	μg/L	1	12/15/2004 3:20:00 PM
Benzo(k)fluoranthene	ND	5.0	μg/L	1	12/15/2004 3:20:00 PM
Bis(2-chloroethoxy)methane	ND	5.0	μg/L	1	12/15/2004 3:20:00 PM
Bis(2-chloroethyl)ether	ND	5.0	μg/L	1	12/15/2004 3:20:00 PM
Bis(2-chloroisopropyl)ether	ND	5.0	μg/L	1	12/15/2004 3:20:00 PM
Bis(2-ethylhexyl)phthalate	ND	5.0	μg/L	1	12/15/2004 3:20:00 PM
Butyl benzyl phthalate	ND	5.0	μg/L	1	12/15/2004 3:20:00 PM
Carbazole	ND	5.0	μg/L	1	12/15/2004 3:20:00 PM
Chrysene	7.7	5.0	µg/L	1	12/15/2004 3:20:00 PM
Di-n-butyl phthalate	ND	5.0	μg/L	1	12/15/2004 3:20:00 PM
Di-n-octyl phthalate	ND	5.0	μg/L	1	12/15/2004 3:20:00 PM
Dibenz(a,h)anthracene	ND	5.0	µg/L	1	12/15/2004 3:20:00 PM
Dibenzofuran	ND	5.0	μg/L	1	12/15/2004 3:20:00 PM
Diethyl phthalate	ND	5.0	μg/L	1	12/15/2004 3:20:00 PM
Dimethyl phthalate	ND	5.0	μg/L	1	12/15/2004 3:20:00 PM
Fluoranthene	8.9	5.0	μg/L	1	12/15/2004 3:20:00 PM
Fluorene	ND	5.0	μg/L	- 1	12/15/2004 3:20:00 PM
Hexachlorobenzene	ND	5.0	μg/L	1	12/15/2004 3:20:00 PM
Hexachlorobutadiene	ND	5.0	μg/L	1	12/15/2004 3:20:00 PM
Hexachlorocyclopentadiene	ND	5.0	μg/L	1	12/15/2004 3:20:00 PM
Hexachloroethane	ND	5.0	µg/L	1	12/15/2004 3:20:00 PM
Indeno(1,2,3-cd)pyrene	ND	5.0	μg/L	1	12/15/2004 3:20:00 PM
Isophorone	ND	5.0	μg/L	1	12/15/2004 3:20:00 PM
N-Nitrosodi-n-propylamine	ND	5.0	μg/L	. 1	12/15/2004 3:20:00 PM
N-Nitrosodiphenylamine	ND	5.0	μg/L	1	12/15/2004 3:20:00 PM
Naphthalene	ND	5.0	μg/L	1	12/15/2004 3:20:00 PM
Nitrobenzene	ND	5.0	μg/L	1	12/15/2004 3:20:00 PM
Phenanthrene	ND	5.0	μg/L	1	12/15/2004 3:20:00 PM
Pyrene	6.3	5.0	μg/L	1	12/15/2004 3:20:00 PM
TCL VOLATILE ORGANICS		SW8260E			Analyst: RS
1,1,1-Trichloroethane	ND	15	μg/L	5	12/14/2004 7:51:00 PM
1,1,2,2-Tetrachloroethane	ND	15	μg/L	5	12/14/2004 7:51:00 PM
1,1,2-Trichloroethane	ND	15	μg/L	5	12/14/2004 7:51:00 PM
1,1-Dichloroethane	ND	15	μg/L	5	12/14/2004 7:51:00 PM

Approved By:

Qualifiers: *

Low Level

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

Date: 12-17-04

Page 8 of 46

- ** Value exceeds Maximum Contaminant Value
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

Date: 17-Dec-04

CLIENT:

GZA Geo Environmental

Lab Order:

U0412247

Project:

Curtis Screw

Lab ID:

U0412247-003

Client Sample ID: SP-4

Collection Date: 12/11/2004 3:00:00 PM

Matrix: GROUNDWATER

Analyses	Result	Limit Qu	ual Units	DF	Date Analyzed				
TCL VOLATILE ORGANICS	L VOLATILE ORGANICS SW8260B								
1,1-Dichloroethene	ND	15	μg/L	5	12/14/2004 7:51:00 PM				
1,2-Dichloroethane	ND	15	μg/L	5	12/14/2004 7:51:00 PM				
1,2-Dichloropropane	ND	15	μg/L	5	12/14/2004 7:51:00 PM				
2-Butanone	ND	50	μg/L	5	12/14/2004 7:51:00 PM				
2-Hexanone	ND	50	μg/L	5	12/14/2004 7:51:00 PM				
4-Methyl-2-pentanone	ND	50	μg/L	5	12/14/2004 7:51:00 PM				
Acetone	ND	50	μg/L	5	12/14/2004 7:51:00 PM				
Benzene	ND	15	μg/L	5	12/14/2004 7:51:00 PM				
Bromodichloromethane	ND	15	μg/ L	5 ·	12/14/2004 7:51:00 PM				
Bromoform	_ω ND	15	μg/L	5	12/14/2004 7:51:00 PM				
Bromomethane	ND	15	μg/L	5	12/14/2004 7:51:00 PM				
Carbon disulfide	ND	15	μg/L	5	12/14/2004 7:51:00 PM				
Carbon tetrachloride	ND	15	μg/L	5	12/14/2004 7:51:00 PM				
Chlorobenzene	ND	15	μg/L	5	12/14/2004 7:51:00 PM				
Chloroethane	ND	15	μg/L	5	12/14/2004 7:51:00 PM				
Chloroform	ND	15	μg/L	5	12/14/2004 7:51:00 PM				
Chloromethane	ND	15	μg/L	5	12/14/2004 7:51:00 PM				
cis-1,2-Dichloroethene	280	15	μg/L	5	12/14/2004 7:51:00 PM				
cis-1,3-Dichloropropene	ND	15	μg/L	5	12/14/2004 7:51:00 PM				
Dibromochloromethane	ND	15	μg/L	5	12/14/2004 7:51:00 PM				
Ethylbenzene	ND	15	μg/L	5	12/14/2004 7:51:00 PM				
m,p-Xylene	ND	15	μg/L	5	12/14/2004 7:51:00 PM				
Methylene chloride	ND	15	μg/L	5	12/14/2004 7:51:00 PM				
o-Xylene	ND	15	μg/L	5	12/14/2004 7:51:00 PM				
Styrene	ND	15	μg/L	5	12/14/2004 7:51:00 PM				
Tetrachloroethene	· ND	15	μg/L	5	12/14/2004 7:51:00 PM				
Toluene	ND	15	μg/L	5	12/14/2004 7:51:00 PM				
trans-1,2-Dichloroethene	ND	15	μg/L	5	12/14/2004 7:51:00 PM				
trans-1,3-Dichloropropene	ND	15	μg/L	5	12/14/2004 7:51:00 PM				
Trichloroethene	32	15	μg/L	5	12/14/2004 7:51:00 PM				
Vinyl chloride	18	10	μg/L	5	12/14/2004 7:51:00 PM				
NOTES:									

The reporting limits were raised due to the high concentration of target compounds.

Approved By: ρ

Qualifiers:

Low Level

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

Date: 12-17-04

Page 9 of 46

* Value exceeds Maximum Contaminant Value

E Value above quantitation range

I Analyte detected below quantitation limits

S Spike Recovery outside accepted recovery limits

Date: 17-Dec-04

CLIENT:

GZA Geo Environmental

Client Sample ID: HA-3 18"-22"

Lab Order:

U0412247

Collection Date: 12/11/2004 10:45:00 AM

Project:

Curtis Screw

Lab ID:

U0412247-004

Matrix: SOIL

Analyses	Result	Limit Qual	Units	DF	Date Analyzed
POLYCHLORINATED BIPHENYLS(SOIL/SLUDGE)	SW8082	(SW355	0B)	Analyst: BW
Aroclor 1016	ND	0.091	mg/Kg-dry	50	12/15/2004
Aroclor 1221	ND	0.091	mg/Kg-dry	50	12/15/2004
Aroclor 1232	ND	0.091	mg/Kg-dry	50	12/15/2004
Aroclor 1242	ND	0.091	mg/Kg-dry	50	12/15/2004
Aroclor 1248	ND	0.091	mg/Kg-dry	50	12/15/2004
Aroclor 1254	ND	0.091	mg/Kg-dry	50	12/15/2004
Aroclor 1260	ND	0.091	mg/Kg-dry	50	12/15/2004
NOTES:					
No arochlor pattern is present.					
PERCENT MOISTURE		D2216			Analyst: SL
Percent Moisture	7.76	0.00100	wt%	1	12/17/2004

Approved I	Зу:	PF	Date:	12-17-04 Page 10 of 46
Oualifiers:	*	Low Level	**	Value exceeds Maximum Contaminant Value
~~~~~	В	Analyte detected in the associated Method Blank	Е	Value above quantitation range
		Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
		Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Date: 17-Dec-04

**CLIENT:** 

GZA Geo Environmental

Client Sample ID: SP-1 2-4'

Lab Order:

U0412247

**Collection Date:** 12/11/2004 11:00:00 AM

Project: Lab ID: Curtis Screw U0412247-005

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BASE/NEUTRAL-SEMIVOLATILE	ORGANICS	SW8	270C	(SW35	50A)	Analyst: KL
1,2,4-Trichlorobenzene	ND	1700		µg/Kg-dry	<b>5</b>	12/15/2004 4:35:00 PM
1,2-Dichlorobenzene	ND	1700		μg/Kg-dry	5	12/15/2004 4:35:00 PM
1,3-Dichlorobenzene	ND	1700		μg/Kg-dry	5	12/15/2004 4:35:00 PM
1,4-Dichlorobenzene	ND	1700		μg/Kg-dry	5	12/15/2004 4:35:00 PM
2,4-Dinitrotoluene	ND	1700		μg/Kg-dry	5	12/15/2004 4:35:00 PM
2,6-Dinitrotoluene	ND	1700		μg/Kg-dry	5	12/15/2004 4:35:00 PM
2-Chloronaphthalene	ND	1700		μg/Kg-dry	5	12/15/2004 4:35:00 PM
2-Methylnaphthalene	ND	1700		μg/Kg-dry	5	12/15/2004 4:35:00 PM
2-Nitroaniline	ND	17000		μg/Kg-dry	5	12/15/2004 4:35:00 PM
3,3'-Dichlorobenzidine	ND	1700		μg/Kg-dry	5	12/15/2004 4:35:00 PM
3-Nitroaniline	ND	17000		μg/Kg-dry	5	12/15/2004 4:35:00 PM
4-Bromophenyl phenyl ether	ND	1700		μg/Kg-dry	5	12/15/2004 4:35:00 PM
4-Chloroaniline	ND	1700		μg/Kg-dry	5	12/15/2004 4:35:00 PM
4-Chlorophenyl phenyl ether	ND	1700		μg/Kg-dry	5	12/15/2004 4:35:00 PM
4-Nitroaniline	ND	17000		μg/Kg-dry	5	12/15/2004 4:35:00 PM
Acenaphthene	ND	1700		μg/Kg-dry	5	12/15/2004 4:35:00 PM
Acenaphthylene	ND	1700		μg/Kg-dry	5	12/15/2004 4:35:00 PM
Anthracene	ND	1700		μg/Kg-dry	5	12/15/2004 4:35:00 PM
Benz(a)anthracene	2800	1700		μg/Kg-dry	5	12/15/2004 4:35:00 PM
Benzo(a)pyrene	3100	1700		μg/Kg-dry	5	12/15/2004 4:35:00 PM
Benzo(b)fluoranthene	4400	1700		μg/Kg-dry	5	12/15/2004 4:35:00 PM
Benzo(g,h,i)perylene	2500	1700		μg/Kg-dry	5	12/15/2004 4:35:00 PM
Benzo(k)fluoranthene	ND	1700		μg/Kg-dry	5	12/15/2004 4:35:00 PM
Bis(2-chloroethoxy)methane	ND	1700		μg/Kg-dry	5	12/15/2004 4:35:00 PM
Bis(2-chloroethyl)ether	ND	1700		μg/Kg-dry	5	12/15/2004 4:35:00 PM
Bis(2-chloroisopropyl)ether	· ND	1700		μg/Kg-dry	5	12/15/2004 4:35:00 PM
Bis(2-ethylhexyl)phthalate	ND	1700		μg/Kg-dry	5	12/15/2004 4:35:00 PM
Butyl benzyl phthalate	ND	1700		μg/Kg-dry	5	12/15/2004 4:35:00 PM
Carbazole	ND	1700		μg/Kg-dry	5	12/15/2004 4:35:00 PM
Chrysene	4400	1700		μg/Kg-dry	5	12/15/2004 4:35:00 PM
Di-n-butyl phthalate	ND	1700		μg/Kg-dry	5	12/15/2004 4:35:00 PM
Di-n-octyl phthalate	ND	1700		μg/Kg-dry	5	12/15/2004 4:35:00 PM
Dibenz(a,h)anthracene	ND	1700		μg/Kg-dry	5	12/15/2004 4:35:00 PM
Dibenzofuran	ND	1700		μg/Kg-dry	5	12/15/2004 4:35:00 PM
Diethyl phthalate	ND	1700		µg/Kg-dry	5	12/15/2004 4:35:00 PM
Dimethyl phthalate	ND	1700		μg/Kg-dry	5	12/15/2004 4:35:00 PM
Fluoranthene	5100	1700		μg/Kg-dry	5	12/15/2004 4:35:00 PM
Fluorene	ND	1700		μg/Kg-dry	5	12/15/2004 4:35:00 PM
Hexachlorobenzene	ND	1700		μg/Kg-dry	5 _.	12/15/2004 4:35:00 PM

## Approved By: PL

Qualifiers:

- Low Level
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

Date: 12-17-04

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- ** Value exceeds Maximum Contaminant Value
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

GZA Geo Environmental

Client Sample ID: SP-1 2-4'

CLIENT: Lab Order:

U0412247

Collection Date: 12/11/2004 11:00:00 AM

Date: 17-Dec-04

Project:

Curtis Screw

Lab ID:

U0412247-005

Matrix: SOIL

Analyses	Result	Limit Qu	al Units	DF	Date Analyzed
BASE/NEUTRAL-SEMIVOLATILE O	BASE/NEUTRAL-SEMIVOLATILE ORGANICS		C (SW355	0A)	Analyst: KL
Hexachlorobutadiene	ND	1700	μg/Kg-dry	5	12/15/2004 4:35:00 PM
Hexachlorocyclopentadiene	, ND	1700	μg/Kg-dry	5	12/15/2004 4:35:00 PM
Hexachloroethane	ND	1700	μg/Kg-dry	5	12/15/2004 4:35:00 PM
Indeno(1,2,3-cd)pyrene	2100	1700	μg/Kg-dry	5	12/15/2004 4:35:00 PM
Isophorone	ND	1700	μg/Kg-dry	5	12/15/2004 4:35:00 PM
N-Nitrosodi-n-propylamine	ND	1700	μg/Kg-dry	5	12/15/2004 4:35:00 PM
N-Nitrosodiphenylamine	ND	1700	μg/Kg-dry	5	12/15/2004 4:35:00 PM
Naphthalene	ND	1700	μg/Kg-dry	5	12/15/2004 4:35:00 PM
Nitrobenzene	ND	1700	μg/Kg-dry	5	12/15/2004 4:35:00 PM
Phenanthrene	2000	1700	μg/Kg-dry	5	12/15/2004 4:35:00 PM
Pyrene	3100	1700	μg/Kg-dry	5	12/15/2004 4:35:00 PM
NOTES:	_				
The reporting limits were raised due to	matrix interference.				
TCL VOLATILE ORGANICS		SW8260			Analyst: RS
1,1,1-Trichloroethane	ND	3.2	μg/Kg-dry	1	12/13/2004 1:15:00 PM
1,1,2,2-Tetrachloroethane	ND	3.2	μg/Kg-dry	1	12/13/2004 1:15:00 PM
1,1,2-Trichloroethane	ND	3.2	μg/Kg-dry	1	12/13/2004 1:15:00 PM
1,1-Dichloroethane	ND	3.2	μg/Kg-dry	1	12/13/2004 1:15:00 PM
1,1-Dichloroethene	ND	3.2	µg/Kg-dry	1	12/13/2004 1:15:00 PM
1,2-Dichloroethane	ND	3.2	μg/Kg-dry	1	12/13/2004 1:15:00 PM
1,2-Dichloropropane	ND	3.2	μg/Kg-dry	1	12/13/2004 1:15:00 PM
2-Butanone	ND	11	μg/Kg-dry	1	12/13/2004 1:15:00 PM
2-Hexanone	ND	11	μg/Kg-dry	1	12/13/2004 1:15:00 PM
4-Methyl-2-pentanone	ND	11	μg/Kg-dry	1	12/13/2004 1:15:00 PM
Acetone	16	11	μg/Kg-dry	1	12/13/2004 1:15:00 PM
Benzene	ND	3.2	μg/Kg-dry	1	12/13/2004 1:15:00 PM
Bromodichloromethane	ND	3.2	μg/Kg-dry	1	12/13/2004 1:15:00 PM
Bromoform	ND	3.2	μg/Kg-dry	1	12/13/2004 1:15:00 PN
Bromomethane	ND	3.2	μg/Kg-dry	1	12/13/2004 1:15:00 PN
Carbon disulfide	ND	3.2	μg/Kg-dry	1	12/13/2004 1:15:00 PN
Carbon tetrachloride	ND	3.2	μg/Kg-dry	1	12/13/2004 1:15:00 PM
Chlorobenzene	ND	3.2	μg/Kg-dry	1	12/13/2004 1:15:00 PM
Chloroethane	ND	3.2	μg/Kg-dry	1	12/13/2004 1:15:00 PM
Chloroform	ND	3.2	µg/Kg-dry	1	12/13/2004 1:15:00 PM
Chloromethane	ND	3.2	μg/Kg-dry	1	12/13/2004 1:15:00 PM
cis-1,2-Dichloroethene	ND	3.2	μg/Kg-dry	1	12/13/2004 1:15:00 PI
Old the Profitorogations		3.2	μg/Kg-dry	1	12/13/2004 1:15:00 PI
cis-1,3-Dichloropropene	ND	3.2	pgrigrary		

Approved By: PF

Qualifiers: *

Low Level

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

Date: 12-17-04

Page 12 of 46

** Value exceeds Maximum Contaminant Value

E Value above quantitation range

J Analyte detected below quantitation limits

S Spike Recovery outside accepted recovery limits

Date: 17-Dec-04

**CLIENT:** 

**GZA** Geo Environmental

Lab Order:

U0412247

**Project:** 

Curtis Screw

Lab ID:

U0412247-005

Client Sample ID: SP-1 2-4'

Collection Date: 12/11/2004 11:00:00 AM

Matrix: SOIL

Analyses	Result	Limit Qua	al Units	DF	Date Analyzed
TCL VOLATILE ORGANICS	,	SW8260E		Analyst: RS	
Ethylbenzene	ND	3.2	μg/Kg-dry	1	12/13/2004 1:15:00 PM
m,p-Xylene	ND	3.2	μg/Kg-dry	1	12/13/2004 1:15:00 PM
Methylene chloride	ND	3.2	μg/Kg-dry	1	12/13/2004 1:15:00 PM
o-Xylene	ND	3.2	μg/Kg-dry	1	12/13/2004 1:15:00 PM
Styrene	ND	3.2	μg/Kg-dry	1	12/13/2004 1:15:00 PM
Tetrachloroethene	ND	3.2	μg/Kg-dry	1	12/13/2004 1:15:00 PM
Toluene	ND	3.2	μg/Kg-dry	1	12/13/2004 1:15:00 PM
trans-1,2-Dichloroethene	ND	3.2	μg/Kg-dry	1	12/13/2004 1:15:00 PM
trans-1,3-Dichloropropene	ND	3.2	μg/Kg-dry	1	12/13/2004 1:15:00 PM
Trichloroethene	ND	3.2	μg/Kg-dry	1	12/13/2004 1:15:00 PM
Vinyl chloride	ND	2.1	μg/Kg-dry	1	12/13/2004 1:15:00 PM
PERCENT MOISTURE		D2216			Analyst: SL
Percent Moisture	6.30	0.00100	wt%	1	12/17/2004

Approved By:

Qualifiers: * Low Level

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

Date: 12-17-04

Page 13 of 46

- Value exceeds Maximum Contaminant Value
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

_____

Date: 17-Dec-04

CLIENT:

GZA Geo Environmental

Client Sample ID: SP-2 14-16'

Lab Order:

U0412247

Collection Date: 12/11/2004 11:45:00 AM

Project:

**Curtis Screw** 

Lab ID:

U0412247-006

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BASE/NEUTRAL-SEMIVOLATILE	ORGANICS	SW82	270C	(SW355	0A)	Analyst: <b>KL</b>
1,2,4-Trichlorobenzene	ND	360		µg/Kg-dry	1 .	12/15/2004 5:13:00 PM
1,2-Dichlorobenzene	ND	360		µg/Kg-dry	1	12/15/2004 5:13:00 PM
1,3-Dichlorobenzene	ND	360		μg/Kg-dry	1	12/15/2004 5:13:00 PM
1,4-Dichlorobenzene	ND	360		μg/Kg-dry	1	12/15/2004 5:13:00 PM
2,4-Dinitrotoluene	ND	360		μg/Kg-dry	1	12/15/2004 5:13:00 PM
2,6-Dinitrotoluene	ND	360		μg/Kg-dry	1	12/15/2004 5:13:00 PM
2-Chloronaphthalene	ND	360		μg/Kg-dry	1	12/15/2004 5:13:00 PM
2-Methylnaphthalene	ND	360		μg/Kg-dry	1	12/15/2004 5:13:00 PM
2-Nitroaniline	ND	3600		μg/Kg-dry	1	12/15/2004 5:13:00 PM
3,3'-Dichlorobenzidine	ND	360		μg/Kg-dry	1	12/15/2004 5:13:00 PM
3-Nitroaniline	ND	3600		μg/Kg-dry	1	12/15/2004 5:13:00 PM
4-Bromophenyl phenyl ether	ND	360		μg/Kg-dry	1	12/15/2004 5:13:00 PM
4-Chloroaniline	ND	360		μg/Kg-dry	1	12/15/2004 5:13:00 PM
4-Chlorophenyl phenyl ether	ND	360		μg/Kg-dry	1	12/15/2004 5:13:00 PM
4-Nitroaniline	ND	3600		μg/Kg-dry	1	12/15/2004 5:13:00 PM
Acenaphthene	ND	360		μg/Kg-dry	1	12/15/2004 5:13:00 PM
Acenaphthylene	ND	360		μg/Kg-dry	1	12/15/2004 5:13:00 PM
Anthracene	ND	360		μg/Kg-dry	1	12/15/2004 5:13:00 PM
Benz(a)anthracene	ND	360		μg/Kg-dry	1	12/15/2004 5:13:00 PM
Benzo(a)pyrene	ND	360		μg/Kg-dry	. 1	12/15/2004 5:13:00 PM
Benzo(b)fluoranthene	ND	360		μg/Kg-dry	1	12/15/2004 5:13:00 PM
Benzo(g,h,i)perylene	ND	360		μg/Kg-dry	1	12/15/2004 5:13:00 PM
Benzo(k)fluoranthene	ND	360		μg/Kg-dry	1	12/15/2004 5:13:00 PM
Bis(2-chloroethoxy)methane	ND	360		μg/Kg-dry	1	12/15/2004 5:13:00 PM
Bis(2-chloroethyl)ether	ND	360		μg/Kg-dry	1	12/15/2004 5:13:00 PM
Bis(2-chloroisopropyl)ether	· ND	360		μg/Kg-dry	1	12/15/2004 5:13:00 PM
Bis(2-ethylhexyl)phthalate	ND	360		μg/Kg-dry	1	12/15/2004 5:13:00 PM
Butyl benzyl phthalate	ND	360		μg/Kg-dry	1	12/15/2004 5:13:00 PM
Carbazole	ND	360		μg/Kg-dry	1	12/15/2004 5:13:00 PM
Chrysene	ND	360		μg/Kg-dry	1	12/15/2004 5:13:00 PM
Di-n-butyl phthalate	ND	360		μg/Kg-dry	1	12/15/2004 5:13:00 PM
Di-n-octyl phthalate	ND	360		μg/Kg-dry	1	12/15/2004 5:13:00 PM
Dibenz(a,h)anthracene	ND	360		μg/Kg-dry	. 1	12/15/2004 5:13:00 PM
Dibenzofuran	ND	360		μg/Kg-dry	1	12/15/2004 5:13:00 PM
Diethyl phthalate	ND	360		μg/Kg-dry	1	12/15/2004 5:13:00 PM
Dimethyl phthalate	ND	360		μg/Kg-dry	1	12/15/2004 5:13:00 PM
Fluoranthene	ND	360		µg/Kg-dry	1	12/15/2004 5:13:00 PM
Fluorene	ND	360		μg/Kg-dry	1	12/15/2004 5:13:00 PM
Hexachlorobenzene	ND	360		μg/Kg-dry	1	12/15/2004 5:13:00 PM

Approved By: PF

Qualifiers:

- Low Level
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

Date: 12-17-04

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- ** Value exceeds Maximum Contaminant Value
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

Date: 17-Dec-04

**CLIENT:** 

GZA Geo Environmental

Client Sample ID: SP-2 14-16'

Lab Order:

U0412247

Collection Date: 12/11/2004 11:45:00 AM

Project:

Curtis Screw

Lab ID:

U0412247-006

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BASE/NEUTRAL-SEMIVOLATILE C	RGANICS	SW82	270C	(SW355	50A)	Analyst: KL
Hexachlorobutadiene	ND	360		µg/Kg-dry	1	12/15/2004 5:13:00 PM
Hexachlorocyclopentadiene	ND	360		µg/Kg-dry	1	12/15/2004 5:13:00 PM
Hexachloroethane	ND	360		µg/Kg-dry	1	12/15/2004 5:13:00 PM
Indeno(1,2,3-cd)pyrene	ND	360		μg/Kg-dry	1	12/15/2004 5:13:00 PM
Isophorone	ND	360		µg/Kg-dry	1	12/15/2004 5:13:00 PM
N-Nitrosodi-n-propylamine	ND	360		μg/Kg-dry	1	12/15/2004 5:13:00 PM
N-Nitrosodiphenylamine	ND	360		µg/Kg-dry	1	12/15/2004 5:13:00 PM
Naphthalene	ND	360		μg/Kg-dry	1	12/15/2004 5:13:00 PM
Nitrobenzene	ND	360		μg/Kg-dry	1	12/15/2004 5:13:00 PM
Phenanthrene	ND	360		μg/Kg-dry	1	12/15/2004 5:13:00 PM
Pyrene	ND	360		μg/Kg-dry	1	12/15/2004 5:13:00 PM
TCL VOLATILE ORGANICS		SW82	260B			Analyst: RS
1,1,1-Trichloroethane	ND	270		μg/Kg-dry	83.3333	12/13/2004 2:00:00 PM
1,1,2,2-Tetrachloroethane	ND	270		μg/Kg-dry	83.3333	12/13/2004 2:00:00 PN
1,1,2-Trichloroethane	ND	270		μg/Kg-dry	83.3333	12/13/2004 2:00:00 PM
1,1-Dichloroethane	ND	270		μg/Kg-dry	83.3333	12/13/2004 2:00:00 PN
1,1-Dichloroethene	ND	270		μg/Kg-dry	83:3333	12/13/2004 2:00:00 PM
1,2-Dichloroethane	ND	270		μg/Kg-dry		12/13/2004 2:00:00 PN
1,2-Dichloropropane	ND	270		μg/Kg-dry	83.3333	12/13/2004 2:00:00 PM
2-Butanone	ND	900		μg/Kg-dry		12/13/2004 2:00:00 PN
2-Hexanone	ND	900		μg/Kg-dry		12/13/2004 2:00:00 PM
4-Methyl-2-pentanone	ND	900		μg/Kg-dry		12/13/2004 2:00:00 PM
Acetone	ND	900		μg/Kg-dry	83.3333	12/13/2004 2:00:00 PN
Benzene	ND	270	,	μg/Kg-dry	83.3333	12/13/2004 2:00:00 PM
Bromodichloromethane	ND	270		μg/Kg-dry	83.3333	12/13/2004 2:00:00 PM
Bromoform	ND	270		μg/Kg-dry	83.3333	12/13/2004 2:00:00 PM
Bromomethane	ND	270		μg/Kg-dry	83.3333	12/13/2004 2:00:00 PM
Carbon disulfide	ND	270		µg/Kg-dry	83.3333	12/13/2004 2:00:00 PM
Carbon tetrachloride	ND	270		μg/Kg-dry	83.3333	12/13/2004 2:00:00 PN
Chlorobenzene	ND	270		μg/Kg-dry	83.3333	12/13/2004 2:00:00 PM
Chloroethane	ND	270		μg/Kg-dry	83.3333	12/13/2004 2:00:00 PM
Chloroform	ND	270		μg/Kg-dry	83.3333	12/13/2004 2:00:00 PM
Chloromethane	ND	270		μg/Kg-dry		12/13/2004 2:00:00 PM
cis-1,2-Dichloroethene	ND	270		μg/Kg-dry		12/13/2004 2:00:00 PM
cis-1,3-Dichloropropene	ND	270		μg/Kg-dry	83.3333	12/13/2004 2:00:00 PM
Dibromochloromethane	ND	270		μg/Kg-dry	83.3333	12/13/2004 2:00:00 PM
Ethylbenzene	ND	270		μg/Kg-dry	83.3333	12/13/2004 2:00:00 PM
m,p-Xylene	ND	270		μg/Kg-dry		12/13/2004 2:00:00 PM

### Approved By: $\bigcap$

Qualifiers:

- Low Level
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

Date: 12-17-04

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- * Value exceeds Maximum Contaminant Value
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

GZA Geo Environmental

Client Sample ID: SP-2 14-16'

**CLIENT:** Lab Order:

U0412247

Date: 17-Dec-04

Project:

Collection Date: 12/11/2004 11:45:00 AM

Lab ID:

Curtis Screw U0412247-006

Matrix: SOIL

Analyses	Result	Limit Qua	al Units	DF	Date Analyzed
TCL VOLATILE ORGANICS		SW8260E	3		Analyst: RS
Methylene chloride	ND	270	μg/Kg-dry	83.3333	12/13/2004 2:00:00 PM
o-Xylene	ND	270	μg/Kg-dry	83.3333	12/13/2004 2:00:00 PM
Styrene	ND	270	μg/Kg-dry	83.3333	12/13/2004 2:00:00 PM
Tetrachloroethene	ND	270	μg/Kg-dry	83.3333	12/13/2004 2:00:00 PM
Toluene	ND	270	μg/Kg-dry	83.3333	12/13/2004 2:00:00 PM
trans-1.2-Dichloroethene	ND	270	μg/Kg-dry	83.3333	12/13/2004 2:00:00 PM
trans-1,3-Dichloropropene	ND	270	μg/Kg-dry	83.3333	12/13/2004 2:00:00 PM
Trichloroethene	ND	270	μg/Kg-dry	83.3333	12/13/2004 2:00:00 PM
Vinyl chloride	ND	180	μg/Kg-dry	83.3333	12/13/2004 2:00:00 PM
NOTES:					
The reporting limits were raised due to	matrix interference.				•
PERCENT MOISTURE		D2216			Analyst: SL
Percent Moisture	7.43	0.00100	wt%	1	12/17/2004

Approved By: Low Level Qualifiers:

Analyte detected in the associated Method Blank В

Holding times for preparation or analysis exceeded Н

Not Detected at the Reporting Limit

Date:

Page 16 of 46

Value exceeds Maximum Contaminant Value

Value above quantitation range E

Analyte detected below quantitation limits J

Spike Recovery outside accepted recovery limits

Date: 17-Dec-04

**CLIENT:** 

GZA Geo Environmental

Lab Order:

U0412247

Project:

Curtis Screw

Lab ID:

U0412247-007

Client Sample ID: SP-4 8-10

Collection Date: 12/11/2004 1:00:00 PM

Matrix: SOIL

Analyses	Result	Limit (	Qual T	Jnits	DF	Date Analyzed
BASE/NEUTRAL-SEMIVOLATILE ORGANICS		SW82	SW8270C		50A)	Analyst: KL
1,2,4-Trichlorobenzene	ND	2000	μ	g/Kg-dry	5	12/15/2004 5:51:00 PM
1,2-Dichlorobenzene	ND	2000	μ	g/Kg-dry	5	12/15/2004 5:51:00 PM
1,3-Dichlorobenzene	ND	2000	μ	g/Kg-dry	5	12/15/2004 5:51:00 PM
1,4-Dichlorobenzene	ND	2000	μ	g/Kg-dry	5	12/15/2004 5:51:00 PM
2,4-Dinitrotoluene	ND	2000	μ	g/Kg-dry	5	12/15/2004 5:51:00 PM
2,6-Dinitrotoluene	ND	2000	μ	g/Kg-dry	5	12/15/2004 5:51:00 PM
2-Chloronaphthalene	ND	2000	μ	g/Kg-dry	5	12/15/2004 5:51:00 PM
2-Methylnaphthalene	ND	2000	μ	g/Kg-dry	5	12/15/2004 5:51:00 PM
2-Nitroaniline	ND	20000	μ	g/Kg-dry	5	12/15/2004 5:51:00 PM
3,3'-Dichlorobenzidine	ND	2000	μ	g/Kg-dry	5	12/15/2004 5:51:00 PM
3-Nitroaniline	ND	20000	μ	g/Kg-dry	5	12/15/2004 5:51:00 PM
4-Bromophenyl phenyl ether	ND	2000	μ	g/Kg-dry	5	12/15/2004 5:51:00 PM
4-Chloroaniline	ND	2000	μ	g/Kg-dry	5	12/15/2004 5:51:00 PM
4-Chlorophenyl phenyl ether	ND	2000	μ	g/Kg-dry	5	12/15/2004 5:51:00 PM
4-Nitroaniline	ND	20000	μ	g/Kg-dry	5	12/15/2004 5:51:00 PM
Acenaphthene	ND	2000	μ	g/Kg-dry	5	12/15/2004 5:51:00 PM
Acenaphthylene	ND	2000	μ	g/Kg-dry	5	12/15/2004 5:51:00 PM
Anthracene	ND	2000	μ	g/Kg-dry	5	12/15/2004 5:51:00 PM
Benz(a)anthracene	4500	2000	μ	g/Kg-dry	5	12/15/2004 5:51:00 PM
Benzo(a)pyrene	8500	2000	μ	g/Kg-dry	5	12/15/2004 5:51:00 PM
Benzo(b)fluoranthene	9400	2000	μ	g/Kg-dry	5	12/15/2004 5:51:00 PM
Benzo(g,h,i)perylene	6500	2000	μ	g/Kg-dry	5	12/15/2004 5:51:00 PM
Benzo(k)fluoranthene	2500	2000		g/Kg-dry	, 5	12/15/2004 5:51:00 PM
Bis(2-chloroethoxy)methane	ND	2000		g/Kg-dry	5	12/15/2004 5:51:00 PM
Bis(2-chloroethyl)ether	ND	2000	μ	g/Kg-dry	5	12/15/2004 5:51:00 PM
Bis(2-chloroisopropyl)ether	ND	2000		g/Kg-dry	5	12/15/2004 5:51:00 PM
Bis(2-ethylhexyl)phthalate	ND	2000	μ	g/Kg-dry	5	12/15/2004 5:51:00 PM
Butyl benzyl phthalate	ND	2000	μς	g/Kg-dry	5	12/15/2004 5:51:00 PM
Carbazole	ND	2000	μς	g/Kg-dry	5	12/15/2004 5:51:00 PM
Chrysene	6800	2000	μς	g/Kg-dry	5	12/15/2004 5:51:00 PM
Di-n-butyl phthalate	ND	2000	μg	g/Kg-dry	5	12/15/2004 5:51:00 PM
Di-n-octyl phthalate	ND	2000		g/Kg-dry	5	12/15/2004 5:51:00 PM
Dibenz(a,h)anthracene	ND	2000	μο	g/Kg-dry	5	12/15/2004 5:51:00 PM
Dibenzofuran	ND	2000		g/Kg-dry	5	12/15/2004 5:51:00 PM
Diethyl phthalate	ND	2000		g/Kg-dry	5	12/15/2004 5:51:00 PM
Dimethyl phthalate	ND	2000	μg	/Kg-dry	5	12/15/2004 5:51:00 PM
Fluoranthene	4700	2000		g/Kg-dry	5	12/15/2004 5:51:00 PM
Fluorene	ND	2000		/Kg-dry	5	12/15/2004 5:51:00 PM
Hexachlorobenzene	ND	2000		ı/Kg-dry	5	12/15/2004 5:51:00 PM

#### Approved By:

Qualifiers:

- Low Level
- В Analyte detected in the associated Method Blank
- Н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit

Date:

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- Value exceeds Maximum Contaminant Value
- Value above quantitation range Е
- Analyte detected below quantitation limits
- Spike Recovery outside accepted recovery limits

GZA Geo Environmental

**Lab Order:** U0412247

**CLIENT:** 

Project: Curtis Screw

**Lab ID:** U0412247-007

Date: 17-Dec-04

Client Sample ID: SP-4 8-10

Collection Date: 12/11/2004 1:00:00 PM

Matrix: SOIL

Analyses	Result	Limit Qua	d Units	DF	Date Analyzed
BASE/NEUTRAL-SEMIVOLATILE	ORGANICS	SW82700	(SW35	50A)	Analyst: <b>KL</b>
Hexachlorobutadiene	ND	2000	μg/Kg-dry	5	12/15/2004 5:51:00 PM
Hexachlorocyclopentadiene	ND	2000	μg/Kg-dry	5	12/15/2004 5:51:00 PM
Hexachloroethane	ND	2000	μg/Kg-dry	5	12/15/2004 5:51:00 PM
Indeno(1,2,3-cd)pyrene	5100	2000	μg/Kg-dry	5	12/15/2004 5:51:00 PM
Isophorone	ND	2000	μg/Kg-dry	5	12/15/2004 5:51:00 PM
N-Nitrosodi-n-propylamine	ND	2000	μg/Kg-dry	5	12/15/2004 5:51:00 PM
N-Nitrosodiphenylamine	ND	2000	μg/Kg-dry	5	12/15/2004 5:51:00 PM
Naphthalene	ND	2000	μg/Kg-dry	5	12/15/2004 5:51:00 PM
Nitrobenzene	ND	2000	μg/Kg-dry	5	12/15/2004 5:51:00 PM
Phenanthrene	ND	2000	μg/Kg-dry	5	12/15/2004 5:51:00 PM
Pyrene	4000	2000	μg/Kg-dry	5	12/15/2004 5:51:00 PM
NOTES:					
The reporting limits were raised due t	o matrix interference.				
TCL VOLATILE ORGANICS		SW8260E	3		Analyst: RS
1,1,1-Trichloroethane	ND	310	μg/Kg-dry	83.333	12/14/2004 2:30:00 PM
1,1,2,2-Tetrachloroethane	ND	310	μg/Kg-dry	83.333	12/14/2004 2:30:00 PM
1,1,2-Trichloroethane	ND	310	μg/Kg-dry	83.333	12/14/2004 2:30:00 PM
1,1-Dichloroethane	ND	310	μg/Kg-dry	83.333	12/14/2004 2:30:00 PM
1,1-Dichloroethene	ND	310	μg/Kg-dry	83.333	12/14/2004 2:30:00 PM
1,2-Dichloroethane	ND	310	μg/Kg-dry	83.333	12/14/2004 2:30:00 PM
1,2-Dichloropropane	ND	310	μg/Kg-dry	83.333	12/14/2004 2:30:00 PM
2-Butanone	ND	1000	μg/Kg-dry	83.333	12/14/2004 2:30:00 PM
2-Hexanone	ND	1000	μg/Kg-dry	83.333	12/14/2004 2:30:00 PM
4-Methyl-2-pentanone	ND	1000	μg/Kg-dry	83.333	12/14/2004 2:30:00 PM
Acetone	ND	1000	μg/Kg-dry	83.333	12/14/2004 2:30:00 PM
Benzene	ND	310	μg/Kg-dry	83.333	12/14/2004 2:30:00 PM
Bromodichloromethane	ND	310	μg/Kg-dry	83.333	12/14/2004 2:30:00 PM
Bromoform	ND	310	μg/Kg-dry	83.333	12/14/2004 2:30:00 PM
Bromomethane	ND	310	μg/Kg-dry	83.333	12/14/2004 2:30:00 PM
Carbon disulfide	ND	310	μg/Kg-dry	83.333	12/14/2004 2:30:00 PM
Carbon tetrachloride	ND	310	μg/Kg-dry	83.333	12/14/2004 2:30:00 PM
Chlorobenzene	ND	310	μg/Kg-dry	83.333	12/14/2004 2:30:00 PM
Chloroethane	ND	310	μg/Kg-dry	83.333	12/14/2004 2:30:00 PM
Chloroform	ND	310	μg/Kg-dry	83.333	12/14/2004 2:30:00 PM
Chloromethane	ND	310	μg/Kg-dry	83.333	12/14/2004 2:30:00 PM
cis-1,2-Dichloroethene	4200	310	μg/Kg-dry	83.333	12/14/2004 2:30:00 PM
cis-1,3-Dichloropropene	ND	310	μg/Kg-dry	83.333	12/14/2004 2:30:00 PN
Dibromochloromethane	ND	310	μg/Kg-dry	83.333	12/14/2004 2:30:00 PM

Approved B	y:	PF
Qualifiers:	*	Low Level

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

Date: 12-17-04

Page 18 of 46

- Value exceeds Maximum Contaminant Value
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

Date: 17-Dec-04

**CLIENT:** 

GZA Geo Environmental

Lab Order:

U0412247

Project:

Curtis Screw

Lab ID:

U0412247-007

Client Sample ID: SP-4 8-10

**Collection Date:** 12/11/2004 1:00:00 PM

Matrix: SOIL

Analyses	Result	Limit Qu	al Units	DF	Date Analyzed
TCL VOLATILE ORGANICS	•	SW8260	В		Analyst: RS
Ethylbenzene	ND	310	μg/Kg-dry	83.333	12/14/2004 2:30:00 PM
m,p-Xylene	ND	310	μg/Kg-dry	83.333	12/14/2004 2:30:00 PM
Methylene chloride	. ND	310	μg/Kg-dry	83.333	12/14/2004 2:30:00 PM
o-Xylene	ND	310	μg/Kg-dry	83.333	12/14/2004 2:30:00 PM
Styrene	ND	310	μg/Kg-dry	83.333	12/14/2004 2:30:00 PM
Tetrachloroethene	ND	310	μg/Kg-dry	83.333	12/14/2004 2:30:00 PM
Toluene	ND	310	μg/Kg-dry	83.333	12/14/2004 2:30:00 PM
trans-1,2-Dichloroethene	ND	310	μg/Kg-dry	83.333	12/14/2004 2:30:00 PM
trans-1,3-Dichloropropene	ND	310	μg/Kg-dry	83.333	12/14/2004 2:30:00 PM
Trichloroethene	ND	310	μg/Kg-dry	83.333	12/14/2004 2:30:00 PM
Vinyl chloride	290	210	μg/Kg-dry	83.333	12/14/2004 2:30:00 PM
NOTES:					
The reporting limits were raised due	to the high concentration	on of target comp	ounds.		
PERCENT MOISTURE		D2216			Analyst: SL
Percent Moisture	19.1	0.00100	wt%	1	12/17/2004

Approved I	зу:	H	Date:	12-17-04	Page 19 of 46
Qualifiers:	*	Low Level	**	Value exceeds Maximum Contaminan	t Value
	В	Analyte detected in the associated Method Blank	Е	Value above quantitation range	
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation lin	mits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery	very limits

07.4 C E :

GZA Geo Environmental

Lab Order:

CLIENT:

U0412247

**Project:** 

Curtis Screw

Lab ID:

U0412247-008

Date: 17-Dec-04

Client Sample ID: SP-7 6-8

Collection Date: 12/11/2004 4:00:00 PM

Matrix: SOIL

Analyses	Result	Limit	Qual Units	DF	Date Analyzed
BASE/NEUTRAL-SEMIVOLATILE ORGANICS		SW82	SW8270C (SW3550		Analyst: KL
1,2,4-Trichlorobenzene	ND	330	μg/Kg	-dry 1	12/15/2004 6:28:00 PM
1,2-Dichlorobenzene	ND	330	μg/Kg	-dry 1	12/15/2004 6:28:00 PM
1,3-Dichlorobenzene	ND	330	μg/Kg	-	12/15/2004 6:28:00 PM
1,4-Dichlorobenzene	ND	330	μg/Kg	-dry 1	12/15/2004 6:28:00 PM
2,4-Dinitrotoluene	ND	330	μg/Kg	-dry 1	12/15/2004 6:28:00 PM
2,6-Dinitrotoluene	ND	330	μg/Kg	-dry 1	12/15/2004 6:28:00 PM
2-Chloronaphthalene	ND	330	μg/Kg	-dry 1	12/15/2004 6:28:00 PM
2-Methylnaphthalene	ND	330	μg/Kg	-dry 1	12/15/2004 6:28:00 PM
2-Nitroaniline	ND	3300	μg/Kg	-dry 1	12/15/2004 6:28:00 PM
3,3'-Dichlorobenzidine	ND	330	μg/Kg	-dry 1	12/15/2004 6:28:00 PM
3-Nitroaniline	ND	3300	µg/Kg	-dry 1	12/15/2004 6:28:00 PM
4-Bromophenyl phenyl ether	ND	330	μg/Kg	-dry 1	12/15/2004 6:28:00 PM
4-Chloroaniline	ND	330	μg/Kg	-dry 1	12/15/2004 6:28:00 PM
4-Chlorophenyl phenyl ether	ND	330	μg/Kg	-dry 1	12/15/2004 6:28:00 PM
4-Nitroaniline	ND	3300	μg/Kg	-dry 1	12/15/2004 6:28:00 PM
Acenaphthene	ND	330	μg/Kg	-dry 1	12/15/2004 6:28:00 PM
Acenaphthylene	ND	330	μg/Kg	-dry 1	12/15/2004 6:28:00 PM
Anthracene	ND	330	μg/Kg	-dry 1	12/15/2004 6:28:00 PM
Benz(a)anthracene	ND	330	μg/Kg	-dry 1	12/15/2004 6:28:00 PM
Benzo(a)pyrene	ND	330	μg/Kg	-dry 1	12/15/2004 6:28:00 PM
Benzo(b)fluoranthene	ND	330	μg/Kg		12/15/2004 6:28:00 PM
Benzo(g,h,i)perylene	ND	330	μg/Kg		12/15/2004 6:28:00 PM
Benzo(k)fluoranthene	ND	330	μg/Kg		12/15/2004 6:28:00 PM
Bis(2-chloroethoxy)methane	ND	330	μg/Kg		12/15/2004 6:28:00 PM
Bis(2-chloroethyl)ether	ND	330	μg/Kg		12/15/2004 6:28:00 PM
Bis(2-chloroisopropyl)ether	. ND	330	μg/Kg		12/15/2004 6:28:00 PM
Bis(2-ethylhexyl)phthalate	ND	330	μg/Kg	-dry 1	12/15/2004 6:28:00 PM
Butyl benzyl phthalate	ND	330	μg/Kg	-dry 1	12/15/2004 6:28:00 PM
Carbazole	ND	330	ug/Kg	-dry 1	12/15/2004 6:28:00 PM
Chrysene	ND	330	μg/Kg	-dry 1	12/15/2004 6:28:00 PM
Di-n-butyl phthalate	ND	330	μg/Kg	•	12/15/2004 6:28:00 PM
Di-n-octyl phthalate	ND	330	μg/Kg		12/15/2004 6:28:00 PM
Dibenz(a,h)anthracene	ND	330	μg/Kg		12/15/2004 6:28:00 PM
Dibenzofuran	ND	330	μg/Kg		12/15/2004 6:28:00 PM
Diethyl phthalate	ND	330	μg/Kg		12/15/2004 6:28:00 PM
Dimethyl phthalate	ND	330	μg/Kg		12/15/2004 6:28:00 PM
Fluoranthene	ND	330	μg/Kg	•	12/15/2004 6:28:00 PM
Fluorene	ND	330	μg/Kg	· -	12/15/2004 6:28:00 PM
Hexachlorobenzene	ND	330	μg/Kg		12/15/2004 6:28:00 PM

Approved By:

Qualifiers:

PF

Low Level

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

Date: 17-17-04

Page 20 of 46

- * Value exceeds Maximum Contaminant Value
- E Value above quantitation range
- J Analyte detected below quantitation limits
- Spike Recovery outside accepted recovery limits

Date: 17-Dec-04

**CLIENT:** 

GZA Geo Environmental

Lab Order:

U0412247

Project:

Curtis Screw

Lab ID:

U0412247-008

Client Sample ID: SP-7 6-8

Collection Date: 12/11/2004 4:00:00 PM

Matrix: SOIL

Analyses	Result	Limit	Qual Un	its	DF	Date Analyzed
BASE/NEUTRAL-SEMIVOLATILE ORGANICS		SW82	SW8270C (		50A)	Analyst: KL
Hexachlorobutadiene	ND	330	μg/ł	Kg-dry	1	12/15/2004 6:28:00 PM
Hexachlorocyclopentadiene	ND	330	μg/l	(g-dry	1	12/15/2004 6:28:00 PM
Hexachloroethane	ND	330	μg/ŀ	<g-dry< td=""><td>1</td><td>12/15/2004 6:28:00 PM</td></g-dry<>	1	12/15/2004 6:28:00 PM
Indeno(1,2,3-cd)pyrene	ND	330	μg/⊦	(g-dry	1	12/15/2004 6:28:00 PM
Isophorone	ND	330	μg/ł	Kg-dry	1	12/15/2004 6:28:00 PM
N-Nitrosodi-n-propylamine	ND	330	μg/l	<g-dry< td=""><td>1</td><td>12/15/2004 6:28:00 PM</td></g-dry<>	1	12/15/2004 6:28:00 PM
N-Nitrosodiphenylamine	ND	330	μg/ŀ	<g-dry< td=""><td>1</td><td>12/15/2004 6:28:00 PM</td></g-dry<>	1	12/15/2004 6:28:00 PM
Naphthalene	ND	330	μg/l	(g-dry	1	12/15/2004 6:28:00 PM
Nitrobenzene	ND	330	μg/ŀ	(g-dry	1	12/15/2004 6:28:00 PN
Phenanthrene	ND	330	μg/ł	(g-dry	1	12/15/2004 6:28:00 PM
Pyrene	ND	330	μg/ŀ	(g-dry	1	12/15/2004 6:28:00 PN
TCL VOLATILE ORGANICS		SW82	260B			Analyst: RS
1,1,1-Trichloroethane	ND	3.0	μg/ł	(g-dry	1	12/13/2004 3:31:00 PN
1,1,2,2-Tetrachloroethane	ND	3.0	μg/k	(g-dry	1	12/13/2004 3:31:00 PM
1,1,2-Trichloroethane	ND	3.0	μg/k	(g-dry	1	12/13/2004 3:31:00 PN
1,1-Dichloroethane	ND	3.0	μg/ŀ	(g-dry	1	12/13/2004 3:31:00 PM
1,1-Dichloroethene	ND	3.0	μg/k	(g-dry	1	12/13/2004 3:31:00 PM
1,2-Dichloroethane	ND	3.0		(g-dry	1	12/13/2004 3:31:00 PM
1,2-Dichloropropane	ND	3.0	µg/k	(g-dry	1	12/13/2004 3:31:00 PM
2-Butanone	ND	10	μg/k	(g-dry	1	12/13/2004 3:31:00 PM
2-Hexanone	ND	10	μg/k	(g-dry	1	12/13/2004 3:31:00 PM
4-Methyl-2-pentanone	ND	10	μg/k	(g-dry	1	12/13/2004 3:31:00 PM
Acetone	ND	10	μg/k	(g-dry	1	12/13/2004 3:31:00 PM
Benzene	ND	3.0	μg/k	(g-dry	1	12/13/2004 3:31:00 PM
Bromodichloromethane	ND	3.0	μg/k	(g-dry	1	12/13/2004 3:31:00 PM
Bromoform	ND	3.0	μg/k	(g-dry	1	12/13/2004 3:31:00 PM
Bromomethane	ND	3.0	μg/k	(g-dry	1	12/13/2004 3:31:00 PM
Carbon disulfide	ND	3.0	μg/k	(g-dry	1	12/13/2004 3:31:00 PM
Carbon tetrachloride	ND	3.0		(g-dry	1	12/13/2004 3:31:00 PM
Chlorobenzene	ND	3.0	μg/K	(g-dry	1	12/13/2004 3:31:00 PM
Chloroethane	ND	3.0	μg/K	g-dry	1	12/13/2004 3:31:00 PM
Chloroform	ND	3.0	μg/K	g-dry	1	12/13/2004 3:31:00 PM
Chloromethane	ND	3.0		g-dry	1	12/13/2004 3:31:00 PM
cis-1,2-Dichloroethene	4.2	3.0		g-dry	1	12/13/2004 3:31:00 PM
cis-1,3-Dichloropropene	ND	3.0		g-dry	1	12/13/2004 3:31:00 PM
Dibromochloromethane	ND	3.0		g-dry	1	12/13/2004 3:31:00 PM
Ethylbenzene	ND	3.0		g-dry	1	12/13/2004 3:31:00 PM
m,p-Xylene	ND	3.0		g-dry	1	12/13/2004 3:31:00 PM

# Approved By:

Qualifiers:

- Low Level
- Analyte detected in the associated Method Blank
- Н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit

Date:

Page 21 of 46

- Value exceeds Maximum Contaminant Value
- E Value above quantitation range
- Analyte detected below quantitation limits
- Spike Recovery outside accepted recovery limits

GZA Geo Environmental

Lab Order: Project:

CLIENT:

U0412247

Curtis Screw

Lab ID:

U0412247-008

Date: 17-Dec-04

Client Sample ID: SP-7 6-8

Collection Date: 12/11/2004 4:00:00 PM

Matrix: SOIL

Analyses	Result	Limit Qu	al Units	DF	Date Analyzed
TCL VOLATILE ORGANICS		SW8260	В		Analyst: <b>RS</b>
Methylene chloride	ND	3.0	μg/Kg-dry	1 .	12/13/2004 3:31:00 PM
o-Xylene	ND	3.0	μg/Kg-dry	1	12/13/2004 3:31:00 PM
Styrene	ND	3.0	μg/Kg-dry	1	12/13/2004 3:31:00 PM
Tetrachloroethene	ND	3.0	μg/Kg-dry	1	12/13/2004 3:31:00 PM
Toluene	ND	3.0	μg/Kg-dry	1	12/13/2004 3:31:00 PM
trans-1,2-Dichloroethene	ND	3.0	μg/Kg-dry	1	12/13/2004 3:31:00 PM
trans-1,3-Dichloropropene	ND	3.0	μg/Kg-dry	1	12/13/2004 3:31:00 PM
Trichloroethene	23	3.0	μg/Kg-dry	1	12/13/2004 3:31:00 PM
Vinyl chloride	ND	2.0	μg/Kg-dry	1	12/13/2004 3:31:00 PM
PERCENT MOISTURE		D2216			Analyst: SL
Percent Moisture	0.828	0.00100	wt%	1	12/17/2004

Approved I	Зу:	PF	Date:	12-17-04	Page 22 of 46
Oualifiers:	*	Low Level	**	Value exceeds Maximum Contaminant	Value
	В	Analyte detected in the associated Method Blank	Е	Value above quantitation range	
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation lin	
		Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recov	ery limits

Date: 17-Dec-04

**CLIENT:** 

GZA Geo Environmental

Lab Order:

U0412247

Project:

Curtis Screw

Lab ID:

U0412247-009

Client Sample ID: SP-9 4-5.3

Collection Date: 12/11/2004 10:00:00 AM

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BASE/NEUTRAL-SEMIVOLATILE ORGANICS		SW82	270C	(SW35	50A)	Analyst: <b>KL</b>
1,2,4-Trichlorobenzene	ND	350		μg/Kg-dry	1 .	12/15/2004 7:06:00 PM
1,2-Dichlorobenzene	ND	350		μg/Kg-dry	1	12/15/2004 7:06:00 PM
1,3-Dichlorobenzene	ND	350		μg/Kg-dry	1	12/15/2004 7:06:00 PM
1,4-Dichlorobenzene	ND	350		μg/Kg-dry	1	12/15/2004 7:06:00 PM
2,4-Dinitrotoluene	ND	350		μg/Kg-dry	1	12/15/2004 7:06:00 PM
2,6-Dinitrotoluene	ND	350		μg/Kg-dry	1	12/15/2004 7:06:00 PM
2-Chloronaphthalene	ND	350		μg/Kg <b>-</b> dry	1	12/15/2004 7:06:00 PM
2-Methylnaphthalene	ND	350		μg/Kg-dry	1	12/15/2004 7:06:00 PM
2-Nitroaniline	ND	3500		μg/Kg-dry	1	12/15/2004 7:06:00 PM
3,3'-Dichlorobenzidine	ND	350		μg/Kg-dry	1	12/15/2004 7:06:00 PM
3-Nitroaniline	ND	3500		μg/Kg-dry	1	12/15/2004 7:06:00 PM
4-Bromophenyl phenyl ether	ND	350		μg/Kg-dry	1	12/15/2004 7:06:00 PM
4-Chloroaniline	ND	350		μg/Kg-dry	1	12/15/2004 7:06:00 PM
4-Chlorophenyl phenyl ether	ND	350		μg/Kg-dry	1	12/15/2004 7:06:00 PM
4-Nitroaniline	ND	3500		μg/Kg-dry	1	12/15/2004 7:06:00 PM
Acenaphthene	ND	350		μg/Kg-dry	1	12/15/2004 7:06:00 PM
Acenaphthylene	ND	350		μg/Kg-dry	1	12/15/2004 7:06:00 PM
Anthracene	ND	350		μg/Kg-dry	1	12/15/2004 7:06:00 PM
Benz(a)anthracene	ND	350		μg/Kg-dry	1	12/15/2004 7:06:00 PM
Benzo(a)pyrene	ND	350		μg/Kg-dry	1	12/15/2004 7:06:00 PM
Benzo(b)fluoranthene	ND	350		μg/Kg-dry	1	12/15/2004 7:06:00 PM
Benzo(g,h,i)perylene	ND	350		μg/Kg-dry	1	12/15/2004 7:06:00 PM
Benzo(k)fluoranthene	ND	350		µg/Kg-dry	1	12/15/2004 7:06:00 PM
Bis(2-chloroethoxy)methane	ND	350		μg/Kg-dry	1	12/15/2004 7:06:00 PM
Bis(2-chloroethyl)ether	ND	350		μg/Kg-dry	1	12/15/2004 7:06:00 PM
Bis(2-chloroisopropyl)ether	ND	350		μg/Kg-dry	1	12/15/2004 7:06:00 PM
Bis(2-ethylhexyl)phthalate	690	350		µg/Kg-dry	1	12/15/2004 7:06:00 PM
Butyl benzyl phthalate	ND	350		µg/Kg-dry	1	12/15/2004 7:06:00 PM
Carbazole	ND	350		µg/Kg-dry	1	12/15/2004 7:06:00 PM
Chrysene	ND	350		µg/Kg-dry	1	12/15/2004 7:06:00 PM
Di-n-butyl phthalate	ND	350		µg/Kg-dry	1	12/15/2004 7:06:00 PM
Di-n-octyl phthalate	ND	350		µg/Kg-dry	1	12/15/2004 7:06:00 PM
Dibenz(a,h)anthracene	ND	350		µg/Kg-dry	1	12/15/2004 7:06:00 PM
Dibenzofuran	ND	350		µg/Kg-dry µg/Kg-dry	1	12/15/2004 7:06:00 PM
Diethyl phthalate	ND	350		ug/Kg-dry	1	12/15/2004 7:06:00 PM
Dimethyl phthalate	ND	350	•	ug/Kg-dry	1	12/15/2004 7:06:00 PM 12/15/2004 7:06:00 PM
Fluoranthene	ND	350		ug/Kg-dry ug/Kg-dry	1	12/15/2004 7:06:00 PM 12/15/2004 7:06:00 PM
Fluorene	ND	350		ug/Kg-dry	1	
Hexachlorobenzene	ND ND	350		ug/Kg-dry ug/Kg-dry	1	12/15/2004 7:06:00 PM 12/15/2004 7:06:00 PM

Approved By:

Qualifiers:

- Low Level
- В Analyte detected in the associated Method Blank
- Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit

Date:

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- Value exceeds Maximum Contaminant Value
- Value above quantitation range E
- Analyte detected below quantitation limits
- Spike Recovery outside accepted recovery limits

GZA Geo Environmental

Lab Order:

U0412247

Project: Lab ID:

CLIENT:

Curtis Screw U0412247-009 Client Sample ID: SP-9 4-5.3

Collection Date: 12/11/2004 10:00:00 AM

Date: 17-Dec-04

Matrix: SOIL

Analyses	Result	Limit C	ual Units	DF	Date Analyzed
BASE/NEUTRAL-SEMIVOLATILE ORGANICS		SW827	OC (SW35	50A)	Analyst: <b>KL</b>
Hexachlorobutadiene	ND	350	μg/Kg-dry	1 .	12/15/2004 7:06:00 PM
Hexachlorocyclopentadiene	ND	350	μg/Kg-dry	1	12/15/2004 7:06:00 PM
Hexachloroethane	ND	350	μg/Kg-dry	1	12/15/2004 7:06:00 PM
indeno(1,2,3-cd)pyrene	ND	350	μg/Kg-dry	1	12/15/2004 7:06:00 PM
Isophorone	ND	350	μg/Kg-dry	1	12/15/2004 7:06:00 PM
N-Nitrosodi-n-propylamine	ND	350	μg/Kg-dry	1	12/15/2004 7:06:00 PM
N-Nitrosodiphenylamine	ND	350	μg/Kg-dry	1	12/15/2004 7:06:00 PM
Naphthalene	ND	350	μg/Kg-dry	1	12/15/2004 7:06:00 PM
Nitrobenzene	ND	350	μg/Kg-dry	1	12/15/2004 7:06:00 PM
Phenanthrene	ND	350	μg/Kg-dry	1	12/15/2004 7:06:00 PM
Pyrene	ND	350	μg/Kg-dry	1	12/15/2004 7:06:00 PM
TCL VOLATILE ORGANICS		SW826	80B		Analyst: RS
1,1,1-Trichloroethane	ND	3.2	μg/Kg-dry	1	12/17/2004 12:33:00 PM
1,1,2,2-Tetrachloroethane	ND	3.2	μg/Kg-dry	1	12/17/2004 12:33:00 PM
1,1,2-Trichloroethane	ND	3.2	μg/Kg-dry	1	12/17/2004 12:33:00 PM
1,1-Dichloroethane	ND	3.2	μg/Kg-dry	1	12/17/2004 12:33:00 PN
1,1-Dichloroethene	ND	3.2	μg/Kg-dry	1	12/17/2004 12:33:00 PM
1,2-Dichloroethane	ND	3.2	μg/Kg-dry	1	12/17/2004 12:33:00 PM
1,2-Dichloropropane	ND	3.2	μg/Kg-dry	1	12/17/2004 12:33:00 PN
2-Butanone	ND	11	μg/Kg-dry	1	12/17/2004 12:33:00 PN
2-Hexanone	ND	11	μg/Kg-dry	1	12/17/2004 12:33:00 PM
4-Methyl-2-pentanone	ND	11	μg/Kg-dry	1	12/17/2004 12:33:00 PM
Acetone	ND	11	μg/Kg-dry	1	12/17/2004 12:33:00 PM
Benzene	ND	3.2	μg/Kg-dry	1	12/17/2004 12:33:00 PM
Bromodichloromethane	ND	3.2	μg/Kg-dry	1	12/17/2004 12:33:00 PN
Bromoform	ND	3.2	μg/Kg-dry	1	12/17/2004 12:33:00 PN
Bromomethane	ND	3.2	μg/Kg-dry	1	12/17/2004 12:33:00 PM
Carbon disulfide	ND	3.2	μg/Kg-dry	1	12/17/2004 12:33:00 PM
Carbon tetrachloride	ND	3.2	μg/Kg-dry	1	12/17/2004 12:33:00 PM
Chlorobenzene	ND	3.2	μg/Kg-dry	1	12/17/2004 12:33:00 PM
Chloroethane	ND	3.2	μg/Kg-dry	1	12/17/2004 12:33:00 PM
Chloroform	ND	3.2	μg/Kg-dry	1	12/17/2004 12:33:00 PM
Chloromethane	ND	3.2	μg/Kg-dry	1	12/17/2004 12:33:00 PM
cis-1,2-Dichloroethene	ND	3.2	μg/Kg-dry	1	12/17/2004 12:33:00 Pt
cis-1,3-Dichloropropene	ND	3.2	μg/Kg-dry	1	12/17/2004 12:33:00 PI
Dibromochloromethane	ND	3.2	μg/Kg-dry	1	12/17/2004 12:33:00 P
Ethylbenzene	ND	3.2	μg/Kg-dry	1	12/17/2004 12:33:00 PI
m,p-Xylene	ND	3.2	μg/Kg-dry	1	12/17/2004 12:33:00 PI

Approved	Ву:	PF
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Qualifiers:

Low Level

- Analyte detected in the associated Method Blank В
- Holding times for preparation or analysis exceeded Н
- Not Detected at the Reporting Limit ND

12-17-04 Date:

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- Value exceeds Maximum Contaminant Value
- E Value above quantitation range
- Analyte detected below quantitation limits J
- Spike Recovery outside accepted recovery limits

Date: 17-Dec-04

**CLIENT:** 

GZA Geo Environmental

Lab Order:

U0412247

**Project:** 

Curtis Screw

Lab ID:

U0412247-009

Client Sample ID: SP-9 4-5.3

Collection Date: 12/11/2004 10:00:00 AM

Matrix: SOIL

Analyses	Result	Limit Qu	al Units	DF	Date Analyzed
TCL VOLATILE ORGANICS	SW8260B			`	Analyst: RS
Methylene chloride	ND	3.2	μg/Kg-dry	1.	- 12/17/2004 12:33:00 PM
o-Xylene	ND	3.2	μg/Kg-dry	1	12/17/2004 12:33:00 PM
Styrene	ND	3.2	μg/Kg-dry	1	12/17/2004 12:33:00 PM
Tetrachloroethene	ND	3.2	μg/Kg-dry	1	12/17/2004 12:33:00 PM
Toluene	ND	3.2	μg/Kg-dry	1	12/17/2004 12:33:00 PM
trans-1,2-Dichloroethene	ND	3.2	μg/Kg-dry	1	12/17/2004 12:33:00 PM
trans-1,3-Dichloropropene	ND	3.2	μg/Kg-dry	1	12/17/2004 12:33:00 PM
Trichloroethene	8.6	3.2	μg/Kg-dry	1	12/17/2004 12:33:00 PM
Vinyl chloride	ND	2.1	μg/Kg-dry	. 1	12/17/2004 12:33:00 PM
PERCENT MOISTURE		D2216		,	Analyst: SL
Percent Moisture	5.21	0.00100	wt%	1	12/17/2004

Approved 1	Ву:	PF	Date:	12-17-04
Qualifiers:	*	Low Level	**	Value exceeds Maximum (
	В	Analyte detected in the associated Method Blank	E	Value above quantitation ra
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below qua

ND Not Detected at the Reporting Limit

Contaminant Value

Page 25 of 46

range

Analyte detected below quantitation limits

Spike Recovery outside accepted recovery limits

GZA Geo Environmental

Client Sample ID: SP-10 0-2

**CLIENT:** 

U0412247

Lab Order:

Collection Date: 12/11/2004 11:00:00 AM

Date: 17-Dec-04

Project: Lab ID: **Curtis Screw** U0412247-010

Matrix: SOIL

Analyses	Result	Limit Qua	d Units	DF	Date Analyzed
TCL VOLATILE ORGANICS		SW8260E		Analyst: RS	
1,1,1-Trichioroethane	ND	3.1	μg/Kg-dry	1	12/13/2004 5:02:00 PM
1,1,2,2-Tetrachloroethane	ND	3.1	μg/Kg-dry	1	12/13/2004 5:02:00 PM
1,1,2-Trichloroethane	ND	3.1	μg/Kg-dry	1	12/13/2004 5:02:00 PM
1,1-Dichloroethane	ND	3.1	μg/Kg-dry	1	12/13/2004 5:02:00 PM
1,1-Dichloroethene	ND	3.1	μg/Kg-dry	1	12/13/2004 5:02:00 PM
1,2-Dichloroethane	ND	3.1	μg/Kg-dry	1	12/13/2004 5:02:00 PM
1,2-Dichloropropane	ND	3.1	μg/Kg-dry	1	12/13/2004 5:02:00 PM
2-Butanone	ND	10	μg/Kg-dry	1	12/13/2004 5:02:00 PM
2-Hexanone	ND	10	μg/Kg-dry	1	12/13/2004 5:02:00 PM
4-Methyl-2-pentanone	ND	10	μg/Kg-dry	1	12/13/2004 5:02:00 PM
Acetone	ND	10	μg/Kg-dry	1	12/13/2004 5:02:00 PM
Benzene	ND	3.1	µg/Kg-dry	1	12/13/2004 5:02:00 PM
Bromodichloromethane	ND	3,1	μg/Kg-dry	1	12/13/2004 5:02:00 PM
Bromoform	ND	3.1	μg/Kg-dry	1	12/13/2004 5:02:00 PM
Bromomethane	ND	3.1	μg/Kg-dry	1	12/13/2004 5:02:00 PM
Carbon disulfide	ND	3.1	μg/Kg-dry	1	12/13/2004 5:02:00 PM
Carbon tetrachloride	. ND	3.1	μg/Kg-dry	1	12/13/2004 5:02:00 PM
Chlorobenzene	ND	3.1	μg/Kg-dry	1	12/13/2004 5:02:00 PM
Chloroethane	ND	3.1	μg/Kg-dry	1	12/13/2004 5:02:00 PM
Chloroform	ND	3.1	μg/Kg-dry	1	12/13/2004 5:02:00 PM
Chloromethane	ND	3.1	μg/Kg-dry	1	12/13/2004 5:02:00 PM
cis-1,2-Dichloroethene	ND	3.1	μg/Kg-dry	1	12/13/2004 5:02:00 PM
cis-1,3-Dichloropropene	ND	3.1	μg/Kg-dry	1	12/13/2004 5:02:00 PM
Dibromochloromethane	ND	3.1	μg/Kg-dry	1	12/13/2004 5:02:00 PM
Ethylbenzene	ND	3.1	μg/Kg-dry	1	12/13/2004 5:02:00 PM
m,p-Xylene	ND	3.1	μg/Kg-dry	1	12/13/2004 5:02:00 PM
Methylene chloride	ND	3.1	μg/Kg-dry	1	12/13/2004 5:02:00 PM
o-Xylene	ND	3.1	μg/Kg-dry	1	12/13/2004 5:02:00 PM
Styrene	ND	3.1	μg/Kg-dry	1	12/13/2004 5:02:00 PM
Tetrachloroethene	ND	3.1	μg/Kg-dry	1	12/13/2004 5:02:00 PM
Toluene	ND	3.1	μg/Kg-dry	1	12/13/2004 5:02:00 PM
trans-1,2-Dichloroethene	ND	3.1	μg/Kg-dry	1	12/13/2004 5:02:00 PM
tráns-1,3-Dichloropropene	ND	3.1	μg/Kg-dry	1	12/13/2004 5:02:00 PM
Trichloroethene	ND	3.1	μg/Kg-dry	1	12/13/2004 5:02:00 PM
	ND	2.0	μg/Kg-dry	1	12/13/2004 5:02:00 PM
Vinyl chloride	110		,		
PERCENT MOISTURE		D2216			Analyst: SL
Percent Moisture	2.24	0.00100	wt%	1	12/17/2004

Approved By:

Qualifiers: Low Level

- Analyte detected in the associated Method Blank
- Holding times for preparation or analysis exceeded Н
- Not Detected at the Reporting Limit

Date:

Page 26 of 46

- Value exceeds Maximum Contaminant Value
- Value above quantitation range E
- Analyte detected below quantitation limits
- Spike Recovery outside accepted recovery limits

**CLIENT:** 

GZA Geo Environmental

Lab Order:

U0412247

Project:

**Curtis Screw** 

Lab ID:

U0412247-011

Date: 17-Dec-04

Client Sample ID: SP-11 0-2

Collection Date: 12/11/2004 12:00:00 PM

Matrix: SOIL

Analyses	Result	Limit Qu	ial Units	DF	Date Analyzed
BASE/NEUTRAL-SEMIVOLATILE ORGANICS		SW8270	C (SW35	50A)	Analyst: KL
1,2,4-Trichlorobenzene	ND	340	μg/Kg-dry	1	12/15/2004 7:43:00 PM
1,2-Dichlorobenzene	ND .	340	μg/Kg-dry	1	12/15/2004 7:43:00 PM
1,3-Dichlorobenzene	ND	340	μg/Kg-dry	1	12/15/2004 7:43:00 PM
1,4-Dichlorobenzene	ND	340	μg/Kg-dry	1	12/15/2004 7:43:00 PM
2,4-Dinitrotoluene	ND	340	μg/Kg-dry	1	12/15/2004 7:43:00 PM
2,6-Dinitrotoluene	ND	340	μg/Kg-dry	1	12/15/2004 7:43:00 PM
2-Chloronaphthalene	ND	340	μg/Kg-dry	1	12/15/2004 7:43:00 PM
2-Methylnaphthalene	ND	340	μg/Kg-dry	1	12/15/2004 7:43:00 PM
2-Nitroaniline	ND	3400	μg/Kg-dry	1	12/15/2004 7:43:00 PM
3,3´-Dichlorobenzidine	ND.	340	μg/Kg-dry	1	12/15/2004 7:43:00 PM
3-Nitroaniline	ND	3400	μg/Kg-dry	1	12/15/2004 7:43:00 PM
4-Bromophenyl phenyl ether	ND	340	μg/Kg-dry	1	12/15/2004 7:43:00 PM
4-Chloroaniline	ND	340	μg/Kg-dry	1	12/15/2004 7:43:00 PM
4-Chlorophenyl phenyl ether	ND	340	μg/Kg-dry	1	12/15/2004 7:43:00 PM
4-Nitroaniline	ND	3400	μg/Kg-dry	1	12/15/2004 7:43:00 PM
Acenaphthene	ND	340	μg/Kg-dry	1	12/15/2004 7:43:00 PM
Acenaphthylene	ND	340	μg/Kg-dry	1	12/15/2004 7:43:00 PM
Anthracene	ND	340	μg/Kg-dry	1	12/15/2004 7:43:00 PM
Benz(a)anthracene	ND	340	μg/Kg-dry	1	12/15/2004 7:43:00 PM
Benzo(a)pyrene	ND	340	μg/Kg-dry	1	12/15/2004 7:43:00 PM
Benzo(b)fluoranthene	ND	340	μg/Kg-dry	1	12/15/2004 7:43:00 PM
Benzo(g,h,i)perylene	ND	340	μg/Kg-dry	1	12/15/2004 7:43:00 PM
Benzo(k)fluoranthene	ND	340	µg/Kg-dry	1	12/15/2004 7:43:00 PM
Bis(2-chloroethoxy)methane	ND	340	μg/Kg-dry	1	12/15/2004 7:43:00 PM
Bis(2-chloroethyl)ether	ND	340	μg/Kg-dry	1	12/15/2004 7:43:00 PM
Bis(2-chloroisopropyl)ether	ND	340	μg/Kg-dry	1	12/15/2004 7:43:00 PM
Bis(2-ethylhexyl)phthalate	ND	340	μg/Kg-dry	1	12/15/2004 7:43:00 PM
Butyl benzyl phthalate	ND	340	μg/Kg-dry	1	12/15/2004 7:43:00 PM
Carbazole	ND	340	μg/Kg-dry	1	12/15/2004 7:43:00 PM
Chrysene	ND	340	μg/Kg-dry	1	12/15/2004 7:43:00 PM
Di-n-butyl phthalate	ND	340	μg/Kg-dry	1	12/15/2004 7:43:00 PM
Di-n-octyl phthalate	ND	340	μg/Kg-dry	1	12/15/2004 7:43:00 PM
Dibenz(a,h)anthracene	ND	340	μg/Kg-dry	1	12/15/2004 7:43:00 PM
Dibenzofuran	ND	340	μg/Kg-dry	1	12/15/2004 7:43:00 PM
Diethyl phthalate	ND	340	μg/Kg-dry	1	12/15/2004 7:43:00 PM
Dimethyl phthalate	ND	340	μg/Kg-dry	1	12/15/2004 7:43:00 PM
Fluoranthene	ND	340	μg/Kg-dry	1	12/15/2004 7:43:00 PM
Fluorene	ND	340	μg/Kg-dry	1	12/15/2004 7:43:00 PM
Hexachlorobenzene	ND	340	μg/Kg-dry	1	12/15/2004 7:43:00 PM

#### Approved By: $\bigcirc$

Qualifiers:

Low Level

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

Date: 12-17-04

Page 27 of 46

- Value exceeds Maximum Contaminant Value
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

Date: 17-Dec-04

CLIENT:

GZA Geo Environmental

Lab Order:

U0412247

Project:

**Curtis Screw** 

Lab ID:

U0412247-011

Client Sample ID: SP-11 0-2

Collection Date: 12/11/2004 12:00:00 PM

Matrix: SOIL

Analyses	Result	Limit Qua	l Units	DF	Date Analyzed
BASE/NEUTRAL-SEMIVOLATILE O	RGANICS	SW82700	(SW355	0A)	Analyst: <b>KL</b>
Hexachlorobutadiene	ND	340	μg/Kg-dry	1 .	12/15/2004 7:43:00 PM
Hexachlorocyclopentadiene	ND	340	μg/Kg-dry	1	12/15/2004 7:43:00 PM
Hexachloroethane	ND	340	μg/Kg-dry	1	12/15/2004 7:43:00 PM
Indeno(1,2,3-cd)pyrene	ND	340	μg/Kg-dry	1	12/15/2004 7:43:00 PM
Isophorone	ND	340	μg/Kg-dry	1	12/15/2004 7:43:00 PM
N-Nitrosodi-n-propylamine	ND	340	μg/Kg-dry	1	12/15/2004 7:43:00 PM
N-Nitrosodiphenylamine	ND	340	μg/Kg-dry	1	12/15/2004 7:43:00 PM
Naphthalene	ND	340	μg/Kg-dry	1	12/15/2004 7:43:00 PM
Nitrobenzene	ND	340	μg/Kg-dry	1	12/15/2004 7:43:00 PM
Phenanthrene	ND	340	μg/Kg-dry	1	12/15/2004 7:43:00 PM
Pyrene	ND	340	μg/Kg-dry	1	12/15/2004 7:43:00 PM
TCL VOLATILE ORGANICS		SW8260E	3		Analyst: RS
1,1,1-Trichloroethane	ND	260	μg/Kg-dry	83.333	12/14/2004 3:41:00 PM
1,1,2,2-Tetrachloroethane	ND	260	μg/Kg-dry	83.333	12/14/2004 3:41:00 PM
1,1,2-Trichloroethane	ND	260	μg/Kg-dry	83.333	12/14/2004 3:41:00 PM
1,1-Dichloroethane	ND	260	μg/Kg-dry	83.333	12/14/2004 3:41:00 PM
1,1-Dichloroethene	ND	260	μg/Kg-dry	83.333	12/14/2004 3:41:00 PM
1,2-Dichloroethane	ND	260	μg/Kg-dry	83.333	12/14/2004 3:41:00 PM
1,2-Dichloropropane	ND	260	μg/Kg-dry	83.333	12/14/2004 3:41:00 PM
2-Butanone	ND	870	μg/Kg-dry	83.333	12/14/2004 3:41:00 PM
2-Hexanone	ND	870	μg/Kg-dry	83.333	12/14/2004 3:41:00 PM
4-Methyl-2-pentanone	ND	870	μg/Kg-dry	83.333	12/14/2004 3:41:00 PM
Acetone	ND	870	μg/Kg-dry	83.333	12/14/2004 3:41:00 PM
Benzene	ND	260	μg/Kg-dry	83.333	12/14/2004 3:41:00 PM
Bromodichloromethane	ND	260	μg/Kg-dry	83.333	12/14/2004 3:41:00 PM
Bromoform	ND	260	μg/Kg-dry	83.333	12/14/2004 3:41:00 PN
Bromomethane	ND	260	μg/Kg-dry	83.333	12/14/2004 3:41:00 PN
Carbon disulfide	ND	260	μg/Kg-dry	83.333	12/14/2004 3:41:00 PN
Carbon tetrachloride	ND	260	μg/Kg-dry	83.333	12/14/2004 3:41:00 PN
Chlorobenzene	ND	260	μg/Kg-dry	83.333	12/14/2004 3:41:00 PM
Chloroethane	ND	260	μg/Kg-dry	83.333	12/14/2004 3:41:00 PM
Chloroform	ND	260	μg/Kg-dry	83.333	12/14/2004 3:41:00 PM
Chloromethane	ND	260	μg/Kg-dry	83.333	12/14/2004 3:41:00 PM
cis-1,2-Dichloroethene	ND	260	μg/Kg-dry	83.333	
cis-1,3-Dichloropropene	ND	260	μg/Kg-dry	83.333	
Dibromochloromethane	ND	260	μg/Kg-dry	83.333	
Ethylbenzene	ND	260	μg/Kg-dry	83.333	
m,p-Xylene	ND	260	μg/Kg-dry	83.333	12/14/2004 3:41:00 PM

Approved	By:	PE

Qualifiers:

- Low Level
- Analyte detected in the associated Method Blank В
- Holding times for preparation or analysis exceeded Н
- Not Detected at the Reporting Limit ND

Date:

Page 28 of 46

- Value exceeds Maximum Contaminant Value
- Value above quantitation range E
- Analyte detected below quantitation limits
- Spike Recovery outside accepted recovery limits

Date: 17-Dec-04

**CLIENT:** 

GZA Geo Environmental

Lab Order:

U0412247

Project:

Curtis Screw

Lab ID:

U0412247-011

Client Sample ID: SP-11,0-2

Collection Date: 12/11/2004 12:00:00 PM

Analyses	Result	Limit Qu	al Units	DF	Date Analyzed
TCL VOLATILE ORGANICS		SW82601	В		Analyst: RS
Methylene chloride	ND	260	μg/Kg-dry	83.333	12/14/2004 3:41:00 PM
o-Xylene	ND	260	μg/Kg-dry	83.333	12/14/2004 3:41:00 PM
Styrene	ND	260	μg/Kg-dry	83.333	12/14/2004 3:41:00 PM
Tetrachloroethene	ND	260	μg/Kg-dry	83.333	12/14/2004 3:41:00 PM
Toluene	ND	260	μg/Kg-dry	83.333	12/14/2004 3:41:00 PM
trans-1,2-Dichloroethene	ND	260	μg/Kg-dry	83.333	12/14/2004 3:41:00 PM
trans-1,3-Dichloropropene	ND	260	μg/Kg-dry	83.333	12/14/2004 3:41:00 PM
Trichloroethene	ND	260	μg/Kg-dry	83.333	12/14/2004 3:41:00 PM
Vinyl chloride	ND	180	μg/Kg-dry	83.333	12/14/2004 3:41:00 PM
NOTES:					
The reporting limits were raised due	to matrix interference.	·			
PERCENT MOISTURE		D2216			Analyst: SL
Percent Moisture	4.08	0.00100	wt%	1	12/17/2004

Approved I	Ву: _	PF	Date:	17-17-04	Page 29 of 46
Qualifiers:	*	Low Level		Value exceeds Maximum Contaminant	Ū
	В	Analyte detected in the associated Method Blank	Е	Value above quantitation range	· · ·
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation lir	nits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recov	

Date: 17-Dec-04

CLIENT: Lab Order: GZA Geo Environmental

U0412247

Project:

Curtis Screw

Lab ID:

U0412247-012

Client Sample ID: SP-12 0-2

Collection Date: 12/11/2004 1:00:00 PM

Matrix: SOIL

Analyses	Result	Limit Qu	al Units	DF	Date Analyzed
BASE/NEUTRAL-SEMIVOLATILE ORGANICS		SW8270	C (SW355	i0A)	Analyst: <b>KL</b>
1,2,4-Trichlorobenzene	ND	340	μg/Kg-dry	1	12/15/2004 8:21:00 PM
1,2-Dichlorobenzene	ND	340	μg/Kg-dry	1	12/15/2004 8:21:00 PM
1,3-Dichlorobenzene	ND	340	μg/Kg-dry	1	12/15/2004 8:21:00 PM
1,4-Dichlorobenzene	ND	340	μg/Kg-dry	1	12/15/2004 8:21:00 PM
2,4-Dinitrotoluene	ND	340	μg/Kg-dry	1	12/15/2004 8:21:00 PM
2,6-Dinitrotoluene	ND	340	μg/Kg-dry	1	12/15/2004 8:21:00 PM
2-Chloronaphthalene	ND	340	μg/Kg-dry	1	12/15/2004 8:21:00 PM
2-Methylnaphthalene	ND	340	μg/Kg-dry	1	12/15/2004 8:21:00 PM
2-Nitroaniline	ND	3400	μg/Kg-dry	1	12/15/2004 8:21:00 PM
3.3'-Dichlorobenzidine	ND	340	μg/Kg-dry	1	12/15/2004 8:21:00 PM
3-Nitroaniline	ND	3400	μg/Kg-dry	1	12/15/2004 8:21:00 PM
4-Bromophenyl phenyl ether	ND	340	μg/Kg-dry	1	12/15/2004 8:21:00 PM
4-Chloroaniline	ND	340	μg/Kg-dry	1	12/15/2004 8:21:00 PM
4-Chlorophenyl phenyl ether	ND	340	μg/Kg-dry	1	12/15/2004 8:21:00 PM
4-Nitroaniline	ND	3400	μg/Kg-dry	1	12/15/2004 8:21:00 PM
Acenaphthene	ND	340	μg/Kg-dry	1	12/15/2004 8:21:00 PM
Acenaphthylene	ND	340	μg/Kg-dry	1	12/15/2004 8:21:00 PM
Anthracene	ND	340	μg/Kg-dry	1	12/15/2004 8:21:00 PM
Benz(a)anthracene	ND	340	μg/Kg-dry	1	12/15/2004 8:21:00 PM
Benzo(a)pyrene	ND	340	μg/Kg-dry	1	12/15/2004 8:21:00 PM
Benzo(b)fluoranthene	ND	340	μg/Kg-dry	1	12/15/2004 8:21:00 PM
Benzo(g,h,i)perylene	ND	340	μg/Kg-dry	1	12/15/2004 8:21:00 PM
Benzo(k)fluoranthene	ND	340	μg/Kg-dry	1	12/15/2004 8:21:00 PM
Bis(2-chloroethoxy)methane	ND	340	μg/Kg-dry	1	12/15/2004 8:21:00 PM
Bis(2-chloroethyl)ether	ND	340	μg/Kg-dry	1	12/15/2004 8:21:00 PM
Bis(2-chloroisopropyl)ether	ND	340	μg/Kg-dry	1	12/15/2004 8:21:00 PM
Bis(2-ethylhexyl)phthalate	ND	340	μg/Kg-dry	1	12/15/2004 8:21:00 PM
Butyl benzyl phthalate	ND	340	μg/Kg-dry	1	12/15/2004 8:21:00 PM
Carbazole	ND	340	μg/Kg-dry	1	12/15/2004 8:21:00 PM
	ND	340	μg/Kg-dry	1	12/15/2004 8:21:00 PM
Chrysene Di-n-butyl phthalate	ND	340	μg/Kg-dry	1	12/15/2004 8:21:00 PM
Di-n-octyl phthalate	ND	340	μg/Kg-dry	1	12/15/2004 8:21:00 PM
	ND	340	μg/Kg-dry	1	12/15/2004 8:21:00 PM
Dibenz(a,h)anthracene	ND	340	μg/Kg-dry	1	12/15/2004 8:21:00 PM
Dibenzofuran	ND	340	μg/Kg-dry	1	12/15/2004 8:21:00 PM
Diethyl phthalate	ND	340	μg/Kg-dry	1	12/15/2004 8:21:00 PM
Dimethyl phthalate	ND	340	μg/Kg-dry	1	12/15/2004 8:21:00 PM
Fluoranthene	ND	340	μg/Kg-dry	1	12/15/2004 8:21:00 PM
Fluorene Hexachlorobenzene	ND ND	340	μg/Kg-dry	1	12/15/2004 8:21:00 PM

Approved By:

Qualifiers:

PF

Low Level

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

Date: 12-17-04

Page 30 of 46

- Value exceeds Maximum Contaminant Value
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

Date: 17-Dec-04

CLIENT:

GZA Geo Environmental

Lab Order:

U0412247

Project:

Curtis Screw

Lab ID:

U0412247-012

Client Sample ID: SP-12 0-2

**Collection Date:** 12/11/2004 1:00:00 PM

Matrix: SOIL

Hexachlorocyclopentadiene	Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Hexachlorobutadiene	BASE/NEUTRAL-SEMIVOLATILE	ORGANICS	SW8	270C	(SW35	50A)	Analyst: <b>KL</b>
Hexachlorocyclopentadiene	Hexachlorobutadiene	ND	340		-	1	12/15/2004 8:21:00 PM
Indeno(1,2,3-cd)pyrene	Hexachlorocyclopentadiene	ND	340		µg/Kg-dry		12/15/2004 8:21:00 PM
Isophorone	Hexachloroethane	ND	340		μg/Kg-dry	1	12/15/2004 8:21:00 PM
N-Nitrosodi-n-propylamine ND 340 µg/Kg-dry 1 12/15/2004 8:21:00 PN N-Nitrosodiphenylamine ND 340 µg/Kg-dry 1 12/15/2004 8:21:00 PN Naphthalene ND 340 µg/Kg-dry 1 12/15/2004 8:21:00 PN Nitrobenzene ND 340 µg/Kg-dry 1 12/15/2004 8:21:00 PN Nitrobenzene ND 340 µg/Kg-dry 1 12/15/2004 8:21:00 PN Phenanthrene ND 340 µg/Kg-dry 1 12/15/2004 8:21:00 PN Phenanthrene ND 340 µg/Kg-dry 1 12/15/2004 8:21:00 PN Pyrene ND 340 µg/Kg-dry 1 12/15/2004 8:21:00 PN Pyrene ND 340 µg/Kg-dry 1 12/15/2004 8:21:00 PN Pyrene ND 340 µg/Kg-dry 1 12/15/2004 8:21:00 PN Pyrene ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PN 1,1,2-Trichloroethane ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PN 1,1,2-Trichloroethane ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PN 1,1-Dichloroethane ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PN 1,2-Dichloroethane ND 840 µg/Kg-dry 83.333 12/14/2004 4:16:00 PN 4-Methyl-2-pentanone ND 840 µg/Kg-dry 83.333 12/14/2004 4:16:00 PN 4-Methyl-2-pentanone ND 840 µg/Kg-dry 83.333 12/14/2004 4:16:00 PN 4-Methyl-2-pentanone ND 840 µg/Kg-dry 83.333 12/14/2004 4:16:00 PN 4-Methyl-2-pentanone ND 840 µg/Kg-dry 83.333 12/14/2004 4:16:00 PN 4-Methyl-2-pentanone ND 840 µg/Kg-dry 83.333 12/14/2004 4:16:00 PN 4-Methyl-2-pentanone ND 840 µg/Kg-dry 83.333 12/14/2004 4:16:00 PN 4-Methyl-2-pentanone ND 850 µg/Kg-dry 83.333 12/14/2004 4:16:00 PN 4-Methyl-2-pentanone ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PN 4-Methyl-2-pentanone ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PN 4-Methyl-2-pentanone ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PN 4-Methyl-2-pentanone ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PN 4-Methyl-2-pentanone ND 250 µg/Kg-dry 83.333 12/14/2004	Indeno(1,2,3-cd)pyrene	ND	340		μg/Kg-dry	1	12/15/2004 8:21:00 PM
N-Nitrosodi-n-propylamine   ND   340   µg/Kg-dry   1   12/15/2004 8:21:00 PM   N-Nitrosodiphenylamine   ND   340   µg/Kg-dry   1   12/15/2004 8:21:00 PM   N-Nitrosodiphenylamine   ND   340   µg/Kg-dry   1   12/15/2004 8:21:00 PM   Nitrobenzene   ND   340   µg/Kg-dry   1   12/15/2004 8:21:00 PM   Nitrobenzene   ND   340   µg/Kg-dry   1   12/15/2004 8:21:00 PM   Nitrobenzene   ND   340   µg/Kg-dry   1   12/15/2004 8:21:00 PM   Nitrobenzene   ND   340   µg/Kg-dry   1   12/15/2004 8:21:00 PM   Nitrobenzene   ND   340   µg/Kg-dry   1   12/15/2004 8:21:00 PM   Nitrobenzene   ND   340   µg/Kg-dry   1   12/15/2004 8:21:00 PM   Nitrobenzene   ND   340   µg/Kg-dry   1   12/15/2004 8:21:00 PM   Nitrobenzene   ND   250   µg/Kg-dry   83.333   12/14/2004 4:16:00 PM   1,1,1-Tichiloroethane   ND   250   µg/Kg-dry   83.333   12/14/2004 4:16:00 PM   1,1,2-Tichiloroethane   ND   250   µg/Kg-dry   83.333   12/14/2004 4:16:00 PM   1,1-Dichiloroethane   ND   250   µg/Kg-dry   83.333   12/14/2004 4:16:00 PM   1,2-Dichiloroethane   ND   840   µg/Kg-dry   83.333   12/14/2004 4:16:00 PM   1,2-Dichiloroethane   ND   840   µg/Kg-dry   83.333   12/14/2004 4:16:00 PM   1,2-Dichiloroethane   ND   250   µg/Kg-dry   83.333   12/14/2004 4:16:00 PM   1,2-Dichiloroethane   ND   250   µg/Kg-dry   83.333   12/14/2004 4:16:00 PM   1,2-Dichiloroethane   ND   250   µg/Kg-dry   83.333   12/14/2004 4:16:00 PM   1,2-Dichiloroethane   ND   250   µg/Kg-dry   83.333   12/14/2004 4:16:00 PM   1,2-Dichiloroethane   ND   250   µg/Kg-dry   83.333   12/14/2004 4:16:00 PM   1,2-Dichiloroethane   ND   250   µg/Kg-dry   83.333   12/14/2004 4:16:00 PM   1,2-Dichiloroethane   ND   250   µg/Kg-dry   83.333   12/14/2004 4:16:00 PM   1,2-Dichiloroethane   ND   2	Isophorone	ND	340		μg/Kg-dry	1	12/15/2004 8:21:00 PM
N-Nitrosodiphenylamine ND 340 µg/Kg-dry 1 12/15/2004 8:21:00 PN Naphthalene ND 340 µg/Kg-dry 1 12/15/2004 8:21:00 PN Phenanthrene ND 340 µg/Kg-dry 1 12/15/2004 8:21:00 PN Phenanthrene ND 340 µg/Kg-dry 1 12/15/2004 8:21:00 PN Phenanthrene ND 340 µg/Kg-dry 1 12/15/2004 8:21:00 PN Pyrene ND 340 µg/Kg-dry 1 12/15/2004 8:21:00 PN Pyrene ND 340 µg/Kg-dry 1 12/15/2004 8:21:00 PN Pyrene ND 340 µg/Kg-dry 1 12/15/2004 8:21:00 PN Pyrene ND 340 µg/Kg-dry 1 12/15/2004 8:21:00 PN Pyrene ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PN 1,1-2-Tichloroethane ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PN 1,1-Dichloroethane ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PN 1,1-Dichloroethane ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PN 1,1-Dichloroethane ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PN 1,2-Dichloroethane ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PN 2-Butanone ND 840 µg/Kg-dry 83.333 12/14/2004 4:16:00 PN 2-Butanone ND 840 µg/Kg-dry 83.333 12/14/2004 4:16:00 PN 2-Hektyl-2-pentanone ND 840 µg/Kg-dry 83.333 12/14/2004 4:16:00 PN 2-Hektyl-2-pentanone ND 840 µg/Kg-dry 83.333 12/14/2004 4:16:00 PN 2-Hektyl-2-pentanone ND 840 µg/Kg-dry 83.333 12/14/2004 4:16:00 PN 2-Hoethyl-2-pentanone ND 840 µg/Kg-dry 83.333 12/14/2004 4:16:00 PN 2-Hoethyl-2-pentanone ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM 2-Hoethyl-2-pentanone ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM 2-Hoethyl-2-pentanone ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM 2-Hoethyl-2-pentanone ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM 2-Hoethyl-2-pentanone ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM 2-Hoethyl-2-pentanone ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM 2-Hoethyl-2-pentanone ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM 2-Hoethyl-2-pentanone ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM 2-Hoethyl-2-pentanone ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM 2-Hoe	N-Nitrosodi-n-propylamine	ND	340		-	1	12/15/2004 8:21:00 PM
Naphthalene         ND         340         µg/Kg-dry         1         12/15/2004 8:21:00 PM           Nitrobenzene         ND         340         µg/Kg-dry         1         12/15/2004 8:21:00 PM           Phenanthrene         ND         340         µg/Kg-dry         1         12/15/2004 8:21:00 PM           Pyrene         ND         340         µg/Kg-dry         1         12/15/2004 8:21:00 PM           FOL VOLATILE ORGANICS         SW8260B         Analyst: RS           1.1,1-Trichloroethane         ND         250         µg/Kg-dry         83.333         12/14/2004 4:16:00 PM           1.1,2-Trichloroethane         ND         250         µg/Kg-dry         83.333         12/14/2004 4:16:00 PM           1.1-Dichloroethane         ND         250         µg/Kg-dry         83.333         12/14/2004 4:16:00 PM           1.1-Dichloroethane         ND         250         µg/Kg-dry         83.333         12/14/2004 4:16:00 PM           1.1-Dichloroethane         ND         250         µg/Kg-dry         83.333         12/14/2004 4:16:00 PM           1.2-Dichloroethane         ND         250         µg/Kg-dry         83.333         12/14/2004 4:16:00 PM           1.2-Dichloroethane         ND         250         µg/Kg-dry	N-Nitrosodiphenylamine	ND	340			1	
ND 340 µg/Kg-dry 1 12/15/2004 8:21:00 PM Phenanthrene ND 340 µg/Kg-dry 1 12/15/2004 8:21:00 PM Pyrene ND 340 µg/Kg-dry 1 12/15/2004 8:21:00 PM Pyrene ND 340 µg/Kg-dry 1 12/15/2004 8:21:00 PM Pyrene ND 340 µg/Kg-dry 1 12/15/2004 8:21:00 PM Pyrene ND 340 µg/Kg-dry 1 12/15/2004 8:21:00 PM Pyrene ND 340 µg/Kg-dry 1 12/15/2004 8:21:00 PM STILL 1,1-Trichloroethane ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM 1,1.2-Tetrachloroethane ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM 1,1-Dichloroethane ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM 1,1-Dichloroethane ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM 1,1-Dichloroethane ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM 1,2-Dichloroethane ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM 1,2-Dichloroethane ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM 1,2-Dichloroethane ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM 1,2-Dichloropropane ND 840 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM 1,2-Dichloropropane ND 840 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM 1,2-Dichloroethane ND 840 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM 1,2-Dichloroethane ND 840 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM 1,2-Dichloroethane ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM 1,2-Dichloroethane ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM 1,2-Dichloroethane ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM 1,2-Dichloroethane ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM 1,2-Dichloroethane ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM 1,2-Dichloroethane ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM 1,2-Dichloroethane ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM 1,2-Dichloroethane ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM 1,2-Dichloroethane ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM 1,2-Dichloroethane ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM 1,2-Dichloroethane ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM 1,2-Dichloroethane ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM 1,2-Dichloroethane ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM 1,2-Dichloroethane ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM 1,2-Dic	Naphthalene	ND	340			1	12/15/2004 8:21:00 PM
Phenanthrene   ND   340   μg/Kg-dry   1   12/15/2004 8:21:00 PM   Pyrene   ND   340   μg/Kg-dry   1   12/15/2004 8:21:00 PM   Pyrene   ND   340   μg/Kg-dry   1   12/15/2004 8:21:00 PM   Pyrene   ND   340   μg/Kg-dry   1   12/15/2004 8:21:00 PM   Pyrene   ND   250   μg/Kg-dry   83.333   12/14/2004 4:16:00 PM   1,1,2-Teirachloroethane   ND   250   μg/Kg-dry   83.333   12/14/2004 4:16:00 PM   1,1,2-Trichloroethane   ND   250   μg/Kg-dry   83.333   12/14/2004 4:16:00 PM   1,1-Dichloroethane   ND   250   μg/Kg-dry   83.333   12/14/2004 4:16:00 PM   1,1-Dichloroethane   ND   250   μg/Kg-dry   83.333   12/14/2004 4:16:00 PM   1,1-Dichloroethane   ND   250   μg/Kg-dry   83.333   12/14/2004 4:16:00 PM   1,2-Dichloroethane   ND   840   μg/Kg-dry   83.333   12/14/2004 4:16:00 PM   1,2-Dichloroethane   ND   840   μg/Kg-dry   83.333   12/14/2004 4:16:00 PM   1,2-Dichloroethane   ND   840   μg/Kg-dry   83.333   12/14/2004 4:16:00 PM   1,2-Dichloroethane   ND   840   μg/Kg-dry   83.333   12/14/2004 4:16:00 PM   1,2-Dichloroethane   ND   250   μg/Kg-dry   83.333   12/14/2004 4:16:00 PM   1,2-Dichloroethane   ND   250   μg/Kg-dry   83.333   12/14/2004 4:16:00 PM   1,2-Dichloroethane   ND   250   μg/Kg-dry   83.333   12/14/2004 4:16:00 PM   1,2-Dichloroethane   ND   250   μg/Kg-dry   83.333   12/14/2004 4:16:00 PM   1,2-Dichloroethane   ND   250   μg/Kg-dry   83.333   12/14/2004 4:16:00 PM   1,2-Dichloroethane   ND   250   μg/Kg-dry   83.333   12/14/2004 4:16:00 PM   1,2-Dichloroethane   ND   250   μg/Kg-dry   83.333   12/14/2004 4:16:00 PM   1,2-Dichloroethane   ND   250   μg/Kg-dry   83.333   12/14/2004 4:16:00 PM   1,2-Dichloroethane   ND   250   μg/Kg-dry   83.333   12/14/2004 4:16:00 PM   1,2-Dichloroethane   ND   250   μg/Kg-dry   83.333   12/14/2004 4:16:00 PM   1,2-Dichloroethane   ND   250	Nitrobenzene	ND	340			1	
Pyrene	Phenanthrene	ND	340		· •	1	
1,1,1-Trichloroethane         ND         250         µg/kg-dry         83.333         12/14/2004 4:16:00 PM           1,1,2,2-Tetrachloroethane         ND         250         µg/kg-dry         83.333         12/14/2004 4:16:00 PM           1,1,2-Trichloroethane         ND         250         µg/kg-dry         83.333         12/14/2004 4:16:00 PM           1,1-Dichloroethane         ND         250         µg/kg-dry         83.333         12/14/2004 4:16:00 PM           1,1-Dichloroethane         ND         250         µg/kg-dry         83.333         12/14/2004 4:16:00 PM           1,2-Dichloroethane         ND         250         µg/kg-dry         83.333         12/14/2004 4:16:00 PM           1,2-Dichloropropane         ND         250         µg/kg-dry         83.333         12/14/2004 4:16:00 PM           2-Butanone         ND         840         µg/kg-dry         83.333         12/14/2004 4:16:00 PM           2-Hexanone         ND         840         µg/kg-dry         83.333         12/14/2004 4:16:00 PM           2-Hexanone         ND         840         µg/kg-dry         83.333         12/14/2004 4:16:00 PM           2-Hexanone         ND         840         µg/kg-dry         83.333         12/14/2004 4:16:00 PM	Pyrene	ND	340				12/15/2004 8:21:00 PM
1,1,1-Trichloroethane         ND         250         µg/Kg-dry         83.333         12/14/2004 4:16:00 PM           1,1,2,2-Tetrachloroethane         ND         250         µg/Kg-dry         83.333         12/14/2004 4:16:00 PM           1,1,2-Trichloroethane         ND         250         µg/Kg-dry         83.333         12/14/2004 4:16:00 PM           1,1-Dichloroethane         ND         250         µg/Kg-dry         83.333         12/14/2004 4:16:00 PM           1,1-Dichloroethane         ND         250         µg/Kg-dry         83.333         12/14/2004 4:16:00 PM           1,2-Dichloroethane         ND         250         µg/Kg-dry         83.333         12/14/2004 4:16:00 PM           1,2-Dichloroethane         ND         250         µg/Kg-dry         83.333         12/14/2004 4:16:00 PM           1,2-Dichloropropane         ND         840         µg/Kg-dry         83.333         12/14/2004 4:16:00 PM           2-Butanone         ND         840         µg/Kg-dry         83.333         12/14/2004 4:16:00 PM           2-Hexanone         ND         840         µg/Kg-dry         83.333         12/14/2004 4:16:00 PM           4-Methyl-2-pentanone         ND         840         µg/Kg-dry         83.333         12/14/2004 4:16:00 PM <td>TCL VOLATILE ORGANICS</td> <td></td> <td>SW82</td> <td>260B</td> <td></td> <td></td> <td>Analyst: RS</td>	TCL VOLATILE ORGANICS		SW82	260B			Analyst: RS
1.1.2.2-Tetrachloroethane         ND         250         µg/Kg-dry         83.333         12/14/2004 4:16:00 PM           1.1.2-Trichloroethane         ND         250         µg/Kg-dry         83.333         12/14/2004 4:16:00 PM           1.1-Dichloroethane         ND         250         µg/Kg-dry         83.333         12/14/2004 4:16:00 PM           1.1-Dichloroethane         ND         250         µg/Kg-dry         83.333         12/14/2004 4:16:00 PM           1.2-Dichloroethane         ND         250         µg/Kg-dry         83.333         12/14/2004 4:16:00 PM           1.2-Dichloroethane         ND         250         µg/Kg-dry         83.333         12/14/2004 4:16:00 PM           1.2-Dichloropropane         ND         840         µg/Kg-dry         83.333         12/14/2004 4:16:00 PM           2-Butanone         ND         840         µg/Kg-dry         83.333         12/14/2004 4:16:00 PM           2-Hexanone         ND         840         µg/Kg-dry         83.333         12/14/2004 4:16:00 PM           4-Methyl-2-pentanone         ND         840         µg/Kg-dry         83.333         12/14/2004 4:16:00 PM           4-Methyl-2-pentanone         ND         840         µg/Kg-dry         83.333         12/14/2004 4:16:00 PM	1,1,1-Trichloroethane	ND	250		µg/Kg-dry	83.333	
1,1,2-Trichloroethane       ND       250       μg/Kg-dry       83.333       12/14/2004 4:16:00 PM         1,1-Dichloroethane       ND       250       μg/Kg-dry       83.333       12/14/2004 4:16:00 PM         1,1-Dichloroethane       ND       250       μg/Kg-dry       83.333       12/14/2004 4:16:00 PM         1,2-Dichloroethane       ND       250       μg/Kg-dry       83.333       12/14/2004 4:16:00 PM         1,2-Dichloropropane       ND       250       μg/Kg-dry       83.333       12/14/2004 4:16:00 PM         2-Butanone       ND       840       μg/Kg-dry       83.333       12/14/2004 4:16:00 PM         2-Hexanone       ND       840       μg/Kg-dry       83.333       12/14/2004 4:16:00 PM         4-Methyl-2-pentanone       ND       840       μg/Kg-dry       83.333       12/14/2004 4:16:00 PM         Acetone       ND       840       μg/Kg-dry       83.333       12/14/2004 4:16:00 PM         Benzene       ND       840       μg/Kg-dry       83.333       12/14/2004 4:16:00 PM         Beromofichloromethane       ND       250       μg/Kg-dry       83.333       12/14/2004 4:16:00 PM         Bromodichloromethane       ND       250       μg/Kg-dry       83.333       12/14/200	1,1,2,2-Tetrachloroethane	ND	250		μg/Kg-dry	83.333	•
1,1-Dichloroethane         ND         250         µg/Kg-dry         83.333         12/14/2004 4:16:00 PM           1,1-Dichloroethene         ND         250         µg/Kg-dry         83.333         12/14/2004 4:16:00 PM           1,2-Dichloroethane         ND         250         µg/Kg-dry         83.333         12/14/2004 4:16:00 PM           1,2-Dichloropropane         ND         250         µg/Kg-dry         83.333         12/14/2004 4:16:00 PM           2-Butanone         ND         840         µg/Kg-dry         83.333         12/14/2004 4:16:00 PM           2-Hexanone         ND         840         µg/Kg-dry         83.333         12/14/2004 4:16:00 PM           4-Methyl-2-pentanone         ND         840         µg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Acetone         ND         840         µg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Acetone         ND         840         µg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Acetone         ND         840         µg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Benzene         ND         250         µg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Bromodichloromethane	1,1,2-Trichloroethane	ND	250		μg/Kg-dry	83.333	
1,1-Dichloroethene         ND         250         µg/Kg-dry         83.333         12/14/2004 4:16:00 PM           1,2-Dichloroethane         ND         250         µg/Kg-dry         83.333         12/14/2004 4:16:00 PM           1,2-Dichloropropane         ND         250         µg/Kg-dry         83.333         12/14/2004 4:16:00 PM           2-Butanone         ND         840         µg/Kg-dry         83.333         12/14/2004 4:16:00 PM           2-Hexanone         ND         840         µg/Kg-dry         83.333         12/14/2004 4:16:00 PM           4-Methyl-2-pentanone         ND         840         µg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Acetone         ND         840         µg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Acetone         ND         840         µg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Benzene         ND         250         µg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Bromodichloromethane         ND         250         µg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Bromoderm         ND         250         µg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Bromodichloromethane	1,1-Dichloroethane	ND	250	,	μg/Kg-dry	83.333	
1,2-Dichloroethane       ND       250       µg/Kg-dry       83.333       12/14/2004 4:16:00 PM         1,2-Dichloropropane       ND       250       µg/Kg-dry       83.333       12/14/2004 4:16:00 PM         2-Butanone       ND       840       µg/Kg-dry       83.333       12/14/2004 4:16:00 PM         2-Hexanone       ND       840       µg/Kg-dry       83.333       12/14/2004 4:16:00 PM         4-Methyl-2-pentanone       ND       840       µg/Kg-dry       83.333       12/14/2004 4:16:00 PM         Acetone       ND       840       µg/Kg-dry       83.333       12/14/2004 4:16:00 PM         Benzene       ND       250       µg/Kg-dry       83.333       12/14/2004 4:16:00 PM         Bromodichloromethane       ND       250       µg/Kg-dry       83.333       12/14/2004 4:16:00 PM         Bromoform       ND       250       µg/Kg-dry       83.333       12/14/2004 4:16:00 PM         Bromomethane       ND       250       µg/Kg-dry       83.333       12/14/2004 4:16:00 PM         Carbon disulfide       ND       250       µg/Kg-dry       83.333       12/14/2004 4:16:00 PM         Carbon tetrachloride       ND       250       µg/Kg-dry       83.333       12/14/2004 4:16:00 PM	1,1-Dichloroethene	ND	250			83.333	
1,2-Dichloropropane       ND       250       µg/Kg-dry       83,333       12/14/2004 4:16:00 PM         2-Butanone       ND       840       µg/Kg-dry       83.333       12/14/2004 4:16:00 PM         2-Hexanone       ND       840       µg/Kg-dry       83.333       12/14/2004 4:16:00 PM         4-Methyl-2-pentanone       ND       840       µg/Kg-dry       83.333       12/14/2004 4:16:00 PM         Acetone       ND       840       µg/Kg-dry       83.333       12/14/2004 4:16:00 PM         Benzene       ND       250       µg/Kg-dry       83.333       12/14/2004 4:16:00 PM         Bromodichloromethane       ND       250       µg/Kg-dry       83.333       12/14/2004 4:16:00 PM         Bromoform       ND       250       µg/Kg-dry       83.333       12/14/2004 4:16:00 PM         Bromomethane       ND       250       µg/Kg-dry       83.333       12/14/2004 4:16:00 PM         Carbon disulfide       ND       250       µg/Kg-dry       83.333       12/14/2004 4:16:00 PM         Carbon tetrachloride       ND       250       µg/Kg-dry       83.333       12/14/2004 4:16:00 PM         Chlorobenzene       ND       250       µg/Kg-dry       83.333       12/14/2004 4:16:00 PM	1,2-Dichloroethane	ND	250			83,333	
2-Butanone ND 840 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM 2-Hexanone ND 840 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM 4-Methyl-2-pentanone ND 840 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM Acetone ND 840 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM Acetone ND 840 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM Benzene ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM Bromodichloromethane ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM Bromomethane ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM Bromomethane ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM Bromomethane ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM Carbon disulfide ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM Chlorobenzene ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM Chlorobenzene ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM Chloroform ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM Chloroform ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM Chloroform ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM Cis-1,2-Dichloroethene ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM Cis-1,3-Dichloropropene ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM Cis-1,3-Dichloropropene ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM Cis-1,3-Dichloropropene ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM Cis-1,3-Dichloropropene ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM Cis-1,3-Dichloropropene ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM Cis-1,3-Dichloropropene ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM Cis-1,3-Dichloropropene ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM Cis-1,3-Dichloropropene ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM Cis-1,3-Dichloropropene ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM Cis-1,3-Dichloropropene ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM Cis-1,3-Dichloropropene ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM Cis-1,3-Dichloropropene ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM RD 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM RD 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM RD 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM RD 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM RD 250 µg/Kg	1,2-Dichloropropane	ND	250		•	83.333	
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4-Methyl-2-pentanone       ND       840       μg/kg-dry       83.333       12/14/2004 4:16:00 PM         Acetone       ND       840       μg/kg-dry       83.333       12/14/2004 4:16:00 PM         Benzene       ND       250       μg/kg-dry       83.333       12/14/2004 4:16:00 PM         Bromodichloromethane       ND       250       μg/kg-dry       83.333       12/14/2004 4:16:00 PM         Bromoform       ND       250       μg/kg-dry       83.333       12/14/2004 4:16:00 PM         Bromomethane       ND       250       μg/kg-dry       83.333       12/14/2004 4:16:00 PM         Carbon disulfide       ND       250       μg/kg-dry       83.333       12/14/2004 4:16:00 PM         Carbon tetrachloride       ND       250       μg/kg-dry       83.333       12/14/2004 4:16:00 PM         Chlorobenzene       ND       250       μg/kg-dry       83.333       12/14/2004 4:16:00 PM         Chlorosthane       ND       250       μg/kg-dry       83.333       12/14/2004 4:16:00 PM         Chloromethane       ND       250       μg/kg-dry       83.333       12/14/2004 4:16:00 PM         Chloromethane       ND       250       μg/kg-dry       83.333       12/14/2004 4:16:00 PM	2-Hexanone	ND	840		•		
Acetone         ND         840         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Benzene         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Bromodichloromethane         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Bromoform         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Bromomethane         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Carbon disulfide         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Carbon tetrachloride         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Chlorobenzene         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Chlorotethane         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Chloroform         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Chloromethane         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           cis-1,3-Dichloroethene	4-Methyl-2-pentanone	ND	840			-	
Benzene         ND         250         μg/kg-dry         83.333         12/14/2004 4:16:00 PM           Bromodichloromethane         ND         250         μg/kg-dry         83.333         12/14/2004 4:16:00 PM           Bromoform         ND         250         μg/kg-dry         83.333         12/14/2004 4:16:00 PM           Bromomethane         ND         250         μg/kg-dry         83.333         12/14/2004 4:16:00 PM           Carbon disulfide         ND         250         μg/kg-dry         83.333         12/14/2004 4:16:00 PM           Carbon tetrachloride         ND         250         μg/kg-dry         83.333         12/14/2004 4:16:00 PM           Chlorobenzene         ND         250         μg/kg-dry         83.333         12/14/2004 4:16:00 PM           Chloroethane         ND         250         μg/kg-dry         83.333         12/14/2004 4:16:00 PM           Chloroform         ND         250         μg/kg-dry         83.333         12/14/2004 4:16:00 PM           Chloromethane         ND         250         μg/kg-dry         83.333         12/14/2004 4:16:00 PM           Cis-1,2-Dichloroethene         ND         250         μg/kg-dry         83.333         12/14/2004 4:16:00 PM           cis-1,3-Dichloroprop	Acetone	ND	840		· · · - •		
Bromodichloromethane         ND         250         µg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Bromoform         ND         250         µg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Bromomethane         ND         250         µg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Carbon disulfide         ND         250         µg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Carbon tetrachloride         ND         250         µg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Chlorobenzene         ND         250         µg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Chloroethane         ND         250         µg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Chloromethane         ND         250         µg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Cis-1,2-Dichloroethene         ND         250         µg/Kg-dry         83.333         12/14/2004 4:16:00 PM           cis-1,3-Dichloropropene         ND         250         µg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Dibromochloromethane         ND         250         µg/Kg-dry         83.333         12/14/2004 4:16:00 PM	Benzene	ND	250				
Bromoform         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Bromomethane         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Carbon disulfide         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Carbon tetrachloride         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Chlorobenzene         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Chloroform         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Chloromethane         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Chloromethane         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Chloromethane         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           cis-1,2-Dichloroethene         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Dibromochloromethane         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Ethylbenzene<	Bromodichloromethane	ND	250				
Bromomethane         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Carbon disulfide         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Carbon tetrachloride         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Chlorobenzene         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Chloroethane         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Chloromethane         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Chloromethane         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           cis-1,2-Dichloroethene         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           cis-1,3-Dichloropropene         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Dibromochloromethane         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Ethylbenzene         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM	Bromoform	ND					
Carbon disulfide         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Carbon tetrachloride         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Chlorobenzene         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Chloroethane         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Chloroform         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Chloromethane         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Cis-1,2-Dichloroethene         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           cis-1,3-Dichloropropene         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Dibromochloromethane         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Ethylbenzene         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM	Bromomethane	ND			· · · ·		
Carbon tetrachloride  ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM Chlorobenzene  ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM Chloroethane  ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM Chloroform  ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM Chloromethane  ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM Cis-1,2-Dichloroethene  ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM cis-1,3-Dichloropropene  ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM Dibromochloromethane  ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM Dibromochloromethane  ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM Dibromochloromethane  ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM Dibromochloromethane  ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM Dibromochloromethane  ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM Dibromochloromethane  ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM	Carbon disulfide	ND					
Chlorobenzene         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Chloroethane         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Chloroform         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Chloromethane         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           cis-1,2-Dichloroethene         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           cis-1,3-Dichloropropene         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Dibromochloromethane         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Ethylbenzene         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM	Carbon tetrachloride	ND	250		· · · - •		
Chloroethane         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Chloroform         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Chloromethane         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           cis-1,2-Dichloroethene         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           cis-1,3-Dichloropropene         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Dibromochloromethane         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Ethylbenzene         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM	Chlorobenzene	ND	250				
Chloroform         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Chloromethane         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           cis-1,2-Dichloroethene         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           cis-1,3-Dichloropropene         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Dibromochloromethane         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Ethylbenzene         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           m p-Xylene         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM	Chloroethane	ND	250				
Chloromethane         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           cis-1,2-Dichloroethene         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           cis-1,3-Dichloropropene         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Dibromochloromethane         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Ethylbenzene         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           m p-Xylene         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM	Chloroform	ND					
cis-1,2-Dichloroethene ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM cis-1,3-Dichloropropene ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM Dibromochloromethane ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM Ethylbenzene ND 250 µg/Kg-dry 83.333 12/14/2004 4:16:00 PM mp-Yylana	Chloromethane						
cis-1,3-Dichloropropene         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Dibromochloromethane         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Ethylbenzene         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           m p-Xylene         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM	cis-1,2-Dichloroethene						
Dibromochloromethane         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           Ethylbenzene         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM           m p-Yylana         ND         250         μg/Kg-dry         83.333         12/14/2004 4:16:00 PM	cis-1,3-Dichloropropene						
Ethylbenzene ND 250 μg/Kg-dry 83.333 12/14/2004 4:16:00 PM					•		
m n-Yylana 95.555 12/14/2004 4:16:00 PM	Ethylbenzene						
	m,p-Xylene	ND	250		μg/Kg-dry μg/Kg-dry	83.333	12/14/2004 4:16:00 PM 12/14/2004 4:16:00 PM

Approved By:  $\rho$ 

Qualifiers:

- Low Level
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

Date: 12-17-04

Page 31 of 46

- Value exceeds Maximum Contaminant Value
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

GZA Geo Environmental

Lab Order: U0412247

CLIENT:

Project: Curtis Screw

**Lab ID:** U0412247-012

Date: 17-Dec-04

Client Sample ID: SP-12 0-2

**Collection Date:** 12/11/2004 1:00:00 PM

Analyses	Result	Limit Qual	Units	DF	Date Analyzed
TCL VOLATILE ORGANICS		SW8260B			Analyst: RS
Methylene chloride	ND	250	μg/Kg-dry	83.333	12/14/2004 4:16:00 PM
o-Xylene	ND	250	μg/Kg-dry	83.333	12/14/2004 4:16:00 PM
Styrene	ND	250	μg/Kg-dry	83.333	12/14/2004 4:16:00 PM
Tetrachloroethene	ND	250	μg/Kg-dry	83.333	12/14/2004 4:16:00 PM
Toluene	ND	250	μg/Kg-dry	83.333	12/14/2004 4:16:00 PM
trans-1,2-Dichloroethene	ND	250	μg/Kg-dry	83.333	12/14/2004 4:16:00 PM
trans-1,3-Dichloropropene	ND	250	μg/Kg-dry	83.333	12/14/2004 4:16:00 PM
Trichloroethene	910	250	μg/Kg-dry	83.333	12/14/2004 4:16:00 PM
Vinyl chloride	ND	170	μg/Kg-dry	83.333	12/14/2004 4:16:00 PM
NOTES:	·				
The reporting limits were raised due to th	e high concentrati	on of target compou	ınds.		
PERCENT MOISTURE		D2216			Analyst: SL
Percent Moisture	1.70	0.00100	wt%	1	12/17/2004

Approved I	3y:	PF	Date:	/2-/7-04 Page 32 of 46
Oualifiers:	*	Low Level	**	Value exceeds Maximum Contaminant Value
Q	В	Analyte detected in the associated Method Blank	E	Value above quantitation range
		Holding times for preparation or analysis exceeded		Analyte detected below quantitation limits
		Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

CLIENT: GZA Geo Environmental

**Lab Order:** U0412247

**Project:** Curtis Screw

**Lab ID:** U0412247-013

Date: 17-Dec-04

Client Sample ID: SP-13 14-15.6'

Collection Date: 12/11/2004 2:00:00 PM

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BASE/NEUTRAL-SEMIVOLATILE ORGANICS		SW82	SW8270C		50A)	Analyst: <b>KL</b>
1,2,4-Trichlorobenzene	ND	350		µg/Kg-dry	1	12/16/2004 9:01:00 AM
1,2-Dichlorobenzene	ND	350		µg/Kg-dry	1	12/16/2004 9:01:00 AM
1,3-Dichlorobenzene	ND	350		µg/Kg-dry	1	12/16/2004 9:01:00 AM
1,4-Dichlorobenzene	ND	350		μg/Kg-dry	1	12/16/2004 9:01:00 AM
2,4-Dinitrotoluene	ND	350		μg/Kg-dry	1	12/16/2004 9:01:00 AM
2,6-Dinitrotoluene	ND	350		μg/Kg-dry	1	12/16/2004 9:01:00 AM
2-Chloronaphthalene	ND	350		μg/Kg-dry	1	12/16/2004 9:01:00 AM
2-Methylnaphthalene	ND	350		μg/Kg-dry	1	12/16/2004 9:01:00 AM
2-Nitroaniline	ND	3500		μg/Kg-dry	1	12/16/2004 9:01:00 AM
3,3´-Dichlorobenzidine	ND	350		μg/Kg-dry	1	12/16/2004 9:01:00 AM
3-Nitroaniline	ND	3500		µg/Kg-dry	1	12/16/2004 9:01:00 AM
4-Bromophenyl phenyl ether	ND	350		μg/Kg-dry	1	12/16/2004 9:01:00 AM
4-Chloroaniline	ND	350		μg/Kg-dry	1	12/16/2004 9:01:00 AM
4-Chlorophenyl phenyl ether	ND	350		μg/Kg-dry	1	12/16/2004 9:01:00 AM
4-Nitroaniline	ND	3500		μg/Kg-dry	1	12/16/2004 9:01:00 AM
Acenaphthene	ND	350		μg/Kg-dry	1	12/16/2004 9:01:00 AM
Acenaphthylene	ND	350		μg/Kg-dry	1	12/16/2004 9:01:00 AM
Anthracene	ND	350		μg/Kg-dry	1	12/16/2004 9:01:00 AM
Benz(a)anthracene	ND	350		µg/Kg-dry	1	12/16/2004 9:01:00 AM
Benzo(a)pyrene	ND	350		μg/Kg-dry	1	12/16/2004 9:01:00 AM
Benzo(b)fluoranthene	ND	350		μg/Kg-dry	1	12/16/2004 9:01:00 AM
Benzo(g,h,i)perylene	ND	350		μg/Kg-dry	1	12/16/2004 9:01:00 AM
Benzo(k)fluoranthene	ND	350		μg/Kg-dry	1	12/16/2004 9:01:00 AM
Bis(2-chloroethoxy)methane	ND	350		μg/Kg-dry	1	12/16/2004 9:01:00 AM
Bis(2-chloroethyl)ether	ND	350		μg/Kg-dry	1	12/16/2004 9:01:00 AM
Bis(2-chloroisopropyl)ether	· ND	350		μg/Kg-dry	1	12/16/2004 9:01:00 AM
Bis(2-ethylhexyl)phthalate	ND	350		μg/Kg-dry	1	12/16/2004 9:01:00 AM
Butyl benzyl phthalate	ND	350		μg/Kg-dry	1	12/16/2004 9:01:00 AM
Carbazole	ND	350		μg/Kg-dry	1	12/16/2004 9:01:00 AM
Chrysene	ND	350		μg/Kg-dry	1	12/16/2004 9:01:00 AM
Di-n-butyl phthalate	ND	350		μg/Kg-dry	1	12/16/2004 9:01:00 AM
Di-n-octyl phthalate	ND	350		µg/Kg-dry	1	12/16/2004 9:01:00 AM
Dibenz(a,h)anthracene	ND	350		μg/Kg-dry	1	12/16/2004 9:01:00 AM
Dibenzofuran	ND	350		µg/Kg-dry	1	12/16/2004 9:01:00 AM
Diethyl phthalate	ND	350		µg/Kg-dry	1	12/16/2004 9:01:00 AM
Dimethyl phthalate	ND	350		µg/Kg-dry	1	12/16/2004 9:01:00 AM
Fluoranthene	ND	350		µg/Kg-dry	1	12/16/2004 9:01:00 AM
Fluorene	ND	350		µg/Kg-dry µg/Kg-dry	1	12/16/2004 9:01:00 AM
Hexachlorobenzene	ND	350		µg/Kg-dry	1	12/16/2004 9:01:00 AM

#### Approved By: P

Qualifiers:

Low Level

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

Date: 12-17-04

Page 33 of 46

- Value exceeds Maximum Contaminant Value
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

Date: 17-Dec-04

**CLIENT:** 

GZA Geo Environmental

Client Sample ID: SP-13 14-15.6'

Lab Order:

U0412247

Collection Date: 12/11/2004 2:00:00 PM

Project:

Curtis Screw

Lab ID:

U0412247-013

Matrix: SOIL

Analyses	Result	Limit Qual	Units	DF	Date Analyzed
BASE/NEUTRAL-SEMIVOLATILE ORG	ANICS	SW8270C	(SW35	50A)	Analyst: KL
Hexachlorobutadiene	ND	350	μg/Kg-dry	1	12/16/2004 9:01:00 AM
Hexachlorocyclopentadiene	ND	350	μg/Kg-dry	1	12/16/2004 9:01:00 AM
Hexachloroethane	ND	350	μg/Kg-dry	1	12/16/2004 9:01:00 AM
Indeno(1,2,3-cd)pyrene	ND	350	μg/Kg-dry	1	12/16/2004 9:01:00 AM
Isophorone	ND	350	µg/Kg-dry	1	12/16/2004 9:01:00 AM
N-Nitrosodi-n-propylamine	ND	350	μg/Kg-dry	1	12/16/2004 9:01:00 AM
N-Nitrosodiphenylamine	ND	350	μg/Kg-dry	1	12/16/2004 9:01:00 AM
Naphthalene	ND	350	μg/Kg-dry	1	12/16/2004 9:01:00 AM
Nitrobenzene	ND	350	μg/Kg-dry	1	12/16/2004 9:01:00 AM
Phenanthrene	ND	350	μg/Kg-dry	1	12/16/2004 9:01:00 AM
Pyrene	ND	350	µg/Kg-dry	1	12/16/2004 9:01:00 AM
TCL VOLATILE ORGANICS		SW8260B			Analyst: RS
1,1,1-Trichloroethane	ND	32	μg/Kg-dry	10	12/14/2004 4:52:00 PM
1,1,2,2-Tetrachloroethane	ND	32	μg/Kg-dry	10	12/14/2004 4:52:00 PM
1,1,2-Trichloroethane	ND	32	μg/Kg-dry	10	12/14/2004 4:52:00 PM
1,1-Dichloroethane	ND	32	μg/Kg-dry	10	12/14/2004 4:52:00 PM
1,1-Dichloroethene	ND	32	μg/Kg-dry	10	12/14/2004 4:52:00 PM
1,2-Dichloroethane	ND	32	μg/Kg-dry	10	12/14/2004 4:52:00 PM
1,2-Dichloropropane	ND	32	μg/Kg-dry	10	12/14/2004 4:52:00 PM
2-Butanone	ND	110	μg/Kg-dry	10	12/14/2004 4:52:00 PM
2-Hexanone	ND	110	μg/Kg-dry	10	12/14/2004 4:52:00 PM
4-Methyl-2-pentanone	ND	110	μg/Kg-dry	10	12/14/2004 4:52:00 PM
Acetone	ND .	110	μg/Kg-dry	10	12/14/2004 4:52:00 PM
Benzene	ND	32	μg/Kg-dry	10	12/14/2004 4:52:00 PM
Bromodichloromethane	ND	32	μg/Kg-dry	10	12/14/2004 4:52:00 PM
Bromoform	ND	32	μg/Kg-dry	10	12/14/2004 4:52:00 PM
Bromomethane	· ND	32	μg/Kg-dry	10	12/14/2004 4:52:00 PM
Carbon disulfide	ND	32	μg/Kg-dry	10	12/14/2004 4:52:00 PM
Carbon tetrachloride	ND	32	μg/Kg-dry	10	12/14/2004 4:52:00 PM
Chlorobenzene	ND	32	μg/Kg-dry	10	12/14/2004 4:52:00 PM
Chloroethane	ND	32	μg/Kg-dry	10	12/14/2004 4:52:00 PM
Chloroform	ND	32	μg/Kg-dry	10	12/14/2004 4:52:00 PM
Chloromethane	ND	32	μg/Kg-dry	10	12/14/2004 4:52:00 PM
cis-1,2-Dichloroethene	ND	32	μg/Kg-dry	10	12/14/2004 4:52:00 PM
cis-1,3-Dichloropropene	ND	32	µg/Kg-dry	10	12/14/2004 4:52:00 PM
Dibromochloromethane	ND	32	μg/Kg-dry	10	12/14/2004 4:52:00 PM
Ethylbenzene	ND	32	μg/Kg-dry	10	12/14/2004 4:52:00 PM
m,p-Xylene	ND	32	μg/Kg-dry	10	12/14/2004 4:52:00 PM

		- N	
Approved	D.,,	1/1	
ADDroveu	Dv.		_

Qualifiers:

Low Level

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

Date: /2-/7-04

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- ** Value exceeds Maximum Contaminant Value
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

Date: 17-Dec-04

S Spike Recovery outside accepted recovery limits

CLIENT:

**GZA** Geo Environmental

ND Not Detected at the Reporting Limit

Lab Order:

U0412247

Project:

Curtis Screw

Lab ID:

U0412247-013

Client Sample ID: SP-13 14-15.6'

.....

**Collection Date:** 12/11/2004 2:00:00 PM

Analyses	Result	Limit Qua	al Units	DF	Date Analyzed
TCL VOLATILE ORGANICS		SW8260E	3		Analyst: RS
Methylene chloride	ND	32	μg/Kg-dry	10	12/14/2004 4:52:00 PM
o-Xylene	ND	32	μg/Kg-dry	10	12/14/2004 4:52:00 PM
Styrene	ND	32	μg/Kg-dry	10	12/14/2004 4:52:00 PM
Tetrachloroethene	ND	32	μg/Kg-dry	10-	12/14/2004 4:52:00 PM
Toluene	ND	32	μg/Kg-dry	10	12/14/2004 4:52:00 PM
trans-1,2-Dichloroethene	ND	32	μg/Kg-dry	10	12/14/2004 4:52:00 PM
trans-1,3-Dichloropropene	ND	32	μg/Kg-dry	10	12/14/2004 4:52:00 PM
Trichloroethene	190	32	μg/Kg-dry	10	12/14/2004 4:52:00 PM
Vinyl chloride	ND	21	μg/Kg-dry	10	12/14/2004 4:52:00 PM
NOTES:					
The reporting limits were raised due to	the high concentration	on of target compo	ounds.		
PERCENT MOISTURE		D2216			Analyst: SL
Percent Moisture	6.34	0.00100	wt%	1	12/17/2004

Approved B	<b>y:</b> _	PF	Date:	12-17-04	Page 35 of 46
Qualifiers:	*	Low Level	**	Value exceeds Maximum Contaminant	. Value
	В	Analyte detected in the associated Method Blank	E	Value above quantitation range	
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation lin	nits

Date: 17-Dec-04

**CLIENT:** 

GZA Geo Environmental

Lab Order:

U0412247

Project: Lab ID: Curtis Screw

U0412247-014

Client Sample ID: SP-16 4-7.3

Collection Date: 12/11/2004 3:00:00 PM

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BASE/NEUTRAL-SEMIVOLATILE	ORGANICS	SW82	270C	(SW3550A)		Analyst: KL
1,2,4-Trichlorobenzene	ND	1600		μg/Kg-dry	5	12/16/2004 9:39:00 AM
1,2-Dichlorobenzene	ND	1600		μg/Kg-dry	5	12/16/2004 9:39:00 AM
1,3-Dichlorobenzene	ND	1600		μg/Kg-dry	5	12/16/2004 9:39:00 AM
1,4-Dichlorobenzene	ND	1600		µg/Kg-dry	5	12/16/2004 9:39:00 AM
2,4-Dinitrotoluene	ND	1600		μg/Kg-dry	5	12/16/2004 9:39:00 AM
2,6-Dinitrotoluene	ND	1600		μg/Kg-dry	5	12/16/2004 9:39:00 AM
2-Chloronaphthalene	ND	1600		μg/Kg-dry	5	12/16/2004 9:39:00 AM
2-Methylnaphthalene	ND	1600		μg/Kg-dry	5	12/16/2004 9:39:00 AM
2-Nitroaniline	ND	16000		μg/Kg-dry	5	12/16/2004 9:39:00 AM
3,3'-Dichlorobenzidine	ND	1600		μg/Kg-dry	5	12/16/2004 9:39:00 AM
3-Nitroaniline	ND	16000		μg/Kg-dry	5	12/16/2004 9:39:00 AM
4-Bromophenyl phenyl ether	ND	1600		μg/Kg-dry	5	12/16/2004 9:39:00 AM
4-Chloroaniline	ND	1600		µg/Kg-dry	5	12/16/2004 9:39:00 AM
4-Chlorophenyl phenyl ether	ND	1600		μg/Kg-dry	5	12/16/2004 9:39:00 AM
4-Nitroaniline	ND	16000		μg/Kg-dry	5	12/16/2004 9:39:00 AM
Acenaphthene	ND	1600		μg/Kg-dry	5	12/16/2004 9:39:00 AM
Acenaphthylene	ND	1600		μg/Kg-dry	5	12/16/2004 9:39:00 AM
Anthracene	ND	1600		μg/Kg-dry	5	12/16/2004 9:39:00 AM
Benz(a)anthracene	ND	1600		μg/Kg-dry	5	12/16/2004 9:39:00 AM
Benzo(a)pyrene	ND	1600		μg/Kg-dry	5	12/16/2004 9:39:00 AM
Benzo(b)fluoranthene	ND	1600		μg/Kg-dry	5	12/16/2004 9:39:00 AM
Benzo(g,h,i)perylene	ND	1600		μg/Kg-dry	5	12/16/2004 9:39:00 AN
Benzo(k)fluoranthene	ND	1600		μg/Kg-dry	5	12/16/2004 9:39:00 AN
Bis(2-chloroethoxy)methane	ND	1600		μg/Kg-dry	5	12/16/2004 9:39:00 AN
Bis(2-chloroethyl)ether	ND	1600		μg/Kg-dry	5	12/16/2004 9:39:00 AM
Bis(2-chloroisopropyl)ether	ND	1600		μg/Kg-dry	5	12/16/2004 9:39:00 AM
Bis(2-ethylhexyl)phthalate	ND	1600		μg/Kg-dry	5	12/16/2004 9:39:00 AN
Butyl benzyl phthalate	ND	1600		μg/Kg-dry	5	12/16/2004 9:39:00 AN
Carbazole	ND	1600		μg/Kg-dry	5	12/16/2004 9:39:00 AN
Chrysene	ND	1600		μg/Kg-dry	5	12/16/2004 9:39:00 AM
Di-n-butyl phthalate	ND	1600		μg/Kg-dry	5	12/16/2004 9:39:00 AN
Di-n-octyl phthalate	ND	1600		μg/Kg-dry	5	12/16/2004 9:39:00 AM
Dibenz(a,h)anthracene	ND	1600		μg/Kg-dry	5	12/16/2004 9:39:00 AM
Dibenzofuran	ND	1600		μg/Kg-dry	5	12/16/2004 9:39:00 AM
Diethyl phthalate	ND	1600		μg/Kg-dry	5	12/16/2004 9:39:00 AM
Dimethyl phthalate	ND	1600		μg/Kg-dry	5	12/16/2004 9:39:00 AM
Fluoranthene	ND	1600		μg/Kg-dry	5	12/16/2004 9:39:00 AM
Fluorene	ND	1600		μg/Kg-dry	5	12/16/2004 9:39:00 AM
Hexachlorobenzene	ND	1600		μg/Kg-dry	5	12/16/2004 9:39:00 AM

Approved By: PF

Qualifiers:

Low Level

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

Date: 12-17-04

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- * Value exceeds Maximum Contaminant Value
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

Date: 17-Dec-04

**CLIENT:** 

GZA Geo Environmental

Lab Order:

U0412247

Project:

**Curtis Screw** 

Lab ID:

U0412247-014

Client Sample ID: SP-16 4-7.3

**Collection Date:** 12/11/2004 3:00:00 PM

Matrix: SOIL

Analyses	Result	Limit Q	ual Units	DF	Date Analyzed
BASE/NEUTRAL-SEMIVOLATILE (	ORGANICS	SW827	DC (S'	W3550A)	Analyst: KL
Hexachlorobutadiene	ND	1600	μg/Kg-dr	•	12/16/2004 9:39:00 AM
Hexachlorocyclopentadiene	ND	1600	μg/Kg-dr	y 5	12/16/2004 9:39:00 AM
Hexachioroethane	ND	1600	μg/Kg-dr	y 5	12/16/2004 9:39:00 AM
Indeno(1,2,3-cd)pyrene	ND	1600	μg/Kg-dr		12/16/2004 9:39:00 AM
Isophorone	ND	1600	μg/Kg-dr	y 5	12/16/2004 9:39:00 AM
N-Nitrosodi-n-propylamine	ND	1600	μg/Kg-dr	y 5	12/16/2004 9:39:00 AM
N-Nitrosodiphenylamine	ND	1600	μg/Kg-dr	y 5	12/16/2004 9:39:00 AM
Naphthalene	. ND	1600	µg/Kg-dr	y 5	12/16/2004 9:39:00 AM
Nitrobenzene	ND	1600	μg/Kg-dr	y 5	12/16/2004 9:39:00 AM
Phenanthrene	ND	1600	µg/Kg-dr	y 5	12/16/2004 9:39:00 AM
Pyrene	ND	1600	μg/Kg-dr	y 5	12/16/2004 9:39:00 AM
NOTES:				•	
The reporting limits were raised due to	matrix interference.				
TCL VOLATILE ORGANICS		SW826	0B		Analyst: RS
1,1,1-Trichloroethane	ND	250	μg/Kg-dr	y 83.333	12/14/2004 5:28:00 PM
1,1,2,2-Tetrachloroethane	ND	250	μg/Kg-dr	y 83.333	12/14/2004 5:28:00 PM
1,1,2-Trichloroethane	ND	250	μg/Kg-dr	y 83.333	12/14/2004 5:28:00 PM
1,1-Dichloroethane	ND	250	μg/Kg-dr	y 83.333	12/14/2004 5:28:00 PM
1,1-Dichloroethene	. ND	250	μg/Kg-dr	y 83.333	12/14/2004 5:28:00 PM
1,2-Dichloroethane	ND	250	µg/Kg-dr	y 83.333	12/14/2004 5:28:00 PM
1,2-Dichloropropane	ND	250	μg/Kg-dr	y 83.333	12/14/2004 5:28:00 PM
2-Butanone	ND	830	μg/Kg-dr	y 83.333	12/14/2004 5:28:00 PM
2-Hexanone	ND	830	µg/Kg-dr	y 83.333	12/14/2004 5:28:00 PM
4-Methyl-2-pentanone	ND	830	μg/Kg-dr	y 83.333	12/14/2004 5:28:00 PM
Acetone	ND	830	μg/Kg-dr	y 83.333	12/14/2004 5:28:00 PM
Benzene	· ND	250	μg/Kg-dr	y 83.333	12/14/2004 5:28:00 PM
Bromodichloromethane	ND	250	μg/Kg-dr	y 83.333	12/14/2004 5:28:00 PM
Bromoform	ND	250	μg/Kg-dr		12/14/2004 5:28:00 PM
Bromomethane	ND	250	μg/Kg-dr	y 83.333	12/14/2004 5:28:00 PM
Carbon disulfide	ND	250	μg/Kg-dn		12/14/2004 5:28:00 PM
Carbon tetrachloride	ND	250	μg/Kg-dr		12/14/2004 5:28:00 PM
Chlorobenzene	ND	250	μg/Kg-dr		12/14/2004 5:28:00 PM
Chloroethane	ND	250	μg/Kg-dry		12/14/2004 5:28:00 PM
Chloroform	ND	250	μg/Kg-dry		12/14/2004 5:28:00 PM
Chloromethane	ND	250	μg/Kg-dry		12/14/2004 5:28:00 PM
cis-1,2-Dichloroethene	ND	250	µg/Kg-dry		12/14/2004 5:28:00 PM
cis-1,3-Dichloropropene	ND	250	µg/Kg-dry		12/14/2004 5:28:00 PM
Dibromochloromethane	ND	250	μg/Kg-dry		12/14/2004 5:28:00 PM

Approved By:

Qualifiers:

Low Level

В Analyte detected in the associated Method Blank

Н Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit

Date:

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Value exceeds Maximum Contaminant Value

Value above quantitation range

Analyte detected below quantitation limits

Spike Recovery outside accepted recovery limits

**CLIENT:** 

GZA Geo Environmental

Lab Order: U0412247

Curtis Screw

Project: Lab ID:

U0412247-014

Date: 17-Dec-04

Client Sample ID: SP-16 4-7.3

Collection Date: 12/11/2004 3:00:00 PM

Matrix: SOIL

Analyses	Result	Limit Qua	l Units	DF	Date Analyzed
TCL VOLATILE ORGANICS	,	SW8260B			Analyst: RS
Ethylbenzene	ND	250	μg/Kg-dry	83.333	12/14/2004 5:28:00 PM
m,p-Xylene	ND	250	μg/Kg-dry	83.333	12/14/2004 5:28:00 PM
Methylene chloride	ND	250	μg/Kg-dry	83.333	12/14/2004 5:28:00 PM
o-Xylene	ND	250	μg/Kg-dry	83.333	12/14/2004 5:28:00 PM
Styrene	ND	250	μg/Kg-dry	83.333	12/14/2004 5:28:00 PM
Tetrachloroethene	ND	250	μg/Kg-dry	83.333	12/14/2004 5:28:00 PM
Toluene	ND	250	μg/Kg-dry	83.333	12/14/2004 5:28:00 PM
trans-1,2-Dichloroethene	ND	250	μg/Kg-dry	83.333	12/14/2004 5:28:00 PM
trans-1,3-Dichloropropene	ND	250	μg/Kg-dry	83.333	12/14/2004 5:28:00 PM
Trichloroethene	6100	250	μg/Kg-dry	83.333	12/14/2004 5:28:00 PM
Vinyl chloride	ND	170	μg/Kg-dry	83.333	12/14/2004 5:28:00 PM
NOTES:					
The reporting limits were raised due to	o the high concentration	on of target compo	ounds.		
PERCENT MOISTURE		D2216			Analyst: SL
Percent Moisture	0.570	0.00100	wt%	1	12/17/2004

Date: Approved By: Low Level Qualifiers: Analyte detected in the associated Method Blank E В Holding times for preparation or analysis exceeded Н Not Detected at the Reporting Limit

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Value exceeds Maximum Contaminant Value

Value above quantitation range

Analyte detected below quantitation limits

Spike Recovery outside accepted recovery limits

Date: 17-Dec-04

**CLIENT:** 

GZA Geo Environmental

Client Sample ID: SP-17 0-2

Lab Order:

U0412247

Project:

Curtis Screw

Collection Date: 12/11/2004 3:30:00 PM

Lab ID:

U0412247-015

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BASE/NEUTRAL-SEMIVOLATILE ORGANICS		SW82	270C	(SW35	50A)	Analyst: <b>KL</b>
1,2,4-Trichlorobenzene	ND	1700		µg/Kg-dry	5	12/16/2004 10:16:00 AM
1,2-Dichlorobenzene	ND	1700		μg/Kg-dry	5	12/16/2004 10:16:00 AM
1,3-Dichlorobenzene	ND	1700		μg/Kg-dry	5	12/16/2004 10:16:00 AM
1,4-Dichlorobenzene	ND	1700		μg/Kg-dry	5	12/16/2004 10:16:00 AM
2,4-Dinitrotoluene	ND	1700		μg/Kg-dry	5	12/16/2004 10:16:00 AM
2,6-Dinitrotoluene	ND	1700		μg/Kg-dry	5	12/16/2004 10:16:00 AM
2-Chloronaphthalene	ND	1700		μg/Kg-dry	5	12/16/2004 10:16:00 AM
2-Methylnaphthalene	ND	1700		μg/Kg-dry	5	12/16/2004 10:16:00 AM
2-Nitroaniline	ND	17000		μg/Kg-dry	5	12/16/2004 10:16:00 AM
3,3´-Dichlorobenzidine	ND	1700		μg/Kg-dry	5	12/16/2004 10:16:00 AN
3-Nitroaniline	ND	17000		μg/Kg-dry	5	12/16/2004 10:16:00 AN
4-Bromophenyl phenyl ether	ND	1700		μg/Kg-dry	5	12/16/2004 10:16:00 AN
4-Chloroaniline	ND	1700		μg/Kg-dry	- 5	12/16/2004 10:16:00 AN
4-Chlorophenyl phenyl ether	ND	1700		μg/Kg-dry	5	12/16/2004 10:16:00 AN
4-Nitroaniline	ND	17000		μg/Kg-dry	5	12/16/2004 10:16:00 AN
Acenaphthene	ND	1700		μg/Kg-dry	5	12/16/2004 10:16:00 AN
Acenaphthylene	ND	1700		μg/Kg-dry	5	12/16/2004 10:16:00 AN
Anthracene	ND	1700		μg/Kg-dry	5	12/16/2004 10:16:00 AN
Benz(a)anthracene	ND	1700		μg/Kg-dry	5	12/16/2004 10:16:00 AN
Benzo(a)pyrene	ND	1700		μg/Kg-dry	5	12/16/2004 10:16:00 AN
Benzo(b)fluoranthene	ND	1700		μg/Kg-dry	5	12/16/2004 10:16:00 AM
Benzo(g,h,i)perylene	ND	1700		µg/Kg-dry	5	12/16/2004 10:16:00 AN
Benzo(k)fluoranthene	ND	1700		μg/Kg-dry	5	12/16/2004 10:16:00 AM
Bis(2-chloroethoxy)methane	ND	1700		μg/Kg-dry	5	12/16/2004 10:16:00 AM
Bis(2-chloroethyl)ether	ND	1700		μg/Kg-dry	5	12/16/2004 10:16:00 AM
Bis(2-chloroisopropyl)ether	ND	1700		µg/Kg-dry	5	12/16/2004 10:16:00 AM
Bis(2-ethylhexyl)phthalate	ND	1700		μg/Kg-dry	5	12/16/2004 10:16:00 AM
Butyl benzyl phthalate	ND	1700		µg/Kg-dry	5	12/16/2004 10:16:00 AN
Carbazole	ND	1700		μg/Kg-dry	5	12/16/2004 10:16:00 AM
Chrysene	ND	1700		μg/Kg-dry	5	12/16/2004 10:16:00 AM
Di-n-butyl phthalate	ND	1700		μg/Kg-dry	5	12/16/2004 10:16:00 AM
Di-n-octyl phthalate	ND	1700		μg/Kg-dry	5	12/16/2004 10:16:00 AM
Dibenz(a,h)anthracene	ND	1700		μg/Kg-dry	5	12/16/2004 10:16:00 AM
Dibenzofuran	ND	1700		μg/Kg-dry μg/Kg-dry	5	12/16/2004 10:16:00 AM
Diethyl phthalate	ND	1700		µg/Kg-dry	5	12/16/2004 10:16:00 AM
Dimethyl phthalate	ND	1700		μg/Kg-dry μg/Kg-dry	5	12/16/2004 10:16:00 AM
Fluoranthene	ND	1700		μg/Kg-dry μg/Kg-dry	5	
Fluorene	ND	1700		μg/Kg-dry μg/Kg-dry	5	12/16/2004 10:16:00 AM
Hexachlorobenzene	ND	1700		µg/Kg-dry µg/Kg-dry	5 5	12/16/2004 10:16:00 AM 12/16/2004 10:16:00 AM

#### Approved By:

Qualifiers:

- Analyte detected in the associated Method Blank
- Н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit

Date:

Page 39 of 46

- Value exceeds Maximum Contaminant Value
- Value above quantitation range
- Analyte detected below quantitation limits
- Spike Recovery outside accepted recovery limits

Date: 17-Dec-04

**CLIENT:** 

GZA Geo Environmental

Client Sample ID: SP-17 0-2

Lab Order:

U0412247

Collection Date: 12/11/2004 3:30:00 PM

Project:

**Curtis Screw** 

Lab ID:

U0412247-015

Matrix: SOIL

Analyses	Result	Limit Qual	Units	DF	Date Analyzed
BASE/NEUTRAL-SEMIVOLATILE (	ORGANICS	SW8270C	(SW355	0A)	Analyst: <b>KL</b>
Hexachlorobutadiene	ND	1700	μg/Kg-dry	5	12/16/2004 10:16:00 AM
Hexachlorocyclopentadiene	ND	1700	μg/Kg-dry	5	12/16/2004 10:16:00 AM
Hexachloroethane	ND	1700	μg/Kg-dry	5	12/16/2004 10:16:00 AM
Indeno(1,2,3-cd)pyrene	ND	1700	μg/Kg-dry	5	12/16/2004 10:16:00 AM
Isophorone	ND	1700	μg/Kg-dry	5	12/16/2004 10:16:00 AM
N-Nitrosodi-n-propylamine	ND	1700	μg/Kg-dry	5	12/16/2004 10:16:00 AM
N-Nitrosodiphenylamine	ND	1700	μg/Kg-dry	5	12/16/2004 10:16:00 AM
Naphthalene	ND	1700	μg/Kg-dry	5	12/16/2004 10:16:00 AM
Nitrobenzene	ND	1700	μg/Kg-dry	5	12/16/2004 10:16:00 AM
Phenanthrene	ND	1700	μg/Kg-dry	5	12/16/2004 10:16:00 AM
Pyrene	ND	1700	μg/Kg-dry	5	12/16/2004 10:16:00 AM
NOTES:					4
The reporting limits were raised due to	matrix interference.				
TCL VOLATILE ORGANICS		SW8260B			Analyst: RS
1.1.1-Trichloroethane	1400	1100	μg/Kg-dry	333.333	12/14/2004 6:04:00 PM
1.1.2.2-Tetrachloroethane	ND	1100	μg/Kg-dry	333.333	12/14/2004 6:04:00 PM
1,1,2-Trichloroethane	ND	1100	μg/Kg-dry	333.333	12/14/2004 6:04:00 PM
1.1-Dichloroethane	ND	1100	μg/Kg-dry	333.333	12/14/2004 6:04:00 PM
1.1-Dichloroethene	ND	1100	μg/Kg-dry	333.333	12/14/2004 6:04:00 PM
1,2-Dichloroethane	ND	1100	μg/Kg-dry	333.333	12/14/2004 6:04:00 PM
1,2-Dichloropropane	ND	1100	μg/Kg-dry	333.333	12/14/2004 6:04:00 PM
2-Butanone	ND	3500	μg/Kg-dry	333.333	12/14/2004 6:04:00 PM
2-Hexanone	ND	3500	μg/Kg-dry	333.333	12/14/2004 6:04:00 PM
4-Methyl-2-pentanone	ND	3500	μg/Kg-dry	333.333	12/14/2004 6:04:00 PM
Acetone	ND	3500	µg/Kg-dry	333.333	12/14/2004 6:04:00 PM
Benzene	ND	1100	μg/Kg-dry	333.333	12/14/2004 6:04:00 PM
Bromodichloromethane	ND	1100	μg/Kg-dry	333.333	12/14/2004 6:04:00 PM
Bromoform	ND	1100	μg/Kg-dry	333.333	12/14/2004 6:04:00 PM
Bromomethane	ND	1100	μg/Kg-dry	333.333	12/14/2004 6:04:00 PM
Carbon disulfide	ND	1100	μg/Kg-dry	333.333	12/14/2004 6:04:00 PM
Carbon tetrachloride	ND	1100	μg/Kg-dry	333.333	12/14/2004 6:04:00 PM
Chlorobenzene	ND	1100	μg/Kg-dry	333.333	12/14/2004 6:04:00 PM
Chloroethane	ND	1100	μg/Kg-dry	333.333	12/14/2004 6:04:00 PM
<del>-</del>	ND	1100	μg/Kg-dry	333.333	12/14/2004 6:04:00 PM
Chloroform	ND	1100	μg/Kg-dry	333.333	12/14/2004 6:04:00 PM
Chloromethane	ND	1100	µg/Kg-dry	333.333	12/14/2004 6:04:00 PM
cis-1,2-Dichloroethene	ND	1100	μg/Kg-dry	333.333	12/14/2004 6:04:00 PM
cis-1,3-Dichloropropene Dibromochloromethane	ND	1100	μg/Kg-dry	333.333	3 12/14/2004 6:04:00 PM

<b>Approved</b>	By:	$P_{i}$	<u> </u>
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Qualifiers:

- Low Level
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

## Date: 12-17-04

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- ** Value exceeds Maximum Contaminant Value
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

Date: 17-Dec-04

**CLIENT:** 

GZA Geo Environmental

Lab Order:

U0412247

Project:

**Curtis Screw** 

Lab ID:

U0412247-015

Client Sample ID: SP-17 0-2

Collection Date: 12/11/2004 3:30:00 PM

Matrix: SOIL

Analyses	Result	Limit Qua	l Units	DF	Date Analyzed
TCL VOLATILE ORGANICS		SW8260B			Analyst: RS
Ethylbenzene	. ND	1100	μg/Kg-dry	333.333	12/14/2004 6:04:00 PM
m,p-Xylene	ND	1100	μg/Kg-dry	333.333	12/14/2004 6:04:00 PM
Methylene chloride	ND	1100	μg/Kg-dry	333.333	12/14/2004 6:04:00 PM
o-Xylene	ND	1100	μg/Kg-dry	333.333	12/14/2004 6:04:00 PM
Styrene	ND	1100	μg/Kg-dry	333.333	12/14/2004 6:04:00 PM
Tetrachloroethene	ND	1100	μg/Kg-dry	333.333	12/14/2004 6:04:00 PM
Toluene	ND	1100	μg/Kg-dry	333.333	12/14/2004 6:04:00 PM
trans-1,2-Dichloroethene	ND	1100	μg/Kg-dry	333.333	12/14/2004 6:04:00 PM
trans-1,3-Dichloropropene	ND	1100	μg/Kg-dry	333.333	12/14/2004 6:04:00 PM
Trichloroethene	7100	1100	µg/Kg-dry	333.333	12/14/2004 6:04:00 PM
Vinyl chloride	ND	720	μg/Kg-dry	333.333	12/14/2004 6:04:00 PM
NOTES:					
The reporting limits were raised due to	to the high concentration	on of target compo	unds.		
PERCENT MOISTURE		D2216			Analyst: SL
Percent Moisture	6.82	0.00100	wt%	1	12/17/2004

Approved By:

Qualifiers: Low Level

> В Analyte detected in the associated Method Blank

Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit

Date:

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Value exceeds Maximum Contaminant Value

E Value above quantitation range

Analyte detected below quantitation limits

Spike Recovery outside accepted recovery limits

GZA Geo Environmental

Lab Order: Project:

**CLIENT:** 

U0412247 Curtis Screw

Lab ID:

U0412247-016

Date: 17-Dec-04

Client Sample ID: SP-8 0-4

Collection Date: 12/11/2004 9:30:00 AM

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SOIL AND SOLID METALS BY ICP		SWe	SW6010B		i0A)	Analyst: LJ
Arsenic*	2.9	1.1		mg/Kg-dry	1	12/15/2004 3:22:18 PM
Barium	1800	32	В	mg/Kg-dry	1	12/16/2004 2:08:21 PM
Cadmium	230	0.53	В	mg/Kg-dry	1	12/16/2004 2:08:21 PM
Chromium	750	5.3	В	mg/Kg-dry	1	12/16/2004 2:08:21 PM
Lead	2300	11	В	mg/Kg-dry	1	12/16/2004 2:08:21 PM
Selenium*	2.1	0.53	В	mg/Kg-dry	1	12/15/2004 3:22:18 PM
Silver	ND	5.3		mg/Kg-dry	1	12/16/2004 2:08:21 PM
TOTAL MERCURY - SOIL/SOLID/WAS	STE	SW7	471A	(SW747	′1A)	Analyst: LJ
Mercury	0.500	0.213		mg/Kg-dry	1	12/15/2004 12:07:23 PM
BASE/NEUTRAL-SEMIVOLATILE OR	GANICS	SW8	270C	(SW355	50A)	Analyst: KL
1,2,4-Trichlorobenzene	ND	1700		μg/Kg-dry	5	12/16/2004 12:09:00 PM
1,2-Dichlorobenzene	ND	1700		μg/Kg-dry	5	12/16/2004 12:09:00 PM
1.3-Dichlorobenzene	ND	1700		μg/Kg-dry	5	12/16/2004 12:09:00 PM
1.4-Dichlorobenzene	ND	1700		μg/Kg-dry	5	12/16/2004 12:09:00 PM
2,4-Dinitrotoluene	ND	1700		μg/Kg-dry	5	12/16/2004 12:09:00 PM
2,6-Dinitrotoluene	ND	1700		μg/Kg-dry	5	12/16/2004 12:09:00 PM
2-Chloronaphthalene	ND	1700		μg/Kg-dry	5	12/16/2004 12:09:00 PM
2-Methylnaphthalene	ND	1700		μg/Kg-dry	5	12/16/2004 12:09:00 PM
2-Nitroaniline	ND	17000		μg/Kg-dry	5	12/16/2004 12:09:00 PM
3.3'-Dichlorobenzidine	ND	1700		μg/Kg-dry	5	12/16/2004 12:09:00 PM
3-Nitroaniline	ND	17000		μg/Kg-dry	5	12/16/2004 12:09:00 PM
4-Bromophenyl phenyl ether	ND	1700		μg/Kg-dry	5	12/16/2004 12:09:00 PM
4-Chloroaniline	ND	1700		μg/Kg-dry	5	12/16/2004 12:09:00 PM
4-Chlorophenyl phenyl ether	ND	1700		μg/Kg-dry	5	12/16/2004 12:09:00 PM
4-Nitroaniline	ND	17000		µg/Kg-dry	5	12/16/2004 12:09:00 PM
Acenaphthene	ND	1700		μg/Kg-dry	5	12/16/2004 12:09:00 PM
Acenaphthylene	ND	1700		μg/Kg-dry	5	12/16/2004 12:09:00 PM
Anthracene	ND	1700		μg/Kg-dry	5	12/16/2004 12:09:00 PM
Benz(a)anthracene	ND	1700		μg/Kg-dry	5	12/16/2004 12:09:00 PM
Benzo(a)pyrene	ND	1700	ı	μg/Kg-dry	5	12/16/2004 12:09:00 PM
Benzo(b)fluoranthene	ND	1700	)	μg/Kg-dry	5	12/16/2004 12:09:00 PM
Benzo(g,h,i)perylene	ND	1700		μg/Kg-dry	5	12/16/2004 12:09:00 PM
Benzo(k)fluoranthene	ND	1700		μg/Kg-dry	5	12/16/2004 12:09:00 PM
Bis(2-chloroethoxy)methane	ND	1700		μg/Kg-dry	5	12/16/2004 12:09:00 PM
Bis(2-chloroethyl)ether	ND	1700		μg/Kg-dry	5	12/16/2004 12:09:00 PN
Bis(2-chloroisopropyl)ether	ND	1700		μg/Kg-dry	5	12/16/2004 12:09:00 PN
Bis(2-ethylhexyl)phthalate	ND	1700		μg/Kg-dry	5	12/16/2004 12:09:00 PM
Butyl benzyl phthalate	ND	1700		μg/Kg-dry	5	12/16/2004 12:09:00 PM

Approved By: Of

Qualifiers:

Low Level

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

Date: 12-17-04

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* Value exceeds Maximum Contaminant Value

E Value above quantitation range

J Analyte detected below quantitation limits

S Spike Recovery outside accepted recovery limits

Date: 17-Dec-04

**CLIENT:** 

GZA Geo Environmental

Client Sample ID: SP-8 0-4

Lab Order:

U0412247

Project:

**Curtis Screw** 

**Collection Date:** 12/11/2004 9:30:00 AM

Lab ID:

U0412247-016

Analyses	Result	Limit Q	ıal Units	DF	Date Analyzed
BASE/NEUTRAL-SEMIVOLATILE ORGANICS		SW8270	C (SW355	i0A)	Analyst: KL
Carbazole	ND	1700	μg/Kg-dry	<b>5</b>	12/16/2004 12:09:00 PM
Chrysene	ND	1700	μg/Kg-dry	5	12/16/2004 12:09:00 PM
Di-n-butyl phthalate	ND	1700	μg/Kg-dry	5	12/16/2004 12:09:00 PM
Di-n-octyl phthalate	ND	1700	μg/Kg-dry	5	12/16/2004 12:09:00 PM
Dibenz(a,h)anthracene	ND	1700	μg/Kg-dry	5	12/16/2004 12:09:00 PM
Dibenzofuran	ND	1700	μg/Kg-dry	5	12/16/2004 12:09:00 PM
Diethyl phthalate	· ND	1700	μg/Kg-dry	5	12/16/2004 12:09:00 PM
Dimethyl phthalate	ND	1700	μg/Kg-dry	5	12/16/2004 12:09:00 PM
Fluoranthene	. ND	1700	μg/Kg-dry	5	12/16/2004 12:09:00 PM
Fluorene	ND	1700	μg/Kg-dry	5	12/16/2004 12:09:00 PM
Hexachlorobenzene	ND	1700	μg/Kg-dry	5	12/16/2004 12:09:00 PM
Hexachlorobutadiene	ND	1700	μg/Kg-dry	5	12/16/2004 12:09:00 PM
Hexachlorocyclopentadiene	ND	1700	μg/Kg-dry	5	12/16/2004 12:09:00 PM
Hexachloroethane	ND	1700	μg/Kg-dry	5	12/16/2004 12:09:00 PM
Indeno(1,2,3-cd)pyrene	ND	1700	μg/Kg-dry	5	12/16/2004 12:09:00 PM
Isophorone	ND	1700	μg/Kg-dry	5	12/16/2004 12:09:00 PM
N-Nitrosodi-n-propylamine	ND	1700	μg/Kg-dry	5	12/16/2004 12:09:00 PM
N-Nitrosodiphenylamine	ND	1700	μg/Kg-dry	5	12/16/2004 12:09:00 PM
Naphthalene	ND	1700	μg/Kg-dry	5	12/16/2004 12:09:00 PM
Nitrobenzene	ND	1700	μg/Kg-dry	5	12/16/2004 12:09:00 PM
Phenanthrene	ND	1700	μg/Kg-dry	5	12/16/2004 12:09:00 PM
Pyrene	ND	1700	μg/Kg-dry	5	12/16/2004 12:09:00 PM
NOTES:			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
The reporting limits were raised due to	matrix interference.	•			
PERCENT MOISTURE	•	D2216			Analyst: SL
Percent Moisture	6.11	0.00100	wt%	1	12/17/2004

Approved 1	Ву:	PF	Date:	12-17-04	Page 43 of 46
Qualifiers:	*	Low Level	**	Value exceeds Maximum Contaminan	t Value
	В	Analyte detected in the associated Method Blank	E	Value above quantitation range	
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation lin	nits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recov	ery limits

Date: 17-Dec-04

**CLIENT:** 

GZA Geo Environmental

U0412247

Client Sample ID: Sump 3

Lab Order:

**Curtis Screw** 

Collection Date: 12/11/2004 4:00:00 PM

Project: Lab ID:

U0412247-017

Matrix: SEDIMENT

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed	
POLYCHLORINATED BIPHENYLS(SOIL	/SLUDGE)	SW8	082	(SW3550B)		Analyst: BW	
Aroclor 1016	ND	0.84		mg/Kg-dry	500	12/15/2004	
Aroclor 1221	ND	0.84		mg/Kg-dry	500	12/15/2004	
Aroclor 1232	ND	0.84		mg/Kg-dry	500	12/15/2004	
Aroclor 1242	ND	0.84		mg/Kg-dry	500	12/15/2004	
Aroclor 1248	ND	0.84		mg/Kg-dry	500	12/15/2004	
Aroclor 1254	ND	0.84		mg/Kg-dry	500	12/15/2004	
Aroclor 1260	ND	0.84		mg/Kg-dry	500	12/15/2004	
NOTES:							
The reporting limits were raised due to matri	x interference.						
SOIL AND SOLID METALS BY ICP		SW60	10B	(SW305	0A)	Analyst: LJ	
Arsenic*	12	1.0		mg/Kg-dry	1	12/15/2004 3:26:28 PM	
Barium	44	30	В	mg/Kg-dry	1	12/16/2004 2:11:01 PM	
Cadmium	1.4	0.50	В	mg/Kg-dry	1	12/16/2004 2:11:01 PM	
Chromium	16	5.0	В	mg/Kg-dry	1	12/16/2004 2:11:01 PM	
Lead	ND	10		mg/Kg-dry	1	12/16/2004 2:11:01 PM	
Selenium*	ND	0.50		mg/Kg-dry	1	12/15/2004 3:26:28 PM	
Silver	ND	5.0		mg/Kg-dry	1	12/16/2004 2:11:01 PM	
TOTAL MERCURY - SOIL/SOLID/WAST	Έ	SW7471A		(SW7471A)		Analyst: LJ	
Mercury	5.02	0.201	E	mg/Kg-dry	1	12/15/2004 12:11:50 PM	
BASE/NEUTRAL-SEMIVOLATILE ORGA	ANICS	SW82	270C	(SW355	i0A)	Analyst: <b>KL</b>	
1,2,4-Trichlorobenzene	ND	3300		µg/Kg-dry	10	12/16/2004 11:32:00 AM	
1,2-Dichlorobenzene	ND	3300		μg/Kg-dry	10	12/16/2004 11:32:00 AM	
1,3-Dichlorobenzene	ND	3300		μg/Kg-dry	10	12/16/2004 11:32:00 AM	
1,4-Dichlorobenzene	ND	3300		μg/Kg-dry	10	12/16/2004 11:32:00 AM	
2,4-Dinitrotoluene	ND	3300		μg/Kg-dry	10	12/16/2004 11:32:00 AM	
2,6-Dinitrotoluene	ND	3300		μg/Kg-dry	10	12/16/2004 11:32:00 AM	
2-Chloronaphthalene	ND	3300		µg/Kg-dry	10	12/16/2004 11:32:00 AM	
2-Methylnaphthalene	ND	3300		μg/Kg-dry	10	12/16/2004 11:32:00 AM	
2-Nitroaniline	ND	33000		μg/Kg-dry	10	12/16/2004 11:32:00 AM	
3,3'-Dichlorobenzidine	ND	3300		μg/Kg-dry	10	12/16/2004 11:32:00 AM	
3-Nitroaniline	ND	33000		μg/Kg-dry	10	12/16/2004 11:32:00 AM	
4-Bromophenyl phenyl ether	ND	3300		μg/Kg-dry	10	12/16/2004 11:32:00 AM	
4-Chloroaniline	ND	3300		μg/Kg-dry	10	12/16/2004 11:32:00 AM	
4-Chlorophenyl phenyl ether	ND	3300		µg/Kg-dry	10	12/16/2004 11:32:00 AM	
4-Nitroaniline	ND	33000		μg/Kg-dry	10	12/16/2004 11:32:00 AM	
					10	12/16/2004 11:32:00 AM	
Acenaphthene	ND	3300		μg/Kg-dry	10	12/10/2004 11.32.00 AW	

Approved By:

Qualifiers:

Low Level

- Analyte detected in the associated Method Blank В
- Holding times for preparation or analysis exceeded Н
- Not Detected at the Reporting Limit

Date:

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- Value exceeds Maximum Contaminant Value
- E Value above quantitation range
- Analyte detected below quantitation limits
- Spike Recovery outside accepted recovery limits

Date: 17-Dec-04

**CLIENT:** 

GZA Geo Environmental

Lab Order:

U0412247

**Project:** 

**Curtis Screw** 

Lab ID:

U0412247-017

Client Sample ID: Sump 3

Collection Date: 12/11/2004 4:00:00 PM

Matrix: SEDIMENT

Analyses	Result	Limit (	mit Qual Units		DF	Date Analyzed						
BASE/NEUTRAL-SEMIVOLATILE (	ORGANICS	SW82	70C	(SW35	50A)	Analyst: KL						
Anthracene	ND	3300		μg/Kg-dry	10	12/16/2004 11:32:00 AM						
Benz(a)anthracene	ND	3300		μg/Kg-dry	10	12/16/2004 11:32:00 AM						
Benzo(a)pyrene	ND	3300		μg/Kg-dry	10	12/16/2004 11:32:00 AM						
Benzo(b)fluoranthene	ND	3300		µg/Kg-dry	10	12/16/2004 11:32:00 AM						
Benzo(g,h,i)perylene	ND	3300		µg/Kg-dry	10	12/16/2004 11:32:00 AM						
Benzo(k)fluoranthene	ND	3300		μg/Kg-dry	10	12/16/2004 11:32:00 AM						
Bis(2-chloroethoxy)methane	ND	3300		μg/Kg-dry	10	12/16/2004 11:32:00 AM						
Bis(2-chloroethyl)ether	ND	3300		μg/Kg-dry	10	12/16/2004 11:32:00 AM						
Bis(2-chloroisopropyl)ether	ND	3300		μg/Kg-dry	10	12/16/2004 11:32:00 AM						
Bis(2-ethylhexyl)phthalate	ND	3300		μg/Kg-dry	10	12/16/2004 11:32:00 AM						
Butyl benzyl phthalate	ND	3300		μg/Kg-dry	10	12/16/2004 11:32:00 AM						
Carbazole	ND	3300		μg/Kg-dry	10	12/16/2004 11:32:00 AM						
Chrysene	ND	3300		μg/Kg-dry	10	12/16/2004 11:32:00 AM						
Di-n-butyl phthalate	ND	3300		μg/Kg-dry	10	12/16/2004 11:32:00 AM						
Di-n-octyl phthalate	ND	3300		μg/Kg-dry	10	12/16/2004 11:32:00 AM						
Dibenz(a,h)anthracene	ND	3300		μg/Kg-dry	10	12/16/2004 11:32:00 AM						
Dibenzofuran	ND	3300		μg/Kg-dry	10	12/16/2004 11:32:00 AM						
Diethyl phthalate	ND	3300		µg/Kg-dry	10	12/16/2004 11:32:00 AM						
Dimethyl phthalate	ND .	3300		μg/Kg-dry	10	12/16/2004 11:32:00 AM						
Fluoranthene	ND	3300		μg/Kg-dry	10	12/16/2004 11:32:00 AM						
Fluorene	ND	3300		μg/Kg-dry	10	12/16/2004 11:32:00 AM						
Hexachlorobenzene	ND	3300		µg/Kg-dry	10	12/16/2004 11:32:00 AM						
Hexachlorobutadiene	ND	3300		μg/Kg-dry	10	12/16/2004 11:32:00 AM						
Hexachlorocyclopentadiene	ND	3300		μg/Kg-dry	10	12/16/2004 11:32:00 AM						
Hexachloroethane	ND	3300		μg/Kg-dry	10	12/16/2004 11:32:00 AM						
Indeno(1,2,3-cd)pyrene	· ND	3300		µg/Kg-dry	10	12/16/2004 11:32:00 AM						
Isophorone	ND	3300		ug/Kg-dry	10	12/16/2004 11:32:00 AM						
N-Nitrosodi-n-propylamine	ND	3300		μg/Kg-dry	10	12/16/2004 11:32:00 AM						
N-Nitrosodiphenylamine	ND	3300		μg/Kg-dry	10	12/16/2004 11:32:00 AM						
Naphthalene	ND	3300		μg/Kg-dry	10	12/16/2004 11:32:00 AM						
Nitrobenzene	ND	3300		μg/Kg-dry	10	12/16/2004 11:32:00 AM						
Phenanthrene	ND	3300		μg/Kg-dry	10	12/16/2004 11:32:00 AM						
Pyrene	ND	3300		µg/Kg-dry	10	12/16/2004 11:32:00 AM						
NOTES:				,								
The reporting limits were raised due to	matrix interference.											
TCL VOLATILE ORGANICS		SW82	60B			Analyst: RS						
1,1,1-Trichloroethane	ND	250		µg/Kg-dry	83.333	12/14/2004 6:39:00 PM						
1,1,2,2-Tetrachloroethane	ND	250		μg/Kg-dry	83.333	12/14/2004 6:39:00 PM						

Approved By:

Qualifiers: Low Level

- В Analyte detected in the associated Method Blank
- Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit

Date:

Page 45 of 46

- Value exceeds Maximum Contaminant Value
- E · Value above quantitation range
- Analyte detected below quantitation limits
- Spike Recovery outside accepted recovery limits

GZA Geo Environmental

**Lab Order:** U0412247

**CLIENT:** 

Project: Curtis Screw

**Lab ID:** U0412247-017

Date: 17-Dec-04

Client Sample ID: Sump 3

Collection Date: 12/11/2004 4:00:00 PM

Matrix: SEDIMENT

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed				
TCL VOLATILE ORGANICS		SW8	260B			Analyst: RS				
1,1,2-Trichloroethane	ND	250		μg/Kg-dry	83.333	12/14/2004 6:39:00 PM				
1,1-Dichloroethane	ND	250		μg/Kg-dry	83.333	12/14/2004 6:39:00 PM				
1,1-Dichloroethene	ND	250		μg/Kg-dry	83.333	12/14/2004 6:39:00 PN				
1,2-Dichloroethane	ND	250		μg/Kg-dry	83.333	12/14/2004 6:39:00 PM				
1,2-Dichloropropane	ND	250		μg/Kg-dry	83.333	12/14/2004 6:39:00 PN				
2-Butanone	ND	830		μg/Kg-dry	83.333	12/14/2004 6:39:00 PN				
2-Hexanone	· ND	830		μg/Kg-dry	83.333	12/14/2004 6:39:00 PM				
4-Methyl-2-pentanone	ND	830		μg/Kg-dry	83.333	12/14/2004 6:39:00 PM				
Acetone	ND	830		μg/Kg-dry	83.333	12/14/2004 6:39:00 PM				
Benzene	ND	250		μg/Kg-dry	83.333	12/14/2004 6:39:00 PM				
Bromodichloromethane	ND	250		μg/Kg-dry	83.333	12/14/2004 6:39:00 PM				
Bromoform	ND	250		μg/Kg-dry	83.333	12/14/2004 6:39:00 PM				
Bromomethane	ND	250		μg/Kg-dry	83.333	12/14/2004 6:39:00 PM				
Carbon disulfide	ND	250		μg/Kg-dry	83.333	12/14/2004 6:39:00 PM				
Carbon tetrachloride	ND	250		µg/Kg-dry	83.333	12/14/2004 6:39:00 PM				
Chlorobenzene	ND	250		µg/Kg-dry	83.333	12/14/2004 6:39:00 PM				
Chloroethane	ND	250		μg/Kg-dry	83.333	12/14/2004 6:39:00 PM				
Chloroform	ND	250		μg/Kg-dry	83.333	12/14/2004 6:39:00 PM				
Chloromethane	ND	250		μg/Kg-dry	83.333	12/14/2004 6:39:00 PM				
cis-1,2-Dichloroethene	2000	250		μg/Kg-dry	83.333	12/14/2004 6:39:00 PI				
cis-1,3-Dichloropropene	ND	250		μg/Kg-dry	83.333	12/14/2004 6:39:00 PM				
Dibromochloromethane	ND	250		μg/Kg-dry	83.333	12/14/2004 6:39:00 PI				
Ethylbenzene	ND	250		µg/Kg-dry	83.333	12/14/2004 6:39:00 Pt				
m,p-Xylene	ND	250		µg/Kg-dry	83.333	12/14/2004 6:39:00 PI				
Methylene chloride	ND	250		μg/Kg-dry	83.333	12/14/2004 6:39:00 PM				
o-Xylene	ND	250		μg/Kg-dry	83.333	12/14/2004 6:39:00 PM				
Styrene	ND	250		μg/Kg-dry	83.333	12/14/2004 6:39:00 Pf				
Tetrachloroethene	ND	250		μg/Kg-dry	83.333	12/14/2004 6:39:00 PI				
Toluene	ND	250		µg/Kg-dry	83.333	12/14/2004 6:39:00 Pt				
trans-1,2-Dichloroethene	ND	250		μg/Kg-dry	83.333	12/14/2004 6:39:00 PI				
trans-1,3-Dichloropropene	ND	250		μg/Kg-dry	83.333	12/14/2004 6:39:00 P				
Trichloroethene	1100	250		μg/Kg-dry	83.333	12/14/2004 6:39:00 P				
Vinyl chloride	ND	170		μg/Kg-dry	83.333	12/14/2004 6:39:00 P				

 PERCENT MOISTURE
 D2216
 Analyst: SL

 Percent Moisture
 0.589
 0.00100
 wt%
 1
 12/17/2004

Approved By: PF

Qualifiers:

* Low Level

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

Date: 12-17-04

Page 46 of 46

** Value exceeds Maximum Contaminant Value

E Value above quantitation range

I Analyte detected below quantitation limits

S Spike Recovery outside accepted recovery limits

W.O.	#	
	(for lab use only)	

			Matrix				W	W O	DNLY	'						AN	ALYS	IS F	REQI	JIRE	D		_	1	U)			-	
U	Sample 1.D. 0412247	Date/Time Sampled (Very Important)	A=Alr S=Soil GW=Ground W. SW=Surface W. WW=EWaste W. DW=Drinking W. Other (specify)	DpH DCond.	GC Screen (VOA)	D524.2 C1502.2	624	D601 D602	625	Formaldehyde	8260	8021	8021 - "8010" List	8021 "8020" List 8270 CIFUR CIPAH CIBN	8082-PCBs Only	8081 - Pest Only	TPH-GC (Mod. 8100)	TPH-GC w/FING	EPH (MA DEP)	VPH (MA DEP)	TCLP (Spec. Below)	Filtering ( < if requested)	6	Models (List Below)			Total # of Cont	110	te
100	Simpol	12/11/24 1000	Water							>	<			X	X		Ì						<				5/21		
000	Simp2	1 1015	Wester								X			X	X								X				524		
-00]	SP-4".	1500	GW							2	×			×	X								<				(5)		
-004	HA-3 18"-22"	1095	S												X									X			(1)		
005	SP-1, 2-4'	1100	S							•	X			X										X		. A V	(2)		
ρX	SP-2, 14-16'	1145	S								X			×										$\langle \chi \rangle$	1/4/		(2)		
0	SP-4, 8-10	1300	S								X			X								1		X			(2)		
ŧΩ	SP-7, 6-8	1600	5							1	<b>(</b>			X								$\top$		(x	1		10		
$\infty$	SP-9,4-5.3	1000	S							>	_			X							$\top$				M I		1/2		
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-01	11 SP-11, 0-2	1200	S							Y	(			X	2									(x	1		(2)		
-DI	^	V 1300	S								<			X								$\top$		X	1 1		12		_
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	CONTAINER TYPE (P-Plastic, G-Gla		7EWED DV4									$\perp$			<u> </u>														
	RELINQUISHED BY:	DATE/TIME REC	CEIVED BY:	<u></u>	N <del>f</del>	2	NOT	ES: I	Pres	ervati	ves, s	spec	ial re	porting	j limit	s, kno	o nwc	onta	mina	tion,	addit	ional	testin	g para	amete	ers, etc.	;		
-	PROJECT MANAGER:	us Boron	_ext: <u>330</u>	s P										ard i	_ (	4	7								USE:				~
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	O'TO IN ACCORDANCE	(50 <del>8) 435-0244</del> <del>X (508) 435-991</del> 2												2				12	<u> </u>	3				SH	IEET	1	OF 4	2	
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WHITE COPY - Original YELLOW COPY - Lab Files PINK COPY - Project Manager	W.O. #
CHAIN OF CUSTODY DECODD	(for lab use only)

White COPT - Original	TELLOW COPT - Lab Files	FINK COFT - Floject Mariag
CHAIN-OF-CUS	TODY RECORD	

	T					WW ONLY							ANALYSIS REQUIRED										1						
Sample I.D. W0412247			Date/Time Sampled ery Important)	Matrix A=Air S=Soil GW=Ground W. SW=Surface W. WW=Waste W. DW=Drinking W. Other (specify)	DpH DCond.	GC Screen (VOA)	C1524.2 C1602.2	624	C1601 C1602	825	Formaldehyde 8260	8021	8021 - "8010" List	8021 -8020" List	8270 CIFWE CIPAH CIBIN	8082-PCBs Only	8081 - Pest Only	TOTAL CO LACINO	ЕРН (МА DEP)	VPH (MA DEP)	TCLP (Spec. Below)	Filtering ( < # requested)	Metals CIPPM-13 CI R-8	Metals (List Below)	7100/1/11/		ر ک	Total # of Cont.	Note #
013 SP-13	14-15.6	12/1	dou 1400	S								<u>\</u> _			X			$\perp$					_		<u>{}</u> v		$ \mathfrak{H} $	(2)	
045P-16		i	isod	2							×			. •	X			_				_			4)	1,4		(2)	-
04-SP-17,	0-2		(23)	S							_2	<u> </u>			X									$\downarrow \geqslant$	4	<u> </u>	9		
016 SP-B, 0-	-4	4	930	S			H	$\alpha$	0	-	X		<u> </u>	<u> </u>	X		_		_				X		X)	-		(2)	
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PRESERVATIVE (CI - H				NaOH, O - Other)	_	-		-		$\dashv$		+	-	-			-	$\perp$	-	-	-				-	-	+		
CONTAINER TYPE (P- RELINQUISHED BY:	100 12	DĄTE/,TI	ME RI 4 0 <b>23</b> 0	CEIVED BY:	n			NC T	OTES:	Pres	servati	ves, s	special (	al rep	orting	limits	i, kno	wn co	ontam A	inatio	n, ad	dition	al tes	sting p	aram	neters,	etc.:	ų-):	3
RELINQUISHED BY:		ATE/TII	i.	CEIVED BY:			NOTES: Preservatives, special reporting limits, known contamination, additional testing parameters, etc.:  Tease call regarding analysis of SPIL 4-).3  Sample is very charter.  Temp Blank melded																						
PROJECT MANAG	GER: Ch	<u> </u>	Baron	EXT: 33	<u>O</u>	7		TURNAROUND TIME: Standard Rush Days, Approved by: TEMP. OF COOLER °C																					
DATA REPORT	PDF (Adobe	) 🗆 AS	CII D EXCEL Spe	cify State 18		_								_															
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