

2010 Soil and Vegetation Characterization Report

Prepared for:



International Isotopes Fluorine Products



November 29, 2010

Prepared by:

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Purpose

The purpose of this characterization is to establish isotopic and physiochemical analyte baseline conditions in soil and vegetation on the proposed International Isotopes Fluorine Products, Inc. (IIFP) site prior to facility construction and operations. Baseline environmental results will be compared with analytical results gathered in future sampling events and used to compare potential environmental impacts resulting from facility construction and operation.

Introduction

IIFP plans to construct a facility on Section 27, Township 18 South, Range 36 East in Lea County, New Mexico. The facility will de-convert depleted uranium hexafluoride to high-purity inorganic fluorides, uranium oxides, and anhydrous hydrofluoric acid. The fluoride gas and anhydrous hydrogen fluoride products will be sold for various industrial applications.

On October 15, 2010, two (2) soil and two (2) vegetation samples were collected and shipped to analytical laboratories for analysis (Figure 1). Results from these analyses are provided in Tables 1 (soil) and 2 (vegetation) and laboratory data sheets are included as Attachment 1. Soil and vegetation sampling location 1 (“Soil 1” in Table 1 and “Veg 1” in Table 2) was sited on the proposed IIFP “controlled area”. Soil and vegetation sampling location 2 (“Soil 2” in Table 1 and “Veg 2” in Table 2) was sited in the “owner-controlled area,” downwind and north of the proposed “controlled area”. The predominant wind direction was determined using wind rose data presented in the IIFP Environmental Report (ER) Figure 3-56 (Figure 2).

Radiological analysis for gamma spectroscopy was performed by Eberline Services. Gamma Spectroscopy includes isotopes of uranium, actinium, bismuth, cobalt, cesium, potassium, protactinium, lead, thorium, and thallium. Eberline Services holds National Environmental Laboratory Accreditation Program (NELAP)-recognized certifications in numerous states, DOECAP approval, USACE approval, USDOA approval, and DOD through the US Army. These certifications satisfy the IIFP ER quality control requirements in section 6.1.2.2 for contract analytical laboratories.

SVL Analytical, Inc. performed chemical analysis for (Resource Conservation and Recovery Act) RCRA metals. SVL Analytical, Inc. holds NELAP-recognized certifications in several states for Health Department, Drinking Water, Wastewater, and Hazardous Waste Analysis. Organic chemical analysis, including volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), polychlorinated biphenols (PCBs), herbicides, and pesticides, were sent to SVL Analytical, Inc.; however, those samples were then shipped to Anatek Labs. Anatek Labs, Inc. holds NELAP, Environmental Department, and Health Department certifications with several states. These certifications satisfy the IIFP ER quality control requirements in section 6.1.2.2 for contract analytical laboratories.

Methods

All sampling equipment was rinsed with de-ionized water, agitated using paper towels, and rinsed a second time with de-ionized water. Sampling team members used disposable nitrile-rubber gloves whenever handling samples or sampling equipment. After the samples were taken, they were labeled with time, date, sample location, project, and required analyses. The samples were placed on ice in coolers and shipped to the analytical laboratories under standard chain of custody procedure.

Soil

Soil samples were taken using a stainless steel trowel, metal mixing bowl, and four (4) sample jars. Using the trowel, exposed soil at each sample location was collected to a depth of no greater than six (6) inches and placed in the mixing bowl. The soil was homogenized in the mixing bowl and placed into the four (4) sample jars. Two (2) 8-ounce glass sample jars were used to contain chemical samples, and two (2) 16-ounce plastic jars used to contain radiological samples.

Soil was not collected from a depth greater than six (6) inches as atmospheric deposition is the primary release pathway of concern, and deposition should be measured at the surface.

Vegetation

Vegetation tissue samples were collected using stainless steel hedge-clippers and were placed into one-gallon re-sealable plastic bags for storage and shipment.

Collected vegetation was limited to grass species, cut approximately one inch above ground level to limit the influence of attached soil on the vegetation analytical results. Again, atmospheric deposition is the primary release pathway of concern and broad leaf annual plants generally provide the best sampling media. Due to the environment, Section 27 lacks broadleaf annuals. Grasses were used because they are abundant and consistently available for sampling. Samples were collected from new growth (i.e. biomass produced during the spring and summer of 2010) to limit a multi-year depositional bias.

Results

Isotopic analytes were reported in units of $\mu\text{Ci/g}$. All other results were reported in mg/kg . Several chemical results were below minimum detectable level (MDL), and several radiological constituent results were below minimum detectable concentration (MDC). These results could not be used, but were reported as less than their respective MDC or MDL value. There were no analytical notes/flags on constituents for any samples.

Gamma spectroscopy was run on soil and vegetation samples in order to establish a baseline for detectable species of radioisotopes. Results for other radionuclides that were not detected are not included in results.

U-235 and U-236 were not differentiated, as they are very difficult to distinguish by analytical laboratories due to similar energy signatures. Given the fact that any analytical results from this characterization serve as baseline, and that U-236 is a product of activation, U-236 is not expected to be present. However, results have been presented as "U-235/236" to avoid confusion or misrepresentation of analysis.

Soil

Results for soil analysis are listed in Table 1. U-234 values ranged from 4.42E-07 to 5.95E-07 $\mu\text{Ci/g}$. U-235/236 ranged from 5.58E-09 to 2.60E-08 $\mu\text{Ci/g}$. U-238 results ranged from 5.86E-07 to 5.95E-07 $\mu\text{Ci/g}$. RCRA metal concentrations for barium ranged from 88.5 to 109 mg/kg, cadmium from 0.27 to 0.42 mg/kg, chromium from 10.0 to 12.2 mg/kg, and lead from 11.7 to 14.7 mg/kg. All other RCRA metals were less than laboratory MDL. There were no positive results for organics in soil samples taken on October 15, 2010.

Vegetation

Results for vegetation analytical results are displayed in Table 2. Isotopic uranium results for vegetation tissue sampling for sampling location 1 were all less than MDC. Sampling location 2 had a positive result of 1.04E-08 $\mu\text{Ci/g}$ for U-238. All other isotopic uranium results were less than MDC concentrations. Barium results ranged from 10.6 to 10.9 mg/kg, and all other RCRA metal results were less than MDL values. Laboratory analysis indicated trace amounts of benzoic acid, phenol, and bis(2-ethylhexyl) phthalate in soil samples. Benzoic acid was present in sampling locations 1 and 2 at 0.48 and 0.46 mg/kg, respectively. Bis(2-ethylhexyl) phthalate was found in vegetation sample 1 at 0.26 mg/kg, and in sample 2 at 0.19 mg/kg. Phenol was found in sample location 1 at a concentration of 0.40 mg/kg.

Discussion

This soil and vegetation characterization establishes baseline radiological and chemical conditions at the proposed IIFP site. Future sampling events will be compared to this and other baseline characterization results.

Isotopic uranium concentrations in soil and on vegetation are consistent with expectations for the area. Ac-228, Pd-212, and Tl-208 are likely the products of alpha decay from Th-232. Th-234, Bi-214, and Po-214 are alpha decay products from U-238, and would be expected given detectable activity of U-238. The presence of Cs-137 is likely the result of particulate deposition from historic atmospheric weapons testing.

RCRA metal results for soil showed elevated concentrations of barium, chromium, and lead. These constituents are not uncommon in soils, but levels may have been elevated due to past petrochemical-related operations in the area.

Benzoic acid was present in collected vegetation samples and is a simple aromatic carboxylic acid, commonly produced and found in vegetation. Phenol is a common compound used in

herbicides, pharmaceuticals, and sunscreens. Phenol is also a constituent in coal tar, and may have been introduced to the site by petrochemical-related operations in the area. Bis(2-ethylhexyl) phthalate is a common plasticizing phthalate, and was likely introduced to samples by sterile gloves used in sampling procedures (Tienpont et al., 2005).

Conclusions

The proposed IIFP facility has not begun construction or operations, therefore any data gathered by this study concerning the characteristics of soil and vegetation are baseline, pre-existing conditions. As construction and operations begin and future samples collected, future studies will draw conclusions of potential impacts to the environment.

Figure 1. Site Map with Sampling Locations



Figure 2. Wind Roses for Hobbs and Midland-Odessa from IIFP ER Figure 3-56

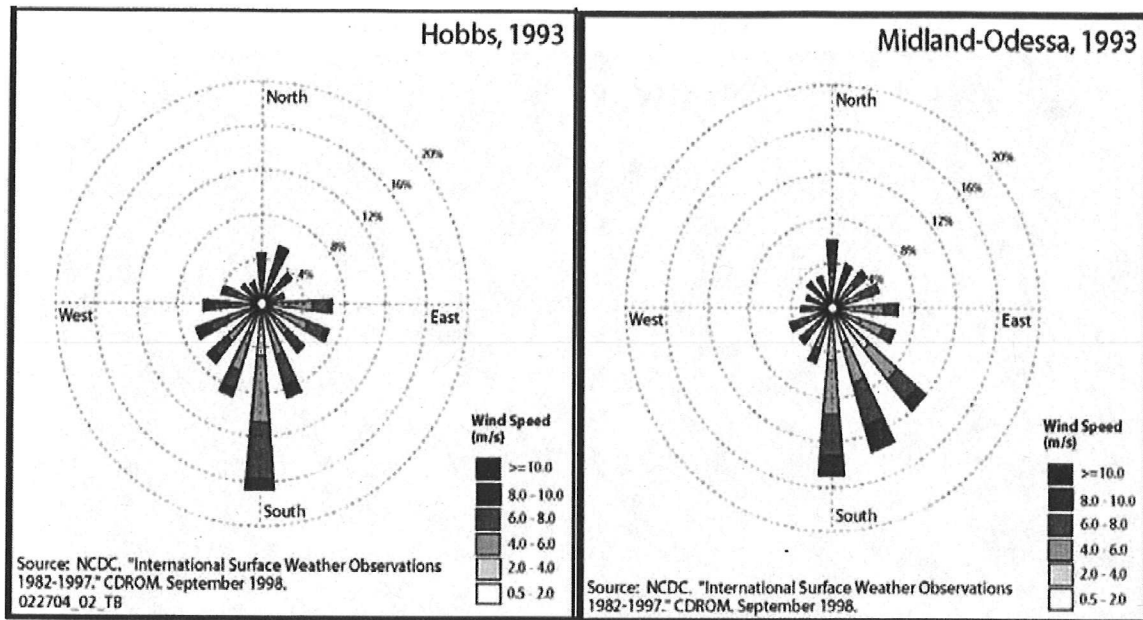


Table 1. Soil Analytical Results

Soil Analytical Results

Sampled October 15, 2010

*All units are in mg/kg unless otherwise indicated

Site	U-234 (uCi/g)	U-235/236 (uCi/g)	U-238 (uCi/g)	Ac-228 (uCi/g)	Bi-214 (uCi/g)	Co-60 (uCi/g)	Cs-137 (uCi/g)	K-40 (uCi/g)	Pa-234m (uCi/g)	Pb-212 (uCi/g)	Pb-214 (uCi/g)	Th-234 (uCi/g)	Tl-208 (uCi/g)
Soil 1	4.4257E-07	2.60E-08	5.9488E-07	1.09E-06	9.41E-07	< 5.30E-08	6.56E-07	1.56E-05	< 5.04E-06	1.08E-06	8.56E-07	< 1.21E-06	8.58E-07
Soil 2	5.9575E-07	5.58E-09	5.8639E-07	9.45E-07	8.40E-07	< 5.99E-08	2.87E-07	1.53E-05	< 5.84E-06	1.01E-06	8.05E-07	1.46E-06	9.33E-07

RCRA Metal Suite

Site	As	Ba	Cd	Cr	Pb	Hg	Se	Ag
Soil 1	< 2.5	109	0.42	12.2	14.7	< 0.033	< 4.0	< 0.50
Soil 2	< 2.5	88.5	0.27	10.0	11.7	< 0.033	< 4.0	< 0.50

Volatile Organic Compound (VOC) Suite

Site	1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane	1,2-Dibromoethane	1,2-Dichloroethane	1,2-Dichlorobenzene	1,2-Dichloroethane	1,2-Dichloropropane	1,3,5-Trimethylbenzene	
Soil 1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Soil 2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NA - Not Analyzed, NS - Not Sampled, ND - Not Detected

Soil Analytical Results (2 of 4)

Site	VOC Suite		
	Soil 1	Soil 2	Soil 2
1,3-Dichlorobenzene	ND	ND	ND
1,3-Dichloropropane	ND	ND	ND
1,4-Dichlorobenzene	ND	ND	ND
2,2-Dichloropropane	ND	ND	ND
2-Chlorofluorene	ND	ND	ND
2-Hexanone	ND	ND	ND
4-Chlorofluorene	ND	ND	ND
Acetone	ND	ND	ND
Acrylonitrile	ND	ND	ND
Benzene	ND	ND	ND
Bromobenzene	ND	ND	ND
Bromochloromethane	ND	ND	ND
Bromodichloromethane ^e	ND	ND	ND
Bromoforn	ND	ND	ND
Bromomethane	ND	ND	ND
Carbon disulfide	ND	ND	ND
Carbon tetrachloride	ND	ND	ND

Site	VOC Suite		
	Soil 1	Soil 2	Soil 2
Chlorobenzene	ND	ND	ND
Chloroethane	ND	ND	ND
Chloroform	ND	ND	ND
Chloromethane	ND	ND	ND
cis-1,2-dichloroethene	ND	ND	ND
cis-1,3-Dichloropropene	ND	ND	ND
Dibromochloromethane	ND	ND	ND
Dibromomethane	ND	ND	ND
Dichlorodifluoromethane ^e	ND	ND	ND
Ethylbenzene	ND	ND	ND
Hexachlorobutadiene	ND	ND	ND
Isopropylbenzene	ND	ND	ND
p-m-Xylene	ND	ND	ND
Methyl ethyl ketone (MEK)	ND	ND	ND
Methyl isobutyl ketone (MIBK)	ND	ND	ND
Methylene chloride	ND	ND	ND
Methyl-t-butyl ether (MTBE)	ND	ND	ND

Site	VOC Suite		
	Soil 1	Soil 2	Soil 2
Naphthalene	ND	ND	ND
n-Butylbenzene	ND	ND	ND
n-Propylbenzene	ND	ND	ND
o-Xylene	ND	ND	ND
p-Isopropyltoluene	ND	ND	ND
sec-Butylbenzene	ND	ND	ND
Styrene	ND	ND	ND
tert-Butylbenzene	ND	ND	ND
Tetrachloroethene	ND	ND	ND
Toluene	ND	ND	ND
trans-1,2-Dichloroethene	ND	ND	ND
trans-1,3-Dichloropropene	ND	ND	ND
Trichloroethene	ND	ND	ND
Trichlorofluoromethane	ND	ND	ND
Vinyl chloride	ND	ND	ND
Acrolein	ND	ND	ND
Ethyl methacrylate	ND	ND	ND

NA - Not Analyzed, NS - Not Sampled, ND - Not Detected

Soil Analytical Results (3 of 4)

Site	VOC Suite		Semi-Volatile Organic Compound (SVOC) Suite	
	Soil 1	Soil 2	Soil 1	Soil 2
Freon-113	ND	ND	4-Nitroaniline	ND
Iodomethane	ND	ND	4-Chloroaniline	ND
trans-1,4-Dichloro-2-butene	ND	ND	4-Chloro-3-methylphenol	ND
Vinyl acetate	ND	ND	4-Bromophenyl phenyl ether	ND
	ND	ND	4,6-Dinitro-2-methylphenol	ND
1,2,4-Trichlorobenzene	ND	ND	3-Nitroaniline	ND
1,2-Dichlorobenzene	ND	ND	3,4 Methylphenol	ND
1,2-Dichlorobenzene	ND	ND	4,6-Dinitro-2-methylphenol	ND
1,2-Diphenyl hydrazine	ND	ND	4-Chloro-3-methylphenol	ND
1,3-Dichlorobenzene	ND	ND	4-Chloroaniline	ND
1,4-Dichlorobenzene	ND	ND	4-Chlorophenyl phenyl ether	ND
	ND	ND	4-Nitroaniline	ND

SVOC Suite

Site	SVOC Suite	
	Soil 1	Soil 2
4-Nitrophenol	ND	ND
Acenaphthene	ND	ND
Acenaphthylene	ND	ND
Aniline	ND	ND
Anthracene	ND	ND
Benzidine	ND	ND
Benzo(ghi)perylene	ND	ND
Benzo[a]anthracene	ND	ND
Benzo[a]pyrene	ND	ND
Benzo[b]fluoranthene	ND	ND
Benzo[k]fluoranthene	ND	ND
Benzyl alcohol	ND	ND
bis(2-Chloroethoxy)methane	ND	ND
bis(2-Chloroethyl) ether	ND	ND
bis(2-Ethylhexyl)phthalate	ND	ND
Butylbenzylphthalate	ND	ND

SVOC Suite

Site	SVOC Suite	
	Soil 1	Soil 2
Carbazole	ND	ND
Chrysene	ND	ND
Dibenz(a,h)anthracene	ND	ND
Dibenzofuran	ND	ND
Diethylphthalate	ND	ND
Dimethylphthalate	ND	ND
di-n-Butylphthalate	ND	ND
di-n-Octylphthalate	ND	ND
Fluoranthene	ND	ND
Fluorene	ND	ND
Hexachlorobenzene	ND	ND
Hexachlorobutadiene	ND	ND
Hexachlorocyclopentadiene	ND	ND
Hexachlorocyclopentadiene ^e	ND	ND
Hexachloroethane	ND	ND
Indeno(1,2,3-cd)pyrene	ND	ND
Isophorone	ND	ND
Naphthalene	ND	ND

NA - Not Analyzed, NS - Not Sampled, ND - Not Detected

Table 2. Vegetation Analytical Results

Vegetation Analytical Results

Sampled October 15, 2010

*All units are in mg/kg unless otherwise indicated

Site	U-234 (uCi/g)	U-235/236 (uCi/g)	U-238 (uCi/g)	Ac-228 (uCi/g)	Bi-214 (uCi/g)	Co-60 (uCi/g)	Cs-137 (uCi/g)	K-40 (uCi/g)	Pa-234m (uCi/g)	Pb-212 (uCi/g)	Pb-214 (uCi/g)	Th-234 (uCi/g)	Tl-208 (uCi/g)
Veg 1	<3.68E-09	<3.83E-09	<2.73E-09	<1.86E-07	<1.14E-07	<4.95E-08	4.724E-08	3.282E-06	<5.24E-06	<8.39E-08	<1.01E-07	<7.65E-07	<1.55E-07
Veg 2	<4.58E-09	<3.09E-09	1.04E-08	<1.69E-07	<9.96E-08	<4.47E-08	<4.82E-08	2.20E-06	<4.67E-06	<7.86E-08	<8.88E-08	<8.64E-07	<1.44E-07

RCR4 Metal Suite

Site	As	Ba	Cd	Cr	Pb	Hg	Se	Ag
Veg 1	<2.5	10.6	<0.20	<0.60	<0.75	<0.033	<4.0	<0.50
Veg 2	<2.5	10.9	<0.20	<0.60	<0.75	<0.033	<4.0	<0.50

Volatile Organic Compound (VOC) Suite

Site	1,1,1-Trichloroethane	1,1,1,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1-dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,4-Trichlorobenzene	1,2,4-Trichloropropane	1,2-Dibromo-3-chloropropane	1,2-Dibromethane	1,2-Dichlorobenzene	1,2-Dichloroethane	1,2-Dichloropropane	1,3,5-Trimethylbenzene	
Veg 1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Veg 2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NA - Not Analyzed, NS - Not Sampled, ND - Not Detected

Vegetation Analytical Results (2 of 4)

Site		VOC Suite	
Veg 1	Veg 2		
ND	ND	1,3-Dichlorobenzene	ND
ND	ND	1,3-Dichloropropane	ND
ND	ND	1,4-Dichlorobenzene	ND
ND	ND	2,2-Dichloropropane	ND
ND	ND	2-Chloroluene	ND
ND	ND	2-Hexanone	ND
ND	ND	4-Chloroluene	ND
ND	ND	Acetone	ND
ND	ND	Acrylonitrile	ND
ND	ND	Benzene	ND
ND	ND	Bromobenzene	ND
ND	ND	Bromochloromethane	ND
ND	ND	Bromodichloromethane	ND
ND	ND	Bromoform	ND
ND	ND	Bromomethane	ND
ND	ND	Carbon disulfide	ND
ND	ND	Carbon tetrachloride	ND

Site		VOC Suite	
Veg 1	Veg 2		
ND	ND	Chlorobenzene	ND
ND	ND	Chloroethane	ND
ND	ND	Chloroform	ND
ND	ND	Chloromethane	ND
ND	ND	cis-1,2 dichloroethene	ND
ND	ND	cis-1,3 Dichloropropene	ND
ND	ND	Dibromochloromethane	ND
ND	ND	Dibromomethane	ND
ND	ND	Dichlorodifluoromethane	ND
ND	ND	Ethylbenzene	ND
ND	ND	Hexachlorobutadiene	ND
ND	ND	Isopropylbenzene	ND
ND	ND	p-m-Xylene	ND
ND	ND	Methyl ethyl ketone (MEK)	ND
ND	ND	Methyl isobutyl ketone (MIBK)	ND
ND	ND	Methylene chloride	ND
ND	ND	Methyl-t-butyl ether (MTBE)	ND

Site		VOC Suite	
Veg 1	Veg 2		
ND	ND	Naphthalene	ND
ND	ND	n-Butylbenzene	ND
ND	ND	n-Propylbenzene	ND
ND	ND	o-Xylene	ND
ND	ND	p-isopropyloluene	ND
ND	ND	sec-Butylbenzene	ND
ND	ND	Styrene	ND
ND	ND	tert-Butylbenzene	ND
ND	ND	Tetrachloroethene	ND
ND	ND	Toluene	ND
ND	ND	trans-1,2-Dichloroethene	ND
ND	ND	trans-1,3-Dichloropropene	ND
ND	ND	Trichloroethene	ND
ND	ND	Trichlorofluoromethane	ND
ND	ND	Vinyl chloride	ND
ND	ND	Acrolein	ND
ND	ND	Ethyl methacrylate	ND

NA - Not Analyzed, NS - Not Sampled, ND - Not Detected

Vegetation Analytical Results (3 of 4)

Site	VOC Suite				Semi-Volatile Organic Compound (SVOC) Suite			
	Veg 1	Veg 2	Veg 1	Veg 2	Veg 1	Veg 2	Veg 1	Veg 2
	Freon-113	ND	ND	ND	4-Nitroaniline	ND	ND	ND
	Iodomethane	ND	ND	ND	3-Nitroaniline	ND	ND	ND
	trans-1,4-Dichloro-2-butene	ND	ND	ND	4,6-Dinitro-2-methylphenol	ND	ND	ND
	Vinyl acetate	ND	ND	ND	4-Bromophenyl phenyl ether	ND	ND	ND
					4-Chloro-3-methylphenol	ND	ND	ND
					4-Chlorophenyl phenyl ether	ND	ND	ND
					4-Chloroaniline	ND	ND	ND

SVOC Suite

Site	4-Nitrophenol		Acenaphthene		Acenaphthylene		Aniline		Anthracene		Benzidine		Benzo(ghi)perylene		Benzo[a]anthracene		Benzo[a]pyrene		Benzo[k]fluoranthene		Benzo[b]fluoranthene		Benzyl alcohol		bis(2-Chloroethoxy)methane		bis(2-Chloropropyl) ether		bis(2-Ethylhexyl)phthalate		Butylbenzylphthalate	
	Veg 1	Veg 2	Veg 1	Veg 2	Veg 1	Veg 2	Veg 1	Veg 2	Veg 1	Veg 2	Veg 1	Veg 2	Veg 1	Veg 2	Veg 1	Veg 2	Veg 1	Veg 2	Veg 1	Veg 2	Veg 1	Veg 2	Veg 1	Veg 2	Veg 1	Veg 2	Veg 1	Veg 2	Veg 1	Veg 2		
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	

SVOC Suite

Site	Carbazole		Chrysene		Dibenz(a,h)anthracene		Dibenzofuran		Diethylphthalate		Dimethylphthalate		di-n-Butylphthalate		di-n-Octylphthalate		Fluoranthene		Fluorene		Hexachlorobenzene		Hexachlorobutadiene		Hexachlorocyclopentadiene		Hexachloroethane		Indeno(1,2,3-cd)pyrene		Isophorone		Naphthalene		
	Veg 1	Veg 2	Veg 1	Veg 2	Veg 1	Veg 2	Veg 1	Veg 2	Veg 1	Veg 2	Veg 1	Veg 2	Veg 1	Veg 2	Veg 1	Veg 2	Veg 1	Veg 2	Veg 1	Veg 2	Veg 1	Veg 2	Veg 1	Veg 2	Veg 1	Veg 2	Veg 1	Veg 2	Veg 1	Veg 2	Veg 1	Veg 2			
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NA - Not Analyzed, NS - Not Sampled, ND - Not Detected

References

Tienpont, B., David, F., Dewulf, E., Sandra, P. (2005) *Pitfalls and Solutions for the Trace Determination of Phthalates in Water Samples. Chromatographia*. Vol. 61. pgs. 365-370.

Figure 3-56 Wind Roses for Midland-Odessa, Roswell, Hobbs, and Eunice for 1993.
Environmental Report Revision A. International Isotopes Fluorine Products, Inc.
December 27, 2009.

Attachment 1: Laboratory Data Sheets



One Government Gulch - PO Box 929

Kellogg ID 83837-0929

(208) 784-1258

Fax (208) 783-0891

GL Environmental Inc.
PO Box 1746
Las Vegas, NM 87701

Work Order: **W0J0455**
Reported: 01-Nov-10 10:53

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SITE #1 SOIL	W0J0455-01	Soil	14-Oct-10 11:30	15-Oct-2010
SITE #2 SOIL	W0J0455-02	Soil	14-Oct-10 12:20	15-Oct-2010

Solid samples are analyzed on an as-received, wet-weight basis, unless otherwise requested.

Sample preparation is defined by the client as per their Data Quality Objectives.

This report supercedes any previous reports for this Work Order. The complete report includes pages for each sample, a full QC report, and a notes section.

The results presented in this report relate only to the samples, and meet all requirements of the NELAC Standards unless otherwise noted.



One Government Gulch - PO Box 929

Kellogg ID 83837-0929

(208) 784-1258

Fax (208) 783-0891

GL Environmental Inc.
PO Box 1746
Las Vegas, NM 87701

Work Order: **W0J0455**
Reported: 01-Nov-10 10:53

Client Sample ID: **SITE #1 SOIL**
SVL Sample ID: **W0J0455-01 (Soil)**

Sampled: 14-Oct-10 11:30
Received: 15-Oct-10
Sampled By:

Sample Report Page 1 of 1

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total) by EPA 6000/7000 Methods										
EPA 6010B	Arsenic	< 2.5	mg/kg	2.5	0.4		W043059	DT	10/29/10 16:53	
EPA 6010B	Barium	109	mg/kg	0.20	0.02		W043059	DT	10/29/10 16:53	
EPA 6010B	Cadmium	0.42	mg/kg	0.20	0.03		W043059	DT	10/29/10 16:53	
EPA 6010B	Chromium	12.2	mg/kg	0.60	0.07		W043059	DT	10/29/10 16:53	
EPA 6010B	Lead	14.7	mg/kg	0.75	0.36		W043059	DT	10/29/10 16:53	
EPA 6010B	Selenium	< 4.0	mg/kg	4.0	1.0		W043059	DT	10/29/10 16:53	
EPA 6010B	Silver	< 0.50	mg/kg	0.50	0.04		W043059	DT	10/29/10 16:53	
EPA 7471A	Mercury	< 0.033	mg/kg	0.033	0.010		W043139	JAA	10/25/10 14:58	
Percent Solids										
Percent Solids	% Solids	97.0	%	0.1			W043060	DP	10/25/10 10:59	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

John Kern
Laboratory Director



One Government Gulch - PO Box 929

Kellogg ID 83837-0929

(208) 784-1258

Fax (208) 783-0891

GL Environmental Inc.
PO Box 1746
Las Vegas, NM 87701

Work Order: **W0J0455**
Reported: 01-Nov-10 10:53

Client Sample ID: **SITE #2 SOIL**
SVL Sample ID: **W0J0455-02 (Soil)**

Sampled: 14-Oct-10 12:20
Received: 15-Oct-10
Sampled By:

Sample Report Page 1 of 1

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total) by EPA 6000/7000 Methods										
EPA 6010B	Arsenic	< 2.5	mg/kg	2.5	0.4		W043059	DT	10/29/10 16:59	
EPA 6010B	Barium	88.5	mg/kg	0.20	0.02		W043059	DT	10/29/10 16:59	
EPA 6010B	Cadmium	0.27	mg/kg	0.20	0.03		W043059	DT	10/29/10 16:59	
EPA 6010B	Chromium	10.0	mg/kg	0.60	0.07		W043059	DT	10/29/10 16:59	
EPA 6010B	Lead	11.7	mg/kg	0.75	0.36		W043059	DT	10/29/10 16:59	
EPA 6010B	Selenium	< 4.0	mg/kg	4.0	1.0		W043059	DT	10/29/10 16:59	
EPA 6010B	Silver	< 0.50	mg/kg	0.50	0.04		W043059	DT	10/29/10 16:59	
EPA 7471A	Mercury	< 0.033	mg/kg	0.033	0.010		W043139	JAA	10/25/10 14:59	
Percent Solids										
Percent Solids	% Solids	97.2	%	0.1			W043060	DP	10/25/10 10:59	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

John Kern
Laboratory Director



One Government Gulch - PO Box 929

Kellogg ID 83837-0929

(208) 784-1258

Fax (208) 783-0891

GL Environmental Inc. PO Box 1746 Las Vegas, NM 87701	Work Order: W0J0455 Reported: 01-Nov-10 10:53
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Quality Control - BLANK Data

Method	Analyte	Units	Result	MDL	MRL	Batch ID	Analyzed	Notes
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Metals (Total) by EPA 6000/7000 Methods

EPA 6010B	Arsenic	mg/kg	<2.5	0.4	2.5	W043059	29-Oct-10	
EPA 6010B	Barium	mg/kg	<0.20	0.02	0.20	W043059	29-Oct-10	
EPA 6010B	Cadmium	mg/kg	<0.20	0.03	0.20	W043059	29-Oct-10	
EPA 6010B	Chromium	mg/kg	<0.60	0.07	0.60	W043059	29-Oct-10	
EPA 6010B	Lead	mg/kg	<0.75	0.36	0.75	W043059	29-Oct-10	
EPA 6010B	Selenium	mg/kg	<4.0	1.0	4.0	W043059	29-Oct-10	
EPA 6010B	Silver	mg/kg	<0.50	0.04	0.50	W043059	29-Oct-10	
EPA 7471A	Mercury	mg/kg	<0.033	0.010	0.033	W043139	25-Oct-10	

Quality Control - LABORATORY CONTROL SAMPLE Data

Method	Analyte	Units	LCS Result	LCS True	% Rec.	Acceptance Limits	Batch ID	Analyzed	Notes
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Metals (Total) by EPA 6000/7000 Methods

EPA 6010B	Arsenic	mg/kg	94.9	100	94.9	80 - 120	W043059	29-Oct-10	
EPA 6010B	Barium	mg/kg	100	100	100	80 - 120	W043059	29-Oct-10	
EPA 6010B	Cadmium	mg/kg	96.1	100	96.1	80 - 120	W043059	29-Oct-10	
EPA 6010B	Chromium	mg/kg	98.9	100	98.9	80 - 120	W043059	29-Oct-10	
EPA 6010B	Lead	mg/kg	96.3	100	96.3	80 - 120	W043059	29-Oct-10	
EPA 6010B	Selenium	mg/kg	91.0	100	91.0	80 - 120	W043059	29-Oct-10	
EPA 6010B	Silver	mg/kg	5.00	5.00	100	80 - 120	W043059	29-Oct-10	
EPA 7471A	Mercury	mg/kg	0.857	0.833	103	80 - 120	W043139	25-Oct-10	

Quality Control - MATRIX SPIKE Data

Method	Analyte	Units	Spike Result	Sample Result (R)	Spike Level (S)	% Rec.	Acceptance Limits	Batch ID	Analyzed	Notes
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Metals (Total) by EPA 6000/7000 Methods

EPA 6010B	Arsenic	mg/kg	98.2	<2.5	100	96.6	75 - 125	W043059	29-Oct-10	
EPA 6010B	Barium	mg/kg	173	62.9	100	110	75 - 125	W043059	29-Oct-10	
EPA 6010B	Cadmium	mg/kg	96.6	<0.20	100	96.6	75 - 125	W043059	29-Oct-10	
EPA 6010B	Chromium	mg/kg	109	5.73	100	103	75 - 125	W043059	29-Oct-10	
EPA 6010B	Lead	mg/kg	101	3.25	100	97.3	75 - 125	W043059	29-Oct-10	
EPA 6010B	Selenium	mg/kg	94.9	<4.0	100	92.3	75 - 125	W043059	29-Oct-10	
EPA 6010B	Silver	mg/kg	5.29	<0.50	5.00	103	75 - 125	W043059	29-Oct-10	
EPA 7471A	Mercury	mg/kg	8.97	8.57	0.167	R > 4S	75 - 125	W043139	25-Oct-10	D2,M3



One Government Gulch - PO Box 929

Kellogg ID 83837-0929

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GL Environmental Inc.
PO Box 1746
Las Vegas, NM 87701

Work Order: **W0J0455**
Reported: 01-Nov-10 10:53

Quality Control - MATRIX SPIKE DUPLICATE Data

Method	Analyte	Units	MSD Result	Spike Result	Spike Level	RPD	RPD Limit	Batch ID	Analyzed	Notes
Metals (Total) by EPA 6000/7000 Methods										
EPA 6010B	Arsenic	mg/kg	96.1	98.2	100	2.2	20	W043059	29-Oct-10	
EPA 6010B	Barium	mg/kg	177	173	100	2.0	20	W043059	29-Oct-10	
EPA 6010B	Cadmium	mg/kg	94.8	96.6	100	1.9	20	W043059	29-Oct-10	
EPA 6010B	Chromium	mg/kg	107	109	100	1.5	20	W043059	29-Oct-10	
EPA 6010B	Lead	mg/kg	98.5	101	100	2.1	20	W043059	29-Oct-10	
EPA 6010B	Selenium	mg/kg	90.0	94.9	100	5.3	20	W043059	29-Oct-10	
EPA 6010B	Silver	mg/kg	5.22	5.29	5.00	1.3	20	W043059	29-Oct-10	
EPA 7471A	Mercury	mg/kg	7.30	8.97	0.167	20.5	20	W043139	25-Oct-10	D2,M3

Notes and Definitions

- D2 Sample required dilution due to high concentration of target analyte.
- M3 The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to spike level. The LCS was acceptable.
- LCS Laboratory Control Sample (Blank Spike)
- RPD Relative Percent Difference
- UDL A result is less than the detection limit
- R > 4S % recovery not applicable, sample concentration more than four times greater than spike level
- <RL A result is less than the reporting limit
- MRL Method Reporting Limit
- MDL Method Detection Limit
- N/A Not Applicable

Anatek Labs, Inc.

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Client: GL ENVIRONMENTAL, INC.
Address: PO BOX 1746
LAS VEGAS, NM 87701
Attn: MATTHEW LANE

Batch #: 101025027
Project Name: SVL #W0J0455

Analytical Results Report

Sample Number	101025027-001	Sampling Date	10/14/2010	Date/Time Received	10/19/2010 11:40 AM
Client Sample ID	SITE #1 SOIL	Sampling Time	11:30 AM		
Matrix	Soil	Sample Location	W0J0455-01		
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
1,1,1-Trichloroethane	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
1,1,2-Trichloroethane	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
1,1-Dichloroethane	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
1,1-Dichloroethene	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
1,1-dichloropropene	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
1,2,3-Trichlorobenzene	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
1,2,3-Trichloropropane	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
1,2,4-Trichlorobenzene	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
1,2,4-Trimethylbenzene	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
1,2-Dibromo-3-chloropropane(DBCP)	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
1,2-Dibromoethane	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
1,2-Dichlorobenzene	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
1,2-Dichloroethane	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
1,2-Dichloropropane	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
1,3,5-Trimethylbenzene	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
1,3-Dichlorobenzene	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
1,3-Dichloropropane	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
1,4-Dichlorobenzene	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
2,2-Dichloropropane	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
2-Chlorotoluene	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
2-hexanone	ND	mg/kg	0.025	10/26/2010	CAS	EPA 8260B	
4-Chlorotoluene	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
Acetone	ND	mg/kg	0.025	10/26/2010	CAS	EPA 8260B	
Acrylonitrile	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
Benzene	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
Bromobenzene	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
Bromochloromethane	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
Bromodichloromethane	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
Bromoform	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
Bromomethane	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
Carbon disulfide	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
Carbon Tetrachloride	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C585; MT:Cert0095

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Client: GL ENVIRONMENTAL, INC.
Address: PO BOX 1746
LAS VEGAS, NM 87701
Attn: MATTHEW LANE

Batch #: 101025027
Project Name: SVL #W0J0455

Analytical Results Report

Sample Number	101025027-001	Sampling Date	10/14/2010	Date/Time Received	10/19/2010 11:40 AM
Client Sample ID	SITE #1 SOIL	Sampling Time	11:30 AM		
Matrix	Soil	Sample Location	W0J0455-01		
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Chlorobenzene	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
Chloroethane	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
Chloroform	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
Chloromethane	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
cis-1,2-dichloroethene	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
cis-1,3-Dichloropropene	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
Dibromochloromethane	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
Dibromomethane	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
Dichlorodifluoromethane	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
Ethylbenzene	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
Hexachlorobutadiene	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
Isopropylbenzene	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
m+p-Xylene	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
Methyl ethyl ketone (MEK)	ND	mg/kg	0.025	10/26/2010	CAS	EPA 8260B	
Methyl isobutyl ketone (MIBK)	ND	mg/kg	0.025	10/26/2010	CAS	EPA 8260B	
Methylene chloride	ND	mg/kg	0.025	10/26/2010	CAS	EPA 8260B	
methyl-t-butyl ether (MTBE)	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
Naphthalene	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
n-Butylbenzene	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
n-Propylbenzene	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
o-Xylene	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
p-isopropyltoluene	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
sec-Butylbenzene	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
Styrene	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
tert-Butylbenzene	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
Tetrachloroethene	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
Toluene	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
trans-1,2-Dichloroethene	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
trans-1,3-Dichloropropene	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
Trichloroethene	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
Trichlorofluoromethane	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
Vinyl Chloride	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
Acrolein	ND	mg/kg	0.05	10/26/2010	CAS	EPA 8260B	
Ethyl methacrylate	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
Freon-113	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C585; MT:Cert0095

Anatek Labs, Inc.

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Client: GL ENVIRONMENTAL, INC.
Address: PO BOX 1746
LAS VEGAS, NM 87701
Attn: MATTHEW LANE

Batch #: 101025027
Project Name: SVL #W0J0455

Analytical Results Report

Sample Number	101025027-001	Sampling Date	10/14/2010	Date/Time Received	10/19/2010 11:40 AM
Client Sample ID	SITE #1 SOIL	Sampling Time	11:30 AM		
Matrix	Soil	Sample Location	W0J0455-01		
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Iodomethane	ND	mg/kg	0.005	10/26/2010	CAS	EPA-8260B	
trans-1-4-Dichloro-2-butene	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
Vinyl acetate	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
%moisture	3.1	Percent		11/3/2010	MAS	%moisture	

Surrogate Data

Sample Number	101025027-001			
Surrogate Standard	Method	Percent Recovery	Control Limits	
1,2-Dichlorobenzene-d4	EPA 8260B	74.4	70-130	
4-Bromofluorobenzene	EPA 8260B	83.6	70-130	
Toluene-d8	EPA 8260B	98.8	70-130	

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Client: GL ENVIRONMENTAL, INC.
Address: PO BOX 1746
LAS VEGAS, NM 87701
Attn: MATTHEW LANE

Batch #: 101025027
Project Name: SVL #W0J0455

Analytical Results Report

Sample Number 101025027-002 **Sampling Date** 10/14/2010 **Date/Time Received** 10/19/2010 11:40 AM
Client Sample ID SITE #2 SOIL **Sampling Time** 12:20 PM
Matrix Soil **Sample Location** W0J0455-02
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
1,1,1-Trichloroethane	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
1,1,2-Trichloroethane	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
1,1-Dichloroethane	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
1,1-Dichloroethene	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
1,1-dichloropropene	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
1,2,3-Trichlorobenzene	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
1,2,3-Trichloropropane	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
1,2,4-Trichlorobenzene	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
1,2,4-Trimethylbenzene	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
1,2-Dibromo-3-chloropropane(DBCP)	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
1,2-Dibromoethane	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
1,2-Dichlorobenzene	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
1,2-Dichloroethane	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
1,2-Dichloropropane	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
1,3,5-Trimethylbenzene	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
1,3-Dichlorobenzene	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
1,3-Dichloropropane	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
1,4-Dichlorobenzene	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
2,2-Dichloropropane	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
2-Chlorotoluene	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
2-hexanone	ND	mg/kg	0.025	10/26/2010	CAS	EPA 8260B	
4-Chlorotoluene	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
Acetone	ND	mg/kg	0.025	10/26/2010	CAS	EPA 8260B	
Acrylonitrile	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
Benzene	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
Bromobenzene	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
Bromochloromethane	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
Bromodichloromethane	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
Bromoform	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
Bromomethane	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
Carbon disulfide	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
Carbon Tetrachloride	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
Chlorobenzene	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C585; MT:Cert0095

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Client: GL ENVIRONMENTAL, INC.
Address: PO BOX 1746
LAS VEGAS, NM 87701
Attn: MATTHEW LANE

Batch #: 101025027
Project Name: SVL #W0J0455

Analytical Results Report

Sample Number 101025027-002 **Sampling Date** 10/14/2010 **Date/Time Received** 10/19/2010 11:40 AM
Client Sample ID SITE #2 SOIL **Sampling Time** 12:20 PM
Matrix Soil **Sample Location** W0J0455-02
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Chloroethane	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
Chloroform	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
Chloromethane	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
cis-1,2-dichloroethene	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
cis-1,3-Dichloropropene	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
Dibromochloromethane	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
Dibromomethane	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
Dichlorodifluoromethane	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
Ethylbenzene	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
Hexachlorobutadiene	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
Isopropylbenzene	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
m+p-Xylene	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
Methyl ethyl ketone (MEK)	ND	mg/kg	0.025	10/26/2010	CAS	EPA 8260B	
Methyl isobutyl ketone (MIBK)	ND	mg/kg	0.025	10/26/2010	CAS	EPA 8260B	
Methylene chloride	ND	mg/kg	0.025	10/26/2010	CAS	EPA 8260B	
methyl-t-butyl ether (MTBE)	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
Naphthalene	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
n-Butylbenzene	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
n-Propylbenzene	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
o-Xylene	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
p-isopropyltoluene	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
sec-Butylbenzene	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
Styrene	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
tert-Butylbenzene	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
Tetrachloroethene	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
Toluene	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
trans-1,2-Dichloroethene	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
trans-1,3-Dichloropropene	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
Trichloroethene	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
Trichlorofluoromethane	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
Vinyl Chloride	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
Acrolein	ND	mg/kg	0.05	10/26/2010	CAS	EPA 8260B	
Ethyl methacrylate	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
Freon-113	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
Iodomethane	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
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Client: GL ENVIRONMENTAL, INC.
Address: PO BOX 1746
LAS VEGAS, NM 87701
Attn: MATTHEW LANE

Batch #: 101025027
Project Name: SVL #W0J0455

Analytical Results Report

Sample Number 101025027-002 **Sampling Date** 10/14/2010 **Date/Time Received** 10/19/2010 11:40 AM
Client Sample ID SITE #2 SOIL **Sampling Time** 12:20 PM
Matrix Soil **Sample Location** W0J0455-02
Comments

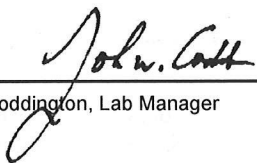
Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
trans-1-4-Dichloro-2-butene	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
Vinyl acetate	ND	mg/kg	0.005	10/26/2010	CAS	EPA 8260B	
%moisture	2.4	Percent		11/3/2010	MAS	%moisture	

Surrogate Data

Sample Number 101025027-002

Surrogate Standard	Method	Percent Recovery	Control Limits
1,2-Dichlorobenzene-d4	EPA 8260B	74.0	70-130
4-Bromofluorobenzene	EPA 8260B	83.6	70-130
Toluene-d8	EPA 8260B	99.6	70-130

Authorized Signature


John Coddington, Lab Manager

MCL EPA's Maximum Contaminant Level
ND Not Detected
PQL Practical Quantitation Limit

This report shall not be reproduced except in full, without the written approval of the laboratory.
The results reported relate only to the samples indicated.
Soil/solid results are reported on a dry-weight basis unless otherwise noted.

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Attn: MATTHEW LANE

Batch #: 101025027
Project Name: SVL #W0J0455

Analytical Results Report Quality Control Data

Lab Control Sample

Parameter	LCS Result	Units	LCS Spike	%Rec	AR %Rec	Prep Date	Analysis Date
Trichloroethene	0.00489	mg/kg	0.005	97.8	79-118	10/26/2010	10/26/2010
Toluene	0.00496	mg/kg	0.005	99.2	69-131	10/26/2010	10/26/2010
Chlorobenzene	0.00497	mg/kg	0.005	99.4	75-123	10/26/2010	10/26/2010
Benzene	0.00490	mg/kg	0.005	98.0	68-132	10/26/2010	10/26/2010
1,1-Dichloroethene	0.00465	mg/kg	0.005	93.0	54-158	10/26/2010	10/26/2010

Matrix Spike

Sample Number	Parameter	Sample Result	MS Result	Units	MS Spike	%Rec	AR %Rec	Prep Date	Analysis Date
101025027-001	Chlorobenzene	ND	0.521	mg/kg	0.5	104.2	70-126	10/26/2010	10/26/2010
101025027-001	Benzene	ND	0.536	mg/kg	0.5	107.2	65-137	10/26/2010	10/26/2010
101025027-001	1,1-Dichloroethene	ND	0.617	mg/kg	0.5	123.4	54-158	10/26/2010	10/26/2010
101025027-001	Trichloroethene	ND	0.549	mg/kg	0.5	109.8	64-143	10/26/2010	10/26/2010
101025027-001	Toluene	ND	0.530	mg/kg	0.5	106.0	67-134	10/26/2010	10/26/2010

Method Blank

Parameter	Result	Units	PQL	Prep Date	Analysis Date
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.005	10/26/2010	10/26/2010
1,1,1-Trichloroethane	ND	mg/kg	0.005	10/26/2010	10/26/2010
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.005	10/26/2010	10/26/2010
1,1,2-Trichloroethane	ND	mg/kg	0.005	10/26/2010	10/26/2010
1,1-Dichloroethane	ND	mg/kg	0.005	10/26/2010	10/26/2010
1,1-Dichloroethene	ND	mg/kg	0.005	10/26/2010	10/26/2010
1,1-dichloropropene	ND	mg/kg	0.005	10/26/2010	10/26/2010
1,2,3-Trichlorobenzene	ND	mg/kg	0.005	10/26/2010	10/26/2010
1,2,3-Trichloropropane	ND	mg/kg	0.005	10/26/2010	10/26/2010
1,2,4-Trichlorobenzene	ND	mg/kg	0.005	10/26/2010	10/26/2010
1,2,4-Trimethylbenzene	ND	mg/kg	0.005	10/26/2010	10/26/2010
1,2-Dibromo-3-chloropropane(DBCP)	ND	mg/kg	0.005	10/26/2010	10/26/2010
1,2-Dibromoethane	ND	mg/kg	0.005	10/26/2010	10/26/2010
1,2-Dichlorobenzene	ND	mg/kg	0.005	10/26/2010	10/26/2010
1,2-Dichloroethane	ND	mg/kg	0.005	10/26/2010	10/26/2010
1,2-Dichloropropane	ND	mg/kg	0.005	10/26/2010	10/26/2010

Comments:

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Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C585; MT:Cert0095

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Client: GL ENVIRONMENTAL, INC.
Address: PO BOX 1746
LAS VEGAS, NM 87701
Attn: MATTHEW LANE

Batch #: 101025027
Project Name: SVL #W0J0455

Analytical Results Report Quality Control Data

Method Blank

Parameter	Result	Units	PQL	Prep Date	Analysis Date
1,3,5-Trimethylbenzene	ND	mg/kg	0.005	10/26/2010	10/26/2010
1,3-Dichlorobenzene	ND	mg/kg	0.005	10/26/2010	10/26/2010
1,3-Dichloropropane	ND	mg/kg	0.005	10/26/2010	10/26/2010
1,4-Dichlorobenzene	ND	mg/kg	0.005	10/26/2010	10/26/2010
2,2-Dichloropropane	ND	mg/kg	0.005	10/26/2010	10/26/2010
2-Chlorotoluene	ND	mg/kg	0.005	10/26/2010	10/26/2010
2-hexanone	ND	mg/kg	0.025	10/26/2010	10/26/2010
4-Chlorotoluene	ND	mg/kg	0.005	10/26/2010	10/26/2010
Acetone	ND	mg/kg	0.025	10/26/2010	10/26/2010
Acrylonitrile	ND	mg/kg	0.005	10/26/2010	10/26/2010
Benzene	ND	mg/kg	0.005	10/26/2010	10/26/2010
Bromobenzene	ND	mg/kg	0.005	10/26/2010	10/26/2010
Bromochloromethane	ND	mg/kg	0.005	10/26/2010	10/26/2010
Bromodichloromethane	ND	mg/kg	0.005	10/26/2010	10/26/2010
Bromoform	ND	mg/kg	0.005	10/26/2010	10/26/2010
Bromomethane	ND	mg/kg	0.005	10/26/2010	10/26/2010
Carbon disulfide	ND	mg/kg	0.005	10/26/2010	10/26/2010
Carbon Tetrachloride	ND	mg/kg	0.005	10/26/2010	10/26/2010
Chlorobenzene	ND	mg/kg	0.005	10/26/2010	10/26/2010
Chloroethane	ND	mg/kg	0.005	10/26/2010	10/26/2010
Chloroform	ND	mg/kg	0.005	10/26/2010	10/26/2010
Chloromethane	ND	mg/kg	0.005	10/26/2010	10/26/2010
cis-1,2-dichloroethene	ND	mg/kg	0.005	10/26/2010	10/26/2010
cis-1,3-Dichloropropene	ND	mg/kg	0.005	10/26/2010	10/26/2010
Dibromochloromethane	ND	mg/kg	0.005	10/26/2010	10/26/2010
Dibromomethane	ND	mg/kg	0.005	10/26/2010	10/26/2010
Dichlorodifluoromethane	ND	mg/kg	0.005	10/26/2010	10/26/2010
Ethylbenzene	ND	mg/kg	0.005	10/26/2010	10/26/2010
Hexachlorobutadiene	ND	mg/kg	0.005	10/26/2010	10/26/2010
Isopropylbenzene	ND	mg/kg	0.005	10/26/2010	10/26/2010
m+p-Xylene	ND	mg/kg	0.005	10/26/2010	10/26/2010
Methyl ethyl ketone (MEK)	ND	mg/kg	0.025	10/26/2010	10/26/2010
Methyl isobutyl ketone (MIBK)	ND	mg/kg	0.025	10/26/2010	10/26/2010
Methylene chloride	ND	mg/kg	0.025	10/26/2010	10/26/2010
methyl-t-butyl ether (MTBE)	ND	mg/kg	0.005	10/26/2010	10/26/2010
Naphthalene	ND	mg/kg	0.005	10/26/2010	10/26/2010
n-Butylbenzene	ND	mg/kg	0.005	10/26/2010	10/26/2010

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM:ID00013; OR:ID200001-002; WA:C595
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Client: GL ENVIRONMENTAL, INC.
Address: PO BOX 1746
LAS VEGAS, NM 87701
Attn: MATTHEW LANE

Batch #: 101025027
Project Name: SVL #W0J0455

Analytical Results Report Quality Control Data

Method Blank

Parameter	Result	Units	PQL	Prep Date	Analysis Date
n-Propylbenzene	ND	mg/kg	0.005	10/26/2010	10/26/2010
o-Xylene	ND	mg/kg	0.005	10/26/2010	10/26/2010
p-isopropyltoluene	ND	mg/kg	0.005	10/26/2010	10/26/2010
sec-Butylbenzene	ND	mg/kg	0.005	10/26/2010	10/26/2010
Styrene	ND	mg/kg	0.005	10/26/2010	10/26/2010
tert-Butylbenzene	ND	mg/kg	0.005	10/26/2010	10/26/2010
Tetrachloroethene	ND	mg/kg	0.005	10/26/2010	10/26/2010
Toluene	ND	mg/kg	0.005	10/26/2010	10/26/2010
trans-1,2-Dichloroethene	ND	mg/kg	0.005	10/26/2010	10/26/2010
trans-1,3-Dichloropropene	ND	mg/kg	0.005	10/26/2010	10/26/2010
Trichloroethene	ND	mg/kg	0.005	10/26/2010	10/26/2010
Trichlorofluoromethane	ND	mg/kg	0.005	10/26/2010	10/26/2010
Vinyl Chloride	ND	mg/kg	0.005	10/26/2010	10/26/2010

AR Acceptable Range
ND Not Detected
PQL Practical Quantitation Limit
RPD Relative Percentage Difference

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM:ID00013; OR:ID200001-002; WA:C595
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Client: GL ENVIRONMENTAL, INC.
Address: PO BOX 1746
LAS VEGAS, NM 87701
Attn: MATTHEW LANE

Batch #: 101025027
Project Name: SVL #W0J0455

Analytical Results Report

Sample Number	101025027-001	Sampling Date	10/14/2010	Date/Time Received	10/19/2010 11:40 AM
Client Sample ID	SITE #1 SOIL	Sampling Time	11:30 AM	Extraction Date	10/27/2010
Matrix	Soil	Sample Location	W0J0455-01		
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,2,4-Trichlorobenzene	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
1,2-Dichlorobenzene	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
1,2-Diphenyl hydrazine	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
1,3-Dichlorobenzene	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
1,4-Dichlorobenzene	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
1-Methylnaphthalene	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
2,3,4,6-Tetrachlorophenol	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
2,3,5,6-Tetrachlorophenol	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
2,4,5-Trichlorophenol	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
2,4,6-Trichlorophenol	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
2,4-Dichlorophenol	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
2,4-Dimethylphenol	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
2,4-Dinitrophenol	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
2,4-Dinitrotoluene	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
2,6-Dinitrotoluene	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
2-Chloronaphthalene	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
2-Chlorophenol	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
2-Methylnaphthalene	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
2-Methylphenol	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
2-Nitroaniline	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
2-Nitrophenol	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
3,3'-Dichlorobenzidine	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
3+4-Methylphenol	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
3-Nitroaniline	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
4,6-Dinitro-2-methylphenol	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
4-Bromophenyl-phenylether	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
4-Chloro-3-methylphenol	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
4-Chloroaniline	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
4-Chlorophenyl-phenylether	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
4-Nitroaniline	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
4-Nitrophenol	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Acenaphthene	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Acenaphthylene	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Aniline	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Anthracene	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
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Client: GL ENVIRONMENTAL, INC.
Address: PO BOX 1746
LAS VEGAS, NM 87701
Attn: MATTHEW LANE

Batch #: 101025027
Project Name: SVL #W0J0455

Analytical Results Report

Sample Number	101025027-001	Sampling Date	10/14/2010	Date/Time Received	10/19/2010 11:40 AM
Client Sample ID	SITE #1 SOIL	Sampling Time	11:30 AM	Extraction Date	10/27/2010
Matrix	Soil	Sample Location	W0J0455-01		

Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Benzidine	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Benzo(ghi)perylene	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Benzo[a]anthracene	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Benzo[a]pyrene	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Benzo[b]fluoranthene	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Benzo[k]fluoranthene	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Benzyl alcohol	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
bis(2-Chloroethoxy)methane	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
bis(2-Chloroethyl)ether	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
bis(2-chloroisopropyl)ether	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
bis(2-Ethylhexyl)phthalate	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Butylbenzylphthalate	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Carbazole	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Chrysene	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Dibenz[a,h]anthracene	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Dibenzofuran	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Diethylphthalate	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Dimethylphthalate	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Di-n-butylphthalate	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Di-n-octylphthalate	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Fluoranthene	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Fluorene	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Hexachlorobenzene	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Hexachlorobutadiene	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Hexachlorocyclopentadiene	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Hexachloroethane	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Indeno[1,2,3-cd]pyrene	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Isophorone	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Naphthalene	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Nitrobenzene	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Nitrosodimethylamine	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
n-Nitroso-di-n-propylamine	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
n-Nitrosodiphenylamine	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Pentachlorophenol	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Phenanthrene	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Phenol	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Pyrene	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C585; MT:Cert0095

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Client: GL ENVIRONMENTAL, INC.
Address: PO BOX 1746
LAS VEGAS, NM 87701
Attn: MATTHEW LANE

Batch #: 101025027
Project Name: SVL #W0J0455

Analytical Results Report

Sample Number	101025027-001	Sampling Date	10/14/2010	Date/Time Received	10/19/2010 11:40 AM
Client Sample ID	SITE #1 SOIL	Sampling Time	11:30 AM	Extraction Date	10/27/2010
Matrix	Soil	Sample Location	W0J0455-01		
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Pyridine	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Benzoic acid	ND	mg/kg	0.05	11/3/2010	EMP	EPA 8270C	
%moisture	3.1	Percent		11/3/2010	MAS	%moisture	

Surrogate Data

Sample Number	101025027-001			
Surrogate Standard	Method	Percent Recovery	Control Limits	
2,4,6-Tribromophenol	EPA 8270C	70.8	19-122	
2-Fluorobiphenyl	EPA 8270C	111.3	30-115	
2-Fluorophenol	EPA 8270C	79.0	25-121	
Nitrobenzene-d5	EPA 8270C	99.0	17-112	
Phenol-d5	EPA 8270C	82.4	24-113	
Terphenyl-d14	EPA 8270C	108.3	18-137	

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Client: GL ENVIRONMENTAL, INC.
Address: PO BOX 1746
LAS VEGAS, NM 87701
Attn: MATTHEW LANE

Batch #: 101025027
Project Name: SVL #W0J0455

Analytical Results Report

Sample Number	101025027-002	Sampling Date	10/14/2010	Date/Time Received	10/19/2010 11:40 AM
Client Sample ID	SITE #2 SOIL	Sampling Time	12:20 PM	Extraction Date	10/27/2010
Matrix	Soil	Sample Location	W0J0455-02		
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,2,4-Trichlorobenzene	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
1,2-Dichlorobenzene	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
1,2-Diphenyl hydrazine	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
1,3-Dichlorobenzene	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
1,4-Dichlorobenzene	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
1-Methylnaphthalene	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
2,3,4,6-Tetrachlorophenol	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
2,3,5,6-Tetrachlorophenol	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
2,4,5-Trichlorophenol	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
2,4,6-Trichlorophenol	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
2,4-Dichlorophenol	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
2,4-Dimethylphenol	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
2,4-Dinitrophenol	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
2,4-Dinitrotoluene	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
2,6-Dinitrotoluene	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
2-Chloronaphthalene	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
2-Chlorophenol	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
2-Methylnaphthalene	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
2-Methylphenol	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
2-Nitroaniline	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
2-Nitrophenol	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
3,3'-Dichlorobenzidine	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
3+4-Methylphenol	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
3-Nitroaniline	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
4,6-Dinitro-2-methylphenol	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
4-Bromophenyl-phenylether	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
4-Chloro-3-methylphenol	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
4-Chloroaniline	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
4-Chlorophenyl-phenylether	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
4-Nitroaniline	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
4-Nitrophenol	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Acenaphthene	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Acenaphthylene	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Aniline	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Anthracene	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Benzidine	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Benzo(ghi)perylene	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	

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Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C585; MT:Cert0095

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Client: GL ENVIRONMENTAL, INC.
Address: PO BOX 1746
LAS VEGAS, NM 87701
Attn: MATTHEW LANE

Batch #: 101025027
Project Name: SVL #W0J0455

Analytical Results Report

Sample Number	101025027-002	Sampling Date	10/14/2010	Date/Time Received	10/19/2010 11:40 AM
Client Sample ID	SITE #2 SOIL	Sampling Time	12:20 PM	Extraction Date	10/27/2010
Matrix	Soil	Sample Location	W0J0455-02		
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Benzo[a]anthracene	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Benzo[a]pyrene	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Benzo[b]fluoranthene	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Benzo[k]fluoranthene	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Benzyl alcohol	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
bis(2-Chloroethoxy)methane	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
bis(2-Chloroethyl)ether	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
bis(2-chloroisopropyl)ether	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
bis(2-Ethylhexyl)phthalate	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Butylbenzylphthalate	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Carbazole	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Chrysene	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Dibenz[a,h]anthracene	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Dibenzofuran	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Diethylphthalate	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Dimethylphthalate	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Di-n-butylphthalate	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Di-n-octylphthalate	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Fluoranthene	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Fluorene	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Hexachlorobenzene	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Hexachlorobutadiene	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Hexachlorocyclopentadiene	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Hexachloroethane	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Indeno[1,2,3-cd]pyrene	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Isophorone	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Naphthalene	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Nitrobenzene	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Nitrosodimethylamine	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
n-Nitroso-di-n-propylamine	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
n-Nitrosodiphenylamine	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Pentachlorophenol	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Phenanthrene	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Phenol	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Pyrene	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Pyridine	ND	mg/Kg	0.05	11/3/2010	EMP	EPA 8270C	
Benzoic acid	ND	mg/kg	0.05	11/3/2010	EMP	EPA 8270C	

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C585; MT:Cert0095

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Client: GL ENVIRONMENTAL, INC.
Address: PO BOX 1746
LAS VEGAS, NM 87701
Attn: MATTHEW LANE

Batch #: 101025027
Project Name: SVL #W0J0455

Analytical Results Report

Sample Number	101025027-002	Sampling Date	10/14/2010	Date/Time Received	10/19/2010 11:40 AM
Client Sample ID	SITE #2 SOIL	Sampling Time	12:20 PM	Extraction Date	10/27/2010
Matrix	Soil	Sample Location	W0J0455-02		
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
%moisture	2.4	Percent		11/3/2010	MAS	%moisture	

Surrogate Data

Sample Number	Surrogate Standard	Method	Percent Recovery	Control Limits
101025027-002	2,4,6-Tribromophenol	EPA 8270C	67.2	19-122
	2-Fluorobiphenyl	EPA 8270C	103.2	30-115
	2-Fluorophenol	EPA 8270C	72.9	25-121
	Nitrobenzene-d5	EPA 8270C	90.6	17-112
	Phenol-d5	EPA 8270C	76.6	24-113
	Terphenyl-d14	EPA 8270C	103.8	18-137

Authorized Signature


John Coddington, Lab Manager

MCL EPA's Maximum Contaminant Level
ND Not Detected
PQL Practical Quantitation Limit

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The results reported relate only to the samples indicated.
Soil/solid results are reported on a dry-weight basis unless otherwise noted.

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Address: PO BOX 1746
 LAS VEGAS, NM 87701
Attn: MATTHEW LANE

Batch #: 101025027
Project Name: SVL #W0J0455

Analytical Results Report Quality Control Data

Lab Control Sample

Parameter	LCS Result	Units	LCS Spike	%Rec	AR %Rec	Prep Date	Analysis Date
Pyrene	1.01	mg/kg	1	101.0	47-142	10/27/2010	11/3/2010
Phenol	1.05	mg/kg	1	105.0	64-131	10/27/2010	11/3/2010
Pentachlorophenol	0.465	mg/kg	1	46.5	21-134	10/27/2010	11/3/2010
n-Nitroso-di-n-propylamine	1.10	mg/kg	1	110.0	68-128	10/27/2010	11/3/2010
bis(2-Ethylhexyl)phthalate	1.09	mg/kg	1	109.0	73-178	10/27/2010	11/3/2010
Acenaphthene	1.01	mg/kg	1	101.0	52-143	10/27/2010	11/3/2010
4-Nitrophenol	0.557	mg/kg	1	55.7	34-122	10/27/2010	11/3/2010
4-Chloro-3-methylphenol	0.965	mg/kg	1	96.5	64-134	10/27/2010	11/3/2010
2-Chlorophenol	0.997	mg/kg	1	99.7	70-116	10/27/2010	11/3/2010
2,4-Dinitrotoluene	0.974	mg/kg	1	97.4	63-125	10/27/2010	11/3/2010
1,4-Dichlorobenzene	0.916	mg/kg	1	91.6	13-140	10/27/2010	11/3/2010
1,2,4-Trichlorobenzene	0.918	mg/kg	1	91.8	41-136	10/27/2010	11/3/2010

Matrix Spike

Sample Number	Parameter	Sample Result	MS Result	Units	MS Spike	%Rec	AR %Rec	Prep Date	Analysis Date
101025027-001	2,4-Dinitrotoluene	ND	1.01	mg/kg	1	101.0	63-125	10/27/2010	11/3/2010
101025027-001	1,4-Dichlorobenzene	ND	0.899	mg/kg	1	89.9	13-140	10/27/2010	11/3/2010
101025027-001	1,2,4-Trichlorobenzene	ND	0.886	mg/kg	1	88.6	41-136	10/27/2010	11/3/2010
101025027-001	4-Nitrophenol	ND	0.487	mg/kg	1	48.7	34-122	10/27/2010	11/3/2010
101025027-001	4-Chloro-3-methylphenol	ND	0.977	mg/kg	1	97.7	64-134	10/27/2010	11/3/2010
101025027-001	2-Chlorophenol	ND	1.06	mg/kg	1	106.0	70-116	10/27/2010	11/3/2010
101025027-001	n-Nitroso-di-n-propylamine	ND	1.15	mg/kg	1	115.0	68-128	10/27/2010	11/3/2010
101025027-001	bis(2-Ethylhexyl)phthalate	ND	1.09	mg/kg	1	109.0	73-178	10/27/2010	11/3/2010
101025027-001	Acenaphthene	ND	1.01	mg/kg	1	101.0	52-143	10/27/2010	11/3/2010
101025027-001	Pyrene	ND	0.999	mg/kg	1	99.9	47-142	10/27/2010	11/3/2010
101025027-001	Phenol	ND	1.09	mg/kg	1	109.0	64-131	10/27/2010	11/3/2010
101025027-001	Pentachlorophenol	ND	0.592	mg/kg	1	59.2	21-134	10/27/2010	11/3/2010

Matrix Spike Duplicate

Parameter	MSD Result	Units	MSD Spike	%Rec	%RPD	AR %RPD	Prep Date	Analysis Date
2,4-Dinitrotoluene	1.01	mg/kg	1	101.0	0.0	0-47	10/27/2010	11/3/2010
1,4-Dichlorobenzene	0.952	mg/kg	1	95.2	5.7	0-27	10/27/2010	11/3/2010

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
 Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C585; MT:Cert0095

Anatek Labs, Inc.

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Client: GL ENVIRONMENTAL, INC.
Address: PO BOX 1746
LAS VEGAS, NM 87701
Attn: MATTHEW LANE

Batch #: 101025027
Project Name: SVL #W0J0455

Analytical Results Report Quality Control Data

Matrix Spike Duplicate

Parameter	MSD		MSD Spike	%Rec	%RPD	AR %RPD	Prep Date	Analysis Date
	Result	Units						
1,2,4-Trichlorobenzene	0.903	mg/kg	1	90.3	1.9	0-24	10/27/2010	11/3/2010
4-Nitrophenol	0.557	mg/kg	1	55.7	13.4	0-50	10/27/2010	11/3/2010
4-Chloro-3-methylphenol	0.969	mg/kg	1	96.9	0.8	0-33	10/27/2010	11/3/2010
2-Chlorophenol	1.03	mg/kg	1	103.0	2.9	0-50	10/27/2010	11/3/2010
n-Nitroso-di-n-propylamine	1.12	mg/kg	1	112.0	2.6	0-38	10/27/2010	11/3/2010
bis(2-Ethylhexyl)phthalate	1.07	mg/kg	1	107.0	1.9	0-50	10/27/2010	11/3/2010
Acenaphthene	1.01	mg/kg	1	101.0	0.0	0-19	10/27/2010	11/3/2010
Pyrene	0.994	mg/kg	1	99.4	0.5	0-36	10/27/2010	11/3/2010
Phenol	1.06	mg/kg	1	106.0	2.8	0-35	10/27/2010	11/3/2010
Pentachlorophenol	0.571	mg/kg	1	57.1	3.6	0-47	10/27/2010	11/3/2010

Method Blank

Parameter	Result	Units	PQL	Prep Date	Analysis Date
1,2,4-Trichlorobenzene	ND	mg/Kg	0.05	10/27/2010	11/3/2010
1,2-Dichlorobenzene	ND	mg/Kg	0.05	10/27/2010	11/3/2010
1,2-Diphenyl hydrazine	ND	mg/Kg	0.05	10/27/2010	11/3/2010
1,3-Dichlorobenzene	ND	mg/Kg	0.05	10/27/2010	11/3/2010
1,4-Dichlorobenzene	ND	mg/Kg	0.05	10/27/2010	11/3/2010
1-Methylnaphthalene	ND	mg/Kg	0.05	10/27/2010	11/3/2010
2,3,4,6-Tetrachlorophenol	ND	mg/Kg	0.05	10/27/2010	11/3/2010
2,3,5,6-Tetrachlorophenol	ND	mg/Kg	0.05	10/27/2010	11/3/2010
2,4,5-Trichlorophenol	ND	mg/Kg	0.05	10/27/2010	11/3/2010
2,4,6-Trichlorophenol	ND	mg/Kg	0.05	10/27/2010	11/3/2010
2,4-Dichlorophenol	ND	mg/Kg	0.05	10/27/2010	11/3/2010
2,4-Dimethylphenol	ND	mg/Kg	0.05	10/27/2010	11/3/2010
2,4-Dinitrophenol	ND	mg/Kg	0.05	10/27/2010	11/3/2010
2,4-Dinitrotoluene	ND	mg/Kg	0.05	10/27/2010	11/3/2010
2,6-Dinitrotoluene	ND	mg/Kg	0.05	10/27/2010	11/3/2010
2-Chloronaphthalene	ND	mg/Kg	0.05	10/27/2010	11/3/2010
2-Chlorophenol	ND	mg/Kg	0.05	10/27/2010	11/3/2010
2-Methylnaphthalene	ND	mg/Kg	0.05	10/27/2010	11/3/2010
2-Methylphenol	ND	mg/Kg	0.05	10/27/2010	11/3/2010
2-Nitroaniline	ND	mg/Kg	0.05	10/27/2010	11/3/2010
2-Nitrophenol	ND	mg/Kg	0.05	10/27/2010	11/3/2010
3,3'-Dichlorobenzidine	ND	mg/Kg	0.05	10/27/2010	11/3/2010
3+4-Methylphenol	ND	mg/Kg	0.05	10/27/2010	11/3/2010

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C585; MT:Cert0095

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Client: GL ENVIRONMENTAL, INC.
Address: PO BOX 1746
LAS VEGAS, NM 87701
Attn: MATTHEW LANE

Batch #: 101025027
Project Name: SVL #W0J0455

Analytical Results Report Quality Control Data

Method Blank

Parameter	Result	Units	PQL	Prep Date	Analysis Date
3-Nitroaniline	ND	mg/Kg	0.05	10/27/2010	11/3/2010
4,6-Dinitro-2-methylphenol	ND	mg/Kg	0.05	10/27/2010	11/3/2010
4-Bromophenyl-phenylether	ND	mg/Kg	0.05	10/27/2010	11/3/2010
4-Chloro-3-methylphenol	ND	mg/Kg	0.05	10/27/2010	11/3/2010
4-Chloroaniline	ND	mg/Kg	0.05	10/27/2010	11/3/2010
4-Chlorophenyl-phenylether	ND	mg/Kg	0.05	10/27/2010	11/3/2010
4-Nitroaniline	ND	mg/Kg	0.05	10/27/2010	11/3/2010
4-Nitrophenol	ND	mg/Kg	0.05	10/27/2010	11/3/2010
Acenaphthene	ND	mg/Kg	0.05	10/27/2010	11/3/2010
Acenaphthylene	ND	mg/Kg	0.05	10/27/2010	11/3/2010
Aniline	ND	mg/Kg	0.05	10/27/2010	11/3/2010
Anthracene	ND	mg/Kg	0.05	10/27/2010	11/3/2010
Benzidine	ND	mg/Kg	0.05	10/27/2010	11/3/2010
Benzo(ghi)perylene	ND	mg/Kg	0.05	10/27/2010	11/3/2010
Benzo[a]anthracene	ND	mg/Kg	0.05	10/27/2010	11/3/2010
Benzo[a]pyrene	ND	mg/Kg	0.05	10/27/2010	11/3/2010
Benzo[b]fluoranthene	ND	mg/Kg	0.05	10/27/2010	11/3/2010
Benzo[k]fluoranthene	ND	mg/Kg	0.05	10/27/2010	11/3/2010
Benzyl alcohol	ND	mg/Kg	0.05	10/27/2010	11/3/2010
bis(2-Chloroethoxy)methane	ND	mg/Kg	0.05	10/27/2010	11/3/2010
bis(2-Chloroethyl)ether	ND	mg/Kg	0.05	10/27/2010	11/3/2010
bis(2-chloroisopropyl)ether	ND	mg/Kg	0.05	10/27/2010	11/3/2010
bis(2-Ethylhexyl)phthalate	ND	mg/Kg	0.05	10/27/2010	11/3/2010
Butylbenzylphthalate	ND	mg/Kg	0.05	10/27/2010	11/3/2010
Carbazole	ND	mg/Kg	0.05	10/27/2010	11/3/2010
Chrysene	ND	mg/Kg	0.05	10/27/2010	11/3/2010
Dibenz[a,h]anthracene	ND	mg/Kg	0.05	10/27/2010	11/3/2010
Dibenzofuran	ND	mg/Kg	0.05	10/27/2010	11/3/2010
Diethylphthalate	ND	mg/Kg	0.05	10/27/2010	11/3/2010
Dimethylphthalate	ND	mg/Kg	0.05	10/27/2010	11/3/2010
Di-n-butylphthalate	ND	mg/Kg	0.05	10/27/2010	11/3/2010
Di-n-octylphthalate	ND	mg/Kg	0.05	10/27/2010	11/3/2010
Fluoranthene	ND	mg/Kg	0.05	10/27/2010	11/3/2010
Fluorene	ND	mg/Kg	0.05	10/27/2010	11/3/2010
Hexachlorobenzene	ND	mg/Kg	0.05	10/27/2010	11/3/2010
Hexachlorobutadiene	ND	mg/Kg	0.05	10/27/2010	11/3/2010
Hexachlorocyclopentadiene	ND	mg/Kg	0.05	10/27/2010	11/3/2010

Comments:

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Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C585; MT:Cert0095

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Client: GL ENVIRONMENTAL, INC.
Address: PO BOX 1746
LAS VEGAS, NM 87701
Attn: MATTHEW LANE

Batch #: 101025027
Project Name: SVL #W0J0455

Analytical Results Report Quality Control Data

Method Blank

Parameter	Result	Units	PQL	Prep Date	Analysis Date
Hexachloroethane	ND	mg/Kg	0.05	10/27/2010	11/3/2010
Indeno[1,2,3-cd]pyrene	ND	mg/Kg	0.05	10/27/2010	11/3/2010
Isophorone	ND	mg/Kg	0.05	10/27/2010	11/3/2010
Naphthalene	ND	mg/Kg	0.05	10/27/2010	11/3/2010
Nitrobenzene	ND	mg/Kg	0.05	10/27/2010	11/3/2010
Nitrosodimethylamine	ND	mg/Kg	0.05	10/27/2010	11/3/2010
n-Nitroso-di-n-propylamine	ND	mg/Kg	0.05	10/27/2010	11/3/2010
n-Nitrosodiphenylamine	ND	mg/Kg	0.05	10/27/2010	11/3/2010
Pentachlorophenol	ND	mg/Kg	0.05	10/27/2010	11/3/2010
Phenanthrene	ND	mg/Kg	0.05	10/27/2010	11/3/2010
Phenol	ND	mg/Kg	0.05	10/27/2010	11/3/2010
Pyrene	ND	mg/Kg	0.05	10/27/2010	11/3/2010
Pyridine	ND	mg/Kg	0.05	10/27/2010	11/3/2010

AR Acceptable Range
ND Not Detected
PQL Practical Quantitation Limit
RPD Relative Percentage Difference

Comments:

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Attn: MATTHEW LANE

Batch #: 101025027
Project Name: SVL #W0J0455

Analytical Results Report

Sample Number	101025027-001	Sampling Date	10/14/2010	Date/Time Received	10/19/2010 11:40 AM
Client Sample ID	SITE #1 SOIL	Sampling Time	11:30 AM	Extraction Date	10/27/2010
Matrix	Soil	Sample Location	W0J0455-01		
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
4,4-DDD	ND	mg/Kg	0.01	10/29/2010	SAT	EPA 8081A	
4,4-DDE	ND	mg/Kg	0.01	10/29/2010	SAT	EPA 8081A	
4,4-DDT	ND	mg/Kg	0.01	10/29/2010	SAT	EPA 8081A	
Aldrin	ND	mg/Kg	0.01	10/29/2010	SAT	EPA 8081A	
alpha-BHC	ND	mg/Kg	0.01	10/29/2010	SAT	EPA 8081A	
beta-BHC	ND	mg/Kg	0.01	10/29/2010	SAT	EPA 8081A	
Chlordane	ND	mg/Kg	0.05	10/29/2010	SAT	EPA 8081A	
delta-BHC	ND	mg/Kg	0.01	10/29/2010	SAT	EPA 8081A	
Dieldrin	ND	mg/Kg	0.01	10/29/2010	SAT	EPA 8081A	
Endosulfan I	ND	mg/Kg	0.01	10/29/2010	SAT	EPA 8081A	
Endosulfan II	ND	mg/Kg	0.01	10/29/2010	SAT	EPA 8081A	
Endosulfan sulfate	ND	mg/Kg	0.01	10/29/2010	SAT	EPA 8081A	
Endrin	ND	mg/Kg	0.01	10/29/2010	SAT	EPA 8081A	
Endrin aldehyde	ND	mg/Kg	0.01	10/29/2010	SAT	EPA 8081A	
Endrin ketone	ND	mg/Kg	0.01	10/29/2010	SAT	EPA 8081A	

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Batch #: 101025027
Project Name: SVL #W0J0455

Analytical Results Report

Sample Number	101025027-001	Sampling Date	10/14/2010	Date/Time Received	10/19/2010 11:40 AM
Client Sample ID	SITE #1 SOIL	Sampling Time	11:30 AM	Extraction Date	10/27/2010
Matrix	Soil	Sample Location	W0J0455-01		
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
gamma-BHC (Lindane)	ND	mg/Kg	0.01	10/29/2010	SAT	EPA 8081A	
Heptachlor	ND	mg/Kg	0.01	10/29/2010	SAT	EPA 8081A	
Heptachlor epoxide	ND	mg/Kg	0.01	10/29/2010	SAT	EPA 8081A	
Methoxychlor	ND	mg/Kg	0.05	10/29/2010	SAT	EPA 8081A	
Toxaphene	ND	mg/Kg	0.05	10/29/2010	SAT	EPA 8081A	
%moisture	3.1	Percent		11/3/2010	MAS	%moisture	

Surrogate Data

Sample Number	101025027-001			
Surrogate Standard		Method	Percent Recovery	Control Limits
DCB		EPA 8081A	95.4	30-130

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Batch #: 101025027
Project Name: SVL #W0J0455

Analytical Results Report

Sample Number 101025027-002 **Sampling Date** 10/14/2010 **Date/Time Received** 10/19/2010 11:40 AM
Client Sample ID SITE #2 SOIL **Sampling Time** 12:20 PM **Extraction Date** 10/27/2010
Matrix Soil **Sample Location** W0J0455-02
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
4,4-DDD	ND	mg/Kg	0.01	10/29/2010	SAT	EPA 8081A	
4,4-DDE	ND	mg/Kg	0.01	10/29/2010	SAT	EPA 8081A	
4,4-DDT	ND	mg/Kg	0.01	10/29/2010	SAT	EPA 8081A	
Aldrin	ND	mg/Kg	0.01	10/29/2010	SAT	EPA 8081A	
alpha-BHC	ND	mg/Kg	0.01	10/29/2010	SAT	EPA 8081A	
beta-BHC	ND	mg/Kg	0.01	10/29/2010	SAT	EPA 8081A	
Chlordane	ND	mg/Kg	0.05	10/29/2010	SAT	EPA 8081A	
delta-BHC	ND	mg/Kg	0.01	10/29/2010	SAT	EPA 8081A	
Dieldrin	ND	mg/Kg	0.01	10/29/2010	SAT	EPA 8081A	
Endosulfan I	ND	mg/Kg	0.01	10/29/2010	SAT	EPA 8081A	
Endosulfan II	ND	mg/Kg	0.01	10/29/2010	SAT	EPA 8081A	
Endosulfan sulfate	ND	mg/Kg	0.01	10/29/2010	SAT	EPA 8081A	
Endrin	ND	mg/Kg	0.01	10/29/2010	SAT	EPA 8081A	
Endrin aldehyde	ND	mg/Kg	0.01	10/29/2010	SAT	EPA 8081A	
Endrin ketone	ND	mg/Kg	0.01	10/29/2010	SAT	EPA 8081A	
gamma-BHC (Lindane)	ND	mg/Kg	0.01	10/29/2010	SAT	EPA 8081A	

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Attn: MATTHEW LANE

Batch #: 101025027
Project Name: SVL #W0J0455

Analytical Results Report

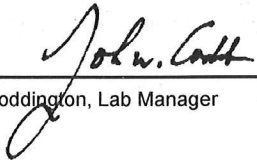
Sample Number	101025027-002	Sampling Date	10/14/2010	Date/Time Received	10/19/2010 11:40 AM
Client Sample ID	SITE #2 SOIL	Sampling Time	12:20 PM	Extraction Date	10/27/2010
Matrix	Soil	Sample Location	W0J0455-02		
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Heptachlor	ND	mg/Kg	0.01	10/29/2010	SAT	EPA 8081A	
Heptachlor epoxide	ND	mg/Kg	0.01	10/29/2010	SAT	EPA 8081A	
Methoxychlor	ND	mg/Kg	0.05	10/29/2010	SAT	EPA 8081A	
Toxaphene	ND	mg/Kg	0.05	10/29/2010	SAT	EPA 8081A	
%moisture	2.4	Percent		11/3/2010	MAS	%moisture	

Surrogate Data

Sample Number	101025027-002	Method	Percent Recovery	Control Limits
Surrogate Standard		EPA 8081A	80.6	30-130
DCB				

Authorized Signature


John Coddington, Lab Manager

MCL EPA's Maximum Contaminant Level
ND Not Detected
PQL Practical Quantitation Limit

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The results reported relate only to the samples indicated.
Soil/solid results are reported on a dry-weight basis unless otherwise noted.

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Batch #: 101025027
Project Name: SVL #W0J0455

Analytical Results Report Quality Control Data

Lab Control Sample

Parameter	LCS Result	Units	LCS Spike	%Rec	AR %Rec	Prep Date	Analysis Date
Endosulfan II	0.0894	mg/Kg	0.1	89.4	10-181	10/27/2010	10/29/2010
4,4-DDE	0.100	mg/Kg	0.1	100.0	58-134	10/27/2010	10/29/2010
4,4-DDT	0.0962	mg/Kg	0.1	96.2	49-136	10/27/2010	10/29/2010
Aldrin	0.0897	mg/Kg	0.1	74.9	58-128	10/27/2010	10/29/2010
alpha-BHC	0.0842	mg/Kg	0.1	84.2	59-136	10/27/2010	10/29/2010
beta-BHC	0.0846	mg/Kg	0.1	84.6	55-135	10/27/2010	10/29/2010
delta-BHC	0.0927	mg/Kg	0.1	92.7	54-149	10/27/2010	10/29/2010
4,4-DDD	0.0970	mg/Kg	0.1	97.0	59-145	10/27/2010	10/29/2010
Endosulfan I	0.0871	mg/Kg	0.1	87.1	10-180	10/27/2010	10/29/2010
Methoxychlor	0.0957	mg/Kg	0.1	95.7	56-131	10/27/2010	10/29/2010
Endosulfan sulfate	0.0930	mg/Kg	0.1	93.0	45-160	10/27/2010	10/29/2010
Endrin	0.0938	mg/Kg	0.1	93.8	56-132	10/27/2010	10/29/2010
Endrin aldehyde	0.0744	mg/Kg	0.1	74.4	42-135	10/27/2010	10/29/2010
Endrin ketone	0.0969	mg/Kg	0.1	96.9	51-138	10/27/2010	10/29/2010
gamma-BHC (Lindane)	0.0823	mg/Kg	0.1	82.3	55-135	10/27/2010	10/29/2010
Heptachlor	0.0899	mg/Kg	0.1	89.9	60-124	10/27/2010	10/29/2010
Heptachlor epoxide	0.101	mg/Kg	0.1	101.0	57-128	10/27/2010	10/29/2010
Dieldrin	0.0918	mg/Kg	0.1	91.8	56-135	10/27/2010	10/29/2010

Matrix Spike

Sample Number	Parameter	Sample Result	MS Result	Units	MS Spike	%Rec	AR %Rec	Prep Date	Analysis Date
101025027-001	delta-BHC	ND	0.0715	mg/Kg	0.1	71.5	52-135	10/27/2010	10/29/2010
101025027-001	Heptachlor epoxide	ND	0.0790	mg/Kg	0.1	79.0	42-134	10/27/2010	10/29/2010
101025027-001	Methoxychlor	ND	0.0716	mg/Kg	0.1	71.6	41-143	10/27/2010	10/29/2010
101025027-001	Endrin aldehyde	ND	0.0527	mg/Kg	0.1	52.7	23-133	10/27/2010	10/29/2010
101025027-001	Endrin ketone	ND	0.0782	mg/Kg	0.1	78.2	39-140	10/27/2010	10/29/2010
101025027-001	gamma-BHC (Lindane)	ND	0.0683	mg/Kg	0.1	68.3	43-136	10/27/2010	10/29/2010
101025027-001	Endosulfan II	ND	0.0431	mg/Kg	0.1	43.1	10-143	10/27/2010	10/29/2010
101025027-001	Heptachlor	ND	0.0731	mg/Kg	0.1	73.1	42-133	10/27/2010	10/29/2010
101025027-001	Endrin	ND	0.0705	mg/Kg	0.1	70.5	44-140	10/27/2010	10/29/2010
101025027-001	4,4-DDT	ND	0.0724	mg/Kg	0.1	72.4	41-140	10/27/2010	10/29/2010
101025027-001	Dieldrin	ND	0.0670	mg/Kg	0.1	67.0	37-142	10/27/2010	10/29/2010
101025027-001	Endosulfan I	ND	0.0453	mg/Kg	0.1	45.3	10-180	10/27/2010	10/29/2010
101025027-001	Aldrin	ND	0.0719	mg/Kg	0.1	71.9	43-124	10/27/2010	10/29/2010

Comments:

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Attn: MATTHEW LANE

Batch #: 101025027
Project Name: SVL #W0J0455

Analytical Results Report Quality Control Data

Matrix Spike

Sample Number	Parameter	Sample Result	MS Result	Units	MS Spike	%Rec	AR %Rec	Prep Date	Analysis Date
101025027-001	alpha-BHC	ND	0.0684	mg/Kg	0.1	68.4	41-140	10/27/2010	10/29/2010
101025027-001	beta-BHC	ND	0.0681	mg/Kg	0.1	68.1	51-134	10/27/2010	10/29/2010
101025027-001	4,4-DDD	ND	0.0729	mg/Kg	0.1	72.9	35-150	10/27/2010	10/29/2010
101025027-001	4,4-DDE	ND	0.0773	mg/Kg	0.1	77.3	43-144	10/27/2010	10/29/2010
101025027-001	Endosulfan sulfate	ND	0.0709	mg/Kg	0.1	70.9	16-176	10/27/2010	10/29/2010

Matrix Spike Duplicate

Parameter	MSD Result	Units	MSD Spike	%Rec	%RPD	AR %RPD	Prep Date	Analysis Date
delta-BHC	0.0774	mg/Kg	0.1	77.4	7.9	0-50	10/27/2010	10/29/2010
Heptachlor epoxide	0.0852	mg/Kg	0.1	85.2	7.6	0-50	10/27/2010	10/29/2010
Methoxychlor	0.0738	mg/Kg	0.1	73.8	3.0	0-50	10/27/2010	10/29/2010
Endrin aldehyde	0.0555	mg/Kg	0.1	55.5	5.2	0-50	10/27/2010	10/29/2010
Endrin ketone	0.0781	mg/Kg	0.1	78.1	0.1	0-50	10/27/2010	10/29/2010
gamma-BHC (Lindane)	0.0746	mg/Kg	0.1	74.6	8.8	0-50	10/27/2010	10/29/2010
Endosulfan II	0.0309	mg/Kg	0.1	30.9	33.0	0-50	10/27/2010	10/29/2010
Heptachlor	0.0792	mg/Kg	0.1	79.2	8.0	0-50	10/27/2010	10/29/2010
Endrin	0.0786	mg/Kg	0.1	78.6	10.9	0-50	10/27/2010	10/29/2010
4,4-DDT	0.0765	mg/Kg	0.1	76.5	5.5	0-50	10/27/2010	10/29/2010
Dieldrin	0.0716	mg/Kg	0.1	71.6	6.6	0-50	10/27/2010	10/29/2010
Endosulfan I	0.0352	mg/Kg	0.1	35.2	25.1	0-50	10/27/2010	10/29/2010
Aldrin	0.0777	mg/Kg	0.1	77.7	7.8	0-50	10/27/2010	10/29/2010
alpha-BHC	0.0750	mg/Kg	0.1	75.0	9.2	0-50	10/27/2010	10/29/2010
beta-BHC	0.0748	mg/Kg	0.1	74.8	9.4	0-50	10/27/2010	10/29/2010
4,4-DDD	0.0755	mg/Kg	0.1	75.5	3.5	0-50	10/27/2010	10/29/2010
4,4-DDE	0.0820	mg/Kg	0.1	82.0	5.9	0-50	10/27/2010	10/29/2010
Endosulfan sulfate	0.0753	mg/Kg	0.1	75.3	6.0	0-50	10/27/2010	10/29/2010

Method Blank

Parameter	Result	Units	PQL	Prep Date	Analysis Date
4,4-DDD	ND	mg/Kg	0.01	10/27/2010	10/29/2010
4,4-DDE	ND	mg/Kg	0.01	10/27/2010	10/29/2010
4,4-DDT	ND	mg/Kg	0.01	10/27/2010	10/29/2010
Aldrin	ND	mg/Kg	0.01	10/27/2010	10/29/2010
alpha-BHC	ND	mg/Kg	0.01	10/27/2010	10/29/2010
beta-BHC	ND	mg/Kg	0.01	10/27/2010	10/29/2010

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL:(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM:ID00013; OR:ID200001-002; WA:C595
 Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C585; MT:Cert0095

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Client: GL ENVIRONMENTAL, INC.
Address: PO BOX 1746
LAS VEGAS, NM 87701
Attn: MATTHEW LANE

Batch #: 101025027
Project Name: SVL #W0J0455

Analytical Results Report Quality Control Data

Method Blank

Parameter	Result	Units	PQL	Prep Date	Analysis Date
Chlordane	ND	mg/Kg	0.05	10/27/2010	10/29/2010
delta-BHC	ND	mg/Kg	0.01	10/27/2010	10/29/2010
Dieldrin	ND	mg/Kg	0.01	10/27/2010	10/29/2010
Endosulfan I	ND	mg/Kg	0.01	10/27/2010	10/29/2010
Endosulfan II	ND	mg/Kg	0.01	10/27/2010	10/29/2010
Endosulfan sulfate	ND	mg/Kg	0.01	10/27/2010	10/29/2010
Endrin	ND	mg/Kg	0.01	10/27/2010	10/29/2010
Endrin aldehyde	ND	mg/Kg	0.01	10/27/2010	10/29/2010
Endrin ketone	ND	mg/Kg	0.01	10/27/2010	10/29/2010
gamma-BHC (Lindane)	ND	mg/Kg	0.01	10/27/2010	10/29/2010
Heptachlor	ND	mg/Kg	0.01	10/27/2010	10/29/2010
Heptachlor epoxide	ND	mg/Kg	0.01	10/27/2010	10/29/2010
Methoxychlor	ND	mg/Kg	0.05	10/27/2010	10/29/2010
Toxaphene	ND	mg/Kg	0.05	10/27/2010	10/29/2010

AR Acceptable Range
ND Not Detected
PQL Practical Quantitation Limit
RPD Relative Percentage Difference

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
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LAS VEGAS, NM 87701
Attn: MATTHEW LANE

Batch #: 101025027
Project Name: SVL #W0J0455

Analytical Results Report

Sample Number	101025027-001	Sampling Date	10/14/2010	Date/Time Received	10/19/2010 11:40 AM
Client Sample ID	SITE #1 SOIL	Sampling Time	11:30 AM	Extraction Date	10/27/2010
Matrix	Soil	Sample Location	W0J0455-01		
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Aroclor 1016 (PCB-1016)	ND	mg/Kg	0.1	10/29/2010	SAT	EPA 8082	
Aroclor 1221 (PCB-1221)	ND	mg/Kg	0.1	10/29/2010	SAT	EPA 8082	
Aroclor 1232 (PCB-1232)	ND	mg/Kg	0.1	10/29/2010	SAT	EPA 8082	
Aroclor 1242 (PCB-1242)	ND	mg/Kg	0.1	10/29/2010	SAT	EPA 8082	
Aroclor 1248 (PCB-1248)	ND	mg/Kg	0.1	10/29/2010	SAT	EPA 8082	
Aroclor 1254 (PCB-1254)	ND	mg/Kg	0.1	10/29/2010	SAT	EPA 8082	
Aroclor 1260 (PCB-1260)	ND	mg/Kg	0.1	10/29/2010	SAT	EPA 8082	
PCB 8082 (total)	ND	mg/kg	0.1	10/29/2010	SAT	EPA 8082	
%moisture	3.1	Percent		11/3/2010	MAS	%moisture	

Surrogate Data

Sample Number	101025027-001			
Surrogate Standard		Method	Percent Recovery	Control Limits
DCB		EPA 8082	88.3	30-130

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LAS VEGAS, NM 87701
Attn: MATTHEW LANE

Batch #: 101025027
Project Name: SVL #W0J0455

Analytical Results Report

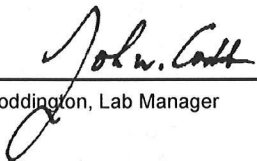
Sample Number	101025027-002	Sampling Date	10/14/2010	Date/Time Received	10/19/2010 11:40 AM
Client Sample ID	SITE #2 SOIL	Sampling Time	12:20 PM	Extraction Date	10/27/2010
Matrix	Soil	Sample Location	W0J0455-02		
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Aroclor 1016 (PCB-1016)	ND	mg/Kg	0.1	10/29/2010	SAT	EPA 8082	
Aroclor 1221 (PCB-1221)	ND	mg/Kg	0.1	10/29/2010	SAT	EPA 8082	
Aroclor 1232 (PCB-1232)	ND	mg/Kg	0.1	10/29/2010	SAT	EPA 8082	
Aroclor 1242 (PCB-1242)	ND	mg/Kg	0.1	10/29/2010	SAT	EPA 8082	
Aroclor 1248 (PCB-1248)	ND	mg/Kg	0.1	10/29/2010	SAT	EPA 8082	
Aroclor 1254 (PCB-1254)	ND	mg/Kg	0.1	10/29/2010	SAT	EPA 8082	
Aroclor 1260 (PCB-1260)	ND	mg/Kg	0.1	10/29/2010	SAT	EPA 8082	
PCB 8082 (total)	ND	mg/kg	0.1	10/29/2010	SAT	EPA 8082	
%moisture	2.4	Percent		11/3/2010	MAS	%moisture	

Surrogate Data

Sample Number	101025027-002	Method	Percent Recovery	Control Limits
Surrogate Standard		EPA 8082	94.6	30-130
DCB				

Authorized Signature


John Coddington, Lab Manager

MCL EPA's Maximum Contaminant Level
ND Not Detected
PQL Practical Quantitation Limit

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LAS VEGAS, NM 87701
Attn: MATTHEW LANE

Batch #: 101025027
Project Name: SVL #W0J0455

Analytical Results Report Quality Control Data

Lab Control Sample

Parameter	LCS Result	Units	LCS Spike	%Rec	AR %Rec	Prep Date	Analysis Date
PCB 8082 (total)	0.407	mg/kg	0.4	101.8	30-150	10/27/2010	10/29/2010

Matrix Spike

Sample Number	Parameter	Sample Result	MS Result	Units	MS Spike	%Rec	AR %Rec	Prep Date	Analysis Date
101025027-002	PCB 8082 (total)	ND	0.430	mg/kg	0.4	107.5	30-150	10/27/2010	10/29/2010

Matrix Spike Duplicate

Parameter	MSD Result	Units	MSD Spike	%Rec	%RPD	AR %RPD	Prep Date	Analysis Date
PCB 8082 (total)	0.384	mg/kg	0.4	96.0	11.3	0-50	10/27/2010	10/29/2010

Method Blank

Parameter	Result	Units	PQL	Prep Date	Analysis Date
Aroclor 1016 (PCB-1016)	ND	mg/Kg	0.1	10/27/2010	10/29/2010
Aroclor 1221 (PCB-1221)	ND	mg/Kg	0.1	10/27/2010	10/29/2010
Aroclor 1232 (PCB-1232)	ND	mg/Kg	0.1	10/27/2010	10/29/2010
Aroclor 1242 (PCB-1242)	ND	mg/Kg	0.1	10/27/2010	10/29/2010
Aroclor 1248 (PCB-1248)	ND	mg/Kg	0.1	10/27/2010	10/29/2010
Aroclor 1254 (PCB-1254)	ND	mg/Kg	0.1	10/27/2010	10/29/2010
Aroclor 1260 (PCB-1260)	ND	mg/Kg	0.1	10/27/2010	10/29/2010
PCB 8082 (total)	ND	mg/kg	0.1	10/27/2010	10/29/2010

AR Acceptable Range
ND Not Detected
PQL Practical Quantitation Limit
RPD Relative Percentage Difference

Comments:

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Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C585; MT:Cert0095

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Address: PO BOX 1746
LAS VEGAS, NM 87701
Attn: MATTHEW LANE

Batch #: 101025027
Project Name: SVL #W0J0455

Analytical Results Report

Sample Number	101025027-001	Sampling Date	10/14/2010	Date/Time Received	10/19/2010 11:40 AM
Client Sample ID	SITE #1 SOIL	Sampling Time	11:30 AM	Extraction Date	10/26/2010
Matrix	Soil	Sample Location	W0J0455-01		
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
4-Nitroanisole	ND	mg/kg	0.01	11/5/2010	EMP	EPA 8151A	
Acifluorfen	ND	mg/kg	0.01	11/5/2010	EMP	EPA 8151A	
Bentazon	ND	mg/kg	0.01	11/5/2010	EMP	EPA 8151A	
Chloramben	ND	mg/kg	0.01	11/5/2010	EMP	EPA 8151A	
MCPP	ND	mg/kg	0.01	11/5/2010	EMP	EPA 8151A	
Methyl-3,5-dichlorobenzoate	ND	mg/kg	0.01	11/5/2010	EMP	EPA 8151A	
Pentachloroanisole	ND	mg/kg	0.01	11/5/2010	EMP	EPA 8151A	
2,4,5-T	ND	mg/Kg	0.01	11/5/2010	EMP	EPA 8151A	
2,4,5-TP (Silvex)	ND	mg/Kg	0.01	11/5/2010	EMP	EPA 8151A	
2,4-D	ND	mg/Kg	0.01	11/5/2010	EMP	EPA 8151A	
2,4-DB	ND	mg/Kg	0.01	11/5/2010	EMP	EPA 8151A	
Dacthal	ND	mg/Kg	0.01	11/5/2010	EMP	EPA 8151A	
Dalapon	ND	mg/Kg	0.01	11/5/2010	EMP	EPA 8151A	
Dicamba	ND	mg/Kg	0.01	11/5/2010	EMP	EPA 8151A	
Dichloroprop	ND	mg/Kg	0.01	11/5/2010	EMP	EPA 8151A	

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Client: GL ENVIRONMENTAL, INC.
Address: PO BOX 1746
LAS VEGAS, NM 87701
Attn: MATTHEW LANE

Batch #: 101025027
Project Name: SVL #W0J0455

Analytical Results Report

Sample Number	101025027-001	Sampling Date	10/14/2010	Date/Time Received	10/19/2010 11:40 AM
Client Sample ID	SITE #1 SOIL	Sampling Time	11:30 AM	Extraction Date	10/26/2010
Matrix	Soil	Sample Location	W0J0455-01		
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Dinoseb	ND	mg/Kg	0.01	11/5/2010	EMP	EPA 8151A	
MCPA	ND	mg/Kg	0.01	11/5/2010	EMP	EPA 8151A	
Pentachlorophenol	ND	mg/Kg	0.01	11/5/2010	EMP	EPA 8151A	
Picloram	ND	mg/Kg	0.01	11/5/2010	EMP	EPA 8151A	
%moisture	3.1	Percent		11/3/2010	MAS	%moisture	

Surrogate Data

Sample Number	101025027-001		
Surrogate Standard	3,5-Dichlorobenzoic Acid	Method	Percent Recovery
		EPA 8151A	79.5
			Control Limits
			30-145

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Attn: MATTHEW LANE

Batch #: 101025027
Project Name: SVL #W0J0455

Analytical Results Report

Sample Number	101025027-002	Sampling Date	10/14/2010	Date/Time Received	10/19/2010 11:40 AM
Client Sample ID	SITE #2 SOIL	Sampling Time	12:20 PM	Extraction Date	10/26/2010
Matrix	Soil	Sample Location	W0J0455-02		
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
4-Nitroanisole	ND	mg/kg	0.01	11/5/2010	EMP	EPA 8151A	
Acifluorfen	ND	mg/kg	0.01	11/5/2010	EMP	EPA 8151A	
Bentazon	ND	mg/kg	0.01	11/5/2010	EMP	EPA 8151A	
Chloramben	ND	mg/kg	0.01	11/5/2010	EMP	EPA 8151A	
MCPP	ND	mg/kg	0.01	11/5/2010	EMP	EPA 8151A	
Methyl-3,5-dichlorobenzoate	ND	mg/kg	0.01	11/5/2010	EMP	EPA 8151A	
Pentachloroanisole	ND	mg/kg	0.01	11/5/2010	EMP	EPA 8151A	
2,4,5-T	ND	mg/Kg	0.01	11/5/2010	EMP	EPA 8151A	
2,4,5-TP (Silvex)	ND	mg/Kg	0.01	11/5/2010	EMP	EPA 8151A	
2,4-D	ND	mg/Kg	0.01	11/5/2010	EMP	EPA 8151A	
2,4-DB	ND	mg/Kg	0.01	11/5/2010	EMP	EPA 8151A	
Dacthal	ND	mg/Kg	0.01	11/5/2010	EMP	EPA 8151A	
Dalapon	ND	mg/Kg	0.01	11/5/2010	EMP	EPA 8151A	
Dicamba	ND	mg/Kg	0.01	11/5/2010	EMP	EPA 8151A	
Dichloroprop	ND	mg/Kg	0.01	11/5/2010	EMP	EPA 8151A	
Dinoseb	ND	mg/Kg	0.01	11/5/2010	EMP	EPA 8151A	

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Batch #: 101025027
Project Name: SVL #W0J0455

Analytical Results Report

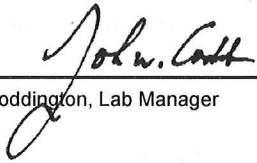
Sample Number	101025027-002	Sampling Date	10/14/2010	Date/Time Received	10/19/2010 11:40 AM
Client Sample ID	SITE #2 SOIL	Sampling Time	12:20 PM	Extraction Date	10/26/2010
Matrix	Soil	Sample Location	W0J0455-02		
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
MCPA	ND	mg/Kg	0.01	11/5/2010	EMP	EPA 8151A	
Pentachlorophenol	ND	mg/Kg	0.01	11/5/2010	EMP	EPA 8151A	
Picloram	ND	mg/Kg	0.01	11/5/2010	EMP	EPA 8151A	
%moisture	2.4	Percent		11/3/2010	MAS	%moisture	

Surrogate Data

Sample Number	101025027-002			
Surrogate Standard		Method	Percent Recovery	Control Limits
3,5-Dichlorobenzoic Acid		EPA 8151A	69.1	30-145

Authorized Signature


John Coddington, Lab Manager

MCL EPA's Maximum Contaminant Level
ND Not Detected
PQL Practical Quantitation Limit

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Attn: MATTHEW LANE

Batch #: 101025027
Project Name: SVL #W0J0455

Analytical Results Report Quality Control Data

Lab Control Sample

Parameter	LCS Result	Units	LCS Spike	%Rec	AR %Rec	Prep Date	Analysis Date
Picloram	0.120	mg/kg	0.1	120.0	62-145	10/26/2010	11/5/2010
Pentachlorophenol	0.058	mg/kg	0.1	58.0	55-135	10/26/2010	11/5/2010
Dinoseb	0.084	mg/kg	0.1	84.0	45-125	10/26/2010	11/5/2010
Dicamba	0.095	mg/kg	0.1	95.0	45-125	10/26/2010	11/5/2010
Dalapon	0.023	mg/kg	0.1	23.0	22-90	10/26/2010	11/5/2010
Dacthal	0.073	mg/kg	0.1	73.0	30-175	10/26/2010	11/5/2010
2,4-D	0.111	mg/kg	0.1	111.0	30-140	10/26/2010	11/5/2010
2,4,5-TP (Silvex)	0.098	mg/kg	0.1	98.0	65-150	10/26/2010	11/5/2010
2,4,5-T	0.080	mg/kg	0.1	80.0	45-136	10/26/2010	11/5/2010

Matrix Spike

Sample Number	Parameter	Sample Result	MS Result	Units	MS Spike	%Rec	AR %Rec	Prep Date	Analysis Date
101025030-001A	2,4-D	ND	0.107	mg/kg	0.1	107.0	30-140	10/26/2010	11/5/2010
101025030-001A	2,4,5-TP (Silvex)	ND	0.087	mg/kg	0.1	87.0	65-150	10/26/2010	11/5/2010
101025030-001A	2,4,5-T	ND	0.068	mg/kg	0.1	68.0	45-125	10/26/2010	11/5/2010
101025030-001A	Dicamba	ND	0.097	mg/kg	0.1	97.0	45-125	10/26/2010	11/5/2010
101025030-001A	Dalapon	ND	0.025	mg/kg	0.1	25.0	10-90	10/26/2010	11/5/2010
101025030-001A	Dacthal	ND	0.061	mg/kg	0.1	61.0	30-120	10/26/2010	11/5/2010
101025030-001A	Picloram	ND	0.075	mg/kg	0.1	75.0	45-145	10/26/2010	11/5/2010
101025030-001A	Pentachlorophenol	ND	0.026	mg/kg	0.1	26.0	55-135	10/26/2010	11/5/2010
101025030-001A	Dinoseb	ND	0.061	mg/kg	0.1	61.0	45-125	10/26/2010	11/5/2010

Matrix Spike Duplicate

Parameter	MSD Result	Units	MSD Spike	%Rec	%RPD	AR %RPD	Prep Date	Analysis Date
2,4-D	0.091	mg/kg	0.1	91.0	16.2	0-50	10/26/2010	11/5/2010
2,4,5-TP (Silvex)	0.070	mg/kg	0.1	70.0	21.7	0-50	10/26/2010	11/5/2010
2,4,5-T	0.051	mg/kg	0.1	51.0	28.6	0-50	10/26/2010	11/5/2010
Dicamba	0.083	mg/kg	0.1	83.0	15.6	0-50	10/26/2010	11/5/2010
Dalapon	0.025	mg/kg	0.1	25.0	0.0	0-50	10/26/2010	11/5/2010
Dacthal	0.049	mg/kg	0.1	49.0	21.8	0-50	10/26/2010	11/5/2010
Picloram	0.062	mg/kg	0.1	62.0	19.0	0-50	10/26/2010	11/5/2010
Pentachlorophenol	0.021	mg/kg	0.1	21.0	21.3	0-50	10/26/2010	11/5/2010

Comments:

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