

Guide To Understanding Soil Sample Results



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Guide to Understanding Soil Sampling Results July 19, 2010

This guide will assist in reading and understanding the soil sampling results included in the three attached tables. Table 1 provides a summary of what was found above cleanup standards. Tables 2 and 3 provide a complete listing of all test results, including chemicals found at levels below cleanup standards and chemicals tested for but not detected. More information about how to read the tables is provided below.

Table 1 is a summary of any chemicals that were found in samples from your property at levels above DEP's Soil Cleanup Target Levels (SCTLs) for unrestricted residential land use. The SCTL list can be found in DEP's Contaminant Cleanup Target Levels rule, Chapter 62-777, Florida Administrative Code. If any sample from your property exceeded an SCTL, the table lists the SCTL followed by the test results for that chemical from all sample locations on your property. The sample results that exceed a SCTL are highlighted in yellow. Some results may be labeled "ND" which means that the contaminant was "not detected" at the lowest level that the laboratory's equipment could measure. As you review the results in Table 2, please note that a "U" comment in the Remark column has the same meaning as "ND" in Table 1.

SCTLs are used to determine when cleanup is complete at a site where there has been a discharge of contaminants to the environment. The SCTLs are set to prevent human health effects, either non-cancer illness or an increased incidence of cancer above one in one million. These values were developed taking into account all sources of possible soil exposure for an individual over a period of 30 years through ingestion, dermal absorption, and inhalation of dust or vapors.

To learn more about how SCTLs were developed, view the following report on the DEP web site or call us to request a copy: [Technical Report: Development of Cleanup Target Levels \(CTLs\) For Chapter 62-777, F.A.C.](#)

Table 2 provides the complete analytical results for the approximately 200 chemicals that were analyzed from the soil samples collected at your residence. This table includes columns that summarize the sampling results and the following additional information about the sample:

- **Analyte Group** - Indicates the chemical group being tested. These include volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs), pesticides/herbicides/polychlorinated biphenyls (PCBs), metals, paraquat/diquat, and dioxins/furans.

- **Units** - The unit of measurement in micrograms per kilogram ($\mu\text{g/kg}$), milligrams per kilogram (mg/kg) or nanograms per kilogram (ng/kg) used to report results for the listed analyte (chemical).
- **Soil Sample ID** - The number is unique to your home address. The letter indicates the location within the yard where the sample was collected. The location can be found on the attached figure.
- **MDL** - The method detection limit, which is the lowest level at which the laboratory can detect this chemical.
- **Remark** - The comments from the laboratory about a particular sample. Comments include:
 - A: Value reported is the average of two or more readings
 - I: Value reported is between the laboratory's testing capabilities under "ideal" conditions, known as the method detection limit (MDL) and the laboratory's testing capabilities under "less-than-ideal" conditions, known as the practical quantitation limit (PQL)
 - J: Estimated value
 - Q: Sample held beyond normal holding time
 - U: Material was analyzed for but not detected
 - V: Analyte was detected in both sample and method blank

Most analytes have a "U" remark meaning the chemical was tested for but not detected in the sample. This has the same meaning as "ND" in Table 1.

For some properties, the results listed in Table 2 show that the SCTL for the benzo(a)pyrene Toxic Equivalency (TEQ) was exceeded in a soil sample. Benzo(a)pyrene is one of a group of chemicals (polycyclic aromatic hydrocarbons or PAHs) that are often found together. When one or more of the seven carcinogenic PAHs is detected in a sample from a site where cleanup is going to be required, DEP establishes a benzo(a)pyrene TEQ as a conservative cleanup goal for the site. To develop benzo(a)pyrene TEQs for the carcinogenic PAHs not detected by the laboratory, DEP estimates the amount that could be present. Then the level for each member of the group, whether detected or estimated, is multiplied by a toxic equivalency factor, the results are added together and the total is compared to the benzo(a)pyrene SCTL.

Table 2 also includes calculated TEQs for a chemical group called dioxins/furans. Because the dioxins/furans are a group of chemicals that are often found together, they are reported individually and as a 2,3,7,8-Tetrachlorodibenzo-p-dioxin (2,3,7,8-TCDD) TEQ. The DEP calculates a 2,3,7,8-TCDD TEQ for the group in a manner similar to the way the benzo(a)pyrene TEQ is calculated.

To learn more about TEQs, view the following report on the DEP web site or call us to request a copy: [Technical Report: Development of Cleanup Target Levels \(CTLs\) For Chapter 62-777, F.A.C.](#)

Table 3 provides the results of radionuclide testing for soil samples collected at your residence. This table includes columns that summarize the sampling results and the following additional information about the sample:

- **Radionuclide** – Indicates the element and associated isotope being reported.
- **Units** – The unit of measurement that is used to report the results of this test – pCi/g (picoCuries per gram).
- **Soil Sample ID** - The number is unique to your home address. The letter indicates the location within the yard where the sample was collected. The location can be found on the attached figure.
- **Remark** – The comments from the laboratory about a particular sample. Comments include:
 - J: Estimated value
 - U: Material was analyzed for but not detected

Most radionuclides have a “U” remark meaning it was tested for but not detected in the sample.

Background Locations

BG-1

**Table 1: Summary of Residential SCTL Exceedances in Soil Samples Collected from BG-1
March/April 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation**

Analyte	Residential SCTL	BG-1
<i>Exceedances</i>		
None		

SCTL=Soil Cleanup Target Level

ND=Non Detect

NA=Not Analyzed

Yellow Shading=Exceedance of SCTL

ng/Kg= nanogram per Kilogram

mg/Kg=milligram per Kilogram

Table 2: Location BG-1 Soil Sample Analytical Results

Volatile Organic Compounds	Units	BG-1	MDL	Remark
1,1,1-Trichloroethane	ug/kg	4.8	4.8	U
1,1,2,2-Tetrachloroethane	ug/kg	12	12	UJ
1,1,2-Trichloroethane	ug/kg	4.8	4.8	U
1,1-Dichloroethane	ug/kg	4.8	4.8	U
1,1-Dichloroethene	ug/kg	12	12	U
1,2-Dichlorobenzene	ug/kg	12	12	U
1,2-Dichloroethane	ug/kg	4.8	4.8	U
1,2-Dichloropropane	ug/kg	12	12	U
1,3-Dichlorobenzene	ug/kg	12	12	U
1,4-Dichlorobenzene	ug/kg	12	12	U
2-Butanone	ug/kg	120	120	U
2-Chloroethylvinyl ether	ug/kg	12	12	U
Benzene	ug/kg	4.8	4.8	U
Bromodichloromethane	ug/kg	4.8	4.8	U
Bromoform	ug/kg	12	12	U
Bromomethane	ug/kg	12	12	U
Carbon tetrachloride	ug/kg	4.8	4.8	U
Chlorobenzene	ug/kg	4.8	4.8	U
Chloroethane	ug/kg	12	12	U
Chloroform	ug/kg	4.8	4.8	U
Chloromethane	ug/kg	12	12	U
cis-1,2-Dichloroethene	ug/kg	12	12	U
cis-1,3-Dichloropropene	ug/kg	12	12	UJ
Dibromochloromethane	ug/kg	4.8	4.8	U
Ethylbenzene	ug/kg	12	12	U
m,p-Xylene	ug/kg	12	12	U
Methylene chloride	ug/kg	12	12	U
Methyl-t-butyl ether	ug/kg	12	12	U
o-Xylene	ug/kg	4.8	4.8	U

Table 2: Location BG-1 Soil Sample Analytical Results

Volatile Organic Compounds	Units	BG-1	MDL	Remark
Tetrachloroethene	ug/kg	12	12	U
Toluene	ug/kg	12	12	U
trans-1,2-Dichloroethene	ug/kg	12	12	U
trans-1,3-Dichloropropene	ug/kg	4.8	4.8	U
Trichloroethene	ug/kg	4.8	4.8	UJ
Trichlorofluoromethane	ug/kg	12	12	U
Vinyl chloride	ug/kg	12	12	U
Semi-Volatile Organic Compounds	Units	BG-1	MDL	Remark
1,2,4-Trichlorobenzene	ug/kg	200	200	U
1-Methylnaphthalene	ug/kg	7.3	7.3	U
1-Methylphenanthrene	ug/kg	7.3	7.3	U
2,3,5-Trimethylnaphthalene	ug/kg	7.3	7.3	U
2,4,6-Trichlorophenol	ug/kg	66	66	U
2,4-Dichlorophenol	ug/kg	66	66	U
2,4-Dimethylphenol	ug/kg	390	390	U
2,4-Dinitrophenol	ug/kg	390	390	U
2,4-Dinitrotoluene	ug/kg	66	66	U
2,6-Dimethylnaphthalene	ug/kg	7.3	7.3	U
2,6-Dinitrotoluene	ug/kg	66	66	U
2-Chloronaphthalene	ug/kg	66	66	U
2-Chlorophenol	ug/kg	200	200	U
2-Methyl-4,6-dinitrophenol	ug/kg	66	66	UJ
2-Methylnaphthalene	ug/Kg	7.3	7.3	U
2-Nitrophenol	ug/kg	66	66	U
3,3'-Dichlorobenzidine	ug/kg	3900	3900	U
4-Bromophenyl phenyl ether	ug/kg	66	66	U
4-Chloro-3-methylphenol	ug/kg	66	66	U
4-Chlorophenyl phenyl ether	ug/kg	66	66	U
4-Nitrophenol	ug/kg	66	66	U

Table 2: Location BG-1 Soil Sample Analytical Results

Semi-Volatile Organic Compounds	Units	BG-1	MDL	Remark
Acenaphthene	ug/kg	7.3	7.3	U
Acenaphthylene	ug/kg	7.3	7.3	U
Anthracene	ug/kg	7.3	7.3	U
Azobenzene/1,2-Diphenylhydrazine	ug/kg	66	66	U
Benzidine	ug/kg	1300	1300	U
Benzo(a)anthracene	ug/kg	7.3	7.3	U
Benzo(a)pyrene	ug/kg	7.3	7.3	U
Benzo(b)fluoranthene	ug/kg	7.3	7.3	U
Benzo(g,h,i)perylene	ug/kg	7.3	7.3	U
Benzo(k)fluoranthene	ug/kg	7.3	7.3	U
Biphenyl	ug/kg	7.3	7.3	U
Bis(2-chloroethoxy)methane	ug/kg	66	66	U
Bis(2-chloroethyl)ether	ug/kg	66	66	U
Bis(2-chloroisopropyl)ether	ug/kg	66	66	U
Bis(2-ethylhexyl)phthalate	ug/kg	390	390	UJ
Butyl benzyl phthalate	ug/kg	66	66	U
Chrysene	ug/kg	7.3	7.3	U
Dibenzo(a,h)anthracene	ug/kg	7.3	7.3	U
Dibenzothiophene	ug/kg	7.3	7.3	U
Diethyl phthalate	ug/kg	66	66	U
Dimethyl phthalate	ug/kg	66	66	U
Di-n-butyl phthalate	ug/kg	390	390	UJ
Di-n-octyl phthalate	ug/kg	66	66	UJ
Fluoranthene	ug/kg	7.3	7.3	U
Fluorene	ug/kg	7.3	7.3	U
Hexachlorobenzene	ug/kg	66	66	U
Hexachlorobutadiene	ug/kg	200	200	U
Hexachlorocyclopentadiene	ug/kg	66	66	U
Hexachloroethane	ug/kg	200	200	U

Table 2: Location BG-1 Soil Sample Analytical Results

Semi-Volatile Organic Compounds	Units	BG-1	MDL	Remark
Indeno(1,2,3-cd)pyrene	ug/kg	7.3	7.3	U
Isophorone	ug/kg	66	66	U
Naphthalene	ug/kg	7.3	7.3	U
Nitrobenzene	ug/kg	66	66	U
N-Nitrosodimethylamine	ug/kg	390	390	U
N-Nitrosodi-n-propylamine	ug/kg	66	66	U
N-Nitrosodiphenylamine/ Diphenylamine	ug/kg	66	66	U
Pentachlorophenol	ug/kg	66	66	U
Phenanthrene	ug/kg	7.3	7.3	U
Phenol	ug/kg	66	66	U
Pyrene	ug/kg	7.3	7.3	U
TRPH	mg/kg	57	11	
Pesticides/Herbicides/PCBs	Units	BG-1	MDL	Remark
2,4,5-T	ug/kg	7.1	7.1	U
2,4-D	ug/kg	7.1	7.1	U
3-Hydroxycarbofuran	ug/kg	0.54	0.54	UJ
Acifluorfen	ug/kg	7.1	7.1	U
Aldicarb	ug/kg	0.54	0.54	UJ
Aldicarb Sulfone	ug/kg	0.54	0.54	UJ
Aldicarb Sulfoxide	ug/kg	0.54	0.54	UJ
Carbaryl	ug/kg	0.54	0.54	UJ
Carbofuran	ug/kg	0.54	0.54	UJ
Diuron	ug/kg	6.5	6.5	U
Imidacloprid	ug/kg	6.5	6.5	U
Linuron	ug/kg	6.5	6.5	U
Methiocarb	ug/kg	0.54	0.54	UJ
Methomyl	ug/kg	0.54	0.54	UJ
Oxamyl	ug/kg	0.54	0.54	UJ
Propoxur	ug/kg	0.54	0.54	UJ

Table 2: Location BG-1 Soil Sample Analytical Results

Pesticides/Herbicides/PCBs	Units	BG-1	MDL	Remark
Silvex	ug/kg	7.1	7.1	U
Alachlor	ug/kg	11	11	U
Aldrin	ug/Kg	0.36	0.36	U
Alpha-BHC	ug/Kg	0.36	0.36	U
Ametryn	ug/kg	1.8	1.8	U
Atrazine	ug/kg	1.8	1.8	U
Azinphos Methyl	ug/kg	5.5	5.5	U
Beta-BHC	ug/Kg	0.36	0.36	U
Bromacil	ug/kg	7.3	7.3	U
Chlordane	ug/Kg	5.5	5.5	U
Chlorpyrifos Ethyl	ug/kg	1.8	1.8	U
Chlorpyrifos Methyl	ug/kg	3.6	3.6	U
DDD-p,p'	ug/Kg	0.73	0.73	U
DDE-p,p'	ug/Kg	0.73	0.73	U
DDT-p,p'	ug/Kg	1.1	1.1	U
Delta-BHC	ug/Kg	0.73	0.73	U
Diazinon	ug/kg	1.8	1.8	U
Dieldrin	ug/Kg	0.36	0.36	U
Endosulfan I	ug/Kg	0.36	0.36	U
Endosulfan II	ug/Kg	0.36	0.36	U
Endosulfan Sulfate	ug/Kg	0.73	0.73	U
Endrin	ug/Kg	1.8	1.8	U
Endrin Aldehyde	ug/Kg	0.73	0.73	U
Ethion	ug/kg	1.8	1.8	U
Ethoprop	ug/kg	1.8	1.8	U
Fenamiphos	ug/kg	7.3	7.3	UJ
Fonofos	ug/kg	1.8	1.8	U
Gamma-BHC	ug/Kg	0.36	0.36	U
Heptachlor	ug/Kg	0.36	0.36	U

Table 2: Location BG-1 Soil Sample Analytical Results

Pesticides/Herbicides/PCBs	Units	BG-1	MDL	Remark
Heptachlor Epoxide	ug/kg	0.36	0.36	U
Hexazinone	ug/kg	3.6	3.6	U
Malathion	ug/kg	3.6	3.6	U
Methamidophos	ug/kg	18	18	UJ
Methoxychlor	ug/kg	1.8	1.8	U
Metolachlor	ug/kg	11	11	U
Metribuzin	ug/kg	3.6	3.6	U
Mevinphos	ug/kg	7.3	7.3	U
Monocrotophos	ug/kg	18	18	UJ
Naled	ug/kg	15	15	U
Norflurazon	ug/kg	3.6	3.6	U
Parathion Ethyl	ug/kg	3.6	3.6	U
Parathion Methyl	ug/kg	3.6	3.6	U
PCB-1016	ug/Kg	11	11	U
PCB-1221	ug/Kg	7.3	7.3	U
PCB-1232	ug/Kg	16	16	U
PCB-1242	ug/Kg	11	11	U
PCB-1248	ug/Kg	7.3	7.3	U
PCB-1254	ug/Kg	7.3	7.3	U
PCB-1260	ug/Kg	11	11	U
Phorate	ug/kg	1.8	1.8	U
Prometryn	ug/kg	3.6	3.6	U
Simazine	ug/kg	1.8	1.8	U
Toxaphene	ug/Kg	27	27	U
Diquat	mg/Kg	0.043	0.043	U
Paraquat	mg/Kg	0.054	0.054	U
Metals	Units	BG-1	MDL	Remark
Mercury	mg/Kg	0.0089	0.0034	I
Antimony	mg/Kg	0.13	0.13	U

Table 2: Location BG-1 Soil Sample Analytical Results

Metals	Units	BG-1	MDL	Remark
Arsenic	mg/Kg	0.3	0.053	
Barium	mg/Kg	2.23	0.053	
Beryllium	mg/Kg	0.023	0.021	I
Cadmium	mg/Kg	0.027	0.027	U
Chromium	mg/Kg	1.13	0.13	
Cobalt	mg/Kg	0.089	0.011	
Copper	mg/Kg	0.43	0.13	I
Lead	mg/Kg	2.78	0.2	
Nickel	mg/Kg	0.45	0.13	I
Selenium	mg/Kg	0.091	0.08	I
Silver	mg/Kg	0.0067	0.0067	UJ
Thallium	mg/Kg	0.027	0.027	U
Zinc	mg/Kg	1.1	1.1	U
Dioxins/Furans	Units	BG-1	MDL	Remark
1,2,3,4,6,7,8-HpCDD	ng/Kg	2.71	3.18	IV
1,2,3,4,6,7,8-HpCDF	ng/Kg	0.473	3.18	I
1,2,3,4,7,8,9-HpCDF	ng/Kg	0.193	3.18	U
1,2,3,4,7,8-HxCDD	ng/Kg	0.125	3.18	U
1,2,3,4,7,8-HxCDF	ng/Kg	0.115	3.18	U
1,2,3,6,7,8-HxCDD	ng/Kg	0.124	3.18	U
1,2,3,6,7,8-HxCDF	ng/Kg	0.12	3.18	U
1,2,3,7,8,9-HxCDD	ng/Kg	0.126	3.18	U
1,2,3,7,8,9-HxCDF	ng/Kg	0.148	3.18	U
1,2,3,7,8-PeCDD	ng/Kg	0.177	3.18	U
1,2,3,7,8-PeCDF	ng/Kg	0.144	3.18	U
2,3,4,6,7,8-HxCDF	ng/Kg	0.127	3.18	U
2,3,4,7,8-PeCDF	ng/Kg	0.141	3.18	U
2,3,7,8-TCDD	ng/Kg	0.234	1.27	U
2,3,7,8-TCDF	ng/Kg	0.252	1.27	U

Table 2: Location BG-1 Soil Sample Analytical Results

Dioxins/Furans	Units	BG-1	MDL	Remark
OCDD	ng/Kg	15.3	6.36	V
OCDF	ng/Kg	0.837	6.36	IV
Total Hepta-Dioxins	ng/Kg	5.93	3.18	
Total Hepta-Furans	ng/Kg	0.956	3.18	I
Total Hexa-Dioxins	ng/Kg	0.94	3.18	I
Total Hexa-Furans	ng/Kg	0.451	3.18	I
Total Penta-Dioxins	ng/Kg	0.523	3.18	I
Total Penta-Furans	ng/Kg	2.73	3.18	I
Total Tetra-Dioxins	ng/Kg	1.23	1.27	I
Total Tetra-Furans	ng/Kg	9.19	1.27	
TEQ	Ng/Kg	0.336		

256: Yellow shading indicates analyte was detected at a concentration above a Residential Soil Cleanup Target Level.

Table 3: Location BG-1 Soil Sample Radionuclide Results

Radionuclides	Units	BG-1	Remark
Actinium-228	pCi/g	0.158	U
Actinium-228 Uncertainty	pCi/g	0.0809	
Alpha Uncertainty	pCi/g	2.25	
Alpha, Total	pCi/g	3.29	U
Americium-241	pCi/g	0.137	U
Americium-241 Uncertainty	pCi/g	0.0775	
Antimony-124	pCi/g	0.147	U
Antimony-124 Uncertainty	pCi/g	0.0906	
Antimony-125	pCi/g	0.0931	U
Antimony-125 Uncertainty	pCi/g	0.0561	
Barium-133	pCi/g	0.0388	U
Barium-133 Uncertainty	pCi/g	0.0239	
Barium-140	pCi/g	5.29	U
Barium-140 Uncertainty	pCi/g	2.88	
Beryllium-7	pCi/g	0.628	U
Beryllium-7 Uncertainty	pCi/g	0.369	
Beta Uncertainty	pCi/g	1.81	
Beta, Total	pCi/g	3.49	U
Bismuth-212	pCi/g	0.446	U
Bismuth-212 Uncertainty	pCi/g	0.227	
Bismuth-214	pCi/g	0.101	U
Bismuth-214 Uncertainty	pCi/g	0.0525	
Cerium-139	pCi/g	0.0388	U
Cerium-139 Uncertainty	pCi/g	0.0204	
Cerium-141	pCi/g	0.194	U
Cerium-141 Uncertainty	pCi/g	0.101	
Cerium-144	pCi/g	0.211	U
Cerium-144 Uncertainty	pCi/g	0.116	
Cesium-134	pCi/g	0.0542	U

Table 3: Location BG-1 Soil Sample Radionuclide Results

Radionuclides	Units	BG-1	Remark
Cesium-134 Uncertainty	pCi/g	0.0268	
Cesium-136	pCi/g	1.75	U
Cesium-136 Uncertainty	pCi/g	1.14	
Cesium-137	pCi/g	0.104	
Cesium-137 Uncertainty	pCi/g	0.0461	
Chromium-51	pCi/g	1.31	U
Chromium-51 Uncertainty	pCi/g	0.814	
Cobalt-56	pCi/g	0.0517	U
Cobalt-56 Uncertainty	pCi/g	0.0293	
Cobalt-57	pCi/g	0.0232	U
Cobalt-57 Uncertainty	pCi/g	0.0142	
Cobalt-58	pCi/g	0.0503	U
Cobalt-58 Uncertainty	pCi/g	0.0321	
Cobalt-60	pCi/g	0.0311	U
Cobalt-60 Uncertainty	pCi/g	0.0194	
Europium-152	pCi/g	0.0975	U
Europium-152 Uncertainty	pCi/g	0.0518	
Europium-154	pCi/g	0.0874	U
Europium-154 Uncertainty	pCi/g	0.0508	
Europium-155	pCi/g	0.0956	U
Europium-155 Uncertainty	pCi/g	0.0546	
Iridium-192	pCi/g	0.0585	U
Iridium-192 Uncertainty	pCi/g	0.0329	
Iron-59	pCi/g	0.158	U
Iron-59 Uncertainty	pCi/g	0.0952	
Lead-210	pCi/g	3.63	U
Lead-210 Uncertainty	pCi/g	2.02	
Lead-212	pCi/g	0.0791	U
Lead-212 Uncertainty	pCi/g	0.057	

Table 3: Location BG-1 Soil Sample Radionuclide Results

Radionuclides	Units	BG-1	Remark
Lead-214	pCi/g	0.107	U
Lead-214 Uncertainty	pCi/g	0.0681	
Manganese-54	pCi/g	0.0352	U
Manganese-54 Uncertainty	pCi/g	0.0209	
Mercury-203	pCi/g	0.0845	U
Mercury-203 Uncertainty	pCi/g	0.0497	
Neodymium-147	pCi/g	16.9	U
Neodymium-147 Uncertainty	pCi/g	9.28	
Neptunium-239	pCi/g	0.341	U
Neptunium-239 Uncertainty	pCi/g	0.189	
Niobium-94	pCi/g	0.0292	U
Niobium-94 Uncertainty	pCi/g	0.0159	
Niobium-95	pCi/g	0.0699	U
Niobium-95 Uncertainty	pCi/g	0.0387	
Potassium-40	pCi/g	0.479	U
Potassium-40 Uncertainty	pCi/g	0.251	
Promethium-144	pCi/g	0.0319	U
Promethium-144 Uncertainty	pCi/g	0.02	
Promethium-146	pCi/g	0.0393	U
Promethium-146 Uncertainty	pCi/g	0.0245	
Radium-228	pCi/g	0.158	U
Radium-228 Uncertainty	pCi/g	0.0809	
Ruthenium-106	pCi/g	0.297	U
Ruthenium-106 Uncertainty	pCi/g	0.184	
Silver-110m	pCi/g	0.0533	U
Silver-110m Uncertainty	pCi/g	0.0289	
Sodium-22	pCi/g	0.0314	U
Sodium-22 Uncertainty	pCi/g	0.0188	
Thallium-208	pCi/g	0.0459	U

Table 3: Location BG-1 Soil Sample Radionuclide Results

Radionuclides	Units	BG-1	Remark
Thallium-208 Uncertainty	pCi/g	0.0238	
Thorium-234	pCi/g	1.37	U
Thorium-234 Uncertainty	pCi/g	0.749	
Tin-113	pCi/g	0.054	U
Tin-113 Uncertainty	pCi/g	0.0318	
Uranium-235	pCi/g	0.194	U
Uranium-235 Uncertainty	pCi/g	0.11	
Uranium-238	pCi/g	1.37	U
Uranium-238 Uncertainty	pCi/g	0.749	
Yttrium-88	pCi/g	0.0525	U
Yttrium-88 Uncertainty	pCi/g	0.0313	
Zinc-65	pCi/g	0.0858	U
Zinc-65 Uncertainty	pCi/g	0.0615	
Zirconium-95	pCi/g	0.118	U
Zirconium-95 Uncertainty	pCi/g	0.0649	

BG-2 & BG-5

Table 1: Summary of Residential SCTL Exceedances in Soil Samples Collected from BG-2 and BG-5
March/April 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation

Analyte	Residential SCTL	BG-2	BG-5
<i>Exceedances</i>			
None			

SCTL=Soil Cleanup Target Level
 ND=Non Detect
 NA=Not Analyzed
 Yellow Shading=Exceedance of SCTL
 ng/Kg= nanogram per Kilogram
 mg/Kg=milligram per Kilogram

Table 2: Locations BG-2 and BG-5 Soil Sample Analytical Results

Volatile Organic Compounds	Units	BG-2	MDL	Remark	BG-5	MDL	Remark
1,1,1-Trichloroethane	ug/kg	6.8	6.8	U	4.4	4.4	U
1,1,2,2-Tetrachloroethane	ug/kg	17	17	UJ	11	11	UJ
1,1,2-Trichloroethane	ug/kg	6.8	6.8	U	4.4	4.4	U
1,1-Dichloroethane	ug/kg	6.8	6.8	U	4.4	4.4	U
1,1-Dichloroethene	ug/kg	17	17	U	11	11	U
1,2-Dichlorobenzene	ug/kg	17	17	U	11	11	U
1,2-Dichloroethane	ug/kg	6.8	6.8	U	4.4	4.4	U
1,2-Dichloropropane	ug/kg	17	17	U	11	11	U
1,3-Dichlorobenzene	ug/kg	17	17	U	11	11	U
1,4-Dichlorobenzene	ug/kg	17	17	U	11	11	U
2-Butanone	ug/kg	170	170	U	110	110	U
2-Chloroethylvinyl ether	ug/kg	17	17	U	11	11	U
Benzene	ug/kg	6.8	6.8	U	4.4	4.4	U
Bromodichloromethane	ug/kg	6.8	6.8	U	4.4	4.4	U
Bromoform	ug/kg	17	17	UJ	11	11	UJ
Bromomethane	ug/kg	17	17	U	11	11	U
Carbon tetrachloride	ug/kg	6.8	6.8	U	4.4	4.4	U
Chlorobenzene	ug/kg	6.8	6.8	U	4.4	4.4	U
Chloroethane	ug/kg	17	17	U	11	11	U
Chloroform	ug/kg	6.8	6.8	U	4.4	4.4	U
Chloromethane	ug/kg	17	17	U	11	11	U
cis-1,2-Dichloroethene	ug/kg	17	17	U	11	11	U
cis-1,3-Dichloropropene	ug/kg	17	17	U	11	11	U
Dibromochloromethane	ug/kg	6.8	6.8	U	4.4	4.4	U
Ethylbenzene	ug/kg	17	17	U	11	11	U
m,p-Xylene	ug/kg	17	17	U	11	11	U
Methylene chloride	ug/kg	17	17	U	11	11	U
Methyl-t-butyl ether	ug/kg	17	17	U	11	11	U
o-Xylene	ug/kg	6.8	6.8	U	4.4	4.4	U

Table 2: Locations BG-2 and BG-5 Soil Sample Analytical Results

Volatile Organic Compounds	Units	BG-2	MDL	Remark	BG-5	MDL	Remark
Tetrachloroethene	ug/kg	17	17	U	11	11	U
Toluene	ug/kg	17	17	U	11	11	U
trans-1,2-Dichloroethene	ug/kg	17	17	U	11	11	U
trans-1,3-Dichloropropene	ug/kg	6.8	6.8	U	4.4	4.4	U
Trichloroethene	ug/kg	6.8	6.8	U	4.4	4.4	U
Trichlorofluoromethane	ug/kg	17	17	U	11	11	U
Vinyl chloride	ug/kg	17	17	U	11	11	U
Semi-Volatile Organic Compounds	Units	BG-2	MDL	Remark	BG-5	MDL	Remark
1,2,4-Trichlorobenzene	ug/kg	200	200	U	190	190	U
1-Methylnaphthalene	ug/kg	7.5	7.5	U	7.2	7.2	U
1-Methylphenanthrene	ug/kg	7.5	7.5	U	7.2	7.2	U
2,3,5-Trimethylnaphthalene	ug/kg	7.5	7.5	U	7.2	7.2	U
2,4,6-Trichlorophenol	ug/kg	67	67	U	65	65	U
2,4-Dichlorophenol	ug/kg	67	67	U	65	65	U
2,4-Dimethylphenol	ug/kg	400	400	U	390	390	U
2,4-Dinitrophenol	ug/kg	400	400	U	390	390	U
2,4-Dinitrotoluene	ug/kg	67	67	U	65	65	U
2,6-Dimethylnaphthalene	ug/kg	7.5	7.5	U	7.2	7.2	U
2,6-Dinitrotoluene	ug/kg	67	67	U	65	65	U
2-Chloronaphthalene	ug/kg	67	67	U	65	65	U
2-Chlorophenol	ug/kg	200	200	U	190	190	U
2-Methyl-4,6-dinitrophenol	ug/kg	67	67	U	65	65	U
2-Methylnaphthalene	ug/Kg	7.5	7.5	U	7.2	7.2	U
2-Nitrophenol	ug/kg	67	67	U	65	65	U
3,3'-Dichlorobenzidine	ug/kg	4000	4000	U	3900	3900	U
4-Bromophenyl phenyl ether	ug/kg	67	67	U	65	65	U
4-Chloro-3-methylphenol	ug/kg	67	67	U	65	65	U
4-Chlorophenyl phenyl ether	ug/kg	67	67	U	65	65	U
4-Nitrophenol	ug/kg	67	67	U	65	65	U

Table 2: Locations BG-2 and BG-5 Soil Sample Analytical Results

Semi-Volatile Organic Compounds	Units	BG-2	MDL	Remark	BG-5	MDL	Remark
Acenaphthene	ug/kg	7.5	7.5	U	7.2	7.2	U
Acenaphthylene	ug/kg	7.5	7.5	U	7.2	7.2	U
Anthracene	ug/kg	7.5	7.5	U	7.2	7.2	U
Azobenzene/1,2-Diphenylhydrazine	ug/kg	67	67	U	65	65	U
Benzidine	ug/kg	1500	1500	UJ	1300	1300	UJ
Benzo(a)anthracene	ug/kg	7.5	7.5	U	7.2	7.2	U
Benzo(a)pyrene	ug/kg	7.5	7.5	U	7.2	7.2	U
Benzo(b)fluoranthene	ug/kg	7.5	7.5	U	7.2	7.2	U
Benzo(g,h,i)perylene	ug/kg	7.5	7.5	U	7.2	7.2	U
Benzo(k)fluoranthene	ug/kg	7.5	7.5	U	7.2	7.2	U
Biphenyl	ug/kg	7.5	7.5	U	7.2	7.2	U
Bis(2-chloroethoxy)methane	ug/kg	67	67	U	65	65	U
Bis(2-chloroethyl)ether	ug/kg	67	67	U	65	65	U
Bis(2-chloroisopropyl)ether	ug/kg	67	67	U	65	65	U
Bis(2-ethylhexyl)phthalate	ug/kg	400	400	UJ	390	390	UJ
Butyl benzyl phthalate	ug/kg	67	67	U	65	65	U
Chrysene	ug/kg	7.5	7.5	U	7.2	7.2	U
Dibenzo(a,h)anthracene	ug/kg	7.5	7.5	U	7.2	7.2	U
Dibenzothiophene	ug/kg	7.5	7.5	U	7.2	7.2	U
Diethyl phthalate	ug/kg	67	67	U	65	65	U
Dimethyl phthalate	ug/kg	67	67	U	65	65	U
Di-n-butyl phthalate	ug/kg	400	400	U	390	390	U
Di-n-octyl phthalate	ug/kg	67	67	U	65	65	U
Fluoranthene	ug/kg	7.5	7.5	U	7.2	7.2	U
Fluorene	ug/kg	7.5	7.5	U	7.2	7.2	U
Hexachlorobenzene	ug/kg	67	67	U	65	65	U
Hexachlorobutadiene	ug/kg	200	200	U	190	190	U
Hexachlorocyclopentadiene	ug/kg	67	67	U	65	65	U
Hexachloroethane	ug/kg	200	200	U	190	190	U

Table 2: Locations BG-2 and BG-5 Soil Sample Analytical Results

Semi-Volatile Organic Compounds	Units	BG-2	MDL	Remark	BG-5	MDL	Remark
Indeno(1,2,3-cd)pyrene	ug/kg	7.5	7.5	U	7.2	7.2	U
Isophorone	ug/kg	67	67	U	65	65	U
Naphthalene	ug/kg	7.5	7.5	U	7.2	7.2	U
Nitrobenzene	ug/kg	67	67	U	65	65	U
N-Nitrosodimethylamine	ug/kg	400	400	U	390	390	U
N-Nitrosodi-n-propylamine	ug/kg	67	67	U	65	65	U
N-Nitrosodiphenylamine/ Diphenylamine	ug/kg	67	67	U	65	65	U
Pentachlorophenol	ug/kg	67	67	U	65	65	U
Phenanthrene	ug/kg	7.5	7.5	U	7.2	7.2	U
Phenol	ug/kg	67	67	U	65	65	U
Pyrene	ug/kg	7.5	7.5	U	7.2	7.2	U
TRPH	mg/kg	12	12	U	11	11	U
Pesticides/Herbicides/PCBs	Units	BG-2	MDL	Remark	BG-5	MDL	Remark
2,4,5-T	ug/kg	7.3	7.3	U	7	7	U
2,4-D	ug/kg	7.3	7.3	U	7	7	U
3-Hydroxycarbofuran	ug/kg	0.56	0.56	UJ	0.54	0.54	UJ
Acifluorfen	ug/kg	7.3	7.3	U	7	7	U
Aldicarb	ug/kg	0.56	0.56	UJ	0.54	0.54	UJ
Aldicarb Sulfone	ug/kg	0.56	0.56	UJ	0.54	0.54	UJ
Aldicarb Sulfoxide	ug/kg	0.56	0.56	UJ	0.54	0.54	UJ
Carbaryl	ug/kg	0.56	0.56	UJ	0.54	0.54	UJ
Carbofuran	ug/kg	0.56	0.56	UJ	0.54	0.54	UJ
Diuron	ug/kg	6.7	6.7	U	6.5	6.5	U
Imidacloprid	ug/kg	6.7	6.7	U	6.5	6.5	U
Linuron	ug/kg	6.7	6.7	U	6.5	6.5	U
Methiocarb	ug/kg	0.56	0.56	UJ	0.54	0.54	UJ
Methomyl	ug/kg	0.56	0.56	UJ	0.54	0.54	UJ
Oxamyl	ug/kg	0.56	0.56	UJ	0.54	0.54	UJ
Propoxur	ug/kg	0.56	0.56	UJ	0.54	0.54	UJ

Table 2: Locations BG-2 and BG-5 Soil Sample Analytical Results

Pesticides/Herbicides/PCBs	Units	BG-2	MDL	Remark	BG-5	MDL	Remark
Silvex	ug/kg	7.3	7.3	U	7	7	U
Alachlor	ug/kg	11	11	U	11	11	U
Aldrin	ug/Kg	0.37	0.37	U	0.36	0.36	U
Alpha-BHC	ug/Kg	0.37	0.37	U	0.36	0.36	U
Ametryn	ug/kg	1.9	1.9	U	1.8	1.8	U
Atrazine	ug/kg	1.9	1.9	U	1.8	1.8	U
Azinphos Methyl	ug/kg	5.6	5.6	UJ	5.4	5.4	UJ
Beta-BHC	ug/Kg	0.37	0.37	U	0.36	0.36	U
Bromacil	ug/kg	7.5	7.5	U	7.2	7.2	U
Chlordane	ug/Kg	5.6	5.6	U	5.4	5.4	U
Chlorpyrifos Ethyl	ug/kg	1.9	1.9	U	1.8	1.8	U
Chlorpyrifos Methyl	ug/kg	3.7	3.7	U	3.6	3.6	U
DDD-p,p'	ug/Kg	0.75	0.75	U	0.72	0.72	U
DDE-p,p'	ug/Kg	0.75	0.75	U	0.72	0.72	U
DDT-p,p'	ug/Kg	1.1	1.1	U	1.1	1.1	U
Delta-BHC	ug/Kg	0.75	0.75	U	0.72	0.72	U
Diazinon	ug/kg	1.9	1.9	U	1.8	1.8	U
Dieldrin	ug/Kg	0.37	0.37	U	0.36	0.36	U
Endosulfan I	ug/Kg	0.37	0.37	U	0.36	0.36	U
Endosulfan II	ug/Kg	0.37	0.37	U	0.36	0.36	U
Endosulfan Sulfate	ug/Kg	0.75	0.75	U	0.72	0.72	U
Endrin	ug/Kg	1.9	1.9	U	1.8	1.8	U
Endrin Aldehyde	ug/Kg	0.75	0.75	U	0.72	0.72	U
Ethion	ug/kg	1.9	1.9	U	1.8	1.8	U
Ethoprop	ug/kg	1.9	1.9	U	1.8	1.8	U
Fenamiphos	ug/kg	7.5	7.5	U	7.2	7.2	U
Fonofos	ug/kg	1.9	1.9	U	1.8	1.8	U
Gamma-BHC	ug/Kg	0.37	0.37	U	0.36	0.36	U
Heptachlor	ug/Kg	0.37	0.37	U	0.36	0.36	U

Table 2: Locations BG-2 and BG-5 Soil Sample Analytical Results

Pesticides/Herbicides/PCBs	Units	BG-2	MDL	Remark	BG-5	MDL	Remark
Heptachlor Epoxide	ug/kg	0.37	0.37	U	0.36	0.36	U
Hexazinone	ug/kg	3.7	3.7	U	3.6	3.6	U
Malathion	ug/kg	3.7	3.7	U	3.6	3.6	U
Methamidophos	ug/kg	19	19	U	18	18	U
Methoxychlor	ug/kg	1.9	1.9	U	1.8	1.8	U
Metolachlor	ug/kg	11	11	U	11	11	U
Metribuzin	ug/kg	3.7	3.7	U	3.6	3.6	U
Mevinphos	ug/kg	7.5	7.5	U	7.2	7.2	U
Monocrotophos	ug/kg	19	19	U	18	18	U
Naled	ug/kg	15	15	U	14	14	U
Norflurazon	ug/kg	3.7	3.7	U	3.6	3.6	U
Parathion Ethyl	ug/kg	3.7	3.7	U	3.6	3.6	U
Parathion Methyl	ug/kg	3.7	3.7	U	3.6	3.6	U
PCB-1016	ug/Kg	11	11	U	11	11	U
PCB-1221	ug/Kg	7.5	7.5	U	7.2	7.2	U
PCB-1232	ug/Kg	17	17	U	16	16	U
PCB-1242	ug/Kg	11	11	U	11	11	U
PCB-1248	ug/Kg	7.5	7.5	U	7.2	7.2	U
PCB-1254	ug/Kg	7.5	7.5	U	7.2	7.2	U
PCB-1260	ug/Kg	11	11	U	11	11	U
Phorate	ug/kg	1.9	1.9	U	1.8	1.8	U
Prometryn	ug/kg	3.7	3.7	U	3.6	3.6	U
Simazine	ug/kg	1.9	1.9	U	1.8	1.8	U
Toxaphene	ug/Kg	28	28	U	27	27	U
Diquat	mg/Kg	0.047	0.047	U	0.052	0.052	U
Paraquat	mg/Kg	0.058	0.058	U	0.065	0.065	U
Metals	Units	BG-2	MDL	Remark	BG-5	MDL	Remark
Mercury	mg/Kg	0.012	0.0046	I	0.012	0.0043	I
Antimony	mg/Kg	0.14	0.14	U	0.13	0.13	U

Table 2: Locations BG-2 and BG-5 Soil Sample Analytical Results

Metals	Units	BG-2	MDL	Remark	BG-5	MDL	Remark
Arsenic	mg/Kg	0.056	0.056	U	0.054	0.054	U
Barium	mg/Kg	0.5	0.056		0.75	0.054	
Beryllium	mg/Kg	0.022	0.022	U	0.022	0.022	U
Cadmium	mg/Kg	0.028	0.028	U	0.027	0.027	U
Chromium	mg/Kg	0.45	0.14	I	0.3	0.13	I
Cobalt	mg/Kg	0.016	0.011	I	0.02	0.011	I
Copper	mg/Kg	0.18	0.14	I	0.28	0.13	I
Lead	mg/Kg	0.66	0.21	I	2.11	0.2	
Nickel	mg/Kg	0.14	0.14	I	0.17	0.13	I
Selenium	mg/Kg	0.084	0.084	U	0.081	0.081	U
Silver	mg/Kg	0.007	0.007	U	0.0067	0.0067	U
Thallium	mg/Kg	0.028	0.028	U	0.027	0.027	U
Zinc	mg/Kg	1.1	1.1	U	1.1	1.1	U
Dioxins/Furans	Units	BG-2	MDL	Remark	BG-5	MDL	Remark
1,2,3,4,6,7,8-HpCDD	ng/Kg	2.32	3.25	I	0.42	2.41	I
1,2,3,4,6,7,8-HpCDF	ng/Kg	0.312	3.25	I	0.139	2.41	I
1,2,3,4,7,8,9-HpCDF	ng/Kg	0.102	3.25	U	0.0836	2.41	U
1,2,3,4,7,8-HxCDD	ng/Kg	0.13	3.25	U	0.0728	2.41	U
1,2,3,4,7,8-HxCDF	ng/Kg	0.056	3.25	U	0.0319	2.41	U
1,2,3,6,7,8-HxCDD	ng/Kg	0.117	3.25	U	0.0651	2.41	U
1,2,3,6,7,8-HxCDF	ng/Kg	0.0542	3.25	U	0.0309	2.41	U
1,2,3,7,8,9-HxCDD	ng/Kg	0.364	3.25	I	0.0708	2.41	U
1,2,3,7,8,9-HxCDF	ng/Kg	0.0683	3.25	U	0.0389	2.41	U
1,2,3,7,8-PeCDD	ng/Kg	0.0949	3.25	U	0.0492	2.41	U
1,2,3,7,8-PeCDF	ng/Kg	0.0756	3.25	U	0.0316	2.41	U
2,3,4,6,7,8-HxCDF	ng/Kg	0.0615	3.25	U	0.035	2.41	U
2,3,4,7,8-PeCDF	ng/Kg	0.0739	3.25	U	0.0309	2.41	U
2,3,7,8-TCDD	ng/Kg	0.0807	1.3	U	0.0436	0.965	U
2,3,7,8-TCDF	ng/Kg	0.0971	1.3	U	0.0632	0.965	U

Table 2: Locations BG-2 and BG-5 Soil Sample Analytical Results

Dioxins/Furans	Units	BG-2	MDL	Remark	BG-5	MDL	Remark
OCDD	ng/Kg	11.8	6.5	V	2.28	4.83	IV
OCDF	ng/Kg	0.647	6.5	I	0.224	4.83	I
Total Hepta-Dioxins	ng/Kg	4.65	3.25		1.06	2.41	I
Total Hepta-Furans	ng/Kg	0.312	3.25	I	0.139	2.41	I
Total Hexa-Dioxins	ng/Kg	2.91	3.25	I	0.0651	2.41	U
Total Hexa-Furans	ng/Kg	0.413	3.25	I	0.0309	2.41	U
Total Penta-Dioxins	ng/Kg	4.96	3.25		0.0492	2.41	U
Total Penta-Furans	ng/Kg	12.4	3.25		0.0309	2.41	U
Total Tetra-Dioxins	ng/Kg	13.2	1.3		0.0436	0.965	U
Total Tetra-Furans	ng/Kg	29.9	1.3		0.0632	0.965	U
TEQ	Ng/Kg	0.202			0.0816		

256: Yellow shading indicates analyte was detected at a concentration above a Residential Soil Cleanup Target Level.

Table 3: Locations BG-2 and BG-5 Soil Sample Radionuclide Results

Radionuclides	Units	BG-2	Remark	BG-5	Remark
Actinium-228	pCi/g	0.0939	UJ	0.171	U
Actinium-228 Uncertainty	pCi/g	0.0794		0.101	
Alpha Uncertainty	pCi/g	1.89		1.77	
Alpha, Total	pCi/g	3.65	U	3.68	U
Americium-241	pCi/g	0.0738	U	0.0418	U
Americium-241 Uncertainty	pCi/g	0.0442		0.0215	
Antimony-124	pCi/g	0.137	U	0.202	U
Antimony-124 Uncertainty	pCi/g	0.0649		0.126	
Antimony-125	pCi/g	0.0644	U	0.0834	U
Antimony-125 Uncertainty	pCi/g	0.0376		0.0461	
Barium-133	pCi/g	0.0288	U	0.0398	U
Barium-133 Uncertainty	pCi/g	0.0186		0.0214	
Barium-140	pCi/g	6.19	U	5.72	U
Barium-140 Uncertainty	pCi/g	3.48		3.35	
Beryllium-7	pCi/g	0.563	U	0.683	U
Beryllium-7 Uncertainty	pCi/g	0.331		0.412	
Beta Uncertainty	pCi/g	1.86		1.48	
Beta, Total	pCi/g	3.72	U	2.97	U
Bismuth-212	pCi/g	0.446	U	0.489	U
Bismuth-212 Uncertainty	pCi/g	0.238		0.258	
Bismuth-214	pCi/g	0.0948	UJ	0.0987	U
Bismuth-214 Uncertainty	pCi/g	0.0686		0.0605	
Cerium-139	pCi/g	0.0302	U	0.0266	U
Cerium-139 Uncertainty	pCi/g	0.0168		0.0168	
Cerium-141	pCi/g	0.164	U	0.159	U
Cerium-141 Uncertainty	pCi/g	0.0903		0.0931	
Cerium-144	pCi/g	0.163	U	0.156	U
Cerium-144 Uncertainty	pCi/g	0.0859		0.0887	
Cesium-134	pCi/g	0.036	U	0.041	U

Table 3: Locations BG-2 and BG-5 Soil Sample Radionuclide Results

Radionuclides	Units	BG-2	Remark	BG-5	Remark
Cesium-134 Uncertainty	pCi/g	0.0212		0.0247	
Cesium-136	pCi/g	1.75	U	2.05	U
Cesium-136 Uncertainty	pCi/g	1.02		1.41	
Cesium-137	pCi/g	0.0683		0.0759	
Cesium-137 Uncertainty	pCi/g	0.0265		0.0328	
Chromium-51	pCi/g	1.39	U	1.64	U
Chromium-51 Uncertainty	pCi/g	0.792		0.86	
Cobalt-56	pCi/g	0.055	U	0.0579	U
Cobalt-56 Uncertainty	pCi/g	0.0304		0.0328	
Cobalt-57	pCi/g	0.0197	U	0.0184	U
Cobalt-57 Uncertainty	pCi/g	0.0107		0.0106	
Cobalt-58	pCi/g	0.0474	U	0.0665	U
Cobalt-58 Uncertainty	pCi/g	0.0303		0.0373	
Cobalt-60	pCi/g	0.0316	U	0.0331	U
Cobalt-60 Uncertainty	pCi/g	0.0172		0.0234	
Europium-152	pCi/g	0.0694	U	0.0779	U
Europium-152 Uncertainty	pCi/g	0.0442		0.0412	
Europium-154	pCi/g	0.0312	U	0.0894	U
Europium-154 Uncertainty	pCi/g	0.0247		0.0545	
Europium-155	pCi/g	0.0693	U	0.0717	U
Europium-155 Uncertainty	pCi/g	0.0371		0.0381	
Iridium-192	pCi/g	0.047	U	0.0573	U
Iridium-192 Uncertainty	pCi/g	0.0271		0.0295	
Iron-59	pCi/g	0.153	U	0.201	U
Iron-59 Uncertainty	pCi/g	0.0851		0.117	
Lead-210	pCi/g	2	U	0.38	
Lead-210 Uncertainty	pCi/g	1.12		0.323	
Lead-212	pCi/g	0.0764		0.0688	U
Lead-212 Uncertainty	pCi/g	0.0486		0.0493	

Table 3: Locations BG-2 and BG-5 Soil Sample Radionuclide Results

Radionuclides	Units	BG-2	Remark	BG-5	Remark
Lead-214	pCi/g	0.124		0.0897	U
Lead-214 Uncertainty	pCi/g	0.0718		0.0583	
Manganese-54	pCi/g	0.0305	U	0.0261	U
Manganese-54 Uncertainty	pCi/g	0.0181		0.0166	
Mercury-203	pCi/g	0.0748	U	0.0761	U
Mercury-203 Uncertainty	pCi/g	0.0409		0.043	
Neodymium-147	pCi/g	21	U	25	U
Neodymium-147 Uncertainty	pCi/g	12.6		14.3	
Neptunium-239	pCi/g	0.288	U	0.275	U
Neptunium-239 Uncertainty	pCi/g	0.147		0.147	
Niobium-94	pCi/g	0.0288	U	0.0369	U
Niobium-94 Uncertainty	pCi/g	0.017		0.0202	
Niobium-95	pCi/g	0.0593	U	0.0673	U
Niobium-95 Uncertainty	pCi/g	0.0323		0.0413	
Potassium-40	pCi/g	0.4	U	0.411	U
Potassium-40 Uncertainty	pCi/g	0.223		0.241	
Promethium-144	pCi/g	0.0285	U	0.0364	U
Promethium-144 Uncertainty	pCi/g	0.0184		0.0239	
Promethium-146	pCi/g	0.0317	U	0.0397	U
Promethium-146 Uncertainty	pCi/g	0.0171		0.0247	
Radium-228	pCi/g	0.0939	UJ	0.171	U
Radium-228 Uncertainty	pCi/g	0.0794		0.101	
Ruthenium-106	pCi/g	0.278	U	0.304	U
Ruthenium-106 Uncertainty	pCi/g	0.146		0.198	
Silver-110m	pCi/g	0.0415	U	0.069	U
Silver-110m Uncertainty	pCi/g	0.0233		0.034	
Sodium-22	pCi/g	0.0107	U	0.0321	U
Sodium-22 Uncertainty	pCi/g	0.00886		0.0197	
Thallium-208	pCi/g	0.0484		0.0306	U

Table 3: Locations BG-2 and BG-5 Soil Sample Radionuclide Results

Radionuclides	Units	BG-2	Remark	BG-5	Remark
Thallium-208 Uncertainty	pCi/g	0.0263		0.0261	
Thorium-234	pCi/g	0.842	U	0.565	U
Thorium-234 Uncertainty	pCi/g	0.468		0.27	
Tin-113	pCi/g	0.0534	U	0.0531	U
Tin-113 Uncertainty	pCi/g	0.0287		0.0302	
Uranium-235	pCi/g	0.156	U	0.133	U
Uranium-235 Uncertainty	pCi/g	0.0866		0.0852	
Uranium-238	pCi/g	0.842	U	0.565	U
Uranium-238 Uncertainty	pCi/g	0.468		0.27	
Yttrium-88	pCi/g	0.036	U	0.0256	U
Yttrium-88 Uncertainty	pCi/g	0.0239		0.0189	
Zinc-65	pCi/g	0.0758	U	0.0976	U
Zinc-65 Uncertainty	pCi/g	0.0493		0.0594	
Zirconium-95	pCi/g	0.0885	U	0.103	U
Zirconium-95 Uncertainty	pCi/g	0.065		0.0702	

BG-3

**Table 1: Summary of Residential SCTL Exceedances in Soil Samples Collected from BG-3
March/April 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation**

Analyte	Residential SCTL	BG-3
<i>Exceedances</i>		
None		

SCTL=Soil Cleanup Target Level

ND=Non Detect

NA=Not Analyzed

Yellow Shading=Exceedance of SCTL

ng/Kg= nanogram per Kilogram

mg/Kg=milligram per Kilogram

Table 2: Location BG-3 Soil Sample Analytical Results

Volatile Organic Compounds	Units	BG-3	MDL	Remark
1,1,1-Trichloroethane	ug/kg	4.4	4.4	U
1,1,2,2-Tetrachloroethane	ug/kg	11	11	UJ
1,1,2-Trichloroethane	ug/kg	4.4	4.4	U
1,1-Dichloroethane	ug/kg	4.4	4.4	U
1,1-Dichloroethene	ug/kg	11	11	U
1,2-Dichlorobenzene	ug/kg	11	11	U
1,2-Dichloroethane	ug/kg	4.4	4.4	U
1,2-Dichloropropane	ug/kg	11	11	U
1,3-Dichlorobenzene	ug/kg	11	11	U
1,4-Dichlorobenzene	ug/kg	11	11	U
2-Butanone	ug/kg	110	110	U
2-Chloroethylvinyl ether	ug/kg	11	11	U
Benzene	ug/kg	4.4	4.4	U
Bromodichloromethane	ug/kg	4.4	4.4	U
Bromoform	ug/kg	11	11	U
Bromomethane	ug/kg	11	11	U
Carbon tetrachloride	ug/kg	4.4	4.4	U
Chlorobenzene	ug/kg	4.4	4.4	U
Chloroethane	ug/kg	11	11	U
Chloroform	ug/kg	4.4	4.4	U
Chloromethane	ug/kg	11	11	U
cis-1,2-Dichloroethene	ug/kg	11	11	U
cis-1,3-Dichloropropene	ug/kg	11	11	UJ
Dibromochloromethane	ug/kg	4.4	4.4	U
Ethylbenzene	ug/kg	11	11	U
m,p-Xylene	ug/kg	11	11	U
Methylene chloride	ug/kg	11	11	U
Methyl-t-butyl ether	ug/kg	11	11	U
o-Xylene	ug/kg	4.4	4.4	U

Table 2: Location BG-3 Soil Sample Analytical Results

Volatile Organic Compounds	Units	BG-3	MDL	Remark
Tetrachloroethene	ug/kg	11	11	U
Toluene	ug/kg	11	11	U
trans-1,2-Dichloroethene	ug/kg	11	11	U
trans-1,3-Dichloropropene	ug/kg	4.4	4.4	U
Trichloroethene	ug/kg	4.4	4.4	UJ
Trichlorofluoromethane	ug/kg	11	11	U
Vinyl chloride	ug/kg	11	11	U
Semi-Volatile Organic Compounds	Units	BG-3	MDL	Remark
1,2,4-Trichlorobenzene	ug/kg	200	200	U
1-Methylnaphthalene	ug/kg	24	7.3	I
1-Methylphenanthrene	ug/kg	7.3	7.3	U
2,3,5-Trimethylnaphthalene	ug/kg	7.3	7.3	UQ
2,4,6-Trichlorophenol	ug/kg	66	66	U
2,4-Dichlorophenol	ug/kg	66	66	U
2,4-Dimethylphenol	ug/kg	390	390	U
2,4-Dinitrophenol	ug/kg	390	390	U
2,4-Dinitrotoluene	ug/kg	66	66	U
2,6-Dimethylnaphthalene	ug/kg	59	7.3	
2,6-Dinitrotoluene	ug/kg	66	66	U
2-Chloronaphthalene	ug/kg	66	66	U
2-Chlorophenol	ug/kg	200	200	U
2-Methyl-4,6-dinitrophenol	ug/kg	66	66	UJ
2-Methylnaphthalene	ug/Kg	46	7.3	
2-Nitrophenol	ug/kg	66	66	U
3,3'-Dichlorobenzidine	ug/kg	3900	3900	U
4-Bromophenyl phenyl ether	ug/kg	66	66	U
4-Chloro-3-methylphenol	ug/kg	66	66	U
4-Chlorophenyl phenyl ether	ug/kg	66	66	U
4-Nitrophenol	ug/kg	66	66	U

Table 2: Location BG-3 Soil Sample Analytical Results

Semi-Volatile Organic Compounds	Units	BG-3	MDL	Remark
Acenaphthene	ug/kg	7.3	7.3	U
Acenaphthylene	ug/kg	7.3	7.3	U
Anthracene	ug/kg	7.3	7.3	U
Azobenzene/1,2-Diphenylhydrazine	ug/kg	66	66	U
Benzidine	ug/kg	1300	1300	U
Benzo(a)anthracene	ug/kg	7.3	7.3	U
Benzo(a)pyrene	ug/kg	7.3	7.3	U
Benzo(b)fluoranthene	ug/kg	7.3	7.3	U
Benzo(g,h,i)perylene	ug/kg	7.3	7.3	U
Benzo(k)fluoranthene	ug/kg	7.3	7.3	U
Biphenyl	ug/kg	7.3	7.3	U
Bis(2-chloroethoxy)methane	ug/kg	66	66	U
Bis(2-chloroethyl)ether	ug/kg	66	66	U
Bis(2-chloroisopropyl)ether	ug/kg	66	66	U
Bis(2-ethylhexyl)phthalate	ug/kg	390	390	UQ
Butyl benzyl phthalate	ug/kg	66	66	U
Chrysene	ug/kg	7.3	7.3	U
Dibenzo(a,h)anthracene	ug/kg	7.3	7.3	U
Dibenzothiophene	ug/kg	7.3	7.3	U
Diethyl phthalate	ug/kg	66	66	U
Dimethyl phthalate	ug/kg	66	66	U
Di-n-butyl phthalate	ug/kg	390	390	UJ
Di-n-octyl phthalate	ug/kg	66	66	UJ
Fluoranthene	ug/kg	7.3	7.3	U
Fluorene	ug/kg	7.3	7.3	U
Hexachlorobenzene	ug/kg	66	66	U
Hexachlorobutadiene	ug/kg	200	200	U
Hexachlorocyclopentadiene	ug/kg	66	66	U
Hexachloroethane	ug/kg	200	200	U

Table 2: Location BG-3 Soil Sample Analytical Results

Semi-Volatile Organic Compounds	Units	BG-3	MDL	Remark
Indeno(1,2,3-cd)pyrene	ug/kg	7.3	7.3	U
Isophorone	ug/kg	66	66	U
Naphthalene	ug/kg	7.3	7.3	U
Nitrobenzene	ug/kg	66	66	U
N-Nitrosodimethylamine	ug/kg	390	390	U
N-Nitrosodi-n-propylamine	ug/kg	66	66	U
N-Nitrosodiphenylamine/ Diphenylamine	ug/kg	66	66	U
Pentachlorophenol	ug/kg	66	66	U
Phenanthrene	ug/kg	7.3	7.3	UJQ
Phenol	ug/kg	66	66	U
Pyrene	ug/kg	7.3	7.3	U
TRPH	mg/kg	11	11	I
Pesticides/Herbicides/PCBs	Units	BG-3	MDL	Remark
2,4,5-T	ug/kg	7.1	7.1	U
2,4-D	ug/kg	7.1	7.1	U
3-Hydroxycarbofuran	ug/kg	0.54	0.54	UJ
Acifluorfen	ug/kg	7.1	7.1	U
Aldicarb	ug/kg	0.54	0.54	UJ
Aldicarb Sulfone	ug/kg	0.54	0.54	UJ
Aldicarb Sulfoxide	ug/kg	0.54	0.54	UJ
Carbaryl	ug/kg	0.54	0.54	UJ
Carbofuran	ug/kg	0.54	0.54	UJ
Diuron	ug/kg	6.5	6.5	U
Imidacloprid	ug/kg	6.5	6.5	U
Linuron	ug/kg	6.5	6.5	U
Methiocarb	ug/kg	0.54	0.54	UJ
Methomyl	ug/kg	0.54	0.54	UJ
Oxamyl	ug/kg	0.54	0.54	UJ
Propoxur	ug/kg	0.54	0.54	UJ

Table 2: Location BG-3 Soil Sample Analytical Results

Pesticides/Herbicides/PCBs	Units	BG-3	MDL	Remark
Silvex	ug/kg	7.1	7.1	U
Alachlor	ug/kg	11	11	U
Aldrin	ug/Kg	0.36	0.36	U
Alpha-BHC	ug/Kg	0.36	0.36	U
Ametryn	ug/kg	1.8	1.8	U
Atrazine	ug/kg	1.8	1.8	U
Azinphos Methyl	ug/kg	5.5	5.5	U
Beta-BHC	ug/Kg	0.36	0.36	U
Bromacil	ug/kg	7.3	7.3	U
Chlordane	ug/Kg	5.5	5.5	U
Chlorpyrifos Ethyl	ug/kg	1.8	1.8	U
Chlorpyrifos Methyl	ug/kg	3.6	3.6	U
DDD-p,p'	ug/Kg	0.73	0.73	U
DDE-p,p'	ug/Kg	0.73	0.73	U
DDT-p,p'	ug/Kg	1.1	1.1	U
Delta-BHC	ug/Kg	0.73	0.73	U
Diazinon	ug/kg	1.8	1.8	U
Dieldrin	ug/Kg	0.36	0.36	U
Endosulfan I	ug/Kg	0.36	0.36	U
Endosulfan II	ug/Kg	0.36	0.36	U
Endosulfan Sulfate	ug/Kg	6.7	6.7	U
Endrin	ug/Kg	1.8	1.8	U
Endrin Aldehyde	ug/Kg	0.73	0.73	U
Ethion	ug/kg	1.8	1.8	U
Ethoprop	ug/kg	1.8	1.8	U
Fenamiphos	ug/kg	7.3	7.3	UJ
Fonofos	ug/kg	1.8	1.8	U
Gamma-BHC	ug/Kg	0.36	0.36	U
Heptachlor	ug/Kg	0.36	0.36	U

Table 2: Location BG-3 Soil Sample Analytical Results

Pesticides/Herbicides/PCBs	Units	BG-3	MDL	Remark
Heptachlor Epoxide	ug/kg	0.36	0.36	U
Hexazinone	ug/kg	3.6	3.6	U
Malathion	ug/kg	3.6	3.6	U
Methamidophos	ug/kg	18	18	UJ
Methoxychlor	ug/kg	1.8	1.8	U
Metolachlor	ug/kg	11	11	U
Metribuzin	ug/kg	3.6	3.6	U
Mevinphos	ug/kg	7.3	7.3	U
Monocrotophos	ug/kg	18	18	UJ
Naled	ug/kg	15	15	U
Norflurazon	ug/kg	3.6	3.6	U
Parathion Ethyl	ug/kg	3.6	3.6	U
Parathion Methyl	ug/kg	3.6	3.6	U
PCB-1016	ug/Kg	11	11	U
PCB-1221	ug/Kg	7.3	7.3	U
PCB-1232	ug/Kg	16	16	U
PCB-1242	ug/Kg	11	11	U
PCB-1248	ug/Kg	7.3	7.3	U
PCB-1254	ug/Kg	7.3	7.3	U
PCB-1260	ug/Kg	11	11	U
Phorate	ug/kg	1.8	1.8	U
Prometryn	ug/kg	3.6	3.6	U
Simazine	ug/kg	1.8	1.8	U
Toxaphene	ug/Kg	27	27	U
Diquat	mg/Kg	0.051	0.051	U
Paraquat	mg/Kg	0.063	0.063	U
Metals	Units	BG-3	MDL	Remark
Mercury	mg/Kg	0.01	0.0041	I
Antimony	mg/Kg	0.14	0.14	U

Table 2: Location BG-3 Soil Sample Analytical Results

Metals	Units	BG-3	MDL	Remark
Arsenic	mg/Kg	0.56	0.054	
Barium	mg/Kg	3.05	0.054	
Beryllium	mg/Kg	0.052	0.022	I
Cadmium	mg/Kg	0.027	0.027	U
Chromium	mg/Kg	1.93	0.14	
Cobalt	mg/Kg	0.155	0.011	
Copper	mg/Kg	0.56	0.14	
Lead	mg/Kg	3.08	0.2	
Nickel	mg/Kg	0.68	0.14	
Selenium	mg/Kg	0.19	0.081	I
Silver	mg/Kg	0.0068	0.0068	UJ
Thallium	mg/Kg	0.027	0.027	U
Zinc	mg/Kg	1.9	1.1	I
Dioxins/Furans	Units	BG-3	MDL	Remark
1,2,3,4,6,7,8-HpCDD	ng/Kg	2.45	2.79	IV
1,2,3,4,6,7,8-HpCDF	ng/Kg	0.561	2.79	I
1,2,3,4,7,8,9-HpCDF	ng/Kg	0.159	2.79	U
1,2,3,4,7,8-HxCDD	ng/Kg	0.12	2.79	U
1,2,3,4,7,8-HxCDF	ng/Kg	0.0949	2.79	U
1,2,3,6,7,8-HxCDD	ng/Kg	0.119	2.79	U
1,2,3,6,7,8-HxCDF	ng/Kg	0.099	2.79	U
1,2,3,7,8,9-HxCDD	ng/Kg	0.12	2.79	U
1,2,3,7,8,9-HxCDF	ng/Kg	0.123	2.79	U
1,2,3,7,8-PeCDD	ng/Kg	0.121	2.79	U
1,2,3,7,8-PeCDF	ng/Kg	0.104	2.79	U
2,3,4,6,7,8-HxCDF	ng/Kg	0.105	2.79	U
2,3,4,7,8-PeCDF	ng/Kg	0.102	2.79	U
2,3,7,8-TCDD	ng/Kg	0.176	1.12	U
2,3,7,8-TCDF	ng/Kg	0.155	1.12	U

Table 2: Location BG-3 Soil Sample Analytical Results

Dioxins/Furans	Units	BG-3	MDL	Remark
OCDD	ng/Kg	15.7	5.58	V
OCDF	ng/Kg	0.647	5.58	IV
Total Hepta-Dioxins	ng/Kg	4.86	2.79	
Total Hepta-Furans	ng/Kg	0.86	2.79	I
Total Hexa-Dioxins	ng/Kg	0.882	2.79	I
Total Hexa-Furans	ng/Kg	0.356	2.79	I
Total Penta-Dioxins	ng/Kg	0.121	2.79	U
Total Penta-Furans	ng/Kg	1.43	2.79	I
Total Tetra-Dioxins	ng/Kg	0.176	1.12	U
Total Tetra-Furans	ng/Kg	1.51	1.12	
TEQ	Ng/Kg	0.256		

256: Yellow shading indicates analyte was detected at a concentration above a Residential Soil Cleanup Target Level.

Table 3: Location BG-3 Soil Sample Radionuclide Results

Radionuclides	Units	BG-3	Remark
Actinium-228	pCi/g	0.135	UJ
Actinium-228 Uncertainty	pCi/g	0.0777	
Alpha Uncertainty	pCi/g	2.08	
Alpha, Total	pCi/g	3.08	U
Americium-241	pCi/g	0.152	U
Americium-241 Uncertainty	pCi/g	0.0788	
Antimony-124	pCi/g	0.116	U
Antimony-124 Uncertainty	pCi/g	0.0679	
Antimony-125	pCi/g	0.0679	U
Antimony-125 Uncertainty	pCi/g	0.0386	
Barium-133	pCi/g	0.0295	U
Barium-133 Uncertainty	pCi/g	0.02	
Barium-140	pCi/g	3.69	U
Barium-140 Uncertainty	pCi/g	2.23	
Beryllium-7	pCi/g	0.474	U
Beryllium-7 Uncertainty	pCi/g	0.261	
Beta Uncertainty	pCi/g	2.17	
Beta, Total	pCi/g	3.47	
Bismuth-212	pCi/g	0.42	U
Bismuth-212 Uncertainty	pCi/g	0.234	
Bismuth-214	pCi/g	0.0902	UJ
Bismuth-214 Uncertainty	pCi/g	0.0531	
Cerium-139	pCi/g	0.0316	U
Cerium-139 Uncertainty	pCi/g	0.0161	
Cerium-141	pCi/g	0.156	U
Cerium-141 Uncertainty	pCi/g	0.0867	
Cerium-144	pCi/g	0.176	U
Cerium-144 Uncertainty	pCi/g	0.098	
Cesium-134	pCi/g	0.0287	U

Table 3: Location BG-3 Soil Sample Radionuclide Results

Radionuclides	Units	BG-3	Remark
Cesium-134 Uncertainty	pCi/g	0.0171	
Cesium-136	pCi/g	1.37	U
Cesium-136 Uncertainty	pCi/g	0.82	
Cesium-137	pCi/g	0.157	
Cesium-137 Uncertainty	pCi/g	0.0375	
Chromium-51	pCi/g	0.97	U
Chromium-51 Uncertainty	pCi/g	0.586	
Cobalt-56	pCi/g	0.0437	U
Cobalt-56 Uncertainty	pCi/g	0.0245	
Cobalt-57	pCi/g	0.0213	U
Cobalt-57 Uncertainty	pCi/g	0.0122	
Cobalt-58	pCi/g	0.0453	U
Cobalt-58 Uncertainty	pCi/g	0.0258	
Cobalt-60	pCi/g	0.0251	U
Cobalt-60 Uncertainty	pCi/g	0.0153	
Europium-152	pCi/g	0.0699	U
Europium-152 Uncertainty	pCi/g	0.0432	
Europium-154	pCi/g	0.0561	U
Europium-154 Uncertainty	pCi/g	0.0363	
Europium-155	pCi/g	0.0831	U
Europium-155 Uncertainty	pCi/g	0.0443	
Iridium-192	pCi/g	0.0393	U
Iridium-192 Uncertainty	pCi/g	0.0236	
Iron-59	pCi/g	0.135	U
Iron-59 Uncertainty	pCi/g	0.0762	
Lead-210	pCi/g	4.77	U
Lead-210 Uncertainty	pCi/g	2.41	
Lead-212	pCi/g	0.162	
Lead-212 Uncertainty	pCi/g	0.0398	

Table 3: Location BG-3 Soil Sample Radionuclide Results

Radionuclides	Units	BG-3	Remark
Lead-214	pCi/g	0.208	
Lead-214 Uncertainty	pCi/g	0.0556	
Manganese-54	pCi/g	0.0289	U
Manganese-54 Uncertainty	pCi/g	0.017	
Mercury-203	pCi/g	0.0656	U
Mercury-203 Uncertainty	pCi/g	0.0367	
Neodymium-147	pCi/g	14.2	U
Neodymium-147 Uncertainty	pCi/g	7.62	
Neptunium-239	pCi/g	0.301	U
Neptunium-239 Uncertainty	pCi/g	0.168	
Niobium-94	pCi/g	0.0209	U
Niobium-94 Uncertainty	pCi/g	0.0132	
Niobium-95	pCi/g	0.0577	U
Niobium-95 Uncertainty	pCi/g	0.0304	
Potassium-40	pCi/g	0.313	
Potassium-40 Uncertainty	pCi/g	0.217	
Promethium-144	pCi/g	0.0319	U
Promethium-144 Uncertainty	pCi/g	0.0161	
Promethium-146	pCi/g	0.0271	U
Promethium-146 Uncertainty	pCi/g	0.0161	
Radium-228	pCi/g	0.135	UJ
Radium-228 Uncertainty	pCi/g	0.0777	
Ruthenium-106	pCi/g	0.242	U
Ruthenium-106 Uncertainty	pCi/g	0.135	
Silver-110m	pCi/g	0.0357	U
Silver-110m Uncertainty	pCi/g	0.0211	
Sodium-22	pCi/g	0.0207	U
Sodium-22 Uncertainty	pCi/g	0.0132	
Thallium-208	pCi/g	0.0463	

Table 3: Location BG-3 Soil Sample Radionuclide Results

Radionuclides	Units	BG-3	Remark
Thallium-208 Uncertainty	pCi/g	0.0301	
Thorium-234	pCi/g	1.3	U
Thorium-234 Uncertainty	pCi/g	0.721	
Tin-113	pCi/g	0.0468	U
Tin-113 Uncertainty	pCi/g	0.0263	
Uranium-235	pCi/g	0.153	U
Uranium-235 Uncertainty	pCi/g	0.0902	
Uranium-238	pCi/g	1.3	U
Uranium-238 Uncertainty	pCi/g	0.721	
Yttrium-88	pCi/g	0.0443	U
Yttrium-88 Uncertainty	pCi/g	0.0244	
Zinc-65	pCi/g	0.055	U
Zinc-65 Uncertainty	pCi/g	0.0398	
Zirconium-95	pCi/g	0.0833	U
Zirconium-95 Uncertainty	pCi/g	0.0489	

BG-4

**Table 1: Summary of Residential SCTL Exceedances in Soil Samples Collected from BG-4
March/April 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation**

Analyte	Residential SCTL	BG-4
<i>Exceedances</i>		
None		

SCTL=Soil Cleanup Target Level

ND=Non Detect

NA=Not Analyzed

Yellow Shading=Exceedance of SCTL

ng/Kg= nanogram per Kilogram

mg/Kg=milligram per Kilogram

Table 2: Location BG-4 Soil Sample Analytical Results

Volatile Organic Compounds	Units	BG-4	MDL	Remark
1,1,1-Trichloroethane	ug/kg	4.7	4.7	U
1,1,1,2-Tetrachloroethane	ug/kg	12	12	UJ
1,1,2-Trichloroethane	ug/kg	4.7	4.7	U
1,1-Dichloroethane	ug/kg	4.7	4.7	U
1,1-Dichloroethene	ug/kg	12	12	U
1,2-Dichlorobenzene	ug/kg	12	12	U
1,2-Dichloroethane	ug/kg	4.7	4.7	U
1,2-Dichloropropane	ug/kg	12	12	U
1,3-Dichlorobenzene	ug/kg	12	12	U
1,4-Dichlorobenzene	ug/kg	12	12	U
2-Butanone	ug/kg	120	120	U
2-Chloroethylvinyl ether	ug/kg	12	12	U
Benzene	ug/kg	4.7	4.7	U
Bromodichloromethane	ug/kg	4.7	4.7	U
Bromoform	ug/kg	12	12	U
Bromomethane	ug/kg	12	12	U
Carbon tetrachloride	ug/kg	4.7	4.7	U
Chlorobenzene	ug/kg	4.7	4.7	U
Chloroethane	ug/kg	12	12	U
Chloroform	ug/kg	4.7	4.7	U
Chloromethane	ug/kg	12	12	U
cis-1,2-Dichloroethene	ug/kg	12	12	U
cis-1,3-Dichloropropene	ug/kg	12	12	UJ
Dibromochloromethane	ug/kg	4.7	4.7	U
Ethylbenzene	ug/kg	12	12	U
m,p-Xylene	ug/kg	12	12	U
Methylene chloride	ug/kg	12	12	U
Methyl-t-butyl ether	ug/kg	12	12	U
o-Xylene	ug/kg	4.7	4.7	U

Table 2: Location BG-4 Soil Sample Analytical Results

Volatile Organic Compounds	Units	BG-4	MDL	Remark
Tetrachloroethene	ug/kg	12	12	U
Toluene	ug/kg	12	12	U
trans-1,2-Dichloroethene	ug/kg	12	12	U
trans-1,3-Dichloropropene	ug/kg	4.7	4.7	U
Trichloroethene	ug/kg	4.7	4.7	UJ
Trichlorofluoromethane	ug/kg	12	12	U
Vinyl chloride	ug/kg	12	12	U
Semi-Volatile Organic Compounds	Units	BG-4	MDL	Remark
1,2,4-Trichlorobenzene	ug/kg	190	190	U
1-Methylnaphthalene	ug/kg	6.9	6.9	U
1-Methylphenanthrene	ug/kg	6.9	6.9	U
2,3,5-Trimethylnaphthalene	ug/kg	6.9	6.9	U
2,4,6-Trichlorophenol	ug/kg	63	63	U
2,4-Dichlorophenol	ug/kg	63	63	U
2,4-Dimethylphenol	ug/kg	380	380	U
2,4-Dinitrophenol	ug/kg	380	380	U
2,4-Dinitrotoluene	ug/kg	63	63	U
2,6-Dimethylnaphthalene	ug/kg	6.9	6.9	U
2,6-Dinitrotoluene	ug/kg	63	63	U
2-Chloronaphthalene	ug/kg	63	63	U
2-Chlorophenol	ug/kg	190	190	U
2-Methyl-4,6-dinitrophenol	ug/kg	63	63	UJ
2-Methylnaphthalene	ug/Kg	6.9	6.9	U
2-Nitrophenol	ug/kg	63	63	U
3,3'-Dichlorobenzidine	ug/kg	3800	3800	U
4-Bromophenyl phenyl ether	ug/kg	63	63	U
4-Chloro-3-methylphenol	ug/kg	63	63	U
4-Chlorophenyl phenyl ether	ug/kg	63	63	U
4-Nitrophenol	ug/kg	63	63	U

Table 2: Location BG-4 Soil Sample Analytical Results

Semi-Volatile Organic Compounds	Units	BG-4	MDL	Remark
Acenaphthene	ug/kg	6.9	6.9	U
Acenaphthylene	ug/kg	6.9	6.9	U
Anthracene	ug/kg	6.9	6.9	U
Azobenzene/1,2-Diphenylhydrazine	ug/kg	63	63	U
Benzidine	ug/kg	1300	1300	U
Benzo(a)anthracene	ug/kg	6.9	6.9	U
Benzo(a)pyrene	ug/kg	6.9	6.9	U
Benzo(b)fluoranthene	ug/kg	6.9	6.9	U
Benzo(g,h,i)perylene	ug/kg	6.9	6.9	U
Benzo(k)fluoranthene	ug/kg	6.9	6.9	U
Biphenyl	ug/kg	6.9	6.9	U
Bis(2-chloroethoxy)methane	ug/kg	63	63	U
Bis(2-chloroethyl)ether	ug/kg	63	63	U
Bis(2-chloroisopropyl)ether	ug/kg	63	63	U
Bis(2-ethylhexyl)phthalate	ug/kg	380	380	UQ
Butyl benzyl phthalate	ug/kg	63	63	UQ
Chrysene	ug/kg	6.9	6.9	U
Dibenzo(a,h)anthracene	ug/kg	6.9	6.9	U
Dibenzothiophene	ug/kg	6.9	6.9	U
Diethyl phthalate	ug/kg	63	63	U
Dimethyl phthalate	ug/kg	63	63	U
Di-n-butyl phthalate	ug/kg	380	380	UJ
Di-n-octyl phthalate	ug/kg	63	63	UJ
Fluoranthene	ug/kg	6.9	6.9	U
Fluorene	ug/kg	6.9	6.9	U
Hexachlorobenzene	ug/kg	63	63	U
Hexachlorobutadiene	ug/kg	190	190	U
Hexachlorocyclopentadiene	ug/kg	63	63	U
Hexachloroethane	ug/kg	190	190	U

Table 2: Location BG-4 Soil Sample Analytical Results

Semi-Volatile Organic Compounds	Units	BG-4	MDL	Remark
Indeno(1,2,3-cd)pyrene	ug/kg	6.9	6.9	U
Isophorone	ug/kg	63	63	U
Naphthalene	ug/kg	6.9	6.9	U
Nitrobenzene	ug/kg	63	63	U
N-Nitrosodimethylamine	ug/kg	380	380	U
N-Nitrosodi-n-propylamine	ug/kg	63	63	U
N-Nitrosodiphenylamine/ Diphenylamine	ug/kg	63	63	U
Pentachlorophenol	ug/kg	63	63	U
Phenanthrene	ug/kg	6.9	6.9	U
Phenol	ug/kg	63	63	U
Pyrene	ug/kg	6.9	6.9	U
TRPH	mg/kg	23	11	I
Pesticides/Herbicides/PCBs	Units	BG-4	MDL	Remark
2,4,5-T	ug/kg	6.8	6.8	U
2,4-D	ug/kg	6.8	6.8	UJ
3-Hydroxycarbofuran	ug/kg	0.52	0.52	UJ
Acifluorfen	ug/kg	6.8	6.8	UJ
Aldicarb	ug/kg	0.52	0.52	UJ
Aldicarb Sulfone	ug/kg	0.52	0.52	UJ
Aldicarb Sulfoxide	ug/kg	0.52	0.52	UJ
Carbaryl	ug/kg	0.52	0.52	UJ
Carbofuran	ug/kg	0.52	0.52	UJ
Diuron	ug/kg	6.2	6.2	U
Imidacloprid	ug/kg	6.2	6.2	U
Linuron	ug/kg	6.2	6.2	U
Methiocarb	ug/kg	0.52	0.52	UJ
Methomyl	ug/kg	0.52	0.52	UJ
Oxamyl	ug/kg	0.52	0.52	UJ
Propoxur	ug/kg	0.52	0.52	UJ

Table 2: Location BG-4 Soil Sample Analytical Results

Pesticides/Herbicides/PCBs	Units	BG-4	MDL	Remark
Silvex	ug/kg	6.8	6.8	U
Alachlor	ug/kg	10	10	U
Aldrin	ug/Kg	0.35	0.35	U
Alpha-BHC	ug/Kg	0.35	0.35	U
Ametryn	ug/kg	1.7	1.7	U
Atrazine	ug/kg	1.7	1.7	U
Azinphos Methyl	ug/kg	5.2	5.2	U
Beta-BHC	ug/Kg	0.35	0.35	U
Bromacil	ug/kg	6.9	6.9	U
Chlordane	ug/Kg	5.2	5.2	U
Chlorpyrifos Ethyl	ug/kg	1.7	1.7	U
Chlorpyrifos Methyl	ug/kg	3.5	3.5	U
DDD-p,p'	ug/Kg	0.69	0.69	U
DDE-p,p'	ug/Kg	0.69	0.69	U
DDT-p,p'	ug/Kg	1	1	U
Delta-BHC	ug/Kg	0.69	0.69	U
Diazinon	ug/kg	1.7	1.7	U
Dieldrin	ug/Kg	0.35	0.35	U
Endosulfan I	ug/Kg	0.35	0.35	U
Endosulfan II	ug/Kg	0.35	0.35	U
Endosulfan Sulfate	ug/Kg	0.69	0.69	U
Endrin	ug/Kg	1.7	1.7	U
Endrin Aldehyde	ug/Kg	0.69	0.69	U
Ethion	ug/kg	1.7	1.7	U
Ethoprop	ug/kg	1.7	1.7	U
Fenamiphos	ug/kg	6.9	6.9	UJ
Fonofos	ug/kg	1.7	1.7	U
Gamma-BHC	ug/Kg	0.35	0.35	U
Heptachlor	ug/Kg	0.35	0.35	U

Table 2: Location BG-4 Soil Sample Analytical Results

Pesticides/Herbicides/PCBs	Units	BG-4	MDL	Remark
Heptachlor Epoxide	ug/kg	0.35	0.35	U
Hexazinone	ug/kg	3.5	3.5	U
Malathion	ug/kg	3.5	3.5	U
Methamidophos	ug/kg	17	17	UJ
Methoxychlor	ug/kg	1.7	1.7	U
Metolachlor	ug/kg	10	10	U
Metribuzin	ug/kg	3.5	3.5	U
Mevinphos	ug/kg	6.9	6.9	U
Monocrotophos	ug/kg	17	17	UJ
Naled	ug/kg	14	14	U
Norflurazon	ug/kg	3.5	3.5	U
Parathion Ethyl	ug/kg	3.5	3.5	U
Parathion Methyl	ug/kg	3.5	3.5	U
PCB-1016	ug/Kg	10	10	U
PCB-1221	ug/Kg	6.9	6.9	U
PCB-1232	ug/Kg	16	16	U
PCB-1242	ug/Kg	10	10	U
PCB-1248	ug/Kg	6.9	6.9	U
PCB-1254	ug/Kg	6.9	6.9	U
PCB-1260	ug/Kg	10	10	U
Phorate	ug/kg	1.7	1.7	U
Prometryn	ug/kg	3.5	3.5	U
Simazine	ug/kg	1.7	1.7	U
Toxaphene	ug/Kg	26	26	U
Diquat	mg/Kg	0.042	0.042	U
Paraquat	mg/Kg	0.052	0.052	U
Metals	Units	BG-4	MDL	Remark
Mercury	mg/Kg	0.0052	0.0033	I
Antimony	mg/Kg	0.13	0.13	U

Table 2: Location BG-4 Soil Sample Analytical Results

Metals	Units	BG-4	MDL	Remark
Arsenic	mg/Kg	0.083	0.052	I
Barium	mg/Kg	1.19	0.052	
Beryllium	mg/Kg	0.021	0.021	U
Cadmium	mg/Kg	0.026	0.026	U
Chromium	mg/Kg	0.56	0.13	
Cobalt	mg/Kg	0.053	0.01	
Copper	mg/Kg	0.27	0.13	I
Lead	mg/Kg	2.32	0.2	
Nickel	mg/Kg	0.25	0.13	I
Selenium	mg/Kg	0.078	0.078	U
Silver	mg/Kg	0.0065	0.0065	UJ
Thallium	mg/Kg	0.026	0.026	U
Zinc	mg/Kg	1.5	1	I
Dioxins/Furans	Units	BG-4	MDL	Remark
1,2,3,4,6,7,8-HpCDD	ng/Kg	1.51	2.85	IV
1,2,3,4,6,7,8-HpCDF	ng/Kg	0.422	2.85	I
1,2,3,4,7,8,9-HpCDF	ng/Kg	0.154	2.85	U
1,2,3,4,7,8-HxCDD	ng/Kg	0.0889	2.85	U
1,2,3,4,7,8-HxCDF	ng/Kg	0.0784	2.85	U
1,2,3,6,7,8-HxCDD	ng/Kg	0.0881	2.85	U
1,2,3,6,7,8-HxCDF	ng/Kg	0.0819	2.85	U
1,2,3,7,8,9-HxCDD	ng/Kg	0.0892	2.85	U
1,2,3,7,8,9-HxCDF	ng/Kg	0.102	2.85	U
1,2,3,7,8-PeCDD	ng/Kg	0.105	2.85	U
1,2,3,7,8-PeCDF	ng/Kg	0.0843	2.85	U
2,3,4,6,7,8-HxCDF	ng/Kg	0.0865	2.85	U
2,3,4,7,8-PeCDF	ng/Kg	0.0828	2.85	U
2,3,7,8-TCDD	ng/Kg	0.217	1.14	U
2,3,7,8-TCDF	ng/Kg	0.16	1.14	U

Table 2: Location BG-4 Soil Sample Analytical Results

Dioxins/Furans	Units	BG-4	MDL	Remark
OCDD	ng/Kg	10.9	5.71	V
OCDF	ng/Kg	0.495	5.71	IV
Total Hepta-Dioxins	ng/Kg	2.45	2.85	I
Total Hepta-Furans	ng/Kg	0.644	2.85	I
Total Hexa-Dioxins	ng/Kg	0.761	2.85	I
Total Hexa-Furans	ng/Kg	0.0819	2.85	U
Total Penta-Dioxins	ng/Kg	0.176	2.85	I
Total Penta-Furans	ng/Kg	0.0828	2.85	U
Total Tetra-Dioxins	ng/Kg	0.217	1.14	U
Total Tetra-Furans	ng/Kg	0.326	1.14	I
TEQ	Ng/Kg	0.244		

256: Yellow shading indicates analyte was detected at a concentration above a Residential Soil Cleanup Target Level.

Table 3: Location BG-4 Soil Sample Radionuclide Results

Radionuclides	Units	BG-4	Remark
Actinium-228	pCi/g	0.149	U
Actinium-228 Uncertainty	pCi/g	0.105	
Alpha Uncertainty	pCi/g	2.45	
Alpha, Total	pCi/g	3.65	
Americium-241	pCi/g	0.167	U
Americium-241 Uncertainty	pCi/g	0.0882	
Antimony-124	pCi/g	0.0951	U
Antimony-124 Uncertainty	pCi/g	0.0702	
Antimony-125	pCi/g	0.0908	U
Antimony-125 Uncertainty	pCi/g	0.052	
Barium-133	pCi/g	0.0425	U
Barium-133 Uncertainty	pCi/g	0.0231	
Barium-140	pCi/g	5.79	U
Barium-140 Uncertainty	pCi/g	3.52	
Beryllium-7	pCi/g	0.637	U
Beryllium-7 Uncertainty	pCi/g	0.392	
Beta Uncertainty	pCi/g	1.9	
Beta, Total	pCi/g	3.48	U
Bismuth-212	pCi/g	0.499	U
Bismuth-212 Uncertainty	pCi/g	0.284	
Bismuth-214	pCi/g	0.0955	
Bismuth-214 Uncertainty	pCi/g	0.0539	
Cerium-139	pCi/g	0.0383	U
Cerium-139 Uncertainty	pCi/g	0.0219	
Cerium-141	pCi/g	0.194	U
Cerium-141 Uncertainty	pCi/g	0.111	
Cerium-144	pCi/g	0.201	U
Cerium-144 Uncertainty	pCi/g	0.115	
Cesium-134	pCi/g	0.0362	U

Table 3: Location BG-4 Soil Sample Radionuclide Results

Radionuclides	Units	BG-4	Remark
Cesium-134 Uncertainty	pCi/g	0.0214	
Cesium-136	pCi/g	1.85	U
Cesium-136 Uncertainty	pCi/g	1.05	
Cesium-137	pCi/g	0.341	
Cesium-137 Uncertainty	pCi/g	0.0535	
Chromium-51	pCi/g	1.53	U
Chromium-51 Uncertainty	pCi/g	0.805	
Cobalt-56	pCi/g	0.052	U
Cobalt-56 Uncertainty	pCi/g	0.0328	
Cobalt-57	pCi/g	0.0274	U
Cobalt-57 Uncertainty	pCi/g	0.0148	
Cobalt-58	pCi/g	0.0623	U
Cobalt-58 Uncertainty	pCi/g	0.035	
Cobalt-60	pCi/g	0.0386	U
Cobalt-60 Uncertainty	pCi/g	0.0227	
Europium-152	pCi/g	0.104	U
Europium-152 Uncertainty	pCi/g	0.0583	
Europium-154	pCi/g	0.0714	U
Europium-154 Uncertainty	pCi/g	0.0447	
Europium-155	pCi/g	0.0929	U
Europium-155 Uncertainty	pCi/g	0.052	
Iridium-192	pCi/g	0.0594	U
Iridium-192 Uncertainty	pCi/g	0.0329	
Iron-59	pCi/g	0.151	U
Iron-59 Uncertainty	pCi/g	0.0908	
Lead-210	pCi/g	5.63	U
Lead-210 Uncertainty	pCi/g	3.08	
Lead-212	pCi/g	0.0749	U
Lead-212 Uncertainty	pCi/g	0.0558	

Table 3: Location BG-4 Soil Sample Radionuclide Results

Radionuclides	Units	BG-4	Remark
Lead-214	pCi/g	0.0879	U
Lead-214 Uncertainty	pCi/g	0.0495	
Manganese-54	pCi/g	0.0442	U
Manganese-54 Uncertainty	pCi/g	0.024	
Mercury-203	pCi/g	0.0861	U
Mercury-203 Uncertainty	pCi/g	0.047	
Neodymium-147	pCi/g	16	U
Neodymium-147 Uncertainty	pCi/g	10.1	
Neptunium-239	pCi/g	0.384	U
Neptunium-239 Uncertainty	pCi/g	0.208	
Niobium-94	pCi/g	0.029	U
Niobium-94 Uncertainty	pCi/g	0.0163	
Niobium-95	pCi/g	0.0775	U
Niobium-95 Uncertainty	pCi/g	0.0455	
Potassium-40	pCi/g	0.578	U
Potassium-40 Uncertainty	pCi/g	0.303	
Promethium-144	pCi/g	0.033	U
Promethium-144 Uncertainty	pCi/g	0.0197	
Promethium-146	pCi/g	0.0416	U
Promethium-146 Uncertainty	pCi/g	0.024	
Radium-228	pCi/g	0.149	U
Radium-228 Uncertainty	pCi/g	0.105	
Ruthenium-106	pCi/g	0.327	U
Ruthenium-106 Uncertainty	pCi/g	0.193	
Silver-110m	pCi/g	0.0431	U
Silver-110m Uncertainty	pCi/g	0.0293	
Sodium-22	pCi/g	0.0259	U
Sodium-22 Uncertainty	pCi/g	0.0162	
Thallium-208	pCi/g	0.0392	

Table 3: Location BG-4 Soil Sample Radionuclide Results

Radionuclides	Units	BG-4	Remark
Thallium-208 Uncertainty	pCi/g	0.0323	
Thorium-234	pCi/g	1.65	U
Thorium-234 Uncertainty	pCi/g	0.849	
Tin-113	pCi/g	0.069	U
Tin-113 Uncertainty	pCi/g	0.0377	
Uranium-235	pCi/g	0.199	U
Uranium-235 Uncertainty	pCi/g	0.116	
Uranium-238	pCi/g	1.65	U
Uranium-238 Uncertainty	pCi/g	0.849	
Yttrium-88	pCi/g	0.0472	U
Yttrium-88 Uncertainty	pCi/g	0.0288	
Zinc-65	pCi/g	0.0769	U
Zinc-65 Uncertainty	pCi/g	0.053	
Zirconium-95	pCi/g	0.122	U
Zirconium-95 Uncertainty	pCi/g	0.0669	

BG-6

**Table 1: Summary of Residential SCTL Exceedances in Soil Samples Collected from BG-6
March/April 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation**

Analyte	Residential SCTL	BG-6
<i>Exceedances</i>		
None		

SCTL=Soil Cleanup Target Level
 ND=Non Detect
 NA=Not Analyzed
 Yellow Shading=Exceedance of SCTL
 ng/Kg= nanogram per Kilogram
 mg/Kg=milligram per Kilogram

Table 2: Location BG-6 Soil Sample Analytical Results

Volatile Organic Compounds	Units	BG-6	MDL	Remark
1,1,1-Trichloroethane	ug/kg	4.7	4.7	U
1,1,2,2-Tetrachloroethane	ug/kg	12	12	UJ
1,1,2-Trichloroethane	ug/kg	4.7	4.7	U
1,1-Dichloroethane	ug/kg	4.7	4.7	U
1,1-Dichloroethene	ug/kg	12	12	U
1,2-Dichlorobenzene	ug/kg	12	12	U
1,2-Dichloroethane	ug/kg	4.7	4.7	U
1,2-Dichloropropane	ug/kg	12	12	U
1,3-Dichlorobenzene	ug/kg	12	12	U
1,4-Dichlorobenzene	ug/kg	12	12	U
2-Butanone	ug/kg	120	120	U
2-Chloroethylvinyl ether	ug/kg	12	12	U
Benzene	ug/kg	4.7	4.7	U
Bromodichloromethane	ug/kg	4.7	4.7	U
Bromoform	ug/kg	12	12	U
Bromomethane	ug/kg	12	12	U
Carbon tetrachloride	ug/kg	4.7	4.7	U
Chlorobenzene	ug/kg	4.7	4.7	U
Chloroethane	ug/kg	12	12	U
Chloroform	ug/kg	4.7	4.7	U
Chloromethane	ug/kg	12	12	U
cis-1,2-Dichloroethene	ug/kg	12	12	U
cis-1,3-Dichloropropene	ug/kg	12	12	UJ
Dibromochloromethane	ug/kg	4.7	4.7	U
Ethylbenzene	ug/kg	12	12	U
m,p-Xylene	ug/kg	12	12	U
Methylene chloride	ug/kg	12	12	U
Methyl-t-butyl ether	ug/kg	12	12	U
o-Xylene	ug/kg	4.7	4.7	U

Table 2: Location BG-6 Soil Sample Analytical Results

Volatile Organic Compounds	Units	BG-6	MDL	Remark
Tetrachloroethene	ug/kg	12	12	U
Toluene	ug/kg	12	12	U
trans-1,2-Dichloroethene	ug/kg	12	12	U
trans-1,3-Dichloropropene	ug/kg	4.7	4.7	U
Trichloroethene	ug/kg	4.7	4.7	UJ
Trichlorofluoromethane	ug/kg	12	12	U
Vinyl chloride	ug/kg	12	12	U
Semi-Volatile Organic Compounds	Units	BG-6	MDL	Remark
1,2,4-Trichlorobenzene	ug/kg	190	190	U
1-Methylnaphthalene	ug/kg	7.1	7.1	U
1-Methylphenanthrene	ug/kg	7.1	7.1	U
2,3,5-Trimethylnaphthalene	ug/kg	7.1	7.1	U
2,4,6-Trichlorophenol	ug/kg	64	64	U
2,4-Dichlorophenol	ug/kg	64	64	U
2,4-Dimethylphenol	ug/kg	380	380	U
2,4-Dinitrophenol	ug/kg	380	380	U
2,4-Dinitrotoluene	ug/kg	64	64	U
2,6-Dimethylnaphthalene	ug/kg	7.1	7.1	U
2,6-Dinitrotoluene	ug/kg	64	64	U
2-Chloronaphthalene	ug/kg	64	64	U
2-Chlorophenol	ug/kg	190	190	U
2-Methyl-4,6-dinitrophenol	ug/kg	64	64	UJ
2-Methylnaphthalene	ug/Kg	7.1	7.1	U
2-Nitrophenol	ug/kg	64	64	U
3,3'-Dichlorobenzidine	ug/kg	3800	3800	U
4-Bromophenyl phenyl ether	ug/kg	64	64	U
4-Chloro-3-methylphenol	ug/kg	64	64	U
4-Chlorophenyl phenyl ether	ug/kg	64	64	U
4-Nitrophenol	ug/kg	64	64	U

Table 2: Location BG-6 Soil Sample Analytical Results

Semi-Volatile Organic Compounds	Units	BG-6	MDL	Remark
Acenaphthene	ug/kg	7.1	7.1	U
Acenaphthylene	ug/kg	7.1	7.1	U
Anthracene	ug/kg	7.1	7.1	U
Azobenzene/1,2-Diphenylhydrazine	ug/kg	64	64	U
Benzidine	ug/kg	1300	1300	U
Benzo(a)anthracene	ug/kg	7.1	7.1	U
Benzo(a)pyrene	ug/kg	7.1	7.1	U
Benzo(b)fluoranthene	ug/kg	7.1	7.1	U
Benzo(g,h,i)perylene	ug/kg	7.1	7.1	U
Benzo(k)fluoranthene	ug/kg	7.1	7.1	U
Biphenyl	ug/kg	7.1	7.1	U
Bis(2-chloroethoxy)methane	ug/kg	64	64	U
Bis(2-chloroethyl)ether	ug/kg	64	64	U
Bis(2-chloroisopropyl)ether	ug/kg	64	64	U
Bis(2-ethylhexyl)phthalate	ug/kg	380	380	UJ
Butyl benzyl phthalate	ug/kg	64	64	U
Chrysene	ug/kg	7.1	7.1	U
Dibenzo(a,h)anthracene	ug/kg	7.1	7.1	U
Dibenzothiophene	ug/kg	7.1	7.1	U
Diethyl phthalate	ug/kg	64	64	U
Dimethyl phthalate	ug/kg	64	64	U
Di-n-butyl phthalate	ug/kg	380	380	UJ
Di-n-octyl phthalate	ug/kg	64	64	UJ
Fluoranthene	ug/kg	7.1	7.1	U
Fluorene	ug/kg	7.1	7.1	U
Hexachlorobenzene	ug/kg	64	64	U
Hexachlorobutadiene	ug/kg	190	190	U
Hexachlorocyclopentadiene	ug/kg	64	64	U
Hexachloroethane	ug/kg	190	190	U

Table 2: Location BG-6 Soil Sample Analytical Results

Semi-Volatile Organic Compounds	Units	BG-6	MDL	Remark
Indeno(1,2,3-cd)pyrene	ug/kg	7.1	7.1	U
Isophorone	ug/kg	64	64	U
Naphthalene	ug/kg	7.1	7.1	U
Nitrobenzene	ug/kg	64	64	U
N-Nitrosodimethylamine	ug/kg	380	380	U
N-Nitrosodi-n-propylamine	ug/kg	64	64	U
N-Nitrosodiphenylamine/ Diphenylamine	ug/kg	64	64	U
Pentachlorophenol	ug/kg	64	64	U
Phenanthrene	ug/kg	7.1	7.1	U
Phenol	ug/kg	64	64	U
Pyrene	ug/kg	7.1	7.1	U
TRPH	mg/kg	11	11	U
Pesticides/Herbicides/PCBs	Units	BG-6	MDL	Remark
2,4,5-T	ug/kg	6.9	6.9	U
2,4-D	ug/kg	6.9	6.9	U
3-Hydroxycarbofuran	ug/kg	0.53	0.53	UJ
Acifluorfen	ug/kg	6.9	6.9	U
Aldicarb	ug/kg	0.53	0.53	UJ
Aldicarb Sulfone	ug/kg	0.53	0.53	UJ
Aldicarb Sulfoxide	ug/kg	0.53	0.53	UJ
Carbaryl	ug/kg	0.53	0.53	UJ
Carbofuran	ug/kg	0.53	0.53	UJ
Diuron	ug/kg	6.4	6.4	U
Imidacloprid	ug/kg	6.4	6.4	U
Linuron	ug/kg	6.4	6.4	U
Methiocarb	ug/kg	0.53	0.53	UJ
Methomyl	ug/kg	0.53	0.53	UJ
Oxamyl	ug/kg	0.53	0.53	UJ
Propoxur	ug/kg	0.53	0.53	UJ

Table 2: Location BG-6 Soil Sample Analytical Results

Pesticides/Herbicides/PCBs	Units	BG-6	MDL	Remark
Silvex	ug/kg	6.9	6.9	U
Alachlor	ug/kg	11	11	U
Aldrin	ug/Kg	0.36	0.36	U
Alpha-BHC	ug/Kg	0.36	0.36	U
Ametryn	ug/kg	1.8	1.8	U
Atrazine	ug/kg	1.8	1.8	U
Azinphos Methyl	ug/kg	5.3	5.3	U
Beta-BHC	ug/Kg	0.36	0.36	U
Bromacil	ug/kg	7.1	7.1	U
Chlordane	ug/Kg	5.3	5.3	U
Chlorpyrifos Ethyl	ug/kg	1.8	1.8	U
Chlorpyrifos Methyl	ug/kg	3.6	3.6	U
DDD-p,p'	ug/Kg	0.71	0.71	U
DDE-p,p'	ug/Kg	0.71	0.71	U
DDT-p,p'	ug/Kg	1.1	1.1	U
Delta-BHC	ug/Kg	0.71	0.71	U
Diazinon	ug/kg	1.8	1.8	U
Dieldrin	ug/Kg	0.36	0.36	U
Endosulfan I	ug/Kg	0.36	0.36	U
Endosulfan II	ug/Kg	0.36	0.36	U
Endosulfan Sulfate	ug/Kg	0.71	0.71	U
Endrin	ug/Kg	1.8	1.8	U
Endrin Aldehyde	ug/Kg	0.71	0.71	U
Ethion	ug/kg	1.8	1.8	U
Ethoprop	ug/kg	1.8	1.8	U
Fenamiphos	ug/kg	7.1	7.1	UJ
Fonofos	ug/kg	1.8	1.8	U
Gamma-BHC	ug/Kg	0.36	0.36	U
Heptachlor	ug/Kg	0.36	0.36	U

Table 2: Location BG-6 Soil Sample Analytical Results

Pesticides/Herbicides/PCBs	Units	BG-6	MDL	Remark
Heptachlor Epoxide	ug/kg	0.36	0.36	U
Hexazinone	ug/kg	3.6	3.6	U
Malathion	ug/kg	3.6	3.6	U
Methamidophos	ug/kg	18	18	UJ
Methoxychlor	ug/kg	1.8	1.8	U
Metolachlor	ug/kg	11	11	U
Metribuzin	ug/kg	3.6	3.6	U
Mevinphos	ug/kg	7.1	7.1	U
Monocrotophos	ug/kg	18	18	UJ
Naled	ug/kg	14	14	U
Norflurazon	ug/kg	3.6	3.6	U
Parathion Ethyl	ug/kg	3.6	3.6	U
Parathion Methyl	ug/kg	3.6	3.6	U
PCB-1016	ug/Kg	11	11	U
PCB-1221	ug/Kg	7.1	7.1	U
PCB-1232	ug/Kg	16	16	U
PCB-1242	ug/Kg	11	11	U
PCB-1248	ug/Kg	7.1	7.1	U
PCB-1254	ug/Kg	7.1	7.1	U
PCB-1260	ug/Kg	11	11	U
Phorate	ug/kg	1.8	1.8	U
Prometryn	ug/kg	3.6	3.6	U
Simazine	ug/kg	1.8	1.8	U
Toxaphene	ug/Kg	27	27	U
Diquat	mg/Kg	0.043	0.043	U
Paraquat	mg/Kg	0.054	0.054	U
Metals	Units	BG-6	MDL	Remark
Mercury	mg/Kg	0.0059	0.0035	I
Antimony	mg/Kg	0.13	0.13	U

Table 2: Location BG-6 Soil Sample Analytical Results

Metals	Units	BG-6	MDL	Remark
Arsenic	mg/Kg	0.053	0.053	U
Barium	mg/Kg	0.36	0.053	
Beryllium	mg/Kg	0.021	0.021	U
Cadmium	mg/Kg	0.026	0.026	U
Chromium	mg/Kg	0.17	0.13	I
Cobalt	mg/Kg	0.011	0.011	U
Copper	mg/Kg	0.16	0.13	I
Lead	mg/Kg	1.42	0.2	
Nickel	mg/Kg	0.13	0.13	U
Selenium	mg/Kg	0.079	0.079	U
Silver	mg/Kg	0.0066	0.0066	UJ
Thallium	mg/Kg	0.026	0.026	U
Zinc	mg/Kg	1.1	1.1	U
Dioxins/Furans	Units	BG-6	MDL	Remark
1,2,3,4,6,7,8-HpCDD	ng/Kg	2.4	2.66	I
1,2,3,4,6,7,8-HpCDF	ng/Kg	0.641	2.66	I
1,2,3,4,7,8,9-HpCDF	ng/Kg	0.0386	2.66	U
1,2,3,4,7,8-HxCDD	ng/Kg	0.0959	2.66	IJ
1,2,3,4,7,8-HxCDF	ng/Kg	0.388	2.66	I
1,2,3,6,7,8-HxCDD	ng/Kg	0.16	2.66	IJ
1,2,3,6,7,8-HxCDF	ng/Kg	0.126	2.66	IJ
1,2,3,7,8,9-HxCDD	ng/Kg	0.253	2.66	I
1,2,3,7,8,9-HxCDF	ng/Kg	0.0197	2.66	U
1,2,3,7,8-PeCDD	ng/Kg	0.0323	2.66	U
1,2,3,7,8-PeCDF	ng/Kg	0.0509	2.66	U
2,3,4,6,7,8-HxCDF	ng/Kg	0.17	2.66	IJ
2,3,4,7,8-PeCDF	ng/Kg	0.107	2.66	IJ
2,3,7,8-TCDD	ng/Kg	0.0227	1.06	U
2,3,7,8-TCDF	ng/Kg	0.0824	1.06	U

Table 2: Location BG-6 Soil Sample Analytical Results

Dioxins/Furans	Units	BG-6	MDL	Remark
OCDD	ng/Kg	14.5	5.31	V
OCDF	ng/Kg	0.699	5.31	I
Total Hepta-Dioxins	ng/Kg	5.49	2.66	
Total Hepta-Furans	ng/Kg	1.05	2.66	I
Total Hexa-Dioxins	ng/Kg	3.83	2.66	
Total Hexa-Furans	ng/Kg	1.09	2.66	I
Total Penta-Dioxins	ng/Kg	2.56	2.66	I
Total Penta-Furans	ng/Kg	4.22	2.66	
Total Tetra-Dioxins	ng/Kg	6.89	1.06	
Total Tetra-Furans	ng/Kg	15	1.06	
TEQ	Ng/Kg	0.239		

256: Yellow shading indicates analyte was detected at a concentration above a Residential Soil Cleanup Target Level.

Table 3: Location BG-6 Soil Sample Radionuclide Results

Radionuclides	Units	BG-6	Remark
Actinium-228	pCi/g	0.139	U
Actinium-228 Uncertainty	pCi/g	0.0772	
Alpha Uncertainty	pCi/g	2.41	
Alpha, Total	pCi/g	3.76	U
Americium-241	pCi/g	0.12	U
Americium-241 Uncertainty	pCi/g	0.063	
Antimony-124	pCi/g	0.112	U
Antimony-124 Uncertainty	pCi/g	0.093	
Antimony-125	pCi/g	0.0796	U
Antimony-125 Uncertainty	pCi/g	0.0416	
Barium-133	pCi/g	0.0336	U
Barium-133 Uncertainty	pCi/g	0.0204	
Barium-140	pCi/g	5.48	U
Barium-140 Uncertainty	pCi/g	2.94	
Beryllium-7	pCi/g	0.589	U
Beryllium-7 Uncertainty	pCi/g	0.326	
Beta Uncertainty	pCi/g	1.87	
Beta, Total	pCi/g	3.01	U
Bismuth-212	pCi/g	0.442	U
Bismuth-212 Uncertainty	pCi/g	0.247	
Bismuth-214	pCi/g	0.0886	UJ
Bismuth-214 Uncertainty	pCi/g	0.0562	
Cerium-139	pCi/g	0.0296	U
Cerium-139 Uncertainty	pCi/g	0.0182	
Cerium-141	pCi/g	0.168	U
Cerium-141 Uncertainty	pCi/g	0.0875	
Cerium-144	pCi/g	0.159	U
Cerium-144 Uncertainty	pCi/g	0.0883	
Cesium-134	pCi/g	0.0372	U

Table 3: Location BG-6 Soil Sample Radionuclide Results

Radionuclides	Units	BG-6	Remark
Cesium-134 Uncertainty	pCi/g	0.0205	
Cesium-136	pCi/g	1.43	U
Cesium-136 Uncertainty	pCi/g	0.846	
Cesium-137	pCi/g	0.039	U
Cesium-137 Uncertainty	pCi/g	0.0203	
Chromium-51	pCi/g	1.21	U
Chromium-51 Uncertainty	pCi/g	0.697	
Cobalt-56	pCi/g	0.0594	U
Cobalt-56 Uncertainty	pCi/g	0.0339	
Cobalt-57	pCi/g	0.0231	U
Cobalt-57 Uncertainty	pCi/g	0.0124	
Cobalt-58	pCi/g	0.0547	U
Cobalt-58 Uncertainty	pCi/g	0.0299	
Cobalt-60	pCi/g	0.0307	U
Cobalt-60 Uncertainty	pCi/g	0.0168	
Europium-152	pCi/g	0.0668	U
Europium-152 Uncertainty	pCi/g	0.0419	
Europium-154	pCi/g	0.126	U
Europium-154 Uncertainty	pCi/g	0.0658	
Europium-155	pCi/g	0.0746	U
Europium-155 Uncertainty	pCi/g	0.042	
Iridium-192	pCi/g	0.047	U
Iridium-192 Uncertainty	pCi/g	0.0281	
Iron-59	pCi/g	0.148	U
Iron-59 Uncertainty	pCi/g	0.0873	
Lead-210	pCi/g	4.07	U
Lead-210 Uncertainty	pCi/g	2.25	
Lead-212	pCi/g	0.064	U
Lead-212 Uncertainty	pCi/g	0.0323	

Table 3: Location BG-6 Soil Sample Radionuclide Results

Radionuclides	Units	BG-6	Remark
Lead-214	pCi/g	0.0817	UJ
Lead-214 Uncertainty	pCi/g	0.0568	
Manganese-54	pCi/g	0.0279	U
Manganese-54 Uncertainty	pCi/g	0.0196	
Mercury-203	pCi/g	0.069	U
Mercury-203 Uncertainty	pCi/g	0.038	
Neodymium-147	pCi/g	18.7	U
Neodymium-147 Uncertainty	pCi/g	9.97	
Neptunium-239	pCi/g	0.304	U
Neptunium-239 Uncertainty	pCi/g	0.165	
Niobium-94	pCi/g	0.0317	U
Niobium-94 Uncertainty	pCi/g	0.017	
Niobium-95	pCi/g	0.0592	U
Niobium-95 Uncertainty	pCi/g	0.0324	
Potassium-40	pCi/g	0.397	U
Potassium-40 Uncertainty	pCi/g	0.204	
Promethium-144	pCi/g	0.0285	U
Promethium-144 Uncertainty	pCi/g	0.0191	
Promethium-146	pCi/g	0.0404	U
Promethium-146 Uncertainty	pCi/g	0.0225	
Radium-228	pCi/g	0.139	U
Radium-228 Uncertainty	pCi/g	0.0772	
Ruthenium-106	pCi/g	0.293	U
Ruthenium-106 Uncertainty	pCi/g	0.165	
Silver-110m	pCi/g	0.0409	U
Silver-110m Uncertainty	pCi/g	0.0258	
Sodium-22	pCi/g	0.0458	U
Sodium-22 Uncertainty	pCi/g	0.0239	
Thallium-208	pCi/g	0.0322	U

Table 3: Location BG-6 Soil Sample Radionuclide Results

Radionuclides	Units	BG-6	Remark
Thallium-208 Uncertainty	pCi/g	0.0166	
Thorium-234	pCi/g	1.15	U
Thorium-234 Uncertainty	pCi/g	0.594	
Tin-113	pCi/g	0.055	U
Tin-113 Uncertainty	pCi/g	0.0314	
Uranium-235	pCi/g	0.159	U
Uranium-235 Uncertainty	pCi/g	0.0904	
Uranium-238	pCi/g	1.15	U
Uranium-238 Uncertainty	pCi/g	0.594	
Yttrium-88	pCi/g	0.0392	U
Yttrium-88 Uncertainty	pCi/g	0.0257	
Zinc-65	pCi/g	0.0782	U
Zinc-65 Uncertainty	pCi/g	0.045	
Zirconium-95	pCi/g	0.0784	U
Zirconium-95 Uncertainty	pCi/g	0.0489	

BG-7

**Table 1: Summary of Residential SCTL Exceedances in Soil Samples Collected from BG-7
March/April 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation**

Analyte	Residential SCTL	BG-7
<i>Exceedances</i>		
None		

SCTL=Soil Cleanup Target Level

ND=Non Detect

NA=Not Analyzed

Yellow Shading=Exceedance of SCTL

ng/Kg= nanogram per Kilogram

mg/Kg=milligram per Kilogram

Table 2: Location BG-7 Soil Sample Analytical Results

Volatile Organic Compounds	Units	BG-7	MDL	Remark
1,1,1-Trichloroethane	ug/kg	4.6	4.6	U
1,1,1,2-Tetrachloroethane	ug/kg	12	12	U
1,1,2-Trichloroethane	ug/kg	4.6	4.6	U
1,1-Dichloroethane	ug/kg	4.6	4.6	U
1,1-Dichloroethene	ug/kg	12	12	U
1,2-Dichlorobenzene	ug/kg	12	12	U
1,2-Dichloroethane	ug/kg	4.6	4.6	U
1,2-Dichloropropane	ug/kg	12	12	U
1,3-Dichlorobenzene	ug/kg	12	12	U
1,4-Dichlorobenzene	ug/kg	12	12	U
2-Butanone	ug/kg	120	120	U
2-Chloroethylvinyl ether	ug/kg	12	12	U
Benzene	ug/kg	4.6	4.6	U
Bromodichloromethane	ug/kg	4.6	4.6	U
Bromoform	ug/kg	12	12	UJ
Bromomethane	ug/kg	12	12	U
Carbon tetrachloride	ug/kg	4.6	4.6	U
Chlorobenzene	ug/kg	4.6	4.6	U
Chloroethane	ug/kg	12	12	U
Chloroform	ug/kg	4.6	4.6	U
Chloromethane	ug/kg	12	12	U
cis-1,2-Dichloroethene	ug/kg	12	12	U
cis-1,3-Dichloropropene	ug/kg	12	12	U
Dibromochloromethane	ug/kg	4.6	4.6	U
Ethylbenzene	ug/kg	12	12	U
m,p-Xylene	ug/kg	12	12	U
Methylene chloride	ug/kg	12	12	U
Methyl-t-butyl ether	ug/kg	12	12	U
o-Xylene	ug/kg	4.6	4.6	U

Table 2: Location BG-7 Soil Sample Analytical Results

Volatile Organic Compounds	Units	BG-7	MDL	Remark
Tetrachloroethene	ug/kg	12	12	U
Toluene	ug/kg	12	12	U
trans-1,2-Dichloroethene	ug/kg	12	12	U
trans-1,3-Dichloropropene	ug/kg	4.6	4.6	U
Trichloroethene	ug/kg	4.6	4.6	U
Trichlorofluoromethane	ug/kg	12	12	U
Vinyl chloride	ug/kg	12	12	U
Semi-Volatile Organic Compounds	Units	BG-7	MDL	Remark
1,2,4-Trichlorobenzene	ug/kg	190	190	U
1-Methylnaphthalene	ug/kg	7.2	7.2	U
1-Methylphenanthrene	ug/kg	7.2	7.2	U
2,3,5-Trimethylnaphthalene	ug/kg	7.2	7.2	U
2,4,6-Trichlorophenol	ug/kg	65	65	U
2,4-Dichlorophenol	ug/kg	65	65	U
2,4-Dimethylphenol	ug/kg	390	390	U
2,4-Dinitrophenol	ug/kg	390	390	U
2,4-Dinitrotoluene	ug/kg	65	65	U
2,6-Dimethylnaphthalene	ug/kg	7.2	7.2	U
2,6-Dinitrotoluene	ug/kg	65	65	U
2-Chloronaphthalene	ug/kg	65	65	U
2-Chlorophenol	ug/kg	190	190	U
2-Methyl-4,6-dinitrophenol	ug/kg	65	65	U
2-Methylnaphthalene	ug/Kg	7.2	7.2	U
2-Nitrophenol	ug/kg	65	65	U
3,3'-Dichlorobenzidine	ug/kg	3900	3900	UJ
4-Bromophenyl phenyl ether	ug/kg	65	65	U
4-Chloro-3-methylphenol	ug/kg	65	65	U
4-Chlorophenyl phenyl ether	ug/kg	65	65	U
4-Nitrophenol	ug/kg	65	65	U

Table 2: Location BG-7 Soil Sample Analytical Results

Semi-Volatile Organic Compounds	Units	BG-7	MDL	Remark
Acenaphthene	ug/kg	7.2	7.2	U
Acenaphthylene	ug/kg	7.2	7.2	U
Anthracene	ug/kg	7.2	7.2	U
Azobenzene/1,2-Diphenylhydrazine	ug/kg	65	65	U
Benzidine	ug/kg	1300	1300	U
Benzo(a)anthracene	ug/kg	7.2	7.2	U
Benzo(a)pyrene	ug/kg	7.2	7.2	U
Benzo(b)fluoranthene	ug/kg	7.2	7.2	U
Benzo(g,h,i)perylene	ug/kg	7.2	7.2	U
Benzo(k)fluoranthene	ug/kg	7.2	7.2	U
Biphenyl	ug/kg	7.2	7.2	U
Bis(2-chloroethoxy)methane	ug/kg	65	65	U
Bis(2-chloroethyl)ether	ug/kg	65	65	U
Bis(2-chloroisopropyl)ether	ug/kg	65	65	U
Bis(2-ethylhexyl)phthalate	ug/kg	390	390	UQ
Butyl benzyl phthalate	ug/kg	65	65	U
Chrysene	ug/kg	7.2	7.2	U
Dibenzo(a,h)anthracene	ug/kg	7.2	7.2	U
Dibenzothiophene	ug/kg	7.2	7.2	U
Diethyl phthalate	ug/kg	65	65	U
Dimethyl phthalate	ug/kg	65	65	U
Di-n-butyl phthalate	ug/kg	390	390	U
Di-n-octyl phthalate	ug/kg	65	65	U
Fluoranthene	ug/kg	10	7.2	I
Fluorene	ug/kg	7.2	7.2	U
Hexachlorobenzene	ug/kg	65	65	U
Hexachlorobutadiene	ug/kg	190	190	U
Hexachlorocyclopentadiene	ug/kg	65	65	UJ
Hexachloroethane	ug/kg	190	190	U

Table 2: Location BG-7 Soil Sample Analytical Results

Semi-Volatile Organic Compounds	Units	BG-7	MDL	Remark
Indeno(1,2,3-cd)pyrene	ug/kg	7.2	7.2	U
Isophorone	ug/kg	65	65	U
Naphthalene	ug/kg	7.2	7.2	U
Nitrobenzene	ug/kg	65	65	U
N-Nitrosodimethylamine	ug/kg	390	390	U
N-Nitrosodi-n-propylamine	ug/kg	65	65	U
N-Nitrosodiphenylamine/ Diphenylamine	ug/kg	65	65	U
Pentachlorophenol	ug/kg	65	65	U
Phenanthrene	ug/kg	7.2	7.2	U
Phenol	ug/kg	65	65	U
Pyrene	ug/kg	9	7.2	I
TRPH	mg/kg	61	11	
Pesticides/Herbicides/PCBs	Units	BG-7	MDL	Remark
2,4,5-T	ug/kg	7	7	U
2,4-D	ug/kg	7	7	U
3-Hydroxycarbofuran	ug/kg	0.53	0.53	UJ
Acifluorfen	ug/kg	7	7	U
Aldicarb	ug/kg	0.53	0.53	UJ
Aldicarb Sulfone	ug/kg	0.53	0.53	UJ
Aldicarb Sulfoxide	ug/kg	0.53	0.53	UJ
Carbaryl	ug/kg	0.53	0.53	UJ
Carbofuran	ug/kg	0.53	0.53	UJ
Diuron	ug/kg	6.4	6.4	U
Imidacloprid	ug/kg	6.4	6.4	U
Linuron	ug/kg	6.4	6.4	U
Methiocarb	ug/kg	0.53	0.53	UJ
Methomyl	ug/kg	0.53	0.53	UJ
Oxamyl	ug/kg	0.53	0.53	UJ
Propoxur	ug/kg	0.53	0.53	UJ

Table 2: Location BG-7 Soil Sample Analytical Results

Pesticides/Herbicides/PCBs	Units	BG-7	MDL	Remark
Silvex	ug/kg	7	7	U
Alachlor	ug/kg	11	11	U
Aldrin	ug/Kg	0.36	0.36	U
Alpha-BHC	ug/Kg	0.36	0.36	U
Ametryn	ug/kg	1.8	1.8	U
Atrazine	ug/kg	1.8	1.8	U
Azinphos Methyl	ug/kg	5.4	5.4	U
Beta-BHC	ug/Kg	0.36	0.36	U
Bromacil	ug/kg	7.2	7.2	U
Chlordane	ug/Kg	5.4	5.4	U
Chlorpyrifos Ethyl	ug/kg	1.8	1.8	U
Chlorpyrifos Methyl	ug/kg	3.6	3.6	U
DDD-p,p'	ug/Kg	0.72	0.72	U
DDE-p,p'	ug/Kg	0.72	0.72	U
DDT-p,p'	ug/Kg	1.1	1.1	U
Delta-BHC	ug/Kg	0.72	0.72	U
Diazinon	ug/kg	1.8	1.8	U
Dieldrin	ug/Kg	0.36	0.36	U
Endosulfan I	ug/Kg	0.36	0.36	U
Endosulfan II	ug/Kg	0.36	0.36	UJ
Endosulfan Sulfate	ug/Kg	0.72	0.72	U
Endrin	ug/Kg	1.8	1.8	U
Endrin Aldehyde	ug/Kg	0.72	0.72	U
Ethion	ug/kg	1.8	1.8	U
Ethoprop	ug/kg	1.8	1.8	U
Fenamiphos	ug/kg	3.6	3.6	U
Fonofos	ug/kg	1.8	1.8	U
Gamma-BHC	ug/Kg	0.36	0.36	U
Heptachlor	ug/Kg	0.36	0.36	U

Table 2: Location BG-7 Soil Sample Analytical Results

Pesticides/Herbicides/PCBs	Units	BG-7	MDL	Remark
Heptachlor Epoxide	ug/kg	0.36	0.36	U
Hexazinone	ug/kg	3.6	3.6	U
Malathion	ug/kg	3.6	3.6	U
Methamidophos	ug/kg	18	18	U
Methoxychlor	ug/kg	1.8	1.8	U
Metolachlor	ug/kg	11	11	U
Metribuzin	ug/kg	3.6	3.6	U
Mevinphos	ug/kg	7.2	7.2	U
Monocrotophos	ug/kg	18	18	U
Naled	ug/kg	14	14	UJ
Norflurazon	ug/kg	3.6	3.6	U
Parathion Ethyl	ug/kg	3.6	3.6	U
Parathion Methyl	ug/kg	3.6	3.6	U
PCB-1016	ug/Kg	11	11	U
PCB-1221	ug/Kg	7.2	7.2	U
PCB-1232	ug/Kg	16	16	U
PCB-1242	ug/Kg	11	11	U
PCB-1248	ug/Kg	7.2	7.2	U
PCB-1254	ug/Kg	7.2	7.2	U
PCB-1260	ug/Kg	11	11	U
Phorate	ug/kg	1.8	1.8	U
Prometryn	ug/kg	3.6	3.6	U
Simazine	ug/kg	1.8	1.8	U
Toxaphene	ug/Kg	27	27	U
Diquat	mg/Kg	0.042	0.042	U
Paraquat	mg/Kg	0.053	0.053	UJ
Metals	Units	BG-7	MDL	Remark
Mercury	mg/Kg	0.0054	0.0042	I
Antimony	mg/Kg	0.14	0.14	UJ

Table 2: Location BG-7 Soil Sample Analytical Results

Metals	Units	BG-7	MDL	Remark
Arsenic	mg/Kg	0.26	0.056	
Barium	mg/Kg	1.45	0.056	
Beryllium	mg/Kg	0.022	0.022	U
Cadmium	mg/Kg	0.028	0.028	U
Chromium	mg/Kg	0.49	0.14	I
Cobalt	mg/Kg	0.056	0.011	
Copper	mg/Kg	0.38	0.14	I
Lead	mg/Kg	4.12	0.21	
Nickel	mg/Kg	0.27	0.14	I
Selenium	mg/Kg	0.084	0.084	U
Silver	mg/Kg	0.007	0.007	U
Thallium	mg/Kg	0.028	0.028	U
Zinc	mg/Kg	1.3	1.1	I
Dioxins/Furans	Units	BG-7	MDL	Remark
1,2,3,4,6,7,8-HpCDD	ng/Kg	3.33	3.18	V
1,2,3,4,6,7,8-HpCDF	ng/Kg	0.531	3.18	I
1,2,3,4,7,8,9-HpCDF	ng/Kg	0.132	3.18	U
1,2,3,4,7,8-HxCDD	ng/Kg	0.115	3.18	U
1,2,3,4,7,8-HxCDF	ng/Kg	0.127	3.18	I
1,2,3,6,7,8-HxCDD	ng/Kg	0.0942	3.18	U
1,2,3,6,7,8-HxCDF	ng/Kg	0.0854	3.18	U
1,2,3,7,8,9-HxCDD	ng/Kg	0.102	3.18	U
1,2,3,7,8,9-HxCDF	ng/Kg	0.106	3.18	U
1,2,3,7,8-PeCDD	ng/Kg	0.107	3.18	U
1,2,3,7,8-PeCDF	ng/Kg	0.0821	3.18	U
2,3,4,6,7,8-HxCDF	ng/Kg	0.0965	3.18	U
2,3,4,7,8-PeCDF	ng/Kg	0.0806	3.18	U
2,3,7,8-TCDD	ng/Kg	0.987	1.27	IJ
2,3,7,8-TCDF	ng/Kg	0.114	1.27	U

Table 2: Location BG-7 Soil Sample Analytical Results

Dioxins/Furans	Units	BG-7	MDL	Remark
OCDD	ng/Kg	36.7	6.35	V
OCDF	ng/Kg	2.47	6.35	IV
Total Hepta-Dioxins	ng/Kg	7.6	3.18	
Total Hepta-Furans	ng/Kg	0.531	3.18	I
Total Hexa-Dioxins	ng/Kg	0.96	3.18	I
Total Hexa-Furans	ng/Kg	0.423	3.18	I
Total Penta-Dioxins	ng/Kg	0.196	3.18	I
Total Penta-Furans	ng/Kg	0.201	3.18	I
Total Tetra-Dioxins	ng/Kg	0.0561	1.27	U
Total Tetra-Furans	ng/Kg	1.82	1.27	
TEQ	ng/Kg	1.15		

256: Yellow shading indicates analyte was detected at a concentration above a Residential Soil Cleanup Target Level.

Table 3: Location BG-7 Soil Sample Radionuclide Results

Radionuclides	Units	BG-7	Remark
Actinium-228	pCi/g	0.128	U
Actinium-228 Uncertainty	pCi/g	0.0715	
Alpha Uncertainty	pCi/g	2.25	
Alpha, Total	pCi/g	3	U
Americium-241	pCi/g	0.0788	U
Americium-241 Uncertainty	pCi/g	0.0403	
Antimony-124	pCi/g	0.137	U
Antimony-124 Uncertainty	pCi/g	0.0696	
Antimony-125	pCi/g	0.08	U
Antimony-125 Uncertainty	pCi/g	0.0432	
Barium-133	pCi/g	0.0324	U
Barium-133 Uncertainty	pCi/g	0.0207	
Barium-140	pCi/g	3.49	U
Barium-140 Uncertainty	pCi/g	2.27	
Beryllium-7	pCi/g	0.483	U
Beryllium-7 Uncertainty	pCi/g	0.282	
Beta Uncertainty	pCi/g	2.17	
Beta, Total	pCi/g	3.7	U
Bismuth-212	pCi/g	0.372	U
Bismuth-212 Uncertainty	pCi/g	0.2	
Bismuth-214	pCi/g	0.0842	UJ
Bismuth-214 Uncertainty	pCi/g	0.0514	
Cerium-139	pCi/g	0.0266	U
Cerium-139 Uncertainty	pCi/g	0.0146	
Cerium-141	pCi/g	0.134	U
Cerium-141 Uncertainty	pCi/g	0.08	
Cerium-144	pCi/g	0.142	U
Cerium-144 Uncertainty	pCi/g	0.0806	
Cesium-134	pCi/g	0.0262	U

Table 3: Location BG-7 Soil Sample Radionuclide Results

Radionuclides	Units	BG-7	Remark
Cesium-134 Uncertainty	pCi/g	0.0161	
Cesium-136	pCi/g	1.24	U
Cesium-136 Uncertainty	pCi/g	0.796	
Cesium-137	pCi/g	0.273	
Cesium-137 Uncertainty	pCi/g	0.0461	
Chromium-51	pCi/g	1.09	U
Chromium-51 Uncertainty	pCi/g	0.653	
Cobalt-56	pCi/g	0.0373	U
Cobalt-56 Uncertainty	pCi/g	0.0212	
Cobalt-57	pCi/g	0.0194	U
Cobalt-57 Uncertainty	pCi/g	0.0106	
Cobalt-58	pCi/g	0.0482	U
Cobalt-58 Uncertainty	pCi/g	0.0271	
Cobalt-60	pCi/g	0.0192	U
Cobalt-60 Uncertainty	pCi/g	0.0133	
Europium-152	pCi/g	0.0671	U
Europium-152 Uncertainty	pCi/g	0.0397	
Europium-154	pCi/g	0.0716	U
Europium-154 Uncertainty	pCi/g	0.0513	
Europium-155	pCi/g	0.0641	U
Europium-155 Uncertainty	pCi/g	0.0379	
Iridium-192	pCi/g	0.0371	U
Iridium-192 Uncertainty	pCi/g	0.022	
Iron-59	pCi/g	0.135	U
Iron-59 Uncertainty	pCi/g	0.0829	
Lead-210	pCi/g	1.71	U
Lead-210 Uncertainty	pCi/g	0.854	
Lead-212	pCi/g	0.0706	
Lead-212 Uncertainty	pCi/g	0.0431	

Table 3: Location BG-7 Soil Sample Radionuclide Results

Radionuclides	Units	BG-7	Remark
Lead-214	pCi/g	0.0792	UJ
Lead-214 Uncertainty	pCi/g	0.0631	
Manganese-54	pCi/g	0.032	U
Manganese-54 Uncertainty	pCi/g	0.0177	
Mercury-203	pCi/g	0.066	U
Mercury-203 Uncertainty	pCi/g	0.0338	
Neodymium-147	pCi/g	13.5	U
Neodymium-147 Uncertainty	pCi/g	7.86	
Neptunium-239	pCi/g	0.248	U
Neptunium-239 Uncertainty	pCi/g	0.139	
Niobium-94	pCi/g	0.0202	U
Niobium-94 Uncertainty	pCi/g	0.0123	
Niobium-95	pCi/g	0.055	U
Niobium-95 Uncertainty	pCi/g	0.0293	
Potassium-40	pCi/g	0.368	U
Potassium-40 Uncertainty	pCi/g	0.195	
Promethium-144	pCi/g	0.0256	U
Promethium-144 Uncertainty	pCi/g	0.0142	
Promethium-146	pCi/g	0.0324	U
Promethium-146 Uncertainty	pCi/g	0.0193	
Radium-228	pCi/g	0.128	U
Radium-228 Uncertainty	pCi/g	0.0715	
Ruthenium-106	pCi/g	0.238	U
Ruthenium-106 Uncertainty	pCi/g	0.148	
Silver-110m	pCi/g	0.04	U
Silver-110m Uncertainty	pCi/g	0.0242	
Sodium-22	pCi/g	0.0255	U
Sodium-22 Uncertainty	pCi/g	0.0188	
Thallium-208	pCi/g	0.0269	

Table 3: Location BG-7 Soil Sample Radionuclide Results

Radionuclides	Units	BG-7	Remark
Thallium-208 Uncertainty	pCi/g	0.023	
Thorium-234	pCi/g	0.824	U
Thorium-234 Uncertainty	pCi/g	0.408	
Tin-113	pCi/g	0.0412	U
Tin-113 Uncertainty	pCi/g	0.0249	
Uranium-235	pCi/g	0.145	U
Uranium-235 Uncertainty	pCi/g	0.0796	
Uranium-238	pCi/g	0.824	U
Uranium-238 Uncertainty	pCi/g	0.408	
Yttrium-88	pCi/g	0.0338	U
Yttrium-88 Uncertainty	pCi/g	0.022	
Zinc-65	pCi/g	0.0572	U
Zinc-65 Uncertainty	pCi/g	0.0423	
Zirconium-95	pCi/g	0.0816	U
Zirconium-95 Uncertainty	pCi/g	0.0453	

BG-8

**Table 1: Summary of Residential SCTL Exceedances in Soil Samples Collected from BG-8
March/April 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation**

Analyte	Residential SCTL	BG-8
<i>Exceedances</i>		
None		

SCTL=Soil Cleanup Target Level

ND=Non Detect

NA=Not Analyzed

Yellow Shading=Exceedance of SCTL

ng/Kg= nanogram per Kilogram

mg/Kg=milligram per Kilogram

Table 2: Locations BG-8 Soil Sample Analytical Results

Volatile Organic Compounds	Units	BG-8	MDL	Remark
1,1,1-Trichloroethane	ug/kg	4.6	4.6	U
1,1,2,2-Tetrachloroethane	ug/kg	11	11	U
1,1,2-Trichloroethane	ug/kg	4.6	4.6	U
1,1-Dichloroethane	ug/kg	4.6	4.6	U
1,1-Dichloroethene	ug/kg	11	11	U
1,2-Dichlorobenzene	ug/kg	11	11	U
1,2-Dichloroethane	ug/kg	4.6	4.6	U
1,2-Dichloropropane	ug/kg	11	11	U
1,3-Dichlorobenzene	ug/kg	11	11	U
1,4-Dichlorobenzene	ug/kg	11	11	U
2-Butanone	ug/kg	110	110	U
2-Chloroethylvinyl ether	ug/kg	11	11	U
Benzene	ug/kg	4.6	4.6	U
Bromodichloromethane	ug/kg	4.6	4.6	U
Bromoform	ug/kg	11	11	UJ
Bromomethane	ug/kg	11	11	U
Carbon tetrachloride	ug/kg	4.6	4.6	U
Chlorobenzene	ug/kg	4.6	4.6	U
Chloroethane	ug/kg	11	11	U
Chloroform	ug/kg	4.6	4.6	U
Chloromethane	ug/kg	11	11	U
cis-1,2-Dichloroethene	ug/kg	11	11	U
cis-1,3-Dichloropropene	ug/kg	11	11	U
Dibromochloromethane	ug/kg	4.6	4.6	U
Ethylbenzene	ug/kg	11	11	U
m,p-Xylene	ug/kg	11	11	U
Methylene chloride	ug/kg	11	11	U
Methyl-t-butyl ether	ug/kg	11	11	U
o-Xylene	ug/kg	4.6	4.6	U

Table 2: Locations BG-8 Soil Sample Analytical Results

Volatile Organic Compounds	Units	BG-8	MDL	Remark
Tetrachloroethene	ug/kg	11	11	U
Toluene	ug/kg	11	11	U
trans-1,2-Dichloroethene	ug/kg	11	11	U
trans-1,3-Dichloropropene	ug/kg	4.6	4.6	U
Trichloroethene	ug/kg	4.6	4.6	U
Trichlorofluoromethane	ug/kg	11	11	U
Vinyl chloride	ug/kg	11	11	U
Semi-Volatile Organic Compounds	Units	BG-8	MDL	Remark
1,2,4-Trichlorobenzene	ug/kg	190	190	U
1-Methylnaphthalene	ug/kg	7	7	U
1-Methylphenanthrene	ug/kg	7	7	U
2,3,5-Trimethylnaphthalene	ug/kg	7	7	U
2,4,6-Trichlorophenol	ug/kg	63	63	U
2,4-Dichlorophenol	ug/kg	63	63	U
2,4-Dimethylphenol	ug/kg	380	380	U
2,4-Dinitrophenol	ug/kg	380	380	U
2,4-Dinitrotoluene	ug/kg	63	63	U
2,6-Dimethylnaphthalene	ug/kg	7	7	U
2,6-Dinitrotoluene	ug/kg	63	63	U
2-Chloronaphthalene	ug/kg	63	63	U
2-Chlorophenol	ug/kg	190	190	U
2-Methyl-4,6-dinitrophenol	ug/kg	63	63	U
2-Methylnaphthalene	ug/Kg	7	7	U
2-Nitrophenol	ug/kg	63	63	U
3,3'-Dichlorobenzidine	ug/kg	3800	3800	UJ
4-Bromophenyl phenyl ether	ug/kg	63	63	U
4-Chloro-3-methylphenol	ug/kg	63	63	U
4-Chlorophenyl phenyl ether	ug/kg	63	63	U
4-Nitrophenol	ug/kg	63	63	U

Table 2: Locations BG-8 Soil Sample Analytical Results

Semi-Volatile Organic Compounds	Units	BG-8	MDL	Remark
Acenaphthene	ug/kg	7	7	U
Acenaphthylene	ug/kg	7	7	U
Anthracene	ug/kg	7	7	U
Azobenzene/1,2-Diphenylhydrazine	ug/kg	63	63	U
Benzidine	ug/kg	1300	1300	U
Benzo(a)anthracene	ug/kg	7	7	U
Benzo(a)pyrene	ug/kg	7	7	U
Benzo(b)fluoranthene	ug/kg	7	7	U
Benzo(g,h,i)perylene	ug/kg	7	7	U
Benzo(k)fluoranthene	ug/kg	7	7	U
Biphenyl	ug/kg	7	7	U
Bis(2-chloroethoxy)methane	ug/kg	63	63	U
Bis(2-chloroethyl)ether	ug/kg	63	63	U
Bis(2-chloroisopropyl)ether	ug/kg	63	63	U
Bis(2-ethylhexyl)phthalate	ug/kg	380	380	U
Butyl benzyl phthalate	ug/kg	63	63	U
Chrysene	ug/kg	7	7	U
Dibenzo(a,h)anthracene	ug/kg	7	7	U
Dibenzothiophene	ug/kg	7	7	U
Diethyl phthalate	ug/kg	63	63	U
Dimethyl phthalate	ug/kg	63	63	U
Di-n-butyl phthalate	ug/kg	380	380	U
Di-n-octyl phthalate	ug/kg	63	63	U
Fluoranthene	ug/kg	7	7	U
Fluorene	ug/kg	7	7	U
Hexachlorobenzene	ug/kg	63	63	U
Hexachlorobutadiene	ug/kg	190	190	U
Hexachlorocyclopentadiene	ug/kg	63	63	UJ
Hexachloroethane	ug/kg	190	190	U

Table 2: Locations BG-8 Soil Sample Analytical Results

Semi-Volatile Organic Compounds	Units	BG-8	MDL	Remark
Indeno(1,2,3-cd)pyrene	ug/kg	7	7	U
Isophorone	ug/kg	63	63	U
Naphthalene	ug/kg	7	7	U
Nitrobenzene	ug/kg	63	63	U
N-Nitrosodimethylamine	ug/kg	380	380	U
N-Nitrosodi-n-propylamine	ug/kg	63	63	U
N-Nitrosodiphenylamine/ Diphenylamine	ug/kg	63	63	U
Pentachlorophenol	ug/kg	63	63	U
Phenanthrene	ug/kg	7	7	U
Phenol	ug/kg	63	63	U
Pyrene	ug/kg	7	7	U
TRPH	mg/kg	25	11	I
Pesticides/Herbicides/PCBs	Units	BG-8	MDL	Remark
2,4,5-T	ug/kg	6.8	6.8	U
2,4-D	ug/kg	6.8	6.8	U
3-Hydroxycarbofuran	ug/kg	0.52	0.52	UJ
Acifluorfen	ug/kg	6.8	6.8	U
Aldicarb	ug/kg	0.52	0.52	UJ
Aldicarb Sulfone	ug/kg	0.52	0.52	UJ
Aldicarb Sulfoxide	ug/kg	0.52	0.52	UJ
Carbaryl	ug/kg	0.52	0.52	UJ
Carbofuran	ug/kg	0.52	0.52	UJ
Diuron	ug/kg	6.2	6.2	U
Imidacloprid	ug/kg	6.2	6.2	U
Linuron	ug/kg	6.2	6.2	U
Methiocarb	ug/kg	0.52	0.52	UJ
Methomyl	ug/kg	0.52	0.52	UJ
Oxamyl	ug/kg	0.52	0.52	UJ
Propoxur	ug/kg	0.52	0.52	UJ

Table 2: Locations BG-8 Soil Sample Analytical Results

Pesticides/Herbicides/PCBs	Units	BG-8	MDL	Remark
Silvex	ug/kg	6.8	6.8	U
Alachlor	ug/kg	10	10	U
Aldrin	ug/Kg	0.35	0.35	U
Alpha-BHC	ug/Kg	0.35	0.35	U
Ametryn	ug/kg	1.7	1.7	U
Atrazine	ug/kg	1.7	1.7	U
Azinphos Methyl	ug/kg	5.2	5.2	U
Beta-BHC	ug/Kg	0.35	0.35	U
Bromacil	ug/kg	7	7	U
Chlordane	ug/Kg	5.2	5.2	U
Chlorpyrifos Ethyl	ug/kg	1.7	1.7	U
Chlorpyrifos Methyl	ug/kg	3.5	3.5	U
DDD-p,p'	ug/Kg	0.7	0.7	U
DDE-p,p'	ug/Kg	0.7	0.7	U
DDT-p,p'	ug/Kg	1	1	U
Delta-BHC	ug/Kg	0.7	0.7	U
Diazinon	ug/kg	1.7	1.7	U
Dieldrin	ug/Kg	0.35	0.35	U
Endosulfan I	ug/Kg	0.35	0.35	U
Endosulfan II	ug/Kg	0.35	0.35	UJ
Endosulfan Sulfate	ug/Kg	0.7	0.7	U
Endrin	ug/Kg	1.7	1.7	U
Endrin Aldehyde	ug/Kg	0.7	0.7	U
Ethion	ug/kg	1.7	1.7	U
Ethoprop	ug/kg	1.7	1.7	U
Fenamiphos	ug/kg	3.5	3.5	U
Fonofos	ug/kg	1.7	1.7	U
Gamma-BHC	ug/Kg	0.35	0.35	U
Heptachlor	ug/Kg	0.35	0.35	U

Table 2: Locations BG-8 Soil Sample Analytical Results

Pesticides/Herbicides/PCBs	Units	BG-8	MDL	Remark
Heptachlor Epoxide	ug/kg	0.35	0.35	U
Hexazinone	ug/kg	3.5	3.5	U
Malathion	ug/kg	3.5	3.5	U
Methamidophos	ug/kg	17	17	U
Methoxychlor	ug/kg	1.7	1.7	U
Metolachlor	ug/kg	10	10	U
Metribuzin	ug/kg	3.5	3.5	U
Mevinphos	ug/kg	7	7	U
Monocrotophos	ug/kg	17	17	U
Naled	ug/kg	14	14	UJ
Norflurazon	ug/kg	3.5	3.5	U
Parathion Ethyl	ug/kg	3.5	3.5	U
Parathion Methyl	ug/kg	3.5	3.5	U
PCB-1016	ug/Kg	10	10	U
PCB-1221	ug/Kg	7	7	U
PCB-1232	ug/Kg	16	16	U
PCB-1242	ug/Kg	10	10	U
PCB-1248	ug/Kg	7	7	U
PCB-1254	ug/Kg	7	7	U
PCB-1260	ug/Kg	10	10	U
Phorate	ug/kg	1.7	1.7	U
Prometryn	ug/kg	3.5	3.5	U
Simazine	ug/kg	1.7	1.7	U
Toxaphene	ug/Kg	26	26	U
Diquat	mg/Kg	0.042	0.042	U
Paraquat	mg/Kg	0.053	0.053	UJ
Metals	Units	BG-8	MDL	Remark
Mercury	mg/Kg	0.0092	0.0039	I
Antimony	mg/Kg	0.14	0.14	UJ

Table 2: Locations BG-8 Soil Sample Analytical Results

Metals	Units	BG-8	MDL	Remark
Arsenic	mg/Kg	0.25	0.055	
Barium	mg/Kg	2.34	0.055	
Beryllium	mg/Kg	0.022	0.022	U
Cadmium	mg/Kg	0.028	0.028	U
Chromium	mg/Kg	0.73	0.14	
Cobalt	mg/Kg	0.064	0.011	
Copper	mg/Kg	0.34	0.14	I
Lead	mg/Kg	4.18	0.21	
Nickel	mg/Kg	0.38	0.14	I
Selenium	mg/Kg	0.11	0.083	I
Silver	mg/Kg	0.0069	0.0069	U
Thallium	mg/Kg	0.028	0.028	U
Zinc	mg/Kg	1.1	1.1	U
Dioxins/Furans	Units	BG-8	MDL	Remark
1,2,3,4,6,7,8-HpCDD	ng/Kg	4.36	2.72	V
1,2,3,4,6,7,8-HpCDF	ng/Kg	0.647	2.72	IJ
1,2,3,4,7,8,9-HpCDF	ng/Kg	0.118	2.72	U
1,2,3,4,7,8-HxCDD	ng/Kg	0.142	2.72	U
1,2,3,4,7,8-HxCDF	ng/Kg	0.134	2.72	IJ
1,2,3,6,7,8-HxCDD	ng/Kg	0.117	2.72	U
1,2,3,6,7,8-HxCDF	ng/Kg	0.111	2.72	U
1,2,3,7,8,9-HxCDD	ng/Kg	0.339	2.72	I
1,2,3,7,8,9-HxCDF	ng/Kg	0.137	2.72	U
1,2,3,7,8-PeCDD	ng/Kg	0.116	2.72	U
1,2,3,7,8-PeCDF	ng/Kg	0.0408	2.72	U
2,3,4,6,7,8-HxCDF	ng/Kg	0.125	2.72	U
2,3,4,7,8-PeCDF	ng/Kg	0.0401	2.72	U
2,3,7,8-TCDD	ng/Kg	0.0591	1.09	U
2,3,7,8-TCDF	ng/Kg	0.0655	1.09	U

Table 2: Locations BG-8 Soil Sample Analytical Results

Dioxins/Furans	Units	BG-8	MDL	Remark
OCDD	ng/Kg	33.6	5.44	V
OCDF	ng/Kg	0.969	5.44	IV
Total Hepta-Dioxins	ng/Kg	11.2	2.72	
Total Hepta-Furans	ng/Kg	0.514	2.72	I
Total Hexa-Dioxins	ng/Kg	2.17	2.72	I
Total Hexa-Furans	ng/Kg	0.586	2.72	I
Total Penta-Dioxins	ng/Kg	0.418	2.72	I
Total Penta-Furans	ng/Kg	0.973	2.72	I
Total Tetra-Dioxins	ng/Kg	0.461	1.09	I
Total Tetra-Furans	ng/Kg	0.632	1.09	I
TEQ	ng/Kg	0.235		

256: Yellow shading indicates analyte was detected at a concentration above a Residential Soil Cleanup Target Level.

Table 3: Location BG-8 Soil Sample Radionuclide Results

Radionuclides	Units	BG-8	Remark
Actinium-228	pCi/g	0.212	U
Actinium-228 Uncertainty	pCi/g	0.119	
Alpha Uncertainty	pCi/g	1.69	
Alpha, Total	pCi/g	3.71	U
Americium-241	pCi/g	0.157	U
Americium-241 Uncertainty	pCi/g	0.0812	
Antimony-124	pCi/g	0.194	U
Antimony-124 Uncertainty	pCi/g	0.117	
Antimony-125	pCi/g	0.101	U
Antimony-125 Uncertainty	pCi/g	0.0558	
Barium-133	pCi/g	0.0499	U
Barium-133 Uncertainty	pCi/g	0.0321	
Barium-140	pCi/g	5.95	U
Barium-140 Uncertainty	pCi/g	3.37	
Beryllium-7	pCi/g	0.666	U
Beryllium-7 Uncertainty	pCi/g	0.37	
Beta Uncertainty	pCi/g	2.38	
Beta, Total	pCi/g	4.44	U
Bismuth-212	pCi/g	0.536	U
Bismuth-212 Uncertainty	pCi/g	0.322	
Bismuth-214	pCi/g	0.123	UJ
Bismuth-214 Uncertainty	pCi/g	0.086	
Cerium-139	pCi/g	0.0375	U
Cerium-139 Uncertainty	pCi/g	0.0224	
Cerium-141	pCi/g	0.189	U
Cerium-141 Uncertainty	pCi/g	0.111	
Cerium-144	pCi/g	0.223	U
Cerium-144 Uncertainty	pCi/g	0.131	
Cesium-134	pCi/g	0.0426	U

Table 3: Location BG-8 Soil Sample Radionuclide Results

Radionuclides	Units	BG-8	Remark
Cesium-134 Uncertainty	pCi/g	0.0228	
Cesium-136	pCi/g	1.94	U
Cesium-136 Uncertainty	pCi/g	1.04	
Cesium-137	pCi/g	0.187	
Cesium-137 Uncertainty	pCi/g	0.0458	
Chromium-51	pCi/g	1.6	U
Chromium-51 Uncertainty	pCi/g	0.966	
Cobalt-56	pCi/g	0.0693	U
Cobalt-56 Uncertainty	pCi/g	0.0417	
Cobalt-57	pCi/g	0.0263	U
Cobalt-57 Uncertainty	pCi/g	0.0148	
Cobalt-58	pCi/g	0.0615	U
Cobalt-58 Uncertainty	pCi/g	0.0297	
Cobalt-60	pCi/g	0.0371	U
Cobalt-60 Uncertainty	pCi/g	0.0225	
Europium-152	pCi/g	0.0973	U
Europium-152 Uncertainty	pCi/g	0.0577	
Europium-154	pCi/g	0.0484	U
Europium-154 Uncertainty	pCi/g	0.0449	
Europium-155	pCi/g	0.0978	U
Europium-155 Uncertainty	pCi/g	0.0524	
Iridium-192	pCi/g	0.0625	U
Iridium-192 Uncertainty	pCi/g	0.0335	
Iron-59	pCi/g	0.16	U
Iron-59 Uncertainty	pCi/g	0.105	
Lead-210	pCi/g	4.41	U
Lead-210 Uncertainty	pCi/g	2.36	
Lead-212	pCi/g	0.0908	U
Lead-212 Uncertainty	pCi/g	0.0496	

Table 3: Location BG-8 Soil Sample Radionuclide Results

Radionuclides	Units	BG-8	Remark
Lead-214	pCi/g	0.122	UJ
Lead-214 Uncertainty	pCi/g	0.0695	
Manganese-54	pCi/g	0.0351	U
Manganese-54 Uncertainty	pCi/g	0.0247	
Mercury-203	pCi/g	0.0954	U
Mercury-203 Uncertainty	pCi/g	0.0526	
Neodymium-147	pCi/g	17.5	U
Neodymium-147 Uncertainty	pCi/g	9.89	
Neptunium-239	pCi/g	0.382	U
Neptunium-239 Uncertainty	pCi/g	0.204	
Niobium-94	pCi/g	0.0356	U
Niobium-94 Uncertainty	pCi/g	0.0193	
Niobium-95	pCi/g	0.0598	U
Niobium-95 Uncertainty	pCi/g	0.0328	
Potassium-40	pCi/g	0.376	U
Potassium-40 Uncertainty	pCi/g	0.267	
Promethium-144	pCi/g	0.0427	U
Promethium-144 Uncertainty	pCi/g	0.0226	
Promethium-146	pCi/g	0.0457	U
Promethium-146 Uncertainty	pCi/g	0.0283	
Radium-228	pCi/g	0.212	U
Radium-228 Uncertainty	pCi/g	0.119	
Ruthenium-106	pCi/g	0.339	U
Ruthenium-106 Uncertainty	pCi/g	0.196	
Silver-110m	pCi/g	0.0484	U
Silver-110m Uncertainty	pCi/g	0.0277	
Sodium-22	pCi/g	0.017	U
Sodium-22 Uncertainty	pCi/g	0.0146	
Thallium-208	pCi/g	0.0358	

Table 3: Location BG-8 Soil Sample Radionuclide Results

Radionuclides	Units	BG-8	Remark
Thallium-208 Uncertainty	pCi/g	0.0306	
Thorium-234	pCi/g	1.26	U
Thorium-234 Uncertainty	pCi/g	0.738	
Tin-113	pCi/g	0.0677	U
Tin-113 Uncertainty	pCi/g	0.0406	
Uranium-235	pCi/g	0.192	U
Uranium-235 Uncertainty	pCi/g	0.117	
Uranium-238	pCi/g	1.26	U
Uranium-238 Uncertainty	pCi/g	0.738	
Yttrium-88	pCi/g	0.0545	U
Yttrium-88 Uncertainty	pCi/g	0.0334	
Zinc-65	pCi/g	0.0503	U
Zinc-65 Uncertainty	pCi/g	0.05	
Zirconium-95	pCi/g	0.105	U
Zirconium-95 Uncertainty	pCi/g	0.0695	

BG-9

**Table 1: Summary of Residential SCTL Exceedances in Soil Samples Collected from BG-9
March/April 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation**

Analyte	Residential SCTL	BG-9
<i>Exceedances</i>		
None		

SCTL=Soil Cleanup Target Level
 ND=Non Detect
 NA=Not Analyzed
 Yellow Shading=Exceedance of SCTL
 ng/Kg= nanogram per Kilogram
 mg/Kg=milligram per Kilogram

Table 2: Locations BG-9 Soil Sample Analytical Results

Volatile Organic Compounds	Units	BG-9	MDL	Remark
1,1,1-Trichloroethane	ug/kg	4.4	4.4	U
1,1,2,2-Tetrachloroethane	ug/kg	11	11	U
1,1,2-Trichloroethane	ug/kg	4.4	4.4	U
1,1-Dichloroethane	ug/kg	4.4	4.4	U
1,1-Dichloroethene	ug/kg	11	11	U
1,2-Dichlorobenzene	ug/kg	11	11	U
1,2-Dichloroethane	ug/kg	4.4	4.4	U
1,2-Dichloropropane	ug/kg	11	11	U
1,3-Dichlorobenzene	ug/kg	11	11	U
1,4-Dichlorobenzene	ug/kg	11	11	U
2-Butanone	ug/kg	110	110	U
2-Chloroethylvinyl ether	ug/kg	11	11	U
Benzene	ug/kg	4.4	4.4	U
Bromodichloromethane	ug/kg	4.4	4.4	U
Bromoform	ug/kg	11	11	UJ
Bromomethane	ug/kg	11	11	U
Carbon tetrachloride	ug/kg	4.4	4.4	U
Chlorobenzene	ug/kg	4.4	4.4	U
Chloroethane	ug/kg	11	11	U
Chloroform	ug/kg	4.4	4.4	U
Chloromethane	ug/kg	11	11	U
cis-1,2-Dichloroethene	ug/kg	11	11	U
cis-1,3-Dichloropropene	ug/kg	11	11	U
Dibromochloromethane	ug/kg	4.4	4.4	U
Ethylbenzene	ug/kg	11	11	U
m,p-Xylene	ug/kg	11	11	U
Methylene chloride	ug/kg	11	11	U
Methyl-t-butyl ether	ug/kg	11	11	U
o-Xylene	ug/kg	4.4	4.4	U

Table 2: Locations BG-9 Soil Sample Analytical Results

Volatile Organic Compounds	Units	BG-9	MDL	Remark
Tetrachloroethene	ug/kg	11	11	U
Toluene	ug/kg	11	11	U
trans-1,2-Dichloroethene	ug/kg	11	11	U
trans-1,3-Dichloropropene	ug/kg	4.4	4.4	U
Trichloroethene	ug/kg	4.4	4.4	U
Trichlorofluoromethane	ug/kg	11	11	U
Vinyl chloride	ug/kg	11	11	U
Semi-Volatile Organic Compounds	Units	BG-9	MDL	Remark
1,2,4-Trichlorobenzene	ug/kg	190	190	U
1-Methylnaphthalene	ug/kg	6.9	6.9	U
1-Methylphenanthrene	ug/kg	6.9	6.9	U
2,3,5-Trimethylnaphthalene	ug/kg	6.9	6.9	U
2,4,6-Trichlorophenol	ug/kg	62	62	U
2,4-Dichlorophenol	ug/kg	62	62	U
2,4-Dimethylphenol	ug/kg	370	370	U
2,4-Dinitrophenol	ug/kg	370	370	U
2,4-Dinitrotoluene	ug/kg	62	62	U
2,6-Dimethylnaphthalene	ug/kg	6.9	6.9	U
2,6-Dinitrotoluene	ug/kg	62	62	U
2-Chloronaphthalene	ug/kg	62	62	U
2-Chlorophenol	ug/kg	190	190	U
2-Methyl-4,6-dinitrophenol	ug/kg	62	62	U
2-Methylnaphthalene	ug/Kg	6.9	6.9	U
2-Nitrophenol	ug/kg	62	62	U
3,3'-Dichlorobenzidine	ug/kg	3700	3700	U
4-Bromophenyl phenyl ether	ug/kg	62	62	U
4-Chloro-3-methylphenol	ug/kg	62	62	U
4-Chlorophenyl phenyl ether	ug/kg	62	62	U
4-Nitrophenol	ug/kg	62	62	U

Table 2: Locations BG-9 Soil Sample Analytical Results

Semi-Volatile Organic Compounds	Units	BG-9	MDL	Remark
Acenaphthene	ug/kg	6.9	6.9	U
Acenaphthylene	ug/kg	6.9	6.9	U
Anthracene	ug/kg	6.9	6.9	U
Azobenzene/1,2-Diphenylhydrazine	ug/kg	62	62	U
Benzidine	ug/kg	1300	1300	U
Benzo(a)anthracene	ug/kg	6.9	6.9	U
Benzo(a)pyrene	ug/kg	6.9	6.9	U
Benzo(b)fluoranthene	ug/kg	6.9	6.9	U
Benzo(g,h,i)perylene	ug/kg	6.9	6.9	U
Benzo(k)fluoranthene	ug/kg	6.9	6.9	U
Biphenyl	ug/kg	6.9	6.9	U
Bis(2-chloroethoxy)methane	ug/kg	62	62	U
Bis(2-chloroethyl)ether	ug/kg	62	62	U
Bis(2-chloroisopropyl)ether	ug/kg	62	62	U
Bis(2-ethylhexyl)phthalate	ug/kg	370	370	U
Butyl benzyl phthalate	ug/kg	62	62	U
Chrysene	ug/kg	6.9	6.9	U
Dibenzo(a,h)anthracene	ug/kg	6.9	6.9	U
Dibenzothiophene	ug/kg	6.9	6.9	U
Diethyl phthalate	ug/kg	62	62	U
Dimethyl phthalate	ug/kg	62	62	U
Di-n-butyl phthalate	ug/kg	370	370	U
Di-n-octyl phthalate	ug/kg	62	62	U
Fluoranthene	ug/kg	6.9	6.9	U
Fluorene	ug/kg	6.9	6.9	U
Hexachlorobenzene	ug/kg	62	62	U
Hexachlorobutadiene	ug/kg	190	190	U
Hexachlorocyclopentadiene	ug/kg	62	62	UJ
Hexachloroethane	ug/kg	190	190	U

Table 2: Locations BG-9 Soil Sample Analytical Results

Semi-Volatile Organic Compounds	Units	BG-9	MDL	Remark
Indeno(1,2,3-cd)pyrene	ug/kg	6.9	6.9	U
Isophorone	ug/kg	62	62	U
Naphthalene	ug/kg	6.9	6.9	U
Nitrobenzene	ug/kg	62	62	U
N-Nitrosodimethylamine	ug/kg	370	370	U
N-Nitrosodi-n-propylamine	ug/kg	62	62	U
N-Nitrosodiphenylamine/ Diphenylamine	ug/kg	62	62	U
Pentachlorophenol	ug/kg	62	62	U
Phenanthrene	ug/kg	6.9	6.9	U
Phenol	ug/kg	62	62	U
Pyrene	ug/kg	6.9	6.9	U
TRPH	mg/kg	11	11	U
Pesticides/Herbicides/PCBs	Units	BG-9	BG-9	Remark
2,4,5-T	ug/kg	6.7	6.7	U
2,4-D	ug/kg	6.7	6.7	UJ
3-Hydroxycarbofuran	ug/kg	0.52	0.52	UJ
Acifluorfen	ug/kg	6.7	6.7	UJ
Aldicarb	ug/kg	0.52	0.52	UJ
Aldicarb Sulfone	ug/kg	0.52	0.52	UJ
Aldicarb Sulfoxide	ug/kg	0.52	0.52	UJ
Carbaryl	ug/kg	0.52	0.52	UJ
Carbofuran	ug/kg	0.52	0.52	UJ
Diuron	ug/kg	6.2	6.2	U
Imidacloprid	ug/kg	6.2	6.2	U
Linuron	ug/kg	6.2	6.2	U
Methiocarb	ug/kg	0.52	0.52	UJ
Methomyl	ug/kg	0.52	0.52	UJ
Oxamyl	ug/kg	0.52	0.52	UJ
Propoxur	ug/kg	0.52	0.52	UJ

Table 2: Locations BG-9 Soil Sample Analytical Results

Pesticides/Herbicides/PCBs	Units	BG-9	MDL	Remark
Silvex	ug/kg	6.7	6.7	U
Alachlor	ug/kg	10	10	U
Aldrin	ug/Kg	0.35	0.35	U
Alpha-BHC	ug/Kg	0.35	0.35	U
Ametryn	ug/kg	1.7	1.7	U
Atrazine	ug/kg	1.7	1.7	U
Azinphos Methyl	ug/kg	5.2	5.2	U
Beta-BHC	ug/Kg	0.35	0.35	U
Bromacil	ug/kg	6.9	6.9	U
Chlordane	ug/Kg	5.2	5.2	U
Chlorpyrifos Ethyl	ug/kg	1.7	1.7	U
Chlorpyrifos Methyl	ug/kg	3.5	3.5	U
DDD-p,p'	ug/Kg	0.69	0.69	U
DDE-p,p'	ug/Kg	0.69	0.69	U
DDT-p,p'	ug/Kg	1	1	U
Delta-BHC	ug/Kg	0.69	0.69	U
Diazinon	ug/kg	1.7	1.7	U
Dieldrin	ug/Kg	0.35	0.35	U
Endosulfan I	ug/Kg	0.35	0.35	U
Endosulfan II	ug/Kg	0.35	0.35	UJ
Endosulfan Sulfate	ug/Kg	0.69	0.69	U
Endrin	ug/Kg	1.7	1.7	U
Endrin Aldehyde	ug/Kg	0.69	0.69	U
Ethion	ug/kg	1.7	1.7	U
Ethoprop	ug/kg	1.7	1.7	U
Fenamiphos	ug/kg	3.5	3.5	U
Fonofos	ug/kg	1.7	1.7	U
Gamma-BHC	ug/Kg	0.35	0.35	U
Heptachlor	ug/Kg	0.35	0.35	U

Table 2: Locations BG-9 Soil Sample Analytical Results

Pesticides/Herbicides/PCBs	Units	BG-9	MDL	Remark
Heptachlor Epoxide	ug/kg	0.35	0.35	U
Hexazinone	ug/kg	3.5	3.5	U
Malathion	ug/kg	3.5	3.5	U
Methamidophos	ug/kg	17	17	U
Methoxychlor	ug/kg	1.7	1.7	U
Metolachlor	ug/kg	10	10	U
Metribuzin	ug/kg	3.5	3.5	U
Mevinphos	ug/kg	6.9	6.9	U
Monocrotophos	ug/kg	17	17	U
Naled	ug/kg	14	14	UJ
Norflurazon	ug/kg	3.5	3.5	U
Parathion Ethyl	ug/kg	3.5	3.5	U
Parathion Methyl	ug/kg	3.5	3.5	U
PCB-1016	ug/Kg	10	10	U
PCB-1221	ug/Kg	6.9	6.9	U
PCB-1232	ug/Kg	16	16	U
PCB-1242	ug/Kg	10	10	U
PCB-1248	ug/Kg	6.9	6.9	U
PCB-1254	ug/Kg	6.9	6.9	U
PCB-1260	ug/Kg	10	10	U
Phorate	ug/kg	1.7	1.7	U
Prometryn	ug/kg	3.5	3.5	U
Simazine	ug/kg	1.7	1.7	U
Toxaphene	ug/Kg	26	26	U
Diquat	mg/Kg	0.042	0.042	U
Paraquat	mg/Kg	0.053	0.053	U
Metals	Units	BG-9	MDL	Remark
Mercury	mg/Kg	0.0050	0.0050	U
Antimony	mg/Kg	0.13	0.13	UJ

Table 2: Locations BG-9 Soil Sample Analytical Results

Metals	Units	BG-9	MDL	Remark
Arsenic	mg/Kg	0.050	0.050	U
Barium	mg/Kg	0.79	0.79	
Beryllium	mg/Kg	0.020	0.020	U
Cadmium	mg/Kg	0.025	0.025	U
Chromium	mg/Kg	0.27	0.27	I
Cobalt	mg/Kg	0.020	0.020	I
Copper	mg/Kg	0.29	0.29	I
Lead	mg/Kg	2.86	2.86	
Nickel	mg/Kg	0.18	0.18	I
Selenium	mg/Kg	0.076	0.076	U
Silver	mg/Kg	0.0063	0.0063	U
Thallium	mg/Kg	0.025	0.025	U
Zinc	mg/Kg	1.0	1.0	U
Dioxins/Furans	Units	BG-9	MDL	Remark
1,2,3,4,6,7,8-HpCDD	ng/Kg	2.37	2.72	IV
1,2,3,4,6,7,8-HpCDF	ng/Kg	0.54	2.72	I
1,2,3,4,7,8,9-HpCDF	ng/Kg	0.101	0.101	U
1,2,3,4,7,8-HxCDD	ng/Kg	0.0655	0.0655	U
1,2,3,4,7,8-HxCDF	ng/Kg	0.180	2.72	I
1,2,3,6,7,8-HxCDD	ng/Kg	0.156	0.156	I
1,2,3,6,7,8-HxCDF	ng/Kg	0.0425	0.0425	U
1,2,3,7,8,9-HxCDD	ng/Kg	0.0586	0.0586	U
1,2,3,7,8,9-HxCDF	ng/Kg	0.0525	0.0525	U
1,2,3,7,8-PeCDD	ng/Kg	0.102	0.102	U
1,2,3,7,8-PeCDF	ng/Kg	0.0513	0.0513	U
2,3,4,6,7,8-HxCDF	ng/Kg	0.048	0.048	U
2,3,4,7,8-PeCDF	ng/Kg	0.0503	0.0503	U
2,3,7,8-TCDD	ng/Kg	0.0828	0.0828	U
2,3,7,8-TCDF	ng/Kg	0.0985	0.0985	U

Table 2: Locations BG-9 Soil Sample Analytical Results

Dioxins/Furans	Units	BG-9	MDL	Remark
OCDD	ng/Kg	13	5.47	V
OCDF	ng/Kg	0.647	5.47	IV
Total Hepta-Dioxins	ng/Kg	6.46	2.72	
Total Hepta-Furans	ng/Kg	0.647	2.72	
Total Hexa-Dioxins	ng/Kg	2.24	2.72	I
Total Hexa-Furans	ng/Kg	0.647	2.72	I
Total Penta-Dioxins	ng/Kg	0.497	2.72	
Total Penta-Furans	ng/Kg	3.67	2.72	
Total Tetra-Dioxins	ng/Kg	0.399	1.09	I
Total Tetra-Furans	ng/Kg	4.17	1.09	
TEQ	ng/Kg	0.189		

256: Yellow shading indicates analyte was detected at a concentration above a Residential Soil Cleanup Target Level.

Table 3: Location BG-9 Soil Sample Radionuclide Results

Radionuclides	Units	BG-9	Remark
Actinium-228	pCi/g	0.135	U
Actinium-228 Uncertainty	pCi/g	0.0787	
Alpha Uncertainty	pCi/g	1.71	
Alpha, Total	pCi/g	2.71	U
Americium-241	pCi/g	0.0717	U
Americium-241 Uncertainty	pCi/g	0.038	
Antimony-124	pCi/g	0.101	U
Antimony-124 Uncertainty	pCi/g	0.0731	
Antimony-125	pCi/g	0.074	U
Antimony-125 Uncertainty	pCi/g	0.0438	
Barium-133	pCi/g	0.0389	U
Barium-133 Uncertainty	pCi/g	0.0262	
Barium-140	pCi/g	4.42	U
Barium-140 Uncertainty	pCi/g	2.48	
Beryllium-7	pCi/g	0.545	U
Beryllium-7 Uncertainty	pCi/g	0.347	
Beta Uncertainty	pCi/g	2.45	
Beta, Total	pCi/g	4.22	
Bismuth-212	pCi/g	0.473	U
Bismuth-212 Uncertainty	pCi/g	0.263	
Bismuth-214	pCi/g	0.0744	U
Bismuth-214 Uncertainty	pCi/g	0.0399	
Cerium-139	pCi/g	0.0281	U
Cerium-139 Uncertainty	pCi/g	0.0155	
Cerium-141	pCi/g	0.156	U
Cerium-141 Uncertainty	pCi/g	0.0839	
Cerium-144	pCi/g	0.175	U
Cerium-144 Uncertainty	pCi/g	0.0952	
Cesium-134	pCi/g	0.0392	U

Table 3: Location BG-9 Soil Sample Radionuclide Results

Radionuclides	Units	BG-9	Remark
Cesium-134 Uncertainty	pCi/g	0.0218	
Cesium-136	pCi/g	1.58	U
Cesium-136 Uncertainty	pCi/g	0.811	
Cesium-137	pCi/g	0.166	
Cesium-137 Uncertainty	pCi/g	0.0369	
Chromium-51	pCi/g	1.18	U
Chromium-51 Uncertainty	pCi/g	0.661	
Cobalt-56	pCi/g	0.0453	U
Cobalt-56 Uncertainty	pCi/g	0.0285	
Cobalt-57	pCi/g	0.0219	U
Cobalt-57 Uncertainty	pCi/g	0.0125	
Cobalt-58	pCi/g	0.056	U
Cobalt-58 Uncertainty	pCi/g	0.0289	
Cobalt-60	pCi/g	0.0286	U
Cobalt-60 Uncertainty	pCi/g	0.0182	
Europium-152	pCi/g	0.076	U
Europium-152 Uncertainty	pCi/g	0.0458	
Europium-154	pCi/g	0.0605	U
Europium-154 Uncertainty	pCi/g	0.0417	
Europium-155	pCi/g	0.064	U
Europium-155 Uncertainty	pCi/g	0.0376	
Iridium-192	pCi/g	0.0513	U
Iridium-192 Uncertainty	pCi/g	0.0277	
Iron-59	pCi/g	0.135	U
Iron-59 Uncertainty	pCi/g	0.0789	
Lead-210	pCi/g	1.4	U
Lead-210 Uncertainty	pCi/g	0.746	
Lead-212	pCi/g	0.0633	U
Lead-212 Uncertainty	pCi/g	0.0398	

Table 3: Location BG-9 Soil Sample Radionuclide Results

Radionuclides	Units	BG-9	Remark
Lead-214	pCi/g	0.0837	U
Lead-214 Uncertainty	pCi/g	0.0452	
Manganese-54	pCi/g	0.0315	U
Manganese-54 Uncertainty	pCi/g	0.0196	
Mercury-203	pCi/g	0.0692	U
Mercury-203 Uncertainty	pCi/g	0.0365	
Neodymium-147	pCi/g	16.1	U
Neodymium-147 Uncertainty	pCi/g	8.61	
Neptunium-239	pCi/g	0.276	U
Neptunium-239 Uncertainty	pCi/g	0.155	
Niobium-94	pCi/g	0.0264	U
Niobium-94 Uncertainty	pCi/g	0.0157	
Niobium-95	pCi/g	0.0588	U
Niobium-95 Uncertainty	pCi/g	0.0336	
Potassium-40	pCi/g	0.325	UJ
Potassium-40 Uncertainty	pCi/g	0.201	
Promethium-144	pCi/g	0.0317	U
Promethium-144 Uncertainty	pCi/g	0.0185	
Promethium-146	pCi/g	0.0365	U
Promethium-146 Uncertainty	pCi/g	0.0202	
Radium-228	pCi/g	0.135	U
Radium-228 Uncertainty	pCi/g	0.0787	
Ruthenium-106	pCi/g	0.296	U
Ruthenium-106 Uncertainty	pCi/g	0.169	
Silver-110m	pCi/g	0.0432	U
Silver-110m Uncertainty	pCi/g	0.0256	
Sodium-22	pCi/g	0.0219	U
Sodium-22 Uncertainty	pCi/g	0.0151	
Thallium-208	pCi/g	0.0346	U

Table 3: Location BG-9 Soil Sample Radionuclide Results

Radionuclides	Units	BG-9	Remark
Thallium-208 Uncertainty	pCi/g	0.0185	
Thorium-234	pCi/g	0.729	U
Thorium-234 Uncertainty	pCi/g	0.398	
Tin-113	pCi/g	0.0539	U
Tin-113 Uncertainty	pCi/g	0.031	
Uranium-235	pCi/g	0.145	U
Uranium-235 Uncertainty	pCi/g	0.0858	
Uranium-238	pCi/g	0.729	U
Uranium-238 Uncertainty	pCi/g	0.398	
Yttrium-88	pCi/g	0.0355	U
Yttrium-88 Uncertainty	pCi/g	0.0287	
Zinc-65	pCi/g	0.0645	U
Zinc-65 Uncertainty	pCi/g	0.0383	
Zirconium-95	pCi/g	0.108	U
Zirconium-95 Uncertainty	pCi/g	0.0548	

BG-10 & BG-11

Table 1: Summary of Residential SCTL Exceedances in Soil Samples Collected from BG-10 and BG-11
March/April 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation

Analyte	Residential SCTL	BG-10	BG-11
<i>Exceedances</i>			
None			

SCTL=Soil Cleanup Target Level
 ND=Non Detect
 NA=Not Analyzed
Yellow Shading=Exceedance of SCTL
 ng/Kg= nanogram per Kilogram
 mg/Kg=milligram per Kilogram

Table 2: Locations BG-10 And BG-11 Soil Sample Analytical Results

Volatile Organic Compounds	Units	BG-10	MDL	Remark	BG-11	MDL	Remark
1,1,1-Trichloroethane	ug/kg	5.3	5.3	UJ	4.6	4.6	U
1,1,2,2-Tetrachloroethane	ug/kg	13	13	UJ	11	11	UJ
1,1,2-Trichloroethane	ug/kg	5.3	5.3	U	4.6	4.6	U
1,1-Dichloroethane	ug/kg	5.3	5.3	U	4.6	4.6	U
1,1-Dichloroethene	ug/kg	13	13	U	11	11	U
1,2-Dichlorobenzene	ug/kg	13	13	U	11	11	U
1,2-Dichloroethane	ug/kg	5.3	5.3	U	4.6	4.6	U
1,2-Dichloropropane	ug/kg	13	13	U	11	11	U
1,3-Dichlorobenzene	ug/kg	13	13	U	11	11	U
1,4-Dichlorobenzene	ug/kg	13	13	U	11	11	U
2-Butanone	ug/kg	130	130	U	110	110	U
2-Chloroethylvinyl ether	ug/kg	13	13	U	11	11	U
Benzene	ug/kg	5.3	5.3	U	4.6	4.6	U
Bromodichloromethane	ug/kg	5.3	5.3	UJ	4.6	4.6	U
Bromoform	ug/kg	13	13	UJ	11	11	UJ
Bromomethane	ug/kg	13	13	UJ	11	11	U
Carbon tetrachloride	ug/kg	5.3	5.3	UJ	4.6	4.6	UJ
Chlorobenzene	ug/kg	5.3	5.3	U	4.6	4.6	U
Chloroethane	ug/kg	13	13	UJ	11	11	U
Chloroform	ug/kg	5.3	5.3	U	4.6	4.6	U
Chloromethane	ug/kg	13	13	U	11	11	U
cis-1,2-Dichloroethene	ug/kg	13	13	U	11	11	U
cis-1,3-Dichloropropene	ug/kg	13	13	UJ	11	11	UJ
Dibromochloromethane	ug/kg	5.3	5.3	UJ	4.6	4.6	U
Ethylbenzene	ug/kg	13	13	U	11	11	U
m,p-Xylene	ug/kg	13	13	U	11	11	U
Methylene chloride	ug/kg	13	13	UJ	11	11	UJ
Methyl-t-butyl ether	ug/kg	13	13	U	11	11	U
o-Xylene	ug/kg	5.3	5.3	U	4.6	4.6	U

Table 2: Locations BG-10 And BG-11 Soil Sample Analytical Results

Volatile Organic Compounds	Units	BG-10	MDL	Remark	BG-11	MDL	Remark
Tetrachloroethene	ug/kg	13	13	U	11	11	U
Toluene	ug/kg	13	13	U	11	11	U
trans-1,2-Dichloroethene	ug/kg	13	13	U	11	11	U
trans-1,3-Dichloropropene	ug/kg	5.3	5.3	UJ	4.6	4.6	U
Trichloroethene	ug/kg	5.3	5.3	U	4.6	4.6	U
Trichlorofluoromethane	ug/kg	13	13	U	11	11	U
Vinyl chloride	ug/kg	13	13	U	11	11	U
Semi-Volatile Organic Compounds	Units	BG-10	MDL	Remark	BG-11	MDL	Remark
1,2,4-Trichlorobenzene	ug/kg	260	260	U	200	200	U
1-Methylnaphthalene	ug/kg	9.7	9.7	U	7.4	7.4	U
1-Methylphenanthrene	ug/kg	9.7	9.7	U	7.4	7.4	U
2,3,5-Trimethylnaphthalene	ug/kg	9.7	9.7	U	7.4	7.4	U
2,4,6-Trichlorophenol	ug/kg	87	87	U	66	66	U
2,4-Dichlorophenol	ug/kg	87	87	U	66	66	U
2,4-Dimethylphenol	ug/kg	520	520	UJ	400	400	UJ
2,4-Dinitrophenol	ug/kg	520	520	U	400	400	U
2,4-Dinitrotoluene	ug/kg	87	87	U	66	66	U
2,6-Dimethylnaphthalene	ug/kg	39	39	U	30	30	U
2,6-Dinitrotoluene	ug/kg	87	87	U	66	66	U
2-Chloronaphthalene	ug/kg	87	87	U	66	66	U
2-Chlorophenol	ug/kg	260	260	U	200	200	U
2-Methyl-4,6-dinitrophenol	ug/kg	87	87	UJ	66	66	UJ
2-Methylnaphthalene	ug/Kg	33	33	U	25	25	U
2-Nitrophenol	ug/kg	87	87	U	66	66	U
3,3'-Dichlorobenzidine	ug/kg	5200	5200	U	4000	4000	U
4-Bromophenyl phenyl ether	ug/kg	87	87	U	66	66	U
4-Chloro-3-methylphenol	ug/kg	87	87	U	66	66	U
4-Chlorophenyl phenyl ether	ug/kg	87	87	U	66	66	U
4-Nitrophenol	ug/kg	87	87	U	66	66	U

Table 2: Locations BG-10 And BG-11 Soil Sample Analytical Results

Semi-Volatile Organic Compounds	Units	BG-10	MDL	Remark	BG-11	MDL	Remark
Acenaphthene	ug/kg	9.7	9.7	U	7.4	7.4	U
Acenaphthylene	ug/kg	9.7	9.7	U	7.4	7.4	U
Anthracene	ug/kg	9.7	9.7	U	7.4	7.4	U
Azobenzene/1,2-Diphenylhydrazine	ug/kg	87	87	U	66	66	U
Benzidine	ug/kg	1900	1900	UJ	1300	1300	UJ
Benzo(a)anthracene	ug/kg	9.7	9.7	U	7.4	7.4	U
Benzo(a)pyrene	ug/kg	9.7	9.7	U	7.4	7.4	U
Benzo(b)fluoranthene	ug/kg	9.7	9.7	U	7.4	7.4	U
Benzo(g,h,i)perylene	ug/kg	9.7	9.7	U	7.4	7.4	U
Benzo(k)fluoranthene	ug/kg	9.7	9.7	U	7.4	7.4	U
Biphenyl	ug/kg	9.7	9.7	U	7.4	7.4	U
Bis(2-chloroethoxy)methane	ug/kg	87	87	U	66	66	U
Bis(2-chloroethyl)ether	ug/kg	87	87	U	66	66	U
Bis(2-chloroisopropyl)ether	ug/kg	87	87	UJ	66	66	UJ
Bis(2-ethylhexyl)phthalate	ug/kg	2.20E+04	2.20E+04	UJ	1.70E+04	1.70E+04	UJ
Butyl benzyl phthalate	ug/kg	87	87	UJ	66	66	UJ
Chrysene	ug/kg	9.7	9.7	U	7.4	7.4	U
Dibenzo(a,h)anthracene	ug/kg	9.7	9.7	U	7.4	7.4	U
Dibenzothiophene	ug/kg	9.7	9.7	U	7.4	7.4	U
Diethyl phthalate	ug/kg	87	87	UJ	66	66	UJ
Dimethyl phthalate	ug/kg	87	87	U	66	66	U
Di-n-butyl phthalate	ug/kg	520	520	U	400	400	U
Di-n-octyl phthalate	ug/kg	87	87	UJ	66	66	UJ
Fluoranthene	ug/kg	9.7	9.7	U	7.4	7.4	U
Fluorene	ug/kg	9.7	9.7	U	7.4	7.4	U
Hexachlorobenzene	ug/kg	87	87	U	66	66	U
Hexachlorobutadiene	ug/kg	260	260	U	200	200	U
Hexachlorocyclopentadiene	ug/kg	87	87	U	66	66	U
Hexachloroethane	ug/kg	260	260	U	200	200	U

Table 2: Locations BG-10 And BG-11 Soil Sample Analytical Results

Semi-Volatile Organic Compounds	Units	BG-10	MDL	Remark	BG-11	MDL	Remark
Indeno(1,2,3-cd)pyrene	ug/kg	9.7	9.7	U	7.4	7.4	U
Isophorone	ug/kg	87	87	U	66	66	U
Naphthalene	ug/kg	9.7	9.7	U	7.4	7.4	U
Nitrobenzene	ug/kg	87	87	U	66	66	U
N-Nitrosodimethylamine	ug/kg	520	520	U	400	400	U
N-Nitrosodi-n-propylamine	ug/kg	87	87	UJ	66	66	UJ
N-Nitrosodiphenylamine/ Diphenylamine	ug/kg	87	87	U	66	66	U
Pentachlorophenol	ug/kg	87	87	U	66	66	U
Phenanthrene	ug/kg	9.7	9.7	U	7.4	7.4	U
Phenol	ug/kg	87	87	U	66	66	U
Pyrene	ug/kg	9.7	9.7	U	7.4	7.4	U
TRPH	mg/kg	44	15	I	35	12	I
Pesticides/Herbicides/PCBs	Units	BG-10	MDL	Remark	BG-11	MDL	Remark
2,4,5-T	ug/kg	9.5	9.5	U	7.2	7.2	U
2,4-D	ug/kg	9.5	9.5	U	7.2	7.2	U
3-Hydroxycarbofuran	ug/kg	0.74	0.74	UJ	0.56	0.56	UJ
Acifluorfen	ug/kg	9.5	9.5	U	7.2	7.2	U
Aldicarb	ug/kg	0.74	0.74	UJ	0.56	0.56	UJ
Aldicarb Sulfone	ug/kg	0.74	0.74	UJ	0.56	0.56	UJ
Aldicarb Sulfoxide	ug/kg	0.74	0.74	UJ	0.56	0.56	UJ
Carbaryl	ug/kg	0.74	0.74	UJ	0.56	0.56	UJ
Carbofuran	ug/kg	0.74	0.74	UJ	0.56	0.56	UJ
Diuron	ug/kg	8.8	8.8	U	6.7	6.7	U
Imidacloprid	ug/kg	8.8	8.8	U	6.7	6.7	U
Linuron	ug/kg	8.8	8.8	U	6.7	6.7	U
Methiocarb	ug/kg	0.74	0.74	UJ	0.56	0.56	UJ
Methomyl	ug/kg	0.74	0.74	UJ	0.56	0.56	UJ
Oxamyl	ug/kg	0.74	0.74	UJ	0.56	0.56	UJ
Propoxur	ug/kg	0.74	0.74	UJ	0.56	0.56	UJ

Table 2: Locations BG-10 And BG-11 Soil Sample Analytical Results

Pesticides/Herbicides/PCBs	Units	BG-10	MDL	Remark	BG-11	MDL	Remark
Silvex	ug/kg	9.5	9.5	U	7.2	7.2	U
Alachlor	ug/kg	15	15	U	11	11	U
Aldrin	ug/Kg	0.49	0.49	U	0.37	0.37	U
Alpha-BHC	ug/Kg	0.49	0.49	U	0.37	0.37	U
Ametryn	ug/kg	2.4	2.4	U	1.8	1.8	U
Atrazine	ug/kg	2.4	2.4	U	1.8	1.8	U
Azinphos Methyl	ug/kg	7.3	7.3	U	5.5	5.5	U
Beta-BHC	ug/Kg	0.49	0.49	U	0.37	0.37	U
Bromacil	ug/kg	9.7	9.7	U	7.4	7.4	U
Chlordane	ug/Kg	7.3	7.3	U	5.5	5.5	U
Chlorpyrifos Ethyl	ug/kg	2.4	2.4	U	1.8	1.8	U
Chlorpyrifos Methyl	ug/kg	4.9	4.9	U	3.7	3.7	U
DDD-p,p'	ug/Kg	0.97	0.97	U	0.74	0.74	U
DDE-p,p'	ug/Kg	0.97	0.97	U	0.74	0.74	U
DDT-p,p'	ug/Kg	3	1.5	I	1.1	1.1	U
Delta-BHC	ug/Kg	0.97	0.97	U	0.74	0.74	U
Diazinon	ug/kg	2.4	2.4	U	1.8	1.8	U
Dieldrin	ug/Kg	0.49	0.49	U	0.37	0.37	U
Endosulfan I	ug/Kg	0.49	0.49	U	0.37	0.37	U
Endosulfan II	ug/Kg	0.49	0.49	U	0.37	0.37	U
Endosulfan Sulfate	ug/Kg	0.97	0.97	U	0.74	0.74	U
Endrin	ug/Kg	2.4	2.4	U	1.8	1.8	U
Endrin Aldehyde	ug/Kg	0.97	0.97	U	0.74	0.74	U
Ethion	ug/kg	2.4	2.4	U	1.8	1.8	U
Ethoprop	ug/kg	2.4	2.4	U	1.8	1.8	U
Fenamiphos	ug/kg	4.9	4.9	U	3.7	3.7	U
Fonofos	ug/kg	2.4	2.4	U	1.8	1.8	U
Gamma-BHC	ug/Kg	0.49	0.49	U	0.37	0.37	U
Heptachlor	ug/Kg	0.49	0.49	U	0.37	0.37	U

Table 2: Locations BG-10 And BG-11 Soil Sample Analytical Results

Pesticides/Herbicides/PCBs	Units	BG-10	MDL	Remark	BG-11	MDL	Remark
Heptachlor Epoxide	ug/kg	0.49	0.49	U	0.37	0.37	U
Hexazinone	ug/kg	4.9	4.9	U	3.7	3.7	U
Malathion	ug/kg	4.9	4.9	U	3.7	3.7	U
Methamidophos	ug/kg	24	24	U	18	18	U
Methoxychlor	ug/kg	2.4	2.4	U	1.8	1.8	U
Metolachlor	ug/kg	15	15	U	11	11	U
Metribuzin	ug/kg	4.9	4.9	U	3.7	3.7	U
Mevinphos	ug/kg	9.7	9.7	U	7.4	7.4	U
Monocrotophos	ug/kg	24	24	U	18	18	U
Naled	ug/kg	19	19	UJ	15	15	UJ
Norflurazon	ug/kg	4.9	4.9	U	3.7	3.7	U
Parathion Ethyl	ug/kg	4.9	4.9	U	3.7	3.7	U
Parathion Methyl	ug/kg	4.9	4.9	U	3.7	3.7	U
PCB-1016	ug/Kg	15	15	U	11	11	U
PCB-1221	ug/Kg	9.7	9.7	U	7.4	7.4	U
PCB-1232	ug/Kg	22	22	U	17	17	U
PCB-1242	ug/Kg	15	15	U	11	11	U
PCB-1248	ug/Kg	9.7	9.7	U	7.4	7.4	U
PCB-1254	ug/Kg	9.7	9.7	U	7.4	7.4	U
PCB-1260	ug/Kg	15	15	U	11	11	U
Phorate	ug/kg	2.4	2.4	U	1.8	1.8	U
Prometryn	ug/kg	4.9	4.9	U	3.7	3.7	U
Simazine	ug/kg	2.4	2.4	U	1.8	1.8	U
Toxaphene	ug/Kg	36	36	U	28	28	U
Diquat	mg/Kg	0.059	0.059	U	0.043	0.043	U
Paraquat	mg/Kg	0.074	0.074	UJ	0.054	0.054	UJ
Metals	Units	BG-10	MDL	Remark	BG-11	MDL	Remark
Mercury	mg/Kg	0.047	0.0076		0.016	0.0042	I
Antimony	mg/Kg	0.18	0.18	U	0.14	0.14	UJ

Table 2: Locations BG-10 And BG-11 Soil Sample Analytical Results

Metals	Units	BG-10	MDL	Remark	BG-11	MDL	Remark
Arsenic	mg/Kg	0.45	0.072		0.065	0.055	I
Barium	mg/Kg	4.5	0.072		1.49	0.055	A
Beryllium	mg/Kg	0.029	0.029	U	0.022	0.022	U
Cadmium	mg/Kg	0.053	0.036	I	0.028	0.028	UJ
Chromium	mg/Kg	1.28	0.18		1.05	0.14	A
Cobalt	mg/Kg	0.148	0.014		0.06	0.011	A
Copper	mg/Kg	9.43	0.18		0.48	0.14	I
Lead	mg/Kg	9.8	0.27		1.47	0.21	A
Nickel	mg/Kg	0.87	0.18		0.37	0.14	I
Selenium	mg/Kg	0.13	0.11	I	0.16	0.083	I
Silver	mg/Kg	0.046	0.009		0.0069	0.0069	UJ
Thallium	mg/Kg	0.036	0.036	U	0.028	0.028	U
Zinc	mg/Kg	23.2	1.4		1.1	1.1	U
Dioxins/Furans	Units	BG-10	MDL	Remark	BG-11	MDL	Remark
1,2,3,4,6,7,8-HpCDD	ng/Kg	0.785	3.41	IV	24	4.23	V
1,2,3,4,6,7,8-HpCDF	ng/Kg	0.558	3.41	I	2.02	4.23	I
1,2,3,4,7,8,9-HpCDF	ng/Kg	0.185	3.41	U	0.163	4.23	U
1,2,3,4,7,8-HxCDD	ng/Kg	0.129	3.41	U	0.108	4.23	U
1,2,3,4,7,8-HxCDF	ng/Kg	0.0493	3.41	U	0.345	4.23	I
1,2,3,6,7,8-HxCDD	ng/Kg	0.114	3.41	U	1.24	4.23	I
1,2,3,6,7,8-HxCDF	ng/Kg	0.0474	3.41	U	0.0904	4.23	U
1,2,3,7,8,9-HxCDD	ng/Kg	0.124	3.41	U	0.549	4.23	I
1,2,3,7,8,9-HxCDF	ng/Kg	0.0617	3.41	U	0.118	4.23	U
1,2,3,7,8-PeCDD	ng/Kg	0.105	3.41	U	0.0789	4.23	U
1,2,3,7,8-PeCDF	ng/Kg	0.0704	3.41	U	0.135	4.23	U
2,3,4,6,7,8-HxCDF	ng/Kg	0.0528	3.41	U	0.101	4.23	U
2,3,4,7,8-PeCDF	ng/Kg	0.0697	3.41	U	0.133	4.23	U
2,3,7,8-TCDD	ng/Kg	0.0588	1.36	U	0.0527	1.69	U
2,3,7,8-TCDF	ng/Kg	0.0625	1.36	U	0.0916	1.69	U

Table 2: Locations BG-10 And BG-11 Soil Sample Analytical Results

Dioxins/Furans	Units	BG-10	MDL	Remark	BG-11	MDL	Remark
OCDD	ng/Kg	7.13	6.82	V	154	8.46	V
OCDF	ng/Kg	2.71	6.82	IV	5.97	8.46	IV
Total Hepta-Dioxins	ng/Kg	1.68	3.41	I	43	4.23	
Total Hepta-Furans	ng/Kg	0.558	3.41	I	5.81	4.23	
Total Hexa-Dioxins	ng/Kg	0.114	3.41	U	9.41	4.23	
Total Hexa-Furans	ng/Kg	0.0474	3.41	U	0.981	4.23	I
Total Penta-Dioxins	ng/Kg	0.105	3.41	U	0.0789	4.23	U
Total Penta-Furans	ng/Kg	0.0697	3.41	U	2.44	4.23	I
Total Tetra-Dioxins	ng/Kg	0.804	1.36	I	0.847	1.69	I
Total Tetra-Furans	ng/Kg	2.56	1.36		9.05	1.69	
TEQ	ng/Kg	0.148			0.618		

256: Yellow shading indicates analyte was detected at a concentration above a Residential Soil Cleanup Target Level.

Table 3: Locations BG-10 and BG-11 Soil Sample Radionuclide Results

Radionuclides	Units	BG-10	Remark	BG-11	Remark
Actinium-228	pCi/g	0.248	UJ	0.189	UJ
Actinium-228 Uncertainty	pCi/g	0.128		0.101	
Alpha Uncertainty	pCi/g	2.1		2.41	
Alpha, Total	pCi/g	3	UJ	3.99	U
Americium-241	pCi/g	0.0925	U	0.0341	U
Americium-241 Uncertainty	pCi/g	0.0532		0.0196	
Antimony-124	pCi/g	0.195	U	0.177	U
Antimony-124 Uncertainty	pCi/g	0.126		0.0821	
Antimony-125	pCi/g	0.104	U	0.0955	U
Antimony-125 Uncertainty	pCi/g	0.0578		0.0512	
Barium-133	pCi/g	0.0487	U	0.0359	U
Barium-133 Uncertainty	pCi/g	0.033		0.0217	
Barium-140	pCi/g	8.51	U	7	U
Barium-140 Uncertainty	pCi/g	4.8		3.96	
Beryllium-7	pCi/g	0.811	U	0.589	U
Beryllium-7 Uncertainty	pCi/g	0.442		0.371	
Beta Uncertainty	pCi/g	2.94		2.69	
Beta, Total	pCi/g	5.46	U	4.75	U
Bismuth-212	pCi/g	0.532	U	0.509	U
Bismuth-212 Uncertainty	pCi/g	0.339		0.272	
Bismuth-214	pCi/g	0.117	U	0.0921	U
Bismuth-214 Uncertainty	pCi/g	0.0826		0.0566	
Cerium-139	pCi/g	0.0381	U	0.0278	U
Cerium-139 Uncertainty	pCi/g	0.0244		0.0163	
Cerium-141	pCi/g	0.211	U	0.154	U
Cerium-141 Uncertainty	pCi/g	0.127		0.0841	
Cerium-144	pCi/g	0.211	U	0.133	U
Cerium-144 Uncertainty	pCi/g	0.126		0.0809	
Cesium-134	pCi/g	0.0489	U	0.0486	U

Table 3: Locations BG-10 and BG-11 Soil Sample Radionuclide Results

Radionuclides	Units	BG-10	Remark	BG-11	Remark
Cesium-134 Uncertainty	pCi/g	0.0257		0.0249	
Cesium-136	pCi/g	2.45	U	1.8	U
Cesium-136 Uncertainty	pCi/g	1.33		1.09	
Cesium-137	pCi/g	0.111		0.0709	U
Cesium-137 Uncertainty	pCi/g	0.0614		0.0356	
Chromium-51	pCi/g	1.82	U	1.36	U
Chromium-51 Uncertainty	pCi/g	1.04		0.734	
Cobalt-56	pCi/g	0.0637	U	0.0516	U
Cobalt-56 Uncertainty	pCi/g	0.0409		0.0346	
Cobalt-57	pCi/g	0.0265	U	0.0184	U
Cobalt-57 Uncertainty	pCi/g	0.0156		0.0102	
Cobalt-58	pCi/g	0.0751	U	0.0531	U
Cobalt-58 Uncertainty	pCi/g	0.0423		0.0327	
Cobalt-60	pCi/g	0.05	U	0.0358	U
Cobalt-60 Uncertainty	pCi/g	0.0274		0.022	
Europium-152	pCi/g	0.0868	U	0.0748	U
Europium-152 Uncertainty	pCi/g	0.0581		0.0474	
Europium-154	pCi/g	0.13	U	0.0734	U
Europium-154 Uncertainty	pCi/g	0.0685		0.0557	
Europium-155	pCi/g	0.0974	U	0.0596	U
Europium-155 Uncertainty	pCi/g	0.0533		0.0323	
Iridium-192	pCi/g	0.0597	U	0.047	U
Iridium-192 Uncertainty	pCi/g	0.0371		0.0288	
Iron-59	pCi/g	0.141	U	0.14	U
Iron-59 Uncertainty	pCi/g	0.112		0.0907	
Lead-210	pCi/g	1.99	U	0.375	
Lead-210 Uncertainty	pCi/g	1.12		0.252	
Lead-212	pCi/g	0.0959	U	0.126	
Lead-212 Uncertainty	pCi/g	0.0756		0.0423	

Table 3: Locations BG-10 and BG-11 Soil Sample Radionuclide Results

Radionuclides	Units	BG-10	Remark	BG-11	Remark
Lead-214	pCi/g	0.149		0.146	
Lead-214 Uncertainty	pCi/g	0.0774		0.0745	
Manganese-54	pCi/g	0.0443	U	0.0373	U
Manganese-54 Uncertainty	pCi/g	0.0276		0.0197	
Mercury-203	pCi/g	0.104	U	0.0746	U
Mercury-203 Uncertainty	pCi/g	0.0604		0.0439	
Neodymium-147	pCi/g	26.3	U	20.6	U
Neodymium-147 Uncertainty	pCi/g	15.7		13.7	
Neptunium-239	pCi/g	0.374	U	0.251	U
Neptunium-239 Uncertainty	pCi/g	0.212		0.14	
Niobium-94	pCi/g	0.0373	U	0.0366	U
Niobium-94 Uncertainty	pCi/g	0.0236		0.0198	
Niobium-95	pCi/g	0.0865	U	0.0628	U
Niobium-95 Uncertainty	pCi/g	0.0486		0.0351	
Potassium-40	pCi/g	0.541	U	0.548	U
Potassium-40 Uncertainty	pCi/g	0.327		0.268	
Promethium-144	pCi/g	0.0411	U	0.0359	U
Promethium-144 Uncertainty	pCi/g	0.0256		0.0201	
Promethium-146	pCi/g	0.0478	U	0.0386	U
Promethium-146 Uncertainty	pCi/g	0.0292		0.0218	
Radium-228	pCi/g	0.248	UJ	0.189	UJ
Radium-228 Uncertainty	pCi/g	0.128		0.101	
Ruthenium-106	pCi/g	0.389	U	0.307	U
Ruthenium-106 Uncertainty	pCi/g	0.219		0.168	
Silver-110m	pCi/g	0.057	U	0.0534	U
Silver-110m Uncertainty	pCi/g	0.0365		0.03	
Sodium-22	pCi/g	0.0476	U	0.0267	U
Sodium-22 Uncertainty	pCi/g	0.025		0.0202	
Thallium-208	pCi/g	0.0388	UJ	0.0391	

Table 3: Locations BG-10 and BG-11 Soil Sample Radionuclide Results

Radionuclides	Units	BG-10	Remark	BG-11	Remark
Thallium-208 Uncertainty	pCi/g	0.0425		0.0301	
Thorium-234	pCi/g	0.984	U	0.482	U
Thorium-234 Uncertainty	pCi/g	0.554		0.253	
Tin-113	pCi/g	0.0719	U	0.0599	U
Tin-113 Uncertainty	pCi/g	0.0391		0.0327	
Uranium-235	pCi/g	0.205	U	0.143	U
Uranium-235 Uncertainty	pCi/g	0.123		0.083	
Uranium-238	pCi/g	0.984	U	0.482	U
Uranium-238 Uncertainty	pCi/g	0.554		0.253	
Yttrium-88	pCi/g	0.0487	U	0.0483	U
Yttrium-88 Uncertainty	pCi/g	0.0345		0.0369	
Zinc-65	pCi/g	0.0647	U	0.0889	U
Zinc-65 Uncertainty	pCi/g	0.0527		0.0552	
Zirconium-95	pCi/g	0.111	U	0.14	U
Zirconium-95 Uncertainty	pCi/g	0.0728		0.0717	