

**Summary of Soil and Drinking Water Sampling Results for residences located in The Acreage
February, March and April 2010**

	Exceedances of DEP Soil Cleanup Target Levels (SCTL)	Exceedances of DEP FDWS/GCTLs in Pre-Treatment Water Samples	Exceedances of DEP FDWS/GCTLs in Post-Treatment Water Samples
A			sodium
B		iron	iron
C			
D		iron	sodium
E			sodium
F	1 benzo(a)pyrene	iron	sodium
G	1 arsenic		sodium
H		iron	
I	2 benzo(a)pyrene, 1 arsenic, 2 TRPH	iron	sodium
J		iron	bromodichloromethane, sodium
K		iron	No sample, well is not connected to home
L	1 benzo(a)pyrene	iron	iron, manganese
M		iron	sodium
N	2 arsenic		
O		iron	
P		total alpha, radium 226/228	iron, sodium
Q	1 arsenic		sodium
R	2 arsenic	iron, manganese	
S			bromodichloromethane, chloromethane, dibromochloromethane, sodium
T			sodium
U			iron
V			sodium
W			manganese
X			
Y		iron, manganese	sodium
Z	1 arsenic		
AA	1 arsenic	sodium	bromodichloromethane, dibromochloromethane, sodium
BB		iron	
CC		sodium	bromodichloromethane, sodium
DD			
EE		iron	sodium
FF		iron, manganese, total alpha, radium 226/228	sodium
GG		iron	sodium
HH	1 benzo(a)pyrene	iron	
II	1 benzo(a)pyrene	iron	

**Example of Soil Data
Transmittal Letter
and Accompanying
Guide to
Understanding Soil
Sampling Results**



Florida Department of Environmental Protection

Bob Martinez Center
2600 Blair Stone Road MS 4500
Tallahassee, Florida 32399-2400

Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

July 19, 2010

Acreage Resident
Loxahatchee, Florida 33470

Dear Acreage Resident:

Your residence is one of the homes in The Acreage where the Department of Environmental Protection (DEP) collected soil samples during March and April, 2010. All of the soil samples have been analyzed and the results certified by the testing laboratory. Based on the results of the soil analyses, DEP believes that in general, residential property in The Acreage is safe for families to enjoy outside activities in their yards.

Enclosed are the results from the soil samples collected from your residence. DEP's Central Laboratory in Tallahassee tested the samples for approximately 200 individual chemicals. In addition, radionuclide samples were analyzed by GEL Laboratories of Charleston, South Carolina, paraquat/diquat samples were analyzed by Sunlabs of Tampa and dioxins were analyzed by Columbia Analytical Services of Houston, Texas.

The soil sampling results are provided in the three enclosed tables. Also enclosed is a guide on how to read the tables so you can better understand what these results mean. The guide also includes an explanation of DEP Soil Cleanup Target Levels (SCTL).

It is important that all residents whose properties were sampled fully understand the sampling results. Joe Lurix of DEP's Southeast District Office has called you to discuss your sampling results and he is available to meet with you if needed. If you have additional questions about the enclosed laboratory analyses please contact DEP's Southeast District Office Outreach Coordinator, Cristina Llorens, at (561) 681-6605 or Cristina.Llorens@dep.state.fl.us. In addition, the Southeast District Office has a webpage dedicated to information about The Acreage where you can sign up for email updates from DEP. Visit the site at www.dep.state.fl.us/southeast/acreage.

If you have health concerns and would like to discuss potential health impacts of the sampling results, please contact the Acreage Neighborhood Information Center at 7040

Acreage Resident
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Seminole Pratt Whitney Road, Suite 22, Loxahatchee, Florida 33470, visit the website www.pbchd.com, or call (561) 798-7082.

Sincerely,

A handwritten signature in dark ink, appearing to read "Mary Jean Yon", written over a circular stamp.

Mary Jean Yon, Director
Division of Waste Management

MJY/wam

Enclosures



Florida Department of Environmental Protection

Bob Martinez Center
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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.

Location 20

Table 1: Summary of Residential SCTL Exceedances in Soil Samples Collected from Location 20
March/April 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation

Analyte	Residential SCTL	20-A	20-A Deep	20-B
Exceedances				
None				

SCTL=Soil Cleanup Target Level

ND=Non Detect

NA=Not Analyzed

Yellow Shading=Exceedance of SCTL

ng/Kg= nanograms per Kilogram

mg/Kg=milligrams per Kilogram

Table 2: Location 20 Soil Sample Chemical Results

Volatile Organic Compounds	Units	20-A	MDL	Remark	20-A Deep	MDL	Remark	20-B	MDL	Remark
1,1,1-Trichloroethane	ug/kg	4.6	4.6	U	5.7	5.7	U	4.8	4.8	U
1,1,2,2-Tetrachloroethane	ug/kg	12	12	UJ	14	14	UJ	12	12	UJ
1,1,2-Trichloroethane	ug/kg	4.6	4.6	U	5.7	5.7	U	4.8	4.8	U
1,1-Dichloroethane	ug/kg	4.6	4.6	U	5.7	5.7	U	4.8	4.8	U
1,1-Dichloroethene	ug/kg	12	12	U	14	14	U	12	12	U
1,2-Dichlorobenzene	ug/kg	12	12	U	14	14	U	12	12	U
1,2-Dichloroethane	ug/kg	4.6	4.6	U	5.7	5.7	U	4.8	4.8	U
1,2-Dichloropropane	ug/kg	12	12	U	14	14	U	12	12	U
1,3-Dichlorobenzene	ug/kg	12	12	U	14	14	U	12	12	U
1,4-Dichlorobenzene	ug/kg	12	12	U	14	14	U	12	12	U
2-Butanone	ug/kg	120	120	U	140	140	UJ	120	120	UJ
2-Chloroethylvinyl ether	ug/kg	12	12	U	14	14	U	12	12	U
Benzene	ug/kg	4.6	4.6	U	5.7	5.7	U	4.8	4.8	U
Bromodichloromethane	ug/kg	4.6	4.6	U	5.7	5.7	U	4.8	4.8	U
Bromoform	ug/kg	12	12	U	14	14	UJ	12	12	UJ
Bromomethane	ug/kg	12	12	U	14	14	U	12	12	U
Carbon tetrachloride	ug/kg	4.6	4.6	U	5.7	5.7	U	4.8	4.8	U
Chlorobenzene	ug/kg	4.6	4.6	U	5.7	5.7	U	4.8	4.8	U
Chloroethane	ug/kg	12	12	U	14	14	U	12	12	U
Chloroform	ug/kg	4.6	4.6	U	5.7	5.7	U	4.8	4.8	U
Chloromethane	ug/kg	12	12	U	14	14	U	12	12	U
cis-1,2-Dichloroethene	ug/kg	12	12	U	14	14	U	12	12	U
cis-1,3-Dichloropropene	ug/kg	12	12	UJ	14	14	U	12	12	U
Dibromochloromethane	ug/kg	4.6	4.6	U	5.7	5.7	U	4.8	4.8	U
Ethylbenzene	ug/kg	12	12	U	14	14	U	12	12	U
m,p-Xylene	ug/kg	12	12	U	14	14	U	12	12	U
Methylene chloride	ug/kg	12	12	U	14	14	U	12	12	U
Methyl-t-butyl ether	ug/kg	12	12	U	14	14	U	12	12	U
o-Xylene	ug/kg	4.6	4.6	U	5.7	5.7	U	4.8	4.8	U

Table 2: Location 20 Soil Sample Chemical Results

Volatile Organic Compounds	Units	20-A	MDL	Remark	20-A Deep	MDL	Remark	20-B	MDL	Remark
Tetrachloroethene	ug/kg	12	12	U	14	14	U	12	12	U
Toluene	ug/kg	12	12	U	14	14	U	12	12	U
trans-1,2-Dichloroethene	ug/kg	12	12	U	14	14	U	12	12	U
trans-1,3-Dichloropropene	ug/kg	4.6	4.6	U	5.7	5.7	U	4.8	4.8	U
Trichloroethene	ug/kg	4.6	4.6	UJ	5.7	5.7	UJ	4.8	4.8	UJ
Trichlorofluoromethane	ug/kg	12	12	U	14	14	U	12	12	U
Vinyl chloride	ug/kg	12	12	U	14	14	U	12	12	U
Semi-Volatile Organic Compounds	Units	20-A	MDL	Remark	20-A Deep	MDL	Remark	20-B	MDL	Remark
1,2,4-Trichlorobenzene	ug/kg	210	210	U	210	210	U	200	200	U
1-Methylnaphthalene	ug/kg	7.8	7.8	U	7.7	7.7	U	7.5	7.5	U
1-Methylphenanthrene	ug/kg	7.8	7.8	U	7.7	7.7	U	7.5	7.5	U
2,3,5-Trimethylnaphthalene	ug/kg	7.8	7.8	U	7.7	7.7	U	7.5	7.5	U
2,4,6-Trichlorophenol	ug/kg	70	70	U	69	69	U	68	68	U
2,4-Dichlorophenol	ug/kg	70	70	U	69	69	U	68	68	U
2,4-Dimethylphenol	ug/kg	420	420	U	410	410	U	410	410	U
2,4-Dinitrophenol	ug/kg	420	420	U	410	410	U	410	410	U
2,4-Dinitrotoluene	ug/kg	70	70	U	69	69	U	68	68	U
2,6-Dimethylnaphthalene	ug/kg	7.8	7.8	U	7.7	7.7	U	7.5	7.5	U
2,6-Dinitrotoluene	ug/kg	70	70	U	69	69	U	68	68	U
2-Chloronaphthalene	ug/kg	70	70	U	69	69	U	68	68	U
2-Chlorophenol	ug/kg	210	210	U	210	210	U	200	200	U
2-Methyl-4,6-dinitrophenol	ug/kg	70	70	UJ	69	69	U	68	68	U
2-Methylnaphthalene	ug/Kg	7.8	7.8	U	7.7	7.7	U	7.5	7.5	U
2-Nitrophenol	ug/kg	70	70	U	69	69	U	68	68	U
3,3'-Dichlorobenzidine	ug/kg	4200	4200	U	4000	4000	UJ	4000	4000	UJ
4-Bromophenyl phenyl ether	ug/kg	70	70	U	69	69	U	68	68	U
4-Chloro-3-methylphenol	ug/kg	70	70	U	69	69	U	68	68	U
4-Chlorophenyl phenyl ether	ug/kg	70	70	U	69	69	U	68	68	U
4-Nitrophenol	ug/kg	70	70	U	69	69	U	68	68	U

Table 2: Location 20 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	20-A	MDL	Remark	20-A Deep	MDL	Remark	20-B	MDL	Remark
Acenaphthene	ug/kg	7.8	7.8	U	7.7	7.7	U	7.5	7.5	U
Acenaphthylene	ug/kg	7.8	7.8	U	7.7	7.7	U	7.5	7.5	U
Anthracene	ug/kg	7.8	7.8	U	7.7	7.7	U	7.5	7.5	U
Azobenzene/1,2-Diphenylhydrazine	ug/kg	70	70	U	69	69	U	68	68	U
Benzidine	ug/kg	1500	1500	U	1500	1500	U	1500	1500	U
Benzo(a)anthracene	ug/kg	7.8	7.8	U	7.7	7.7	U	7.5	7.5	U
Benzo(a)pyrene	ug/kg	7.8	7.8	U	7.7	7.7	U	7.5	7.5	U
Benzo(b)fluoranthene	ug/kg	7.8	7.8	U	7.7	7.7	U	7.5	7.5	U
Benzo(g,h,i)perylene	ug/kg	7.8	7.8	U	7.7	7.7	U	7.5	7.5	U
Benzo(k)fluoranthene	ug/kg	7.8	7.8	U	7.7	7.7	U	7.5	7.5	U
Biphenyl	ug/kg	7.8	7.8	U	7.7	7.7	U	7.5	7.5	U
Bis(2-chloroethoxy)methane	ug/kg	70	70	U	69	69	U	68	68	U
Bis(2-chloroethyl)ether	ug/kg	70	70	U	69	69	U	68	68	U
Bis(2-chloroisopropyl)ether	ug/kg	70	70	U	69	69	U	68	68	U
Bis(2-ethylhexyl)phthalate	ug/kg	420	420	UJ	410	410	UQ	410	410	U
Butyl benzyl phthalate	ug/kg	70	70	U	69	69	U	68	68	U
Chrysene	ug/kg	7.8	7.8	U	7.7	7.7	U	7.5	7.5	U
Dibenzo(a,h)anthracene	ug/kg	7.8	7.8	U	7.7	7.7	U	7.5	7.5	U
Dibenzothiophene	ug/kg	7.8	7.8	U	7.7	7.7	U	7.5	7.5	U
Diethyl phthalate	ug/kg	70	70	U	69	69	U	68	68	U
Dimethyl phthalate	ug/kg	70	70	U	69	69	U	68	68	U
Di-n-butyl phthalate	ug/kg	420	420	UJ	410	410	U	410	410	U
Di-n-octyl phthalate	ug/kg	70	70	UJ	69	69	U	68	68	U
Fluoranthene	ug/kg	7.8	7.8	U	7.7	7.7	U	7.5	7.5	U
Fluorene	ug/kg	7.8	7.8	U	7.7	7.7	U	7.5	7.5	U
Hexachlorobenzene	ug/kg	70	70	U	69	69	U	68	68	U
Hexachlorobutadiene	ug/kg	210	210	U	210	210	U	200	200	U
Hexachlorocyclopentadiene	ug/kg	70	70	U	69	69	UJ	68	68	UJ
Hexachloroethane	ug/kg	210	210	U	210	210	U	200	200	U

Table 2: Location 20 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	20-A	MDL	Remark	20-A Deep	MDL	Remark	20-B	MDL	Remark
Indeno(1,2,3-cd)pyrene	ug/kg	7.8	7.8	U	7.7	7.7	U	7.5	7.5	U
Isophorone	ug/kg	70	70	U	69	69	U	68	68	U
Naphthalene	ug/kg	7.8	7.8	U	7.7	7.7	U	7.5	7.5	U
Nitrobenzene	ug/kg	70	70	U	69	69	U	68	68	U
N-Nitrosodimethylamine	ug/kg	420	420	U	410	410	U	410	410	U
N-Nitrosodi-n-propylamine	ug/kg	70	70	U	69	69	U	68	68	U
N-Nitrosodiphenylamine/ Diphenylamine	ug/kg	70	70	U	69	69	U	68	68	U
Pentachlorophenol	ug/kg	70	70	U	69	69	U	68	68	U
Phenanthrene	ug/kg	7.8	7.8	U	7.7	7.7	U	7.5	7.5	U
Phenol	ug/kg	70	70	U	69	69	U	68	68	U
Pyrene	ug/kg	7.8	7.8	U	7.7	7.7	U	7.5	7.5	U
TRPH	mg/kg	370	12		12	12	U	12	12	U
Pesticides/Herbicides/PCBs	Units	20-A	MDL	Remark	20-A Deep	MDL	Remark	20-B	MDL	Remark
2,4,5-T	ug/kg	7.6	7.6	U						
2,4-D	ug/kg	7.6	7.6	U						
3-Hydroxycarbofuran	ug/kg	0.58	0.58	UJ						
Acifluorfen	ug/kg	7.6	7.6	U						
Aldicarb	ug/kg	0.58	0.58	UJ						
Aldicarb Sulfone	ug/kg	0.58	0.58	UJ						
Aldicarb Sulfoxide	ug/kg	0.58	0.58	UJ						
Carbaryl	ug/kg	0.58	0.58	UJ						
Carbofuran	ug/kg	0.58	0.58	UJ						
Diuron	ug/kg	7	7	U						
Imidacloprid	ug/kg	7	7	U						
Linuron	ug/kg	7	7	U						
Methiocarb	ug/kg	0.58	0.58	UJ						
Methomyl	ug/kg	0.58	0.58	UJ						
Oxamyl	ug/kg	0.58	0.58	UJ						
Propoxur	ug/kg	0.58	0.58	UJ						

Table 2: Location 20 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	20-A	MDL	Remark	20-A Deep	MDL	Remark	20-B	MDL	Remark
Silvex	ug/kg	7.6	7.6	U						
Alachlor	ug/kg	12	12	U	11	11	U	11	11	U
Aldrin	ug/Kg	0.39	0.39	U	0.38	0.38	U	0.38	0.38	U
Alpha-BHC	ug/Kg	0.39	0.39	U	0.38	0.38	U	0.38	0.38	U
Ametryn	ug/kg	1.9	1.9	U	1.9	1.9	U	1.9	1.9	U
Atrazine	ug/kg	1.9	1.9	U	1.9	1.9	U	1.9	1.9	U
Azinphos Methyl	ug/kg	5.8	5.8	U	5.7	5.7	U	5.6	5.6	U
Beta-BHC	ug/Kg	0.39	0.39	U	0.38	0.38	U	0.38	0.38	U
Bromacil	ug/kg	7.8	7.8	U	7.7	7.7	U	7.5	7.5	U
Chlordane	ug/Kg	5.8	5.8	U	5.7	5.7	U	7.5	5.6	I
Chlorpyrifos Ethyl	ug/kg	1.9	1.9	U	1.9	1.9	U	100	1.9	
Chlorpyrifos Methyl	ug/kg	3.9	3.9	U	3.8	3.8	U	3.8	3.8	U
DDD-p,p'	ug/Kg	0.78	0.78	U	0.77	0.77	U	0.75	0.75	U
DDE-p,p'	ug/Kg	0.78	0.78	U	1.8	0.77	I	0.75	0.75	U
DDT-p,p'	ug/Kg	1.2	1.2	U	1.1	1.1	U	1.1	1.1	U
Delta-BHC	ug/Kg	0.78	0.78	U	0.77	0.77	U	0.75	0.75	U
Diazinon	ug/kg	1.9	1.9	U	1.9	1.9	U	1.9	1.9	U
Dieldrin	ug/Kg	0.39	0.39	U	0.38	0.38	U	0.38	0.38	U
Endosulfan I	ug/Kg	0.39	0.39	U	0.38	0.38	U	0.38	0.38	U
Endosulfan II	ug/Kg	0.39	0.39	U	0.38	0.38	UJ	0.38	0.38	UJ
Endosulfan Sulfate	ug/Kg	0.78	0.78	U	0.77	0.77	U	0.75	0.75	U
Endrin	ug/Kg	1.9	1.9	U	1.9	1.9	U	1.9	1.9	U
Endrin Aldehyde	ug/Kg	0.78	0.78	U	0.77	0.77	U	0.75	0.75	U
Ethion	ug/kg	1.9	1.9	U	1.9	1.9	U	1.9	1.9	U
Ethoprop	ug/kg	1.9	1.9	U	1.9	1.9	U	1.9	1.9	U
Fenamiphos	ug/kg	7.8	7.8	UJ	3.8	3.8	U	3.8	3.8	U
Fonofos	ug/kg	1.9	1.9	U	1.9	1.9	U	1.9	1.9	U
Gamma-BHC	ug/Kg	0.39	0.39	U	0.38	0.38	U	0.38	0.38	U
Heptachlor	ug/Kg	0.39	0.39	U	0.38	0.38	U	0.38	0.38	U

Table 2: Location 20 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	20-A	MDL	Remark	20-A Deep	MDL	Remark	20-B	MDL	Remark
Heptachlor Epoxide	ug/kg	0.39	0.39	U	0.38	0.38	U	0.38	0.38	U
Hexazinone	ug/kg	3.9	3.9	U	3.8	3.8	U	3.8	3.8	U
Malathion	ug/kg	3.9	3.9	U	3.8	3.8	U	3.8	3.8	U
Methamidophos	ug/kg	19	19	UJ	19	19	U	19	19	U
Methoxychlor	ug/kg	1.9	1.9	U	1.9	1.9	U	1.9	1.9	U
Metolachlor	ug/kg	12	12	U	11	11	U	11	11	U
Metribuzin	ug/kg	3.9	3.9	U	3.8	3.8	U	3.8	3.8	U
Mevinphos	ug/kg	7.8	7.8	U	7.7	7.7	U	7.5	7.5	U
Monocrotophos	ug/kg	19	19	UJ	19	19	U	19	19	U
Naled	ug/kg	16	16	U	15	15	UJ	15	15	UJ
Norflurazon	ug/kg	3.9	3.9	U	3.8	3.8	U	3.8	3.8	U
Parathion Ethyl	ug/kg	3.9	3.9	U	3.8	3.8	U	3.8	3.8	U
Parathion Methyl	ug/kg	3.9	3.9	U	3.8	3.8	U	3.8	3.8	U
PCB-1016	ug/Kg	12	12	U	11	11	U	11	11	U
PCB-1221	ug/Kg	7.8	7.8	U	7.7	7.7	U	7.5	7.5	U
PCB-1232	ug/Kg	18	18	U	17	17	U	17	17	U
PCB-1242	ug/Kg	12	12	U	11	11	U	11	11	U
PCB-1248	ug/Kg	7.8	7.8	U	7.7	7.7	U	7.5	7.5	U
PCB-1254	ug/Kg	7.8	7.8	U	7.7	7.7	U	7.5	7.5	U
PCB-1260	ug/Kg	12	12	U	11	11	U	11	11	U
Phorate	ug/kg	1.9	1.9	U	1.9	1.9	U	1.9	1.9	U
Prometryn	ug/kg	3.9	3.9	U	3.8	3.8	U	3.8	3.8	U
Simazine	ug/kg	1.9	1.9	U	1.9	1.9	U	1.9	1.9	U
Toxaphene	ug/Kg	29	29	U	29	29	U	28	28	U
Diquat	mg/Kg	0.045	0.045	U						
Paraquat	mg/Kg	0.057	0.057	U						
Metals	Units	20-A	MDL	Remark	20-A Deep	MDL	Remark	20-B	MDL	Remark
Mercury	mg/Kg	0.013	0.0037	I	0.013	0.0043	I	0.024	0.0037	
Antimony	mg/Kg	0.14	0.14	U	0.15	0.15	UJ	0.13	0.13	UJ

Table 2: Location 20 Soil Sample Chemical Results

Metals	Units	20-A	MDL	Remark	20-A Deep	MDL	Remark	20-B	MDL	Remark
Arsenic	mg/Kg	0.85	0.057		0.8	0.059		0.83	0.053	
Barium	mg/Kg	16	0.057		12.6	0.059		17.6	0.053	
Beryllium	mg/Kg	0.176	0.023		0.153	0.023		0.116	0.021	
Cadmium	mg/Kg	0.032	0.028	I	0.029	0.029	U	0.041	0.027	I
Chromium	mg/Kg	5.76	0.14		5.39	0.15		4.24	0.13	
Cobalt	mg/Kg	0.62	0.011		0.455	0.012		0.361	0.011	
Copper	mg/Kg	3.78	0.14		1.55	0.15		7.06	0.13	
Lead	mg/Kg	2.1	0.21		2.08	0.22		2.81	0.2	
Nickel	mg/Kg	1.79	0.14		1.96	0.15		1.13	0.13	
Selenium	mg/Kg	0.2	0.085	I	0.21	0.088	I	0.27	0.08	I
Silver	mg/Kg	0.0075	0.0071	IJ	0.0075	0.0073	I	0.0066	0.0066	U
Thallium	mg/Kg	0.028	0.028	U	0.029	0.029	U	0.027	0.027	U
Zinc	mg/Kg	1.7	1.1	I	2.8	1.2	I	4.8	1.1	
Dioxins/Furans	Units	20-A	MDL	Remark	20-A Deep	MDL	Remark	20-B	MDL	Remark
1,2,3,4,6,7,8-HpCDD	ng/Kg	1.95	2.47	I						
1,2,3,4,6,7,8-HpCDF	ng/Kg	0.132	2.47	IJ						
1,2,3,4,7,8,9-HpCDF	ng/Kg	0.057	2.47	U						
1,2,3,4,7,8-HxCDD	ng/Kg	0.029	2.47	U						
1,2,3,4,7,8-HxCDF	ng/Kg	0.0147	2.47	U						
1,2,3,6,7,8-HxCDD	ng/Kg	0.0605	2.47	IJ						
1,2,3,6,7,8-HxCDF	ng/Kg	0.0142	2.47	U						
1,2,3,7,8,9-HxCDD	ng/Kg	0.0279	2.47	U						
1,2,3,7,8,9-HxCDF	ng/Kg	0.0184	2.47	U						
1,2,3,7,8-PeCDD	ng/Kg	0.0245	2.47	U						
1,2,3,7,8-PeCDF	ng/Kg	0.0246	2.47	U						
2,3,4,6,7,8-HxCDF	ng/Kg	0.0157	2.47	U						
2,3,4,7,8-PeCDF	ng/Kg	0.0243	2.47	U						
2,3,7,8-TCDD	ng/Kg	0.0223	0.987	U						
2,3,7,8-TCDF	ng/Kg	0.0228	0.987	U						

Table 2: Location 20 Soil Sample Chemical Results

Dioxins/Furans	Units	20-A	MDL	Remark	20-A Deep	MDL	Remark	20-B	MDL	Remark
OCDD	ng/Kg	13.6	4.94	V						
OCDF	ng/Kg	1.4	4.94	I						
Total Hepta-Dioxins	ng/Kg	3.8	2.47							
Total Hepta-Furans	ng/Kg	0.261	2.47	I						
Total Hexa-Dioxins	ng/Kg	0.628	2.47	I						
Total Hexa-Furans	ng/Kg	0.0142	2.47	U						
Total Penta-Dioxins	ng/Kg	0.0245	2.47	U						
Total Penta-Furans	ng/Kg	0.0597	2.47	I						
Total Tetra-Dioxins	ng/Kg	0.832	0.987	I						
Total Tetra-Furans	ng/Kg	0.405	0.987	I						
Calculated Total Toxicity Equivalents (TEQ)	Units	20-A			20-A Deep			20-B		
Dioxins as total 2,3,7,8-TCDD	ng/Kg	0.066								
Total benzo(a)pyrene	mg/Kg									

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

Table 3: Location 20 Soil Sample Radionuclide Results

Radionuclides	Units	20-A	Remark	20-A Deep	Remark	20-B	Remark
Actinium-228	pCi/g	0.207	U	0.212	UJ	0.227	
Actinium-228 Uncertainty	pCi/g	0.108		0.107		0.11	
Alpha Uncertainty	pCi/g	2.47		2.89		2.62	
Alpha, Total	pCi/g	3.32		5.61		4.41	
Americium-241	pCi/g	0.245	U	0.125	U	0.154	U
Americium-241 Uncertainty	pCi/g	0.138		0.0683		0.0835	
Antimony-124	pCi/g	0.166	U	0.137	U	0.13	U
Antimony-124 Uncertainty	pCi/g	0.0869		0.0909		0.0687	
Antimony-125	pCi/g	0.105	U	0.0849	U	0.0667	U
Antimony-125 Uncertainty	pCi/g	0.058		0.0499		0.0388	
Barium-133	pCi/g	0.0483	U	0.0377	U	0.0319	U
Barium-133 Uncertainty	pCi/g	0.029		0.0258		0.021	
Barium-140	pCi/g	5.79	U	5.87	U	4.49	U
Barium-140 Uncertainty	pCi/g	3.35		3.24		2.72	
Beryllium-7	pCi/g	0.789	U	0.644	U	0.458	U
Beryllium-7 Uncertainty	pCi/g	0.406		0.384		0.275	
Beta Uncertainty	pCi/g	1.96		1.96		2.07	
Beta, Total	pCi/g	2.95		2.98	U	3.27	
Bismuth-212	pCi/g	0.59	U	0.541	U	0.472	U
Bismuth-212 Uncertainty	pCi/g	0.337		0.294		0.301	
Bismuth-214	pCi/g	0.15	UJ	0.263		0.239	
Bismuth-214 Uncertainty	pCi/g	0.0981		0.0795		0.073	
Cerium-139	pCi/g	0.0424	U	0.0367	U	0.0336	U
Cerium-139 Uncertainty	pCi/g	0.0248		0.0197		0.0174	
Cerium-141	pCi/g	0.236	U	0.186	U	0.18	U
Cerium-141 Uncertainty	pCi/g	0.127		0.107		0.106	
Cerium-144	pCi/g	0.256	U	0.195	U	0.174	U
Cerium-144 Uncertainty	pCi/g	0.138		0.106		0.104	

Table 3: Location 20 Soil Sample Radionuclide Results

Radionuclides	Units	20-A	Remark	20-A Deep	Remark	20-B	Remark
Cesium-134	pCi/g	0.0443	U	0.045	U	0.0335	U
Cesium-134 Uncertainty	pCi/g	0.0241		0.0252		0.0228	
Cesium-136	pCi/g	1.88	U	2.01	U	1.92	U
Cesium-136 Uncertainty	pCi/g	1.16		1.07		1	
Cesium-137	pCi/g	0.0364	U	0.0399	U	0.033	U
Cesium-137 Uncertainty	pCi/g	0.0212		0.0314		0.0178	
Chromium-51	pCi/g	1.84	U	1.33	U	1.13	U
Chromium-51 Uncertainty	pCi/g	1.04		0.783		0.664	
Cobalt-56	pCi/g	0.064	U	0.0579	U	0.0531	U
Cobalt-56 Uncertainty	pCi/g	0.035		0.0354		0.0307	
Cobalt-57	pCi/g	0.0309	U	0.0252	U	0.0244	U
Cobalt-57 Uncertainty	pCi/g	0.0171		0.0137		0.0136	
Cobalt-58	pCi/g	0.0598	U	0.0575	U	0.0532	U
Cobalt-58 Uncertainty	pCi/g	0.0343		0.0372		0.0317	
Cobalt-60	pCi/g	0.0325	U	0.045	U	0.0248	U
Cobalt-60 Uncertainty	pCi/g	0.0187		0.0247		0.0162	
Europium-152	pCi/g	0.1	U	0.0862	U	0.0792	U
Europium-152 Uncertainty	pCi/g	0.061		0.0515		0.0512	
Europium-154	pCi/g	0.105	U	0.0894	U	0.0834	U
Europium-154 Uncertainty	pCi/g	0.0596		0.0532		0.0492	
Europium-155	pCi/g	0.115	U	0.0985	U	0.0877	U
Europium-155 Uncertainty	pCi/g	0.065		0.053		0.0481	
Iridium-192	pCi/g	0.0685	U	0.0572	U	0.041	U
Iridium-192 Uncertainty	pCi/g	0.0389		0.0329		0.0245	
Iron-59	pCi/g	0.198	U	0.138	U	0.142	U
Iron-59 Uncertainty	pCi/g	0.11		0.0871		0.0917	
Lead-210	pCi/g	12.2	U	2.73	U	5.63	U
Lead-210 Uncertainty	pCi/g	6.08		1.55		2.77	

Table 3: Location 20 Soil Sample Radionuclide Results

Radionuclides	Units	20-A	Remark	20-A Deep	Remark	20-B	Remark
Lead-212	pCi/g	0.236		0.194		0.182	
Lead-212 Uncertainty	pCi/g	0.067		0.0482		0.0425	
Lead-214	pCi/g	0.334		0.321		0.339	
Lead-214 Uncertainty	pCi/g	0.0954		0.0763		0.0797	
Manganese-54	pCi/g	0.0368	U	0.0335	U	0.0321	U
Manganese-54 Uncertainty	pCi/g	0.0224		0.0222		0.0188	
Mercury-203	pCi/g	0.1	U	0.0827	U	0.0719	U
Mercury-203 Uncertainty	pCi/g	0.0624		0.0488		0.0393	
Neodymium-147	pCi/g	18.5	U	17	U	15.4	U
Neodymium-147 Uncertainty	pCi/g	10.7		10.2		8.64	
Neptunium-239	pCi/g	0.436	U	0.368	U	0.298	U
Neptunium-239 Uncertainty	pCi/g	0.245		0.195		0.172	
Niobium-94	pCi/g	0.0352	U	0.0357	U	0.0265	U
Niobium-94 Uncertainty	pCi/g	0.0191		0.0188		0.0142	
Niobium-95	pCi/g	0.0808	U	0.071	U	0.0534	UJ
Niobium-95 Uncertainty	pCi/g	0.044		0.0407		0.0479	
Potassium-40	pCi/g	0.575	U	0.539	U	1.45	
Potassium-40 Uncertainty	pCi/g	0.301		0.281		0.408	
Promethium-144	pCi/g	0.0421	U	0.035	U	0.0255	U
Promethium-144 Uncertainty	pCi/g	0.0215		0.0207		0.0158	
Promethium-146	pCi/g	0.0441	U	0.0384	U	0.0292	U
Promethium-146 Uncertainty	pCi/g	0.0246		0.0224		0.0178	
Radium-228	pCi/g	0.207	U	0.212	UJ	0.227	
Radium-228 Uncertainty	pCi/g	0.108		0.107		0.11	
Ruthenium-106	pCi/g	0.415	U	0.293	U	0.276	U
Ruthenium-106 Uncertainty	pCi/g	0.233		0.182		0.162	
Silver-110m	pCi/g	0.0501	U	0.0541	U	0.0368	U
Silver-110m Uncertainty	pCi/g	0.0276		0.0343		0.0223	

Table 3: Location 20 Soil Sample Radionuclide Results

Radionuclides	Units	20-A	Remark	20-A Deep	Remark	20-B	Remark
Sodium-22	pCi/g	0.0382	U	0.0325	U	0.0303	U
Sodium-22 Uncertainty	pCi/g	0.0217		0.019		0.0179	
Thallium-208	pCi/g	0.0668		0.0834		0.0521	
Thallium-208 Uncertainty	pCi/g	0.0417		0.0323		0.0277	
Thorium-234	pCi/g	2.22	U	1.22	U	1.45	U
Thorium-234 Uncertainty	pCi/g	1.14		0.645		0.779	
Tin-113	pCi/g	0.0655	U	0.0649	U	0.0468	U
Tin-113 Uncertainty	pCi/g	0.0387		0.0329		0.0255	
Uranium-235	pCi/g	0.229	U	0.193	U	0.177	U
Uranium-235 Uncertainty	pCi/g	0.132		0.108		0.105	
Uranium-238	pCi/g	2.22	U	1.22	U	1.45	U
Uranium-238 Uncertainty	pCi/g	1.14		0.645		0.779	
Yttrium-88	pCi/g	0.0482	U	0.0591	U	0.0393	U
Yttrium-88 Uncertainty	pCi/g	0.0248		0.0383		0.0236	
Zinc-65	pCi/g	0.0725	U	0.0653	U	0.0655	U
Zinc-65 Uncertainty	pCi/g	0.0607		0.042		0.0438	
Zirconium-95	pCi/g	0.138	U	0.114	U	0.0869	U
Zirconium-95 Uncertainty	pCi/g	0.0759		0.0592		0.0524	

Location 21

Table 1: Summary of Residential SCTL Exceedances in Soil Samples Collected from Location 21
March/April 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation

Analyte	Residential SCTL	21-A	21-A Deep	21-B
Exceedances				
None				

SCTL=Soil Cleanup Target Level

ND=Non Detect

NA=Not Analyzed

Yellow Shading=Exceedance of SCTL

ng/Kg= nanograms per Kilogram

mg/Kg=milligrams per Kilogram

Table 2: Location 21 Soil Sample Chemical Results

Volatile Organic Compounds	Units	21-A	MDL	Remark	21-A Deep	MDL	Remark	21-B	MDL	Remark
1,1,1-Trichloroethane	ug/kg	5	5	U	4.5	4.5	U	4.6	4.6	U
1,1,2,2-Tetrachloroethane	ug/kg	13	13	U	11	11	UJ	11	11	UJ
1,1,2-Trichloroethane	ug/kg	5	5	U	4.5	4.5	U	4.6	4.6	U
1,1-Dichloroethane	ug/kg	5	5	U	4.5	4.5	U	4.6	4.6	U
1,1-Dichloroethene	ug/kg	13	13	U	11	11	U	11	11	U
1,2-Dichlorobenzene	ug/kg	13	13	U	11	11	U	11	11	U
1,2-Dichloroethane	ug/kg	5	5	U	4.5	4.5	U	4.6	4.6	U
1,2-Dichloropropane	ug/kg	13	13	U	11	11	U	11	11	U
1,3-Dichlorobenzene	ug/kg	13	13	U	11	11	U	11	11	U
1,4-Dichlorobenzene	ug/kg	13	13	U	11	11	U	11	11	U
2-Butanone	ug/kg	130	130	U	110	110	U	110	110	U
2-Chloroethylvinyl ether	ug/kg	13	13	U	11	11	U	11	11	U
Benzene	ug/kg	5	5	U	4.5	4.5	U	4.6	4.6	U
Bromodichloromethane	ug/kg	5	5	U	4.5	4.5	U	4.6	4.6	U
Bromoform	ug/kg	13	13	UJ	11	11	UJ	11	11	UJ
Bromomethane	ug/kg	13	13	U	11	11	U	11	11	U
Carbon tetrachloride	ug/kg	5	5	U	4.5	4.5	U	4.6	4.6	U
Chlorobenzene	ug/kg	5	5	U	4.5	4.5	U	4.6	4.6	U
Chloroethane	ug/kg	13	13	U	11	11	U	11	11	U
Chloroform	ug/kg	5	5	U	4.5	4.5	U	4.6	4.6	U
Chloromethane	ug/kg	13	13	U	11	11	U	11	11	U
cis-1,2-Dichloroethene	ug/kg	13	13	U	11	11	U	11	11	U
cis-1,3-Dichloropropene	ug/kg	13	13	U	11	11	UJ	11	11	UJ
Dibromochloromethane	ug/kg	5	5	U	4.5	4.5	UJ	4.6	4.6	UJ
Ethylbenzene	ug/kg	13	13	U	11	11	U	11	11	U
m,p-Xylene	ug/kg	13	13	U	11	11	U	11	11	U
Methylene chloride	ug/kg	13	13	U	11	11	U	11	11	U
Methyl-t-butyl ether	ug/kg	13	13	U	11	11	U	11	11	U
o-Xylene	ug/kg	5	5	U	4.5	4.5	U	4.6	4.6	U

Table 2: Location 21 Soil Sample Chemical Results

Volatile Organic Compounds	Units	21-A	MDL	Remark	21-A Deep	MDL	Remark	21-B	MDL	Remark
Tetrachloroethene	ug/kg	13	13	U	11	11	U	11	11	U
Toluene	ug/kg	13	13	U	11	11	U	11	11	U
trans-1,2-Dichloroethene	ug/kg	13	13	U	11	11	U	11	11	U
trans-1,3-Dichloropropene	ug/kg	5	5	U	4.5	4.5	UJ	4.6	4.6	UJ
Trichloroethene	ug/kg	5	5	U	4.5	4.5	UJ	4.6	4.6	UJ
Trichlorofluoromethane	ug/kg	13	13	U	11	11	U	11	11	U
Vinyl chloride	ug/kg	13	13	U	11	11	U	11	11	U
Semi-Volatile Organic Compounds	Units	21-A	MDL	Remark	21-A Deep	MDL	Remark	21-B	MDL	Remark
1,2,4-Trichlorobenzene	ug/kg	210	210	U	200	200	U	210	210	U
1-Methylnaphthalene	ug/kg	7.6	7.6	U	6.7	6.7	UQ	7.6	7.6	U
1-Methylphenanthrene	ug/kg	6.7	6.7	UJQ	6.7	6.7	UJQ	7.6	7.6	U
2,3,5-Trimethylnaphthalene	ug/kg	7.6	7.6	U	6.7	6.7	UQ	7.6	7.6	U
2,4,6-Trichlorophenol	ug/kg	69	69	U	65	65	U	69	69	U
2,4-Dichlorophenol	ug/kg	69	69	U	65	65	U	69	69	U
2,4-Dimethylphenol	ug/kg	410	410	U	390	390	UJ	410	410	UJ
2,4-Dinitrophenol	ug/kg	410	410	U	390	390	U	410	410	U
2,4-Dinitrotoluene	ug/kg	69	69	U	65	65	U	69	69	U
2,6-Dimethylnaphthalene	ug/kg	7.6	7.6	U	6.7	6.7	UQ	31	31	U
2,6-Dinitrotoluene	ug/kg	69	69	U	65	65	U	69	69	U
2-Chloronaphthalene	ug/kg	69	69	U	65	65	U	69	69	U
2-Chlorophenol	ug/kg	210	210	U	200	200	U	210	210	U
2-Methyl-4,6-dinitrophenol	ug/kg	69	69	U	65	65	UJ	69	69	UJ
2-Methylnaphthalene	ug/Kg	7.6	7.6	U	6.7	6.7	UQ	26	26	U
2-Nitrophenol	ug/kg	69	69	U	65	65	U	69	69	U
3,3'-Dichlorobenzidine	ug/kg	4000	4000	UJ	3900	3900	UJ	4000	4000	U
4-Bromophenyl phenyl ether	ug/kg	69	69	U	65	65	UJ	69	69	U
4-Chloro-3-methylphenol	ug/kg	69	69	U	65	65	U	69	69	U
4-Chlorophenyl phenyl ether	ug/kg	69	69	U	65	65	U	69	69	U
4-Nitrophenol	ug/kg	69	69	U	65	65	U	69	69	U

Table 2: Location 21 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	21-A	MDL	Remark	21-A Deep	MDL	Remark	21-B	MDL	Remark
Acenaphthene	ug/kg	7.6	7.6	U	7.3	7.3	U	7.6	7.6	U
Acenaphthylene	ug/kg	6.7	6.7	UQ	7.3	7.3	U	7.6	7.6	U
Anthracene	ug/kg	6.7	6.7	UJQ	7.3	7.3	UJ	7.6	7.6	U
Azobenzene/1,2-Diphenylhydrazine	ug/kg	69	69	U	65	65	UJ	69	69	U
Benzidine	ug/kg	1500	1500	U	1400	1400	UJ	1500	1500	UJ
Benzo(a)anthracene	ug/kg	6.7	6.7	UJQ	7.3	7.3	UJ	8	7.6	I
Benzo(a)pyrene	ug/kg	6.7	6.7	UJQ	35	7.3	J	14	7.6	I
Benzo(b)fluoranthene	ug/kg	6.7	6.7	UJQ	7.3	7.3	UJ	22	7.6	I
Benzo(g,h,i)perylene	ug/kg	6.7	6.7	UJQ	7.3	7.3	UJ	13	7.6	I
Benzo(k)fluoranthene	ug/kg	6.7	6.7	UJQ	7.3	7.3	UJ	7.6	7.6	U
Biphenyl	ug/kg	7.6	7.6	U	6.7	6.7	UQ	7.6	7.6	U
Bis(2-chloroethoxy)methane	ug/kg	69	69	U	65	65	U	69	69	U
Bis(2-chloroethyl)ether	ug/kg	69	69	U	65	65	U	69	69	U
Bis(2-chloroisopropyl)ether	ug/kg	69	69	U	65	65	UJ	69	69	UJ
Bis(2-ethylhexyl)phthalate	ug/kg	410	410	U	390	390	UQ	1.70E+04	1.70E+04	UJ
Butyl benzyl phthalate	ug/kg	69	69	U	65	65	UQ	69	69	UJ
Chrysene	ug/kg	6.7	6.7	UJQ	7.3	7.3	UJ	10	7.6	I
Dibenzo(a,h)anthracene	ug/kg	6.7	6.7	UJQ	7.3	7.3	UJ	7.6	7.6	U
Dibenzothiophene	ug/kg	7.6	7.6	U	7.3	7.3	UJ	7.6	7.6	U
Diethyl phthalate	ug/kg	69	69	U	65	65	UJ	69	69	UJ
Dimethyl phthalate	ug/kg	69	69	U	65	65	U	69	69	U
Di-n-butyl phthalate	ug/kg	410	410	U	390	390	UQ	410	410	U
Di-n-octyl phthalate	ug/kg	69	69	U	65	65	UJ	69	69	UJ
Fluoranthene	ug/kg	6.7	6.7	UJQ	9.5	7.3	IJ	7.6	7.6	U
Fluorene	ug/kg	7.6	7.6	U	6.7	6.7	UQ	7.6	7.6	U
Hexachlorobenzene	ug/kg	69	69	U	65	65	UJ	69	69	U
Hexachlorobutadiene	ug/kg	210	210	U	200	200	U	210	210	U
Hexachlorocyclopentadiene	ug/kg	69	69	UJ	65	65	U	69	69	U
Hexachloroethane	ug/kg	210	210	U	200	200	U	210	210	U

Table 2: Location 21 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	21-A	MDL	Remark	21-A Deep	MDL	Remark	21-B	MDL	Remark
Indeno(1,2,3-cd)pyrene	ug/kg	6.7	6.7	UJQ	7.3	7.3	UJ	11	7.6	I
Isophorone	ug/kg	69	69	U	65	65	U	69	69	U
Naphthalene	ug/kg	7.6	7.6	U	6.7	6.7	UQ	7.6	7.6	U
Nitrobenzene	ug/kg	69	69	U	65	65	U	69	69	U
N-Nitrosodimethylamine	ug/kg	410	410	U	390	390	U	410	410	U
N-Nitrosodi-n-propylamine	ug/kg	69	69	U	65	65	UJ	69	69	UJ
N-Nitrosodiphenylamine/ Diphenylamine	ug/kg	69	69	U	65	65	UJ	69	69	U
Pentachlorophenol	ug/kg	69	69	U	65	65	U	69	69	U
Phenanthrene	ug/kg	6.7	6.7	UJQ	6.7	6.7	UJQ	7.6	7.6	U
Phenol	ug/kg	69	69	U	65	65	U	69	69	U
Pyrene	ug/kg	6.7	6.7	UJQ	7.3	7.3	UJ	8	7.6	I
TRPH	mg/kg	14	12	I	11	11	U	18	12	I
Pesticides/Herbicides/PCBs	Units	21-A	MDL	Remark	21-A Deep	MDL	Remark	21-B	MDL	Remark
2,4,5-T	ug/kg	7.4	7.4	U						
2,4-D	ug/kg	7.4	7.4	U						
3-Hydroxycarbofuran	ug/kg	0.57	0.57	UJ						
Acifluorfen	ug/kg	7.4	7.4	U						
Aldicarb	ug/kg	0.57	0.57	UJ						
Aldicarb Sulfone	ug/kg	0.57	0.57	UJ						
Aldicarb Sulfoxide	ug/kg	0.57	0.57	UJ						
Carbaryl	ug/kg	0.57	0.57	UJ						
Carbofuran	ug/kg	0.57	0.57	UJ						
Diuron	ug/kg	6.8	6.8	U						
Imidacloprid	ug/kg	14	6.8	I						
Linuron	ug/kg	6.8	6.8	U						
Methiocarb	ug/kg	0.57	0.57	UJ						
Methomyl	ug/kg	0.57	0.57	UJ						
Oxamyl	ug/kg	0.57	0.57	UJ						
Propoxur	ug/kg	0.57	0.57	UJ						

Table 2: Location 21 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	21-A	MDL	Remark	21-A Deep	MDL	Remark	21-B	MDL	Remark
Silvex	ug/kg	7.4	7.4	U						
Alachlor	ug/kg	11	11	U	11	11	U	11	11	U
Aldrin	ug/Kg	0.38	0.38	U	0.36	0.36	U	0.38	0.38	U
Alpha-BHC	ug/Kg	0.38	0.38	U	0.36	0.36	U	0.38	0.38	U
Ametryn	ug/kg	1.9	1.9	U	1.8	1.8	U	1.9	1.9	U
Atrazine	ug/kg	1.9	1.9	U	1.8	1.8	U	1.9	1.9	U
Azinphos Methyl	ug/kg	5.7	5.7	U	5.5	5.5	U	5.7	5.7	U
Beta-BHC	ug/Kg	0.38	0.38	U	0.36	0.36	U	0.38	0.38	U
Bromacil	ug/kg	7.6	7.6	U	7.3	7.3	U	7.6	7.6	U
Chlordane	ug/Kg	5.7	5.7	U	5.5	5.5	U	9.9	5.7	I
Chlorpyrifos Ethyl	ug/kg	1.9	1.9	U	1.8	1.8	U	1.9	1.9	U
Chlorpyrifos Methyl	ug/kg	3.8	3.8	U	3.6	3.6	U	3.8	3.8	U
DDD-p,p'	ug/Kg	0.76	0.76	U	0.73	0.73	U	0.76	0.76	U
DDE-p,p'	ug/Kg	0.76	0.76	U	0.73	0.73	U	0.76	0.76	U
DDT-p,p'	ug/Kg	1.1	1.1	U	1.1	1.1	U	1.1	1.1	U
Delta-BHC	ug/Kg	0.76	0.76	U	0.73	0.73	U	0.76	0.76	U
Diazinon	ug/kg	1.9	1.9	U	1.8	1.8	U	1.9	1.9	U
Dieldrin	ug/Kg	0.38	0.38	U	0.36	0.36	U	0.38	0.38	U
Endosulfan I	ug/Kg	0.38	0.38	U	0.36	0.36	U	0.38	0.38	U
Endosulfan II	ug/Kg	0.38	0.38	U	0.36	0.36	U	0.38	0.38	U
Endosulfan Sulfate	ug/Kg	0.76	0.76	U	0.73	0.73	U	0.76	0.76	U
Endrin	ug/Kg	1.9	1.9	U	1.8	1.8	U	1.9	1.9	U
Endrin Aldehyde	ug/Kg	0.76	0.76	U	0.73	0.73	U	0.76	0.76	U
Ethion	ug/kg	1.9	1.9	U	1.8	1.8	U	1.9	1.9	U
Ethoprop	ug/kg	1.9	1.9	U	1.8	1.8	U	1.9	1.9	U
Fenamiphos	ug/kg	3.8	3.8	U	3.6	3.6	U	3.8	3.8	U
Fonofos	ug/kg	1.9	1.9	U	1.8	1.8	U	1.9	1.9	U
Gamma-BHC	ug/Kg	0.38	0.38	U	0.36	0.36	U	0.38	0.38	U
Heptachlor	ug/Kg	0.38	0.38	U	0.36	0.36	U	0.38	0.38	U

Table 2: Location 21 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	21-A	MDL	Remark	21-A Deep	MDL	Remark	21-B	MDL	Remark
Heptachlor Epoxide	ug/kg	0.38	0.38	U	0.36	0.36	U	0.38	0.38	U
Hexazinone	ug/kg	3.8	3.8	U	3.6	3.6	U	3.8	3.8	U
Malathion	ug/kg	3.8	3.8	U	3.6	3.6	U	3.8	3.8	U
Methamidophos	ug/kg	19	19	U	18	18	U	19	19	U
Methoxychlor	ug/kg	1.9	1.9	U	1.8	1.8	U	1.9	1.9	U
Metolachlor	ug/kg	11	11	U	11	11	U	11	11	U
Metribuzin	ug/kg	3.8	3.8	U	3.6	3.6	U	3.8	3.8	U
Mevinphos	ug/kg	7.6	7.6	U	7.3	7.3	U	7.6	7.6	U
Monocrotophos	ug/kg	19	19	U	18	18	U	19	19	U
Naled	ug/kg	15	15	UJ	15	15	UJ	15	15	UJ
Norflurazon	ug/kg	3.8	3.8	U	3.6	3.6	U	3.8	3.8	U
Parathion Ethyl	ug/kg	3.8	3.8	U	3.6	3.6	U	3.8	3.8	U
Parathion Methyl	ug/kg	3.8	3.8	U	3.6	3.6	U	3.8	3.8	U
PCB-1016	ug/Kg	11	11	U	11	11	U	11	11	U
PCB-1221	ug/Kg	7.6	7.6	U	7.3	7.3	U	7.6	7.6	U
PCB-1232	ug/Kg	17	17	U	16	16	U	17	17	U
PCB-1242	ug/Kg	11	11	U	11	11	U	11	11	U
PCB-1248	ug/Kg	7.6	7.6	U	7.3	7.3	U	7.6	7.6	U
PCB-1254	ug/Kg	7.6	7.6	U	7.3	7.3	U	7.6	7.6	U
PCB-1260	ug/Kg	11	11	U	11	11	U	11	11	U
Phorate	ug/kg	1.9	1.9	U	1.8	1.8	U	1.9	1.9	U
Prometryn	ug/kg	3.8	3.8	U	3.6	3.6	U	3.8	3.8	U
Simazine	ug/kg	1.9	1.9	U	1.8	1.8	U	1.9	1.9	U
Toxaphene	ug/Kg	29	29	U	27	27	U	29	29	U
Diquat	mg/Kg	0.047	0.047	U						
Paraquat	mg/Kg	0.059	0.059	UJ						
Metals	Units	21-A	MDL	Remark	21-A Deep	MDL	Remark	21-B	MDL	Remark
Mercury	mg/Kg	0.018	0.0041		0.01	0.0036	I	0.026	0.0035	
Antimony	mg/Kg	0.15	0.15	UJ	0.14	0.14	U	0.14	0.14	U

Table 2: Location 21 Soil Sample Chemical Results

Metals	Units	21-A	MDL	Remark	21-A Deep	MDL	Remark	21-B	MDL	Remark
Arsenic	mg/Kg	0.51	0.061		0.5	0.055		0.37	0.057	
Barium	mg/Kg	10.5	0.061		10.5	0.055		9.77	0.057	
Beryllium	mg/Kg	0.112	0.025		0.122	0.022		0.084	0.023	I
Cadmium	mg/Kg	0.031	0.031	I	0.027	0.027	U	0.045	0.029	I
Chromium	mg/Kg	4.13	0.15		4.81	0.14		3.32	0.14	
Cobalt	mg/Kg	0.403	0.012		0.343	0.011		0.292	0.011	
Copper	mg/Kg	5.16	0.15		1.08	0.14		5.82	0.14	
Lead	mg/Kg	2.54	0.23		2.38	0.2		2.33	0.21	
Nickel	mg/Kg	1.32	0.15		1.3	0.14		1.33	0.14	
Selenium	mg/Kg	0.22	0.092	I	0.21	0.082	I	0.21	0.086	I
Silver	mg/Kg	0.122	0.0077		0.022	0.0068	U	0.389	0.0071	J
Thallium	mg/Kg	0.031	0.031	U	0.027	0.027	U	0.029	0.029	U
Zinc	mg/Kg	15.1	1.2		1.6	1.1	I	12.2	1.1	
Dioxins/Furans	Units	21-A	MDL	Remark	21-A Deep	MDL	Remark	21-B	MDL	Remark
1,2,3,4,6,7,8-HpCDD	ng/Kg	2.74	2.85	IV						
1,2,3,4,6,7,8-HpCDF	ng/Kg	0.368	2.85	I						
1,2,3,4,7,8,9-HpCDF	ng/Kg	0.122	2.85	U						
1,2,3,4,7,8-HxCDD	ng/Kg	0.0475	2.85	U						
1,2,3,4,7,8-HxCDF	ng/Kg	0.0646	2.85	U						
1,2,3,6,7,8-HxCDD	ng/Kg	0.0421	2.85	U						
1,2,3,6,7,8-HxCDF	ng/Kg	0.062	2.85	U						
1,2,3,7,8,9-HxCDD	ng/Kg	0.0458	2.85	U						
1,2,3,7,8,9-HxCDF	ng/Kg	0.0808	2.85	U						
1,2,3,7,8-PeCDD	ng/Kg	0.0483	2.85	U						
1,2,3,7,8-PeCDF	ng/Kg	0.0308	2.85	U						
2,3,4,6,7,8-HxCDF	ng/Kg	0.0692	2.85	U						
2,3,4,7,8-PeCDF	ng/Kg	0.0305	2.85	U						
2,3,7,8-TCDD	ng/Kg	0.0385	1.14	U						
2,3,7,8-TCDF	ng/Kg	0.0512	1.14	U						

Table 2: Location 21 Soil Sample Chemical Results

Dioxins/Furans	Units	21-A	MDL	Remark	21-A Deep	MDL	Remark	21-B	MDL	Remark
OCDD	ng/Kg	24.6	5.71	V						
OCDF	ng/Kg	0.675	5.71	IV						
Total Hepta-Dioxins	ng/Kg	7.31	2.85							
Total Hepta-Furans	ng/Kg	0.862	2.85	I						
Total Hexa-Dioxins	ng/Kg	0.76	2.85	I						
Total Hexa-Furans	ng/Kg	0.143	2.85	I						
Total Penta-Dioxins	ng/Kg	0.0483	2.85	U						
Total Penta-Furans	ng/Kg	0.292	2.85	I						
Total Tetra-Dioxins	ng/Kg	0.106	1.14	I						
Total Tetra-Furans	ng/Kg	1.05	1.14	I						
Calculated Total Toxicity Equivalents (TEQ)	Units	21-A			21-A Deep			21-B		
Dioxins as total 2,3,7,8-TCDD	ng/Kg	0.109								
Total Benzo(a)pyrene	mg/Kg				0.04			0.02		

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

Table 3: Location 21 Soil Sample Radionuclide Results

Radionuclides	Units	21-A	Remark	21-A Deep	Remark	21-B	Remark
Actinium-228	pCi/g	0.182	UJ	0.155	U	0.129	UJ
Actinium-228 Uncertainty	pCi/g	0.0926		0.0992		0.0927	
Alpha Uncertainty	pCi/g	2.45		3.49		2.45	
Alpha, Total	pCi/g	3.63		7.26		3.78	
Americium-241	pCi/g	0.0984	U	0.105	U	0.0901	U
Americium-241 Uncertainty	pCi/g	0.0621		0.0546		0.051	
Antimony-124	pCi/g	0.166	U	0.104	U	0.0912	U
Antimony-124 Uncertainty	pCi/g	0.0971		0.0708		0.0533	
Antimony-125	pCi/g	0.0909	U	0.0804	U	0.0596	U
Antimony-125 Uncertainty	pCi/g	0.048		0.0471		0.0464	
Barium-133	pCi/g	0.0312	U	0.0355	U	0.025	U
Barium-133 Uncertainty	pCi/g	0.021		0.024		0.0169	
Barium-140	pCi/g	5.26	U	4.36	U	3.29	U
Barium-140 Uncertainty	pCi/g	2.87		2.49		1.9	
Beryllium-7	pCi/g	0.603	U	0.602	U	0.425	U
Beryllium-7 Uncertainty	pCi/g	0.361		0.351		0.248	
Beta Uncertainty	pCi/g	1.91		3.29		3.66	
Beta, Total	pCi/g	3.12	U	5.21	U	16.7	
Bismuth-212	pCi/g	0.515	U	0.493	U	0.3	U
Bismuth-212 Uncertainty	pCi/g	0.29		0.278		0.172	
Bismuth-214	pCi/g	0.202		0.253		0.161	
Bismuth-214 Uncertainty	pCi/g	0.0814		0.0706		0.059	
Cerium-139	pCi/g	0.0354	U	0.0339	U	0.0253	U
Cerium-139 Uncertainty	pCi/g	0.0191		0.0194		0.0137	
Cerium-141	pCi/g	0.175	U	0.186	U	0.124	U
Cerium-141 Uncertainty	pCi/g	0.0961		0.108		0.0679	
Cerium-144	pCi/g	0.165	U	0.207	U	0.134	U
Cerium-144 Uncertainty	pCi/g	0.0997		0.108		0.0813	

Table 3: Location 21 Soil Sample Radionuclide Results

Radionuclides	Units	21-A	Remark	21-A Deep	Remark	21-B	Remark
Cesium-134	pCi/g	0.0382	U	0.0403	U	0.0304	U
Cesium-134 Uncertainty	pCi/g	0.0204		0.0251		0.0159	
Cesium-136	pCi/g	1.91	U	1.54	U	1.09	U
Cesium-136 Uncertainty	pCi/g	1.04		0.923		0.684	
Cesium-137	pCi/g	0.0396	U	0.0297	U	0.0263	U
Cesium-137 Uncertainty	pCi/g	0.0205		0.017		0.0138	
Chromium-51	pCi/g	1.29	U	1.43	U	1.01	U
Chromium-51 Uncertainty	pCi/g	0.753		0.775		0.569	
Cobalt-56	pCi/g	0.0561	U	0.0509	U	0.0383	U
Cobalt-56 Uncertainty	pCi/g	0.032		0.03		0.022	
Cobalt-57	pCi/g	0.0238	U	0.0255	U	0.0178	U
Cobalt-57 Uncertainty	pCi/g	0.0125		0.0142		0.0102	
Cobalt-58	pCi/g	0.0557	U	0.0471	U	0.0405	U
Cobalt-58 Uncertainty	pCi/g	0.0326		0.0301		0.0242	
Cobalt-60	pCi/g	0.0232	U	0.0325	U	0.0272	U
Cobalt-60 Uncertainty	pCi/g	0.0171		0.0204		0.0148	
Europium-152	pCi/g	0.0817	U	0.0823	U	0.0598	U
Europium-152 Uncertainty	pCi/g	0.0474		0.0583		0.0375	
Europium-154	pCi/g	0.0904	U	0.0942	U	0.0583	U
Europium-154 Uncertainty	pCi/g	0.0521		0.055		0.0348	
Europium-155	pCi/g	0.0788	U	0.0932	U	0.0608	U
Europium-155 Uncertainty	pCi/g	0.0441		0.0493		0.0352	
Iridium-192	pCi/g	0.0497	U	0.0561	U	0.0378	U
Iridium-192 Uncertainty	pCi/g	0.031		0.0308		0.0217	
Iron-59	pCi/g	0.153	U	0.133	U	0.1	U
Iron-59 Uncertainty	pCi/g	0.0928		0.0832		0.0651	
Lead-210	pCi/g	3.23	U	2.62	U	2.44	U
Lead-210 Uncertainty	pCi/g	1.85		1.42		1.58	

Table 3: Location 21 Soil Sample Radionuclide Results

Radionuclides	Units	21-A	Remark	21-A Deep	Remark	21-B	Remark
Lead-212	pCi/g	0.163		0.196		0.13	
Lead-212 Uncertainty	pCi/g	0.0505		0.0729		0.0337	
Lead-214	pCi/g	0.295		0.277		0.195	
Lead-214 Uncertainty	pCi/g	0.0808		0.0819		0.0605	
Manganese-54	pCi/g	0.0359	U	0.032	U	0.0225	U
Manganese-54 Uncertainty	pCi/g	0.0202		0.0187		0.0147	
Mercury-203	pCi/g	0.0796	U	0.0737	U	0.057	U
Mercury-203 Uncertainty	pCi/g	0.0505		0.0444		0.0318	
Neodymium-147	pCi/g	17.5	U	15.9	U	11.9	U
Neodymium-147 Uncertainty	pCi/g	9.46		8.59		6.82	
Neptunium-239	pCi/g	0.337	U	0.355	U	0.22	U
Neptunium-239 Uncertainty	pCi/g	0.179		0.196		0.133	
Niobium-94	pCi/g	0.0287	U	0.0284	U	0.02	U
Niobium-94 Uncertainty	pCi/g	0.0164		0.0163		0.0114	
Niobium-95	pCi/g	0.0638	U	0.0659	U	0.046	U
Niobium-95 Uncertainty	pCi/g	0.04		0.0369		0.0322	
Potassium-40	pCi/g	0.955		0.928		0.508	
Potassium-40 Uncertainty	pCi/g	0.39		0.302		0.243	
Promethium-144	pCi/g	0.0309	U	0.0314	U	0.0255	U
Promethium-144 Uncertainty	pCi/g	0.0224		0.02		0.0142	
Promethium-146	pCi/g	0.0398	U	0.04	U	0.027	U
Promethium-146 Uncertainty	pCi/g	0.0218		0.022		0.0161	
Radium-228	pCi/g	0.182	UJ	0.155	U	0.129	UJ
Radium-228 Uncertainty	pCi/g	0.0926		0.0992		0.0927	
Ruthenium-106	pCi/g	0.232	U	0.295	U	0.22	U
Ruthenium-106 Uncertainty	pCi/g	0.137		0.167		0.119	
Silver-110m	pCi/g	0.0409	U	0.0505	U	0.0327	U
Silver-110m Uncertainty	pCi/g	0.0219		0.0275		0.0198	

Table 3: Location 21 Soil Sample Radionuclide Results

Radionuclides	Units	21-A	Remark	21-A Deep	Remark	21-B	Remark
Sodium-22	pCi/g	0.0324	U	0.0344	U	0.0211	U
Sodium-22 Uncertainty	pCi/g	0.0192		0.02		0.0128	
Thallium-208	pCi/g	0.06		0.0383		0.0252	
Thallium-208 Uncertainty	pCi/g	0.0329		0.0256		0.0203	
Thorium-234	pCi/g	1.17	U	1.12	U	0.855	U
Thorium-234 Uncertainty	pCi/g	0.879		0.591		0.571	
Tin-113	pCi/g	0.0516	U	0.0503	U	0.0424	U
Tin-113 Uncertainty	pCi/g	0.0287		0.031		0.0235	
Uranium-235	pCi/g	0.164	U	0.183	U	0.125	U
Uranium-235 Uncertainty	pCi/g	0.101		0.105		0.0836	
Uranium-238	pCi/g	1.17	U	1.12	U	0.855	U
Uranium-238 Uncertainty	pCi/g	0.879		0.591		0.571	
Yttrium-88	pCi/g	0.0496	U	0.0427	U	0.0284	U
Yttrium-88 Uncertainty	pCi/g	0.0293		0.0258		0.0173	
Zinc-65	pCi/g	0.0653	U	0.0685	U	0.0499	U
Zinc-65 Uncertainty	pCi/g	0.0382		0.0512		0.0385	
Zirconium-95	pCi/g	0.102	U	0.106	U	0.0825	U
Zirconium-95 Uncertainty	pCi/g	0.0579		0.0607		0.0449	

Location 22

Table 1: Summary of Residential SCTL Exceedances in Soil Samples Collected from Location 22
March/April 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation

Analyte	Residential SCTL	22-A	22-A Deep	22-B
<i>Exceedances</i>				
None				

SCTL=Soil Cleanup Target Level

ND=Non Detect

NA=Not Analyzed

Yellow Shading=Exceedance of SCTL

ng/Kg= nanograms per Kilogram

mg/Kg=milligrams per Kilogram

Table 2: Location 22 Soil Sample Chemical Results

Volatile Organic Compounds	Units	22-A	MDL	Remark	22-A Deep	MDL	Remark	22-B	MDL	Remark
1,1,1-Trichloroethane	ug/kg	5.2	5.2	U	4.7	4.7	U	4.9	4.9	U
1,1,2,2-Tetrachloroethane	ug/kg	13	13	U	12	12	U	12	12	U
1,1,2-Trichloroethane	ug/kg	5.2	5.2	U	4.7	4.7	U	4.9	4.9	U
1,1-Dichloroethane	ug/kg	5.2	5.2	U	4.7	4.7	U	4.9	4.9	U
1,1-Dichloroethene	ug/kg	13	13	U	12	12	U	12	12	U
1,2-Dichlorobenzene	ug/kg	13	13	U	12	12	U	12	12	U
1,2-Dichloroethane	ug/kg	5.2	5.2	U	4.7	4.7	U	4.9	4.9	U
1,2-Dichloropropane	ug/kg	13	13	U	12	12	U	12	12	U
1,3-Dichlorobenzene	ug/kg	13	13	U	12	12	U	12	12	U
1,4-Dichlorobenzene	ug/kg	13	13	U	12	12	U	12	12	U
2-Butanone	ug/kg	130	130	U	120	120	U	120	120	U
2-Chloroethylvinyl ether	ug/kg	13	13	U	12	12	U	12	12	U
Benzene	ug/kg	5.2	5.2	U	4.7	4.7	U	4.9	4.9	U
Bromodichloromethane	ug/kg	5.2	5.2	U	4.7	4.7	U	4.9	4.9	U
Bromoform	ug/kg	13	13	U	12	12	U	12	12	U
Bromomethane	ug/kg	13	13	U	12	12	U	12	12	U
Carbon tetrachloride	ug/kg	5.2	5.2	U	4.7	4.7	U	4.9	4.9	U
Chlorobenzene	ug/kg	5.2	5.2	U	4.7	4.7	U	4.9	4.9	U
Chloroethane	ug/kg	13	13	U	12	12	U	12	12	U
Chloroform	ug/kg	5.2	5.2	U	4.7	4.7	U	4.9	4.9	U
Chloromethane	ug/kg	13	13	U	12	12	U	12	12	U
cis-1,2-Dichloroethene	ug/kg	13	13	U	12	12	U	12	12	U
cis-1,3-Dichloropropene	ug/kg	13	13	U	12	12	U	12	12	U
Dibromochloromethane	ug/kg	5.2	5.2	U	4.7	4.7	U	4.9	4.9	U
Ethylbenzene	ug/kg	13	13	U	12	12	U	12	12	U
m,p-Xylene	ug/kg	13	13	U	12	12	U	12	12	U
Methylene chloride	ug/kg	13	13	U	12	12	U	12	12	U
Methyl-t-butyl ether	ug/kg	13	13	U	12	12	U	12	12	U
o-Xylene	ug/kg	5.2	5.2	U	4.7	4.7	U	4.9	4.9	U

Table 2: Location 22 Soil Sample Chemical Results

Volatile Organic Compounds	Units	22-A	MDL	Remark	22-A Deep	MDL	Remark	22-B	MDL	Remark
Tetrachloroethene	ug/kg	13	13	U	12	12	U	12	12	U
Toluene	ug/kg	13	13	U	12	12	U	12	12	U
trans-1,2-Dichloroethene	ug/kg	13	13	U	12	12	U	12	12	U
trans-1,3-Dichloropropene	ug/kg	5.2	5.2	U	4.7	4.7	U	4.9	4.9	U
Trichloroethene	ug/kg	5.2	5.2	U	4.7	4.7	U	4.9	4.9	U
Trichlorofluoromethane	ug/kg	13	13	U	12	12	U	12	12	U
Vinyl chloride	ug/kg	13	13	U	12	12	U	12	12	U
Semi-Volatile Organic Compounds	Units	22-A	MDL	Remark	22-A Deep	MDL	Remark	22-B	MDL	Remark
1,2,4-Trichlorobenzene	ug/kg	230	230	U	200	200	U	200	200	U
1-Methylnaphthalene	ug/kg	8.5	8.5	U	7.5	7.5	U	7.2	7.2	U
1-Methylphenanthrene	ug/kg	8.5	8.5	U	7.5	7.5	U	7.2	7.2	U
2,3,5-Trimethylnaphthalene	ug/kg	8.5	8.5	U	7.5	7.5	U	7.2	7.2	U
2,4,6-Trichlorophenol	ug/kg	76	76	U	68	68	U	65	65	U
2,4-Dichlorophenol	ug/kg	76	76	U	68	68	U	65	65	U
2,4-Dimethylphenol	ug/kg	460	460	U	410	410	U	390	390	U
2,4-Dinitrophenol	ug/kg	460	460	UJ	410	410	UJ	390	390	UJ
2,4-Dinitrotoluene	ug/kg	76	76	U	68	68	U	65	65	U
2,6-Dimethylnaphthalene	ug/kg	8.5	8.5	U	7.5	7.5	U	7.2	7.2	U
2,6-Dinitrotoluene	ug/kg	76	76	U	68	68	U	65	65	U
2-Chloronaphthalene	ug/kg	76	76	U	68	68	U	65	65	U
2-Chlorophenol	ug/kg	230	230	U	200	200	U	200	200	U
2-Methyl-4,6-dinitrophenol	ug/kg	76	76	U	68	68	U	65	65	U
2-Methylnaphthalene	ug/Kg	8.5	8.5	U	7.5	7.5	U	7.2	7.2	U
2-Nitrophenol	ug/kg	76	76	U	68	68	U	65	65	U
3,3'-Dichlorobenzidine	ug/kg	4.50E+03	4.50E+03	UJ	4.00E+03	4.00E+03	UJ	3.90E+03	3.90E+03	UJ
4-Bromophenyl phenyl ether	ug/kg	76	76	U	68	68	U	65	65	U
4-Chloro-3-methylphenol	ug/kg	76	76	U	68	68	U	65	65	U
4-Chlorophenyl phenyl ether	ug/kg	76	76	U	68	68	U	65	65	U
4-Nitrophenol	ug/kg	76	76	U	68	68	U	65	65	U

Table 2: Location 22 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	22-A	MDL	Remark	22-A Deep	MDL	Remark	22-B	MDL	Remark
Acenaphthene	ug/kg	8.5	8.5	U	7.5	7.5	U	7.2	7.2	U
Acenaphthylene	ug/kg	8.5	8.5	U	7.5	7.5	U	7.2	7.2	U
Anthracene	ug/kg	8.5	8.5	U	7.5	7.5	U	7.2	7.2	U
Azobenzene/1,2-Diphenylhydrazine	ug/kg	76	76	U	68	68	U	65	65	U
Benzidine	ug/kg	1.70E+03	1.70E+03	UJ	1.50E+03	1.50E+03	UJ	1.30E+03	1.30E+03	UJ
Benzo(a)anthracene	ug/kg	8.5	8.5	U	7.5	7.5	U	7.2	7.2	U
Benzo(a)pyrene	ug/kg	10	8.5	I	7.5	7.5	U	7.2	7.2	U
Benzo(b)fluoranthene	ug/kg	20	8.5	I	7.5	7.5	U	7.2	7.2	U
Benzo(g,h,i)perylene	ug/kg	8.5	8.5	U	7.5	7.5	U	7.2	7.2	U
Benzo(k)fluoranthene	ug/kg	8.5	8.5	U	7.5	7.5	U	7.2	7.2	U
Biphenyl	ug/kg	8.5	8.5	U	7.5	7.5	U	7.2	7.2	U
Bis(2-chloroethoxy)methane	ug/kg	76	76	U	68	68	U	65	65	U
Bis(2-chloroethyl)ether	ug/kg	76	76	U	68	68	U	65	65	U
Bis(2-chloroisopropyl)ether	ug/kg	76	76	U	68	68	U	65	65	U
Bis(2-ethylhexyl)phthalate	ug/kg	460	460	U	410	410	U	740	390	I
Butyl benzyl phthalate	ug/kg	140	76	I	68	68	U	65	65	U
Chrysene	ug/kg	14	8.5	I	7.5	7.5	U	7.2	7.2	U
Dibenzo(a,h)anthracene	ug/kg	8.5	8.5	U	7.5	7.5	U	7.2	7.2	U
Dibenzothiophene	ug/kg	8.5	8.5	U	7.5	7.5	U	7.2	7.2	U
Diethyl phthalate	ug/kg	76	76	U	68	68	U	65	65	U
Dimethyl phthalate	ug/kg	76	76	U	68	68	U	65	65	U
Di-n-butyl phthalate	ug/kg	460	460	U	410	410	U	390	390	U
Di-n-octyl phthalate	ug/kg	76	76	U	68	68	U	65	65	U
Fluoranthene	ug/kg	18	8.5	I	7.5	7.5	U	7.2	7.2	U
Fluorene	ug/kg	8.5	8.5	U	7.5	7.5	U	7.2	7.2	U
Hexachlorobenzene	ug/kg	76	76	U	68	68	U	65	65	U
Hexachlorobutadiene	ug/kg	230	230	U	200	200	U	200	200	U
Hexachlorocyclopentadiene	ug/kg	76	76	U	68	68	U	65	65	U
Hexachloroethane	ug/kg	230	230	U	200	200	U	200	200	U

Table 2: Location 22 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	22-A	MDL	Remark	22-A Deep	MDL	Remark	22-B	MDL	Remark
Indeno(1,2,3-cd)pyrene	ug/kg	8.5	8.5	U	7.5	7.5	U	7.2	7.2	U
Isophorone	ug/kg	76	76	U	68	68	U	65	65	U
Naphthalene	ug/kg	8.5	8.5	U	7.5	7.5	U	7.2	7.2	U
Nitrobenzene	ug/kg	76	76	U	68	68	U	65	65	U
N-Nitrosodimethylamine	ug/kg	460	460	U	410	410	U	390	390	U
N-Nitrosodi-n-propylamine	ug/kg	76	76	U	68	68	U	65	65	U
N-Nitrosodiphenylamine/ Diphenylamine	ug/kg	76	76	U	68	68	U	65	65	U
Pentachlorophenol	ug/kg	76	76	U	68	68	U	65	65	U
Phenanthrene	ug/kg	8.5	8.5	U	7.5	7.5	U	7.2	7.2	U
Phenol	ug/kg	76	76	U	68	68	U	65	65	U
Pyrene	ug/kg	15	8.5	I	7.5	7.5	U	7.2	7.2	U
TRPH	mg/kg	40	20	I	28	28	U	11	11	U
Pesticides/Herbicides/PCBs	Units	22-A	MDL	Remark	22-A Deep	MDL	Remark	22-B	MDL	Remark
2,4,5-T	ug/kg	8.3	8.3	U						
2,4-D	ug/kg	8.3	8.3	UJ						
3-Hydroxycarbofuran	ug/kg	0.64	0.64	UJ						
Acifluorfen	ug/kg	8.3	8.3	UJ						
Aldicarb	ug/kg	0.64	0.64	UJ						
Aldicarb Sulfone	ug/kg	0.64	0.64	UJ						
Aldicarb Sulfoxide	ug/kg	0.64	0.64	UJ						
Carbaryl	ug/kg	0.64	0.64	UJ						
Carbofuran	ug/kg	0.64	0.64	UJ						
Diuron	ug/kg	7.7	7.7	U						
Imidacloprid	ug/kg	7.7	7.7	U						
Linuron	ug/kg	7.7	7.7	U						
Methiocarb	ug/kg	0.64	0.64	UJ						
Methomyl	ug/kg	0.64	0.64	UJ						
Oxamyl	ug/kg	0.64	0.64	UJ						
Propoxur	ug/kg	0.64	0.64	UJ						

Table 2: Location 22 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	22-A	MDL	Remark	22-A Deep	MDL	Remark	22-B	MDL	Remark
Silvex	ug/kg	8.3	8.3	U						
Alachlor	ug/kg	13	13	U	11	11	U	11	11	U
Aldrin	ug/Kg	0.42	0.42	U	0.38	0.38	U	0.36	0.36	U
Alpha-BHC	ug/Kg	0.42	0.42	U	0.38	0.38	U	0.36	0.36	U
Ametryn	ug/kg	2.1	2.1	U	1.9	1.9	U	1.8	1.8	U
Atrazine	ug/kg	2.1	2.1	U	1.9	1.9	U	1.8	1.8	U
Azinphos Methyl	ug/kg	6.4	6.4	UJ	5.7	5.7	U	5.4	5.4	U
Beta-BHC	ug/Kg	0.42	0.42	U	0.38	0.38	U	0.36	0.36	U
Bromacil	ug/kg	8.5	8.5	U	7.5	7.5	U	7.2	7.2	U
Chlordane	ug/Kg	6.4	6.4	U	5.7	5.7	U	5.4	5.4	U
Chlorpyrifos Ethyl	ug/kg	2.1	2.1	U	1.9	1.9	U	1.8	1.8	U
Chlorpyrifos Methyl	ug/kg	4.2	4.2	U	3.8	3.8	U	3.6	3.6	U
DDD-p,p'	ug/Kg	0.85	0.85	U	0.75	0.75	U	0.72	0.72	U
DDE-p,p'	ug/Kg	0.85	0.85	U	0.75	0.75	U	2.3	0.72	I
DDT-p,p'	ug/Kg	1.3	1.3	U	1.1	1.1	U	1.3	1.3	U
Delta-BHC	ug/Kg	0.85	0.85	U	0.75	0.75	U	0.72	0.72	U
Diazinon	ug/kg	2.1	2.1	U	1.9	1.9	U	1.8	1.8	U
Dieldrin	ug/Kg	0.42	0.42	U	0.38	0.38	U	0.36	0.36	U
Endosulfan I	ug/Kg	0.42	0.42	U	0.38	0.38	U	0.36	0.36	U
Endosulfan II	ug/Kg	0.42	0.42	U	0.38	0.38	U	0.36	0.36	U
Endosulfan Sulfate	ug/Kg	0.85	0.85	U	0.75	0.75	U	0.72	0.72	U
Endrin	ug/Kg	2.1	2.1	U	1.9	1.9	U	1.8	1.8	U
Endrin Aldehyde	ug/Kg	0.85	0.85	U	0.75	0.75	U	0.72	0.72	U
Ethion	ug/kg	2.1	2.1	U	1.9	1.9	U	1.8	1.8	U
Ethoprop	ug/kg	2.1	2.1	U	1.9	1.9	UJ	1.8	1.8	UJ
Fenamiphos	ug/kg	8.5	8.5	U	7.5	7.5	U	7.2	7.2	U
Fonofos	ug/kg	2.1	2.1	U	1.9	1.9	U	1.8	1.8	U
Gamma-BHC	ug/Kg	0.42	0.42	U	0.38	0.38	U	0.36	0.36	U
Heptachlor	ug/Kg	0.42	0.42	UJ	0.38	0.38	U	0.36	0.36	U

Table 2: Location 22 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	22-A	MDL	Remark	22-A Deep	MDL	Remark	22-B	MDL	Remark
Heptachlor Epoxide	ug/kg	0.42	0.42	U	0.38	0.38	U	0.36	0.36	U
Hexazinone	ug/kg	4.2	4.2	UJ	3.8	3.8	UJ	3.6	3.6	UJ
Malathion	ug/kg	4.2	4.2	U	3.8	3.8	U	3.6	3.6	U
Methamidophos	ug/kg	21	21	U	19	19	U	18	18	U
Methoxychlor	ug/kg	2.1	2.1	U	1.9	1.9	U	1.8	1.8	U
Metolachlor	ug/kg	13	13	U	11	11	U	11	11	U
Metribuzin	ug/kg	4.2	4.2	U	3.8	3.8	U	3.6	3.6	U
Mevinphos	ug/kg	8.5	8.5	U	7.5	7.5	U	7.2	7.2	U
Monocrotophos	ug/kg	21	21	UJ	19	19	U	18	18	U
Naled	ug/kg	17	17	U	15	15	U	14	14	U
Norflurazon	ug/kg	4.2	4.2	UJ	3.8	3.8	UJ	3.6	3.6	UJ
Parathion Ethyl	ug/kg	4.2	4.2	U	3.8	3.8	U	3.6	3.6	U
Parathion Methyl	ug/kg	4.2	4.2	U	3.8	3.8	U	3.6	3.6	U
PCB-1016	ug/Kg	13	13	U	11	11	U	11	11	U
PCB-1221	ug/Kg	8.5	8.5	U	7.5	7.5	U	7.2	7.2	U
PCB-1232	ug/Kg	19	19	U	17	17	U	16	16	U
PCB-1242	ug/Kg	13	13	U	11	11	U	11	11	U
PCB-1248	ug/Kg	8.5	8.5	U	7.5	7.5	U	7.2	7.2	U
PCB-1254	ug/Kg	8.5	8.5	U	7.5	7.5	U	7.2	7.2	U
PCB-1260	ug/Kg	13	13	U	11	11	U	11	11	U
Phorate	ug/kg	2.1	2.1	U	1.9	1.9	U	1.8	1.8	U
Prometryn	ug/kg	4.2	4.2	U	3.8	3.8	U	3.6	3.6	U
Simazine	ug/kg	2.1	2.1	U	1.9	1.9	U	1.8	1.8	U
Toxaphene	ug/Kg	32	32	U	28	28	U	27	27	U
Diquat	mg/Kg	0.047	0.047	U						
Paraquat	mg/Kg	0.058	0.058	U						
Metals	Units	22-A	MDL	Remark	22-A Deep	MDL	Remark	22-B	MDL	Remark
Mercury	mg/Kg	0.018	0.0062	I	0.0056	0.0056	U	0.018	0.0053	I
Antimony	mg/Kg	0.25	0.25	U	0.24	0.24	U	0.25	0.25	U

Table 2: Location 22 Soil Sample Chemical Results

Metals	Units	22-A	MDL	Remark	22-A Deep	MDL	Remark	22-B	MDL	Remark
Arsenic	mg/Kg	1.74	0.098		0.2	0.096	I	0.78	0.1	
Barium	mg/Kg	17.8	0.098		0.73	0.096		11.6	0.1	
Beryllium	mg/Kg	0.1	0.039	I	0.038	0.038	U	0.074	0.04	I
Cadmium	mg/Kg	0.049	0.049	U	0.048	0.048	U	0.05	0.05	U
Chromium	mg/Kg	7.57	0.25		0.71	0.24	I	4.08	0.25	
Cobalt	mg/Kg	0.391	0.02		0.044	0.019	I	0.464	0.02	
Copper	mg/Kg	6.17	0.25		0.57	0.24	I	7.56	0.25	
Lead	mg/Kg	5.7	0.37		0.63	0.36	I	2.2	0.37	
Nickel	mg/Kg	1.86	0.25		0.26	0.24	I	2.14	0.25	
Selenium	mg/Kg	0.15	0.15	U	0.14	0.14	U	0.47	0.15	I
Silver	mg/Kg	0.023	0.012	I	0.012	0.012	U	0.014	0.012	I
Thallium	mg/Kg	0.049	0.049	U	0.048	0.048	U	0.05	0.05	U
Zinc	mg/Kg	29.7	2		2.2	1.9	I	8.3	2	
Dioxins/Furans	Units	22-A	MDL	Remark	22-A Deep	MDL	Remark	22-B	MDL	Remark
1,2,3,4,6,7,8-HpCDD	ng/Kg	11.3	3.05							
1,2,3,4,6,7,8-HpCDF	ng/Kg	1.57	3.05	I						
1,2,3,4,7,8,9-HpCDF	ng/Kg	0.0881	3.05	U						
1,2,3,4,7,8-HxCDD	ng/Kg	0.131	3.05	IJ						
1,2,3,4,7,8-HxCDF	ng/Kg	0.268	3.05	IJ						
1,2,3,6,7,8-HxCDD	ng/Kg	0.66	3.05	I						
1,2,3,6,7,8-HxCDF	ng/Kg	0.165	3.05	I						
1,2,3,7,8,9-HxCDD	ng/Kg	0.475	3.05	IJ						
1,2,3,7,8,9-HxCDF	ng/Kg	0.114	3.05	U						
1,2,3,7,8-PeCDD	ng/Kg	0.0938	3.05	U						
1,2,3,7,8-PeCDF	ng/Kg	0.0988	3.05	U						
2,3,4,6,7,8-HxCDF	ng/Kg	0.165	3.05	IJ						
2,3,4,7,8-PeCDF	ng/Kg	0.0979	3.05	U						
2,3,7,8-TCDD	ng/Kg	0.13	1.22	U						
2,3,7,8-TCDF	ng/Kg	0.273	1.22	U						

Table 2: Location 22 Soil Sample Chemical Results

Dioxins/Furans	Units	22-A	MDL	Remark	22-A Deep	MDL	Remark	22-B	MDL	Remark
OCDD	ng/Kg	89.8	6.1	V						
OCDF	ng/Kg	2.8	6.1	I						
Total Hepta-Dioxins	ng/Kg	25.6	3.05							
Total Hepta-Furans	ng/Kg	3.26	3.05							
Total Hexa-Dioxins	ng/Kg	8.92	3.05							
Total Hexa-Furans	ng/Kg	2.31	3.05	I						
Total Penta-Dioxins	ng/Kg	1.48	3.05	I						
Total Penta-Furans	ng/Kg	3.34	3.05							
Total Tetra-Dioxins	ng/Kg	1.82	1.22							
Total Tetra-Furans	ng/Kg	19.1	1.22							
Calculated Total Toxicity Equivalents (TEQ)	Units	22-A			22-A Deep			22-B		
Dioxins as total 2,3,7,8-TCDD	ng/Kg	0.483								
Total Benzo(a)pyrene	mg/Kg	0.02								

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

Table 3: Location 22 Soil Sample Radionuclide Results

Radionuclides	Units	22-A	Remark	22-A Deep	Remark	22-B	Remark
Actinium-228	pCi/g	0.274	UJ	0.163	UJ	0.146	
Actinium-228 Uncertainty	pCi/g	0.157		0.0898		0.0931	
Alpha Uncertainty	pCi/g	2.86		2.04		1.96	
Alpha, Total	pCi/g	4.96		3.33	U	2.84	U
Americium-241	pCi/g	0.203	U	0.0361	U	0.0785	U
Americium-241 Uncertainty	pCi/g	0.107		0.0191		0.0432	
Antimony-124	pCi/g	0.0873	U	0.0823	U	0.0713	U
Antimony-124 Uncertainty	pCi/g	0.0722		0.0547		0.045	
Antimony-125	pCi/g	0.1	U	0.0708	U	0.0673	U
Antimony-125 Uncertainty	pCi/g	0.0577		0.0386		0.0383	
Barium-133	pCi/g	0.0439	U	0.0294	U	0.0311	U
Barium-133 Uncertainty	pCi/g	0.0288		0.0201		0.0183	
Barium-140	pCi/g	1.08	U	0.737	U	0.685	U
Barium-140 Uncertainty	pCi/g	0.597		0.409		0.417	
Beryllium-7	pCi/g	0.55	U	0.303	U	0.382	U
Beryllium-7 Uncertainty	pCi/g	0.305		0.171		0.21	
Beta Uncertainty	pCi/g	2.57		2.08		1.57	
Beta, Total	pCi/g	4.77	U	3.77	U	2.89	U
Bismuth-212	pCi/g	0.69	U	0.427	U	0.35	U
Bismuth-212 Uncertainty	pCi/g	0.355		0.254		0.201	
Bismuth-214	pCi/g	0.763		0.118		0.27	
Bismuth-214 Uncertainty	pCi/g	0.135		0.0696		0.0687	
Cerium-139	pCi/g	0.0379	U	0.0221	U	0.0216	U
Cerium-139 Uncertainty	pCi/g	0.0215		0.012		0.0131	
Cerium-141	pCi/g	0.101	U	0.0701	U	0.0731	U
Cerium-141 Uncertainty	pCi/g	0.0593		0.0369		0.043	
Cerium-144	pCi/g	0.228	U	0.147	U	0.137	U
Cerium-144 Uncertainty	pCi/g	0.132		0.075		0.0813	

Table 3: Location 22 Soil Sample Radionuclide Results

Radionuclides	Units	22-A	Remark	22-A Deep	Remark	22-B	Remark
Cesium-134	pCi/g	0.0595	U	0.035	U	0.0334	U
Cesium-134 Uncertainty	pCi/g	0.0311		0.018		0.0186	
Cesium-136	pCi/g	0.297	U	0.298	U	0.223	U
Cesium-136 Uncertainty	pCi/g	0.221		0.168		0.129	
Cesium-137	pCi/g	0.0402	U	0.0326	U	0.0602	
Cesium-137 Uncertainty	pCi/g	0.0295		0.02		0.0254	
Chromium-51	pCi/g	0.734	U	0.458	U	0.486	U
Chromium-51 Uncertainty	pCi/g	0.422		0.271		0.3	
Cobalt-56	pCi/g	0.0414	U	0.0409	U	0.0374	U
Cobalt-56 Uncertainty	pCi/g	0.0263		0.0231		0.0218	
Cobalt-57	pCi/g	0.0305	U	0.0166	U	0.0188	U
Cobalt-57 Uncertainty	pCi/g	0.0169		0.00887		0.0105	
Cobalt-58	pCi/g	0.0536	U	0.0444	U	0.0351	U
Cobalt-58 Uncertainty	pCi/g	0.0309		0.0239		0.02	
Cobalt-60	pCi/g	0.0439	U	0.0421	U	0.0248	U
Cobalt-60 Uncertainty	pCi/g	0.026		0.0235		0.0145	
Europium-152	pCi/g	0.112	U	0.0774	U	0.066	U
Europium-152 Uncertainty	pCi/g	0.0772		0.0427		0.0407	
Europium-154	pCi/g	0.136	U	0.0677	U	0.0655	U
Europium-154 Uncertainty	pCi/g	0.0744		0.0519		0.0486	
Europium-155	pCi/g	0.114	U	0.0651	U	0.0654	U
Europium-155 Uncertainty	pCi/g	0.0605		0.0321		0.0378	
Iridium-192	pCi/g	0.0474	U	0.0366	U	0.0315	U
Iridium-192 Uncertainty	pCi/g	0.0271		0.0185		0.0184	
Iron-59	pCi/g	0.125	U	0.116	U	0.0734	U
Iron-59 Uncertainty	pCi/g	0.0835		0.0649		0.0436	
Lead-210	pCi/g	5.55	U	0.477	U	1.59	U
Lead-210 Uncertainty	pCi/g	2.95		0.238		0.881	

Table 3: Location 22 Soil Sample Radionuclide Results

Radionuclides	Units	22-A	Remark	22-A Deep	Remark	22-B	Remark
Lead-212	pCi/g	0.246		0.113		0.179	
Lead-212 Uncertainty	pCi/g	0.0608		0.0374		0.0405	
Lead-214	pCi/g	0.927		0.159		0.324	
Lead-214 Uncertainty	pCi/g	0.138		0.0599		0.0782	
Manganese-54	pCi/g	0.0429	U	0.0302	U	0.0267	U
Manganese-54 Uncertainty	pCi/g	0.0267		0.0171		0.0162	
Mercury-203	pCi/g	0.0606	U	0.0422	U	0.0386	U
Mercury-203 Uncertainty	pCi/g	0.0369		0.0222		0.0227	
Neodymium-147	pCi/g	2.6	U	1.81	U	1.95	U
Neodymium-147 Uncertainty	pCi/g	1.55		1.01		1.1	
Neptunium-239	pCi/g	0.437	U	0.24	U	0.262	U
Neptunium-239 Uncertainty	pCi/g	0.242		0.136		0.153	
Niobium-94	pCi/g	0.0387	U	0.0252	U	0.0287	U
Niobium-94 Uncertainty	pCi/g	0.0231		0.0143		0.0153	
Niobium-95	pCi/g	0.0685	U	0.0412	U	0.0364	U
Niobium-95 Uncertainty	pCi/g	0.0407		0.0226		0.0199	
Potassium-40	pCi/g	0.615	U	0.356	U	0.161	UJ
Potassium-40 Uncertainty	pCi/g	0.322		0.181		0.277	
Promethium-144	pCi/g	0.0423	U	0.0285	U	0.0269	U
Promethium-144 Uncertainty	pCi/g	0.0251		0.0169		0.0154	
Promethium-146	pCi/g	0.0519	U	0.0349	U	0.0308	U
Promethium-146 Uncertainty	pCi/g	0.0282		0.0187		0.0178	
Radium-228	pCi/g	0.274	UJ	0.163	UJ	0.146	
Radium-228 Uncertainty	pCi/g	0.157		0.0898		0.0931	
Ruthenium-106	pCi/g	0.34	U	0.255	U	0.262	U
Ruthenium-106 Uncertainty	pCi/g	0.215		0.154		0.149	
Silver-110m	pCi/g	0.0696	U	0.0294	U	0.0392	U
Silver-110m Uncertainty	pCi/g	0.04		0.0209		0.023	

Table 3: Location 22 Soil Sample Radionuclide Results

Radionuclides	Units	22-A	Remark	22-A Deep	Remark	22-B	Remark
Sodium-22	pCi/g	0.0488	U	0.0244	U	0.023	U
Sodium-22 Uncertainty	pCi/g	0.0266		0.0182		0.0172	
Thallium-208	pCi/g	0.107		0.0423	U	0.0462	
Thallium-208 Uncertainty	pCi/g	0.0385		0.0229		0.0292	
Thorium-234	pCi/g	1.67	U	0.496	U	0.859	U
Thorium-234 Uncertainty	pCi/g	0.903		0.257		0.472	
Tin-113	pCi/g	0.0556	U	0.0379	U	0.0325	U
Tin-113 Uncertainty	pCi/g	0.0362		0.0215		0.0186	
Uranium-235	pCi/g	0.205	U	0.138	U	0.146	U
Uranium-235 Uncertainty	pCi/g	0.126		0.0844		0.089	
Uranium-238	pCi/g	1.67	U	0.496	U	0.859	U
Uranium-238 Uncertainty	pCi/g	0.903		0.257		0.472	
Yttrium-88	pCi/g	0.0437	U	0.034	U	0.0204	U
Yttrium-88 Uncertainty	pCi/g	0.0268		0.0193		0.0155	
Zinc-65	pCi/g	0.119	U	0.0665	U	0.0537	U
Zinc-65 Uncertainty	pCi/g	0.0724		0.0472		0.0333	
Zirconium-95	pCi/g	0.107	U	0.0752	U	0.0628	U
Zirconium-95 Uncertainty	pCi/g	0.0591		0.0397		0.0361	

Location 25

Table 1: Summary of Residential SCTL Exceedances in Soil Samples Collected from Location 25
March/April 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation

Analyte	Residential SCTL	25-A	25-A Deep	25-B
<i>Exceedances</i>				
Arsenic	2.1 mg/Kg	3.64	1.22	0.64

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

Table 2: Location 25 Soil Sample Chemical Results

Volatile Organic Compounds	Units	25-A	MDL	Remark	25-A Deep	MDL	Remark	25-B	MDL	Remark
1,1,1-Trichloroethane	ug/kg	4.9	4.9	U	5.1	5.1	U	5.1	5.1	U
1,1,2,2-Tetrachloroethane	ug/kg	12	12	U	13	13	U	13	13	U
1,1,2-Trichloroethane	ug/kg	4.9	4.9	U	5.1	5.1	U	5.1	5.1	U
1,1-Dichloroethane	ug/kg	4.9	4.9	U	5.1	5.1	U	5.1	5.1	U
1,1-Dichloroethene	ug/kg	12	12	U	13	13	U	13	13	U
1,2-Dichlorobenzene	ug/kg	12	12	U	13	13	U	13	13	U
1,2-Dichloroethane	ug/kg	4.9	4.9	U	5.1	5.1	U	5.1	5.1	U
1,2-Dichloropropane	ug/kg	12	12	U	13	13	U	13	13	U
1,3-Dichlorobenzene	ug/kg	12	12	U	13	13	U	13	13	U
1,4-Dichlorobenzene	ug/kg	12	12	U	13	13	U	13	13	U
2-Butanone	ug/kg	120	120	U	130	130	U	130	130	U
2-Chloroethylvinyl ether	ug/kg	12	12	U	13	13	U	13	13	U
Benzene	ug/kg	4.9	4.9	U	5.1	5.1	U	5.1	5.1	U
Bromodichloromethane	ug/kg	4.9	4.9	U	5.1	5.1	U	5.1	5.1	U
Bromoform	ug/kg	12	12	U	13	13	U	13	13	U
Bromomethane	ug/kg	12	12	U	13	13	U	13	13	U
Carbon tetrachloride	ug/kg	4.9	4.9	U	5.1	5.1	U	5.1	5.1	U
Chlorobenzene	ug/kg	4.9	4.9	U	5.1	5.1	U	5.1	5.1	U
Chloroethane	ug/kg	12	12	U	13	13	U	13	13	U
Chloroform	ug/kg	4.9	4.9	U	5.1	5.1	U	5.1	5.1	U
Chloromethane	ug/kg	12	12	U	13	13	U	13	13	U
cis-1,2-Dichloroethene	ug/kg	12	12	U	13	13	U	13	13	U
cis-1,3-Dichloropropene	ug/kg	12	12	U	13	13	U	13	13	U
Dibromochloromethane	ug/kg	4.9	4.9	U	5.1	5.1	U	5.1	5.1	U
Ethylbenzene	ug/kg	12	12	U	13	13	U	13	13	U
m,p-Xylene	ug/kg	12	12	U	13	13	U	13	13	U
Methylene chloride	ug/kg	12	12	U	13	13	U	13	13	U
Methyl-t-butyl ether	ug/kg	12	12	U	13	13	U	13	13	U
o-Xylene	ug/kg	4.9	4.9	U	5.1	5.1	U	5.1	5.1	U

Table 2: Location 25 Soil Sample Chemical Results

Volatile Organic Compounds	Units	25-A	MDL	Remark	25-A Deep	MDL	Remark	25-B	MDL	Remark
Tetrachloroethene	ug/kg	12	12	U	13	13	U	13	13	U
Toluene	ug/kg	12	12	U	13	13	U	13	13	U
trans-1,2-Dichloroethene	ug/kg	12	12	U	13	13	U	13	13	U
trans-1,3-Dichloropropene	ug/kg	4.9	4.9	U	5.1	5.1	U	5.1	5.1	U
Trichloroethene	ug/kg	4.9	4.9	U	5.1	5.1	U	5.1	5.1	U
Trichlorofluoromethane	ug/kg	12	12	U	13	13	U	13	13	U
Vinyl chloride	ug/kg	12	12	U	13	13	U	13	13	U
Semi-Volatile Organic Compounds	Units	25-A	MDL	Remark	25-A Deep	MDL	Remark	25-B	MDL	Remark
1,2,4-Trichlorobenzene	ug/kg	200	200	U	190	190	U	210	210	U
1-Methylnaphthalene	ug/kg	7.5	7.5	U	7.2	7.2	U	7.9	7.9	U
1-Methylphenanthrene	ug/kg	7.5	7.5	U	7.2	7.2	U	7.9	7.9	U
2,3,5-Trimethylnaphthalene	ug/kg	7.5	7.5	U	7.2	7.2	U	7.9	7.9	U
2,4,6-Trichlorophenol	ug/kg	68	68	U	65	65	U	71	71	U
2,4-Dichlorophenol	ug/kg	68	68	U	65	65	U	71	71	U
2,4-Dimethylphenol	ug/kg	410	410	U	390	390	U	430	430	U
2,4-Dinitrophenol	ug/kg	410	410	UJ	390	390	UJ	430	430	UJ
2,4-Dinitrotoluene	ug/kg	68	68	U	65	65	U	71	71	U
2,6-Dimethylnaphthalene	ug/kg	7.5	7.5	U	7.2	7.2	U	7.9	7.9	U
2,6-Dinitrotoluene	ug/kg	68	68	U	65	65	U	71	71	U
2-Chloronaphthalene	ug/kg	68	68	U	65	65	U	71	71	U
2-Chlorophenol	ug/kg	200	200	U	190	190	U	210	210	U
2-Methyl-4,6-dinitrophenol	ug/kg	68	68	U	65	65	U	71	71	U
2-Methylnaphthalene	ug/Kg	7.5	7.5	U	7.2	7.2	U	7.9	7.9	U
2-Nitrophenol	ug/kg	68	68	U	65	65	U	71	71	U
3,3'-Dichlorobenzidine	ug/kg	4.00E+03	4.00E+03	UJ	3.90E+03	3.90E+03	UJ	4.30E+03	4.30E+03	UJ
4-Bromophenyl phenyl ether	ug/kg	68	68	U	65	65	U	71	71	U
4-Chloro-3-methylphenol	ug/kg	68	68	U	65	65	U	71	71	U
4-Chlorophenyl phenyl ether	ug/kg	68	68	U	65	65	U	71	71	U
4-Nitrophenol	ug/kg	68	68	U	65	65	U	71	71	U

Table 2: Location 25 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	25-A	MDL	Remark	25-A Deep	MDL	Remark	25-B	MDL	Remark
Acenaphthene	ug/kg	7.5	7.5	U	7.2	7.2	U	7.9	7.9	U
Acenaphthylene	ug/kg	9	7.5	I	7.2	7.2	U	7.9	7.9	U
Anthracene	ug/kg	12	7.5	I	7.2	7.2	U	7.9	7.9	U
Azobenzene/1,2-Diphenylhydrazine	ug/kg	68	68	U	65	65	U	71	71	U
Benidine	ug/kg	1.50E+03	1.50E+03	U	1.30E+03	1.30E+03	U	1.50E+03	1.50E+03	U
Benzo(a)anthracene	ug/kg	14	7.5	I	7.2	7.2	U	7.9	7.9	U
Benzo(a)pyrene	ug/kg	14	7.5	I	7.2	7.2	U	7.9	7.9	U
Benzo(b)fluoranthene	ug/kg	33	7.5		7.2	7.2	U	7.9	7.9	U
Benzo(g,h,i)perylene	ug/kg	14	7.5	I	7.2	7.2	U	7.9	7.9	U
Benzo(k)fluoranthene	ug/kg	8.3	7.5	I	7.2	7.2	U	7.9	7.9	U
Biphenyl	ug/kg	7.5	7.5	U	7.2	7.2	U	7.9	7.9	U
Bis(2-chloroethoxy)methane	ug/kg	68	68	U	65	65	U	71	71	U
Bis(2-chloroethyl)ether	ug/kg	68	68	U	65	65	U	71	71	U
Bis(2-chloroisopropyl)ether	ug/kg	68	68	U	65	65	U	71	71	U
Bis(2-ethylhexyl)phthalate	ug/kg	410	410	U	2.40E+03	2.40E+03	U	2.60E+03	2.60E+03	U
Butyl benzyl phthalate	ug/kg	68	68	U	65	65	U	71	71	U
Chrysene	ug/kg	23	7.5	I	7.2	7.2	U	7.9	7.9	U
Dibenzo(a,h)anthracene	ug/kg	7.5	7.5	U	7.2	7.2	U	7.9	7.9	U
Dibenzothiophene	ug/kg	7.5	7.5	U	7.2	7.2	U	7.9	7.9	U
Diethyl phthalate	ug/kg	68	68	U	65	65	U	71	71	U
Dimethyl phthalate	ug/kg	68	68	U	65	65	U	71	71	U
Di-n-butyl phthalate	ug/kg	410	410	U	390	390	U	430	430	U
Di-n-octyl phthalate	ug/kg	68	68	U	65	65	U	71	71	U
Fluoranthene	ug/kg	28	7.5	I	7.2	7.2	U	7.9	7.9	U
Fluorene	ug/kg	7.5	7.5	U	7.2	7.2	U	7.9	7.9	U
Hexachlorobenzene	ug/kg	68	68	U	65	65	U	71	71	U
Hexachlorobutadiene	ug/kg	200	200	U	190	190	U	210	210	U
Hexachlorocyclopentadiene	ug/kg	68	68	U	65	65	U	71	71	U
Hexachloroethane	ug/kg	200	200	U	190	190	U	210	210	U

Table 2: Location 25 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	25-A	MDL	Remark	25-A Deep	MDL	Remark	25-B	MDL	Remark
Indeno(1,2,3-cd)pyrene	ug/kg	11	7.5	I	7.2	7.2	U	7.9	7.9	U
Isophorone	ug/kg	68	68	U	65	65	U	71	71	U
Naphthalene	ug/kg	7.5	7.5	U	7.2	7.2	U	7.9	7.9	U
Nitrobenzene	ug/kg	68	68	U	65	65	U	71	71	U
N-Nitrosodimethylamine	ug/kg	410	410	U	390	390	U	430	430	U
N-Nitrosodi-n-propylamine	ug/kg	68	68	U	65	65	U	71	71	U
N-Nitrosodiphenylamine/ Diphenylamine	ug/kg	68	68	U	65	65	U	71	71	U
Pentachlorophenol	ug/kg	68	68	U	65	65	U	71	71	U
Phenanthrene	ug/kg	7.5	7.5	U	7.2	7.2	U	7.9	7.9	U
Phenol	ug/kg	68	68	U	65	65	U	71	71	U
Pyrene	ug/kg	26	7.5	I	7.2	7.2	U	7.9	7.9	U
TRPH	mg/kg	12	12	U	11	11	U	15	12	I
Pesticides/Herbicides/PCBs	Units	25-A	MDL	Remark	25-A Deep	MDL	Remark	25-B	MDL	Remark
2,4,5-T	ug/kg	7.3	7.3	U						
2,4-D	ug/kg	7.3	7.3	UJ						
3-Hydroxycarbofuran	ug/kg	0.57	0.57	UJ						
Acifluorfen	ug/kg	7.3	7.3	UJ						
Aldicarb	ug/kg	0.57	0.57	UJ						
Aldicarb Sulfone	ug/kg	0.57	0.57	UJ						
Aldicarb Sulfoxide	ug/kg	0.57	0.57	UJ						
Carbaryl	ug/kg	0.57	0.57	UJ						
Carbofuran	ug/kg	0.57	0.57	UJ						
Diuron	ug/kg	6.8	6.8	U						
Imidacloprid	ug/kg	6.8	6.8	U						
Linuron	ug/kg	6.8	6.8	U						
Methiocarb	ug/kg	0.57	0.57	UJ						
Methomyl	ug/kg	0.57	0.57	UJ						
Oxamyl	ug/kg	0.57	0.57	UJ						
Propoxur	ug/kg	0.57	0.57	UJ						

Table 2: Location 25 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	25-A	MDL	Remark	25-A Deep	MDL	Remark	25-B	MDL	Remark
Silvex	ug/kg	7.3	7.3	U						
Alachlor	ug/kg	11	11	U	11	11	U	12	12	U
Aldrin	ug/Kg	0.38	0.38	U	0.36	0.36	U	0.4	0.4	U
Alpha-BHC	ug/Kg	0.38	0.38	U	0.36	0.36	U	0.4	0.4	U
Ametryn	ug/kg	1.9	1.9	U	1.8	1.8	U	2	2	U
Atrazine	ug/kg	1.9	1.9	U	1.8	1.8	U	2	2	U
Azinphos Methyl	ug/kg	5.6	5.6	UJ	5.4	5.4	U	5.9	5.9	U
Beta-BHC	ug/Kg	0.38	0.38	U	0.36	0.36	U	0.4	0.4	U
Bromacil	ug/kg	7.5	7.5	U	7.2	7.2	U	7.9	7.9	U
Chlordane	ug/Kg	5.6	5.6	U	5.4	5.4	U	5.9	5.9	U
Chlorpyrifos Ethyl	ug/kg	1.9	1.9	U	1.8	1.8	U	2	2	U
Chlorpyrifos Methyl	ug/kg	3.8	3.8	U	3.6	3.6	U	4	4	U
DDD-p,p'	ug/Kg	0.75	0.75	U	0.72	0.72	U	0.79	0.79	U
DDE-p,p'	ug/Kg	0.75	0.75	U	0.72	0.72	U	0.79	0.79	U
DDT-p,p'	ug/Kg	1.1	1.1	U	1.1	1.1	U	1.2	1.2	U
Delta-BHC	ug/Kg	0.75	0.75	U	0.72	0.72	U	0.79	0.79	U
Diazinon	ug/kg	1.9	1.9	U	1.8	1.8	U	2	2	U
Dieldrin	ug/Kg	0.38	0.38	U	0.36	0.36	U	0.4	0.4	U
Endosulfan I	ug/Kg	0.38	0.38	U	0.36	0.36	U	0.4	0.4	U
Endosulfan II	ug/Kg	0.38	0.38	U	0.36	0.36	U	0.4	0.4	U
Endosulfan Sulfate	ug/Kg	0.75	0.75	U	0.72	0.72	U	0.79	0.79	U
Endrin	ug/Kg	1.9	1.9	U	1.8	1.8	U	2	2	U
Endrin Aldehyde	ug/Kg	0.75	0.75	U	0.72	0.72	U	0.79	0.79	U
Ethion	ug/kg	1.9	1.9	U	1.8	1.8	U	2	2	U
Ethoprop	ug/kg	1.9	1.9	U	1.8	1.8	UJ	2	2	U
Fenamiphos	ug/kg	7.5	7.5	U	7.2	7.2	U	7.9	7.9	U
Fonofos	ug/kg	1.9	1.9	U	1.8	1.8	U	2	2	U
Gamma-BHC	ug/Kg	0.38	0.38	U	0.36	0.36	U	0.4	0.4	U
Heptachlor	ug/Kg	0.38	0.38	UJ	0.36	0.36	U	0.4	0.4	U

Table 2: Location 25 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	25-A	MDL	Remark	25-A Deep	MDL	Remark	25-B	MDL	Remark
Heptachlor Epoxide	ug/kg	0.38	0.38	U	0.36	0.36	U	0.4	0.4	U
Hexazinone	ug/kg	3.8	3.8	UJ	3.6	3.6	UJ	4	4	U
Malathion	ug/kg	3.8	3.8	U	3.6	3.6	U	4	4	U
Methamidophos	ug/kg	19	19	U	18	18	U	20	20	U
Methoxychlor	ug/kg	1.9	1.9	U	1.8	1.8	U	2	2	U
Metolachlor	ug/kg	11	11	U	11	11	U	12	12	U
Metribuzin	ug/kg	3.8	3.8	U	3.6	3.6	U	4	4	U
Mevinphos	ug/kg	7.5	7.5	U	7.2	7.2	U	7.9	7.9	U
Monocrotophos	ug/kg	19	19	UJ	18	18	U	20	20	U
Naled	ug/kg	15	15	U	14	14	U	16	16	U
Norflurazon	ug/kg	3.8	3.8	UJ	3.6	3.6	UJ	4	4	U
Parathion Ethyl	ug/kg	3.8	3.8	U	3.6	3.6	U	4	4	U
Parathion Methyl	ug/kg	3.8	3.8	U	3.6	3.6	U	4	4	U
PCB-1016	ug/Kg	11	11	U	11	11	U	12	12	U
PCB-1221	ug/Kg	7.5	7.5	U	7.2	7.2	U	7.9	7.9	U
PCB-1232	ug/Kg	17	17	U	16	16	U	18	18	U
PCB-1242	ug/Kg	11	11	U	11	11	U	12	12	U
PCB-1248	ug/Kg	7.5	7.5	U	7.2	7.2	U	7.9	7.9	U
PCB-1254	ug/Kg	7.5	7.5	U	7.2	7.2	U	7.9	7.9	U
PCB-1260	ug/Kg	11	11	U	11	11	U	12	12	U
Phorate	ug/kg	1.9	1.9	U	1.8	1.8	U	2	2	U
Prometryn	ug/kg	3.8	3.8	U	3.6	3.6	U	4	4	U
Simazine	ug/kg	1.9	1.9	U	1.8	1.8	U	2	2	U
Toxaphene	ug/Kg	28	28	U	27	27	U	30	30	U
Diquat	mg/Kg	0.044	0.044	U						
Paraquat	mg/Kg	0.056	0.056	U						
Metals	Units	25-A	MDL	Remark	25-A Deep	MDL	Remark	25-B	MDL	Remark
Mercury	mg/Kg	0.022	0.0056	I	0.0097	0.0053	I	0.012	0.0056	I
Antimony	mg/Kg	0.24	0.24	U	0.25	0.25	U	0.25	0.25	U

Table 2: Location 25 Soil Sample Chemical Results

Metals	Units	25-A	MDL	Remark	25-A Deep	MDL	Remark	25-B	MDL	Remark
Arsenic	mg/Kg	3.64	0.098		1.22	0.1		0.64	0.099	
Barium	mg/Kg	8.67	0.098		3.4	0.1		7.03	0.099	
Beryllium	mg/Kg	0.065	0.039	I	0.04	0.04	U	0.096	0.04	I
Cadmium	mg/Kg	0.06	0.049	I	0.05	0.05	U	0.056	0.05	I
Chromium	mg/Kg	7.23	0.24		2.17	0.25		5.51	0.25	
Cobalt	mg/Kg	0.696	0.02		0.206	0.02		0.461	0.02	
Copper	mg/Kg	6.13	0.24		2.04	0.25		3.08	0.25	
Lead	mg/Kg	3.7	0.37		1.6	0.38		1.4	0.37	I
Nickel	mg/Kg	1.46	0.24		0.62	0.25	I	1.22	0.25	
Selenium	mg/Kg	0.15	0.15	U	0.15	0.15	I	0.26	0.15	I
Silver	mg/Kg	0.951	0.012		0.039	0.013	I	0.033	0.012	I
Thallium	mg/Kg	0.049	0.049	U	0.05	0.05	U	0.05	0.05	U
Zinc	mg/Kg	23.5	2		4	2	I	12.4	2	
Dioxins/Furans	Units	25-A	MDL	Remark	25-A Deep	MDL	Remark	25-B	MDL	Remark
1,2,3,4,6,7,8-HpCDD	ng/Kg	147	2.84							
1,2,3,4,6,7,8-HpCDF	ng/Kg	18.6	2.84							
1,2,3,4,7,8,9-HpCDF	ng/Kg	1.14	2.84	I						
1,2,3,4,7,8-HxCDD	ng/Kg	1.07	2.84	I						
1,2,3,4,7,8-HxCDF	ng/Kg	0.795	2.84	IJ						
1,2,3,6,7,8-HxCDD	ng/Kg	3.34	2.84							
1,2,3,6,7,8-HxCDF	ng/Kg	0.577	2.84	I						
1,2,3,7,8,9-HxCDD	ng/Kg	1.67	2.84	I						
1,2,3,7,8,9-HxCDF	ng/Kg	0.131	2.84	U						
1,2,3,7,8-PeCDD	ng/Kg	0.425	2.84	IJ						
1,2,3,7,8-PeCDF	ng/Kg	0.0651	2.84	U						
2,3,4,6,7,8-HxCDF	ng/Kg	0.733	2.84	I						
2,3,4,7,8-PeCDF	ng/Kg	0.101	2.84	IJ						
2,3,7,8-TCDD	ng/Kg	0.126	1.14	U						
2,3,7,8-TCDF	ng/Kg	0.146	1.14	U						

Table 2: Location 25 Soil Sample Chemical Results

Dioxins/Furans	Units	25-A	MDL	Remark	25-A Deep	MDL	Remark	25-B	MDL	Remark
OCDD	ng/Kg	1650	5.68	LV						
OCDF	ng/Kg	88.8	5.68							
Total Hepta-Dioxins	ng/Kg	557	2.84							
Total Hepta-Furans	ng/Kg	67	2.84							
Total Hexa-Dioxins	ng/Kg	36.1	2.84							
Total Hexa-Furans	ng/Kg	19.5	2.84							
Total Penta-Dioxins	ng/Kg	3.27	2.84							
Total Penta-Furans	ng/Kg	4.78	2.84							
Total Tetra-Dioxins	ng/Kg	0.446	1.14	I						
Total Tetra-Furans	ng/Kg	1.47	1.14							
Calculated Total Toxicity Equivalents (TEQ)	Units	25-A			25-A Deep			25-B		
Dioxins as total 2,3,7,8-TCDD	ng/Kg	3.21								
Total Benzo(a)pyrene	mg/Kg	0.02								

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

Table 3: Location 25 Soil Sample Radionuclide Results

Radionuclides	Units	25-A	Remark	25-A Deep	Remark	25-B	Remark
Actinium-228	pCi/g	0.17	UJ	0.192	U	0.19	UJ
Actinium-228 Uncertainty	pCi/g	0.112		0.107		0.142	
Alpha Uncertainty	pCi/g	2.4		1.61		3.45	
Alpha, Total	pCi/g	3.21	U	3.39	U	7.52	
Americium-241	pCi/g	0.149	U	0.244	U	0.187	U
Americium-241 Uncertainty	pCi/g	0.0997		0.145		0.103	
Antimony-124	pCi/g	0.0846	U	0.0967	U	0.112	U
Antimony-124 Uncertainty	pCi/g	0.0592		0.0572		0.0649	
Antimony-125	pCi/g	0.0645	U	0.0923	U	0.0886	U
Antimony-125 Uncertainty	pCi/g	0.0383		0.0543		0.0514	
Barium-133	pCi/g	0.0294	U	0.0474	U	0.0399	U
Barium-133 Uncertainty	pCi/g	0.0204		0.0285		0.0263	
Barium-140	pCi/g	0.723	U	1.04	U	0.902	U
Barium-140 Uncertainty	pCi/g	0.414		0.564		0.563	
Beryllium-7	pCi/g	0.385	U	0.477	U	0.458	U
Beryllium-7 Uncertainty	pCi/g	0.219		0.29		0.242	
Beta Uncertainty	pCi/g	2.63		2.14		3.71	
Beta, Total	pCi/g	4.56	U	4.12	U	7.96	
Bismuth-212	pCi/g	0.377	U	0.509	U	0.47	U
Bismuth-212 Uncertainty	pCi/g	0.241		0.281		0.279	
Bismuth-214	pCi/g	0.364		0.128	U	0.89	
Bismuth-214 Uncertainty	pCi/g	0.0735		0.0899		0.13	
Cerium-139	pCi/g	0.0259	U	0.0382	U	0.0319	U
Cerium-139 Uncertainty	pCi/g	0.0172		0.0211		0.0181	
Cerium-141	pCi/g	0.076	U	0.115	U	0.107	U
Cerium-141 Uncertainty	pCi/g	0.0423		0.0625		0.061	
Cerium-144	pCi/g	0.157	U	0.234	U	0.22	U
Cerium-144 Uncertainty	pCi/g	0.0881		0.13		0.126	

Table 3: Location 25 Soil Sample Radionuclide Results

Radionuclides	Units	25-A	Remark	25-A Deep	Remark	25-B	Remark
Cesium-134	pCi/g	0.0333	U	0.0463	U	0.0457	U
Cesium-134 Uncertainty	pCi/g	0.0214		0.024		0.0243	
Cesium-136	pCi/g	0.244	U	0.356	U	0.356	U
Cesium-136 Uncertainty	pCi/g	0.154		0.188		0.199	
Cesium-137	pCi/g	0.0867		0.0525	U	0.034	U
Cesium-137 Uncertainty	pCi/g	0.0303		0.0265		0.0196	
Chromium-51	pCi/g	0.534	U	0.719	U	0.607	U
Chromium-51 Uncertainty	pCi/g	0.312		0.408		0.39	
Cobalt-56	pCi/g	0.0352	U	0.034	U	0.0458	U
Cobalt-56 Uncertainty	pCi/g	0.0221		0.028		0.0285	
Cobalt-57	pCi/g	0.0192	U	0.0257	U	0.0275	U
Cobalt-57 Uncertainty	pCi/g	0.0112		0.0153		0.0157	
Cobalt-58	pCi/g	0.0377	U	0.0434	U	0.0408	U
Cobalt-58 Uncertainty	pCi/g	0.0213		0.0259		0.0257	
Cobalt-60	pCi/g	0.0398	U	0.0329	U	0.0364	U
Cobalt-60 Uncertainty	pCi/g	0.0202		0.0221		0.0212	
Europium-152	pCi/g	0.0724	U	0.115	U	0.0917	U
Europium-152 Uncertainty	pCi/g	0.0454		0.0647		0.0633	
Europium-154	pCi/g	0.085	U	0.106	U	0.0931	U
Europium-154 Uncertainty	pCi/g	0.0453		0.0618		0.0607	
Europium-155	pCi/g	0.0785	U	0.118	U	0.11	U
Europium-155 Uncertainty	pCi/g	0.046		0.0599		0.0593	
Iridium-192	pCi/g	0.0359	U	0.0437	U	0.0441	U
Iridium-192 Uncertainty	pCi/g	0.0198		0.0256		0.0248	
Iron-59	pCi/g	0.1	U	0.122	U	0.121	U
Iron-59 Uncertainty	pCi/g	0.0578		0.0673		0.0646	
Lead-210	pCi/g	6.74	U	9.75	U	6.64	U
Lead-210 Uncertainty	pCi/g	3.92		5.37		3.43	

Table 3: Location 25 Soil Sample Radionuclide Results

Radionuclides	Units	25-A	Remark	25-A Deep	Remark	25-B	Remark
Lead-212	pCi/g	0.135		0.103	U	0.204	
Lead-212 Uncertainty	pCi/g	0.0412		0.0542		0.0545	
Lead-214	pCi/g	0.331		0.132	UJ	0.955	
Lead-214 Uncertainty	pCi/g	0.0788		0.0713		0.139	
Manganese-54	pCi/g	0.0304	U	0.035	U	0.034	U
Manganese-54 Uncertainty	pCi/g	0.0155		0.0229		0.0206	
Mercury-203	pCi/g	0.0451	U	0.0647	U	0.0557	U
Mercury-203 Uncertainty	pCi/g	0.0248		0.0377		0.0303	
Neodymium-147	pCi/g	2.03	U	2.28	U	2.09	U
Neodymium-147 Uncertainty	pCi/g	1.17		1.54		1.3	
Neptunium-239	pCi/g	0.284	U	0.42	U	0.387	U
Neptunium-239 Uncertainty	pCi/g	0.166		0.235		0.224	
Niobium-94	pCi/g	0.0288	U	0.0361	U	0.0332	U
Niobium-94 Uncertainty	pCi/g	0.0149		0.0197		0.0178	
Niobium-95	pCi/g	0.0495	U	0.0565	U	0.0565	U
Niobium-95 Uncertainty	pCi/g	0.0277		0.0293		0.0343	
Potassium-40	pCi/g	0.805		0.492	U	1.32	
Potassium-40 Uncertainty	pCi/g	0.323		0.265		0.45	
Promethium-144	pCi/g	0.0279	U	0.0349	U	0.0324	U
Promethium-144 Uncertainty	pCi/g	0.0168		0.0207		0.018	
Promethium-146	pCi/g	0.0334	U	0.0441	U	0.0385	U
Promethium-146 Uncertainty	pCi/g	0.0196		0.0272		0.0223	
Radium-228	pCi/g	0.17	UJ	0.192	U	0.19	UJ
Radium-228 Uncertainty	pCi/g	0.112		0.107		0.142	
Ruthenium-106	pCi/g	0.27	U	0.297	U	0.272	U
Ruthenium-106 Uncertainty	pCi/g	0.146		0.195		0.169	
Silver-110m	pCi/g	0.0376	U	0.0481	U	0.0435	U
Silver-110m Uncertainty	pCi/g	0.0251		0.0286		0.0266	

Table 3: Location 25 Soil Sample Radionuclide Results

Radionuclides	Units	25-A	Remark	25-A Deep	Remark	25-B	Remark
Sodium-22	pCi/g	0.0302	U	0.038	U	0.033	U
Sodium-22 Uncertainty	pCi/g	0.0163		0.0226		0.0216	
Thallium-208	pCi/g	0.0403	U	0.0402	U	0.0794	
Thallium-208 Uncertainty	pCi/g	0.023		0.031		0.0343	
Thorium-234	pCi/g	1.49	U	2.29	U	1.79	U
Thorium-234 Uncertainty	pCi/g	0.848		1.18		0.986	
Tin-113	pCi/g	0.0403	U	0.0543	U	0.0477	U
Tin-113 Uncertainty	pCi/g	0.0236		0.0326		0.0275	
Uranium-235	pCi/g	0.146	U	0.226	U	0.207	U
Uranium-235 Uncertainty	pCi/g	0.0853		0.135		0.125	
Uranium-238	pCi/g	1.49	U	2.29	U	1.79	U
Uranium-238 Uncertainty	pCi/g	0.848		1.18		0.986	
Yttrium-88	pCi/g	0.0386	U	0.0545	U	0.0379	U
Yttrium-88 Uncertainty	pCi/g	0.0251		0.0316		0.0214	
Zinc-65	pCi/g	0.0671	U	0.0825	U	0.0809	U
Zinc-65 Uncertainty	pCi/g	0.0386		0.0579		0.0543	
Zirconium-95	pCi/g	0.0614	U	0.0982	U	0.0835	U
Zirconium-95 Uncertainty	pCi/g	0.0352		0.0509		0.048	

Location 26

Table 1: Summary of Residential SCTL Exceedances in Soil Samples Collected from Location 26
March/April 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation

Analyte	Residential SCTL	26-A	26-A Deep	26-B
<i>Exceedances</i>				
None				

SCTL=Soil Cleanup Target Level

ND=Non Detect

NA=Not Analyzed

Yellow Shading=Exceedance of SCTL

ng/Kg= nanograms per Kilogram

mg/Kg=milligrams per Kilogram

Table 2: Location 26 Soil Sample Chemical Results

Volatile Organic Compounds	Units	26-A	MDL	Remark	26-A Deep	MDL	Remark	26-B	MDL	Remark
1,1,1-Trichloroethane	ug/kg	4.9	4.9	U	4.7	4.7	U	6.2	6.2	U
1,1,2,2-Tetrachloroethane	ug/kg	12	12	UJ	12	12	UJ	16	16	UJ
1,1,2-Trichloroethane	ug/kg	4.9	4.9	U	4.7	4.7	U	6.2	6.2	U
1,1-Dichloroethane	ug/kg	4.9	4.9	U	4.7	4.7	U	6.2	6.2	U
1,1-Dichloroethene	ug/kg	12	12	U	12	12	U	16	16	U
1,2-Dichlorobenzene	ug/kg	12	12	U	12	12	U	16	16	U
1,2-Dichloroethane	ug/kg	4.9	4.9	U	4.7	4.7	U	6.2	6.2	U
1,2-Dichloropropane	ug/kg	12	12	U	12	12	U	16	16	U
1,3-Dichlorobenzene	ug/kg	12	12	U	12	12	U	16	16	U
1,4-Dichlorobenzene	ug/kg	12	12	U	12	12	U	16	16	U
2-Butanone	ug/kg	120	120	U	120	120	U	160	160	U
2-Chloroethylvinyl ether	ug/kg	12	12	U	12	12	U	16	16	U
Benzene	ug/kg	4.9	4.9	U	4.7	4.7	U	6.2	6.2	U
Bromodichloromethane	ug/kg	4.9	4.9	U	4.7	4.7	U	6.2	6.2	U
Bromoform	ug/kg	12	12	UJ	12	12	UJ	16	16	UJ
Bromomethane	ug/kg	12	12	U	12	12	U	16	16	U
Carbon tetrachloride	ug/kg	4.9	4.9	UJ	4.7	4.7	U	6.2	6.2	U
Chlorobenzene	ug/kg	4.9	4.9	U	4.7	4.7	U	6.2	6.2	U
Chloroethane	ug/kg	12	12	U	12	12	U	16	16	U
Chloroform	ug/kg	4.9	4.9	U	4.7	4.7	U	6.2	6.2	U
Chloromethane	ug/kg	12	12	U	12	12	U	16	16	U
cis-1,2-Dichloroethene	ug/kg	12	12	U	12	12	U	16	16	U
cis-1,3-Dichloropropene	ug/kg	12	12	UJ	12	12	UJ	16	16	UJ
Dibromochloromethane	ug/kg	4.9	4.9	U	4.7	4.7	U	6.2	6.2	U
Ethylbenzene	ug/kg	12	12	U	12	12	U	16	16	U
m,p-Xylene	ug/kg	12	12	U	12	12	U	16	16	U
Methylene chloride	ug/kg	12	12	UJ	12	12	U	16	16	U
Methyl-t-butyl ether	ug/kg	12	12	U	12	12	U	16	16	U
o-Xylene	ug/kg	4.9	4.9	U	4.7	4.7	U	6.2	6.2	U

Table 2: Location 26 Soil Sample Chemical Results

Volatile Organic Compounds	Units	26-A	MDL	Remark	26-A Deep	MDL	Remark	26-B	MDL	Remark
Tetrachloroethene	ug/kg	12	12	U	12	12	U	16	16	U
Toluene	ug/kg	12	12	U	12	12	U	16	16	U
trans-1,2-Dichloroethene	ug/kg	12	12	U	12	12	U	16	16	U
trans-1,3-Dichloropropene	ug/kg	4.9	4.9	U	4.7	4.7	U	6.2	6.2	U
Trichloroethene	ug/kg	4.9	4.9	U	4.7	4.7	U	6.2	6.2	U
Trichlorofluoromethane	ug/kg	12	12	U	12	12	U	16	16	U
Vinyl chloride	ug/kg	12	12	U	12	12	U	16	16	U
Semi-Volatile Organic Compounds	Units	26-A	MDL	Remark	26-A Deep	MDL	Remark	26-B	MDL	Remark
1,2,4-Trichlorobenzene	ug/kg	200	200	U	190	190	U	200	200	U
1-Methylnaphthalene	ug/kg	7.4	7.4	U	7.1	7.1	U	7.5	7.5	U
1-Methylphenanthrene	ug/kg	7.4	7.4	U	7.1	7.1	U	7.5	7.5	U
2,3,5-Trimethylnaphthalene	ug/kg	7.4	7.4	U	7.1	7.1	U	7.5	7.5	U
2,4,6-Trichlorophenol	ug/kg	66	66	U	64	64	U	68	68	U
2,4-Dichlorophenol	ug/kg	66	66	U	64	64	U	68	68	U
2,4-Dimethylphenol	ug/kg	400	400	U	390	390	U	410	410	U
2,4-Dinitrophenol	ug/kg	400	400	U	390	390	U	410	410	U
2,4-Dinitrotoluene	ug/kg	66	66	U	64	64	U	68	68	U
2,6-Dimethylnaphthalene	ug/kg	7.4	7.4	U	7.1	7.1	U	7.5	7.5	U
2,6-Dinitrotoluene	ug/kg	66	66	U	64	64	U	68	68	U
2-Chloronaphthalene	ug/kg	66	66	U	64	64	U	68	68	U
2-Chlorophenol	ug/kg	200	200	U	190	190	U	200	200	U
2-Methyl-4,6-dinitrophenol	ug/kg	66	66	U	64	64	U	68	68	U
2-Methylnaphthalene	ug/Kg	7.4	7.4	U	7.1	7.1	U	7.5	7.5	U
2-Nitrophenol	ug/kg	66	66	U	64	64	U	68	68	U
3,3'-Dichlorobenzidine	ug/kg	4000	4000	UJ	3900	3900	UJ	4000	4000	U
4-Bromophenyl phenyl ether	ug/kg	66	66	U	64	64	U	68	68	U
4-Chloro-3-methylphenol	ug/kg	66	66	U	64	64	U	68	68	U
4-Chlorophenyl phenyl ether	ug/kg	66	66	U	64	64	U	68	68	U
4-Nitrophenol	ug/kg	66	66	U	64	64	U	68	68	U

Table 2: Location 26 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	26-A	MDL	Remark	26-A Deep	MDL	Remark	26-B	MDL	Remark
Acenaphthene	ug/kg	7.4	7.4	U	7.1	7.1	U	7.5	7.5	U
Acenaphthylene	ug/kg	7.4	7.4	U	7.1	7.1	U	7.5	7.5	U
Anthracene	ug/kg	7.4	7.4	U	7.1	7.1	U	7.5	7.5	U
Azobenzene/1,2-Diphenylhydrazine	ug/kg	66	66	U	64	64	U	68	68	U
Benzidine	ug/kg	1300	1300	U	1300	1300	UJ	1500	1500	UJ
Benzo(a)anthracene	ug/kg	7.4	7.4	U	7.1	7.1	U	7.5	7.5	U
Benzo(a)pyrene	ug/kg	7.4	7.4	U	7.1	7.1	U	7.5	7.5	U
Benzo(b)fluoranthene	ug/kg	7.4	7.4	U	7.1	7.1	U	7.5	7.5	U
Benzo(g,h,i)perylene	ug/kg	7.4	7.4	U	7.1	7.1	U	7.5	7.5	U
Benzo(k)fluoranthene	ug/kg	7.4	7.4	U	7.1	7.1	U	7.5	7.5	U
Biphenyl	ug/kg	7.4	7.4	U	7.1	7.1	U	7.5	7.5	U
Bis(2-chloroethoxy)methane	ug/kg	66	66	U	64	64	U	68	68	U
Bis(2-chloroethyl)ether	ug/kg	66	66	U	64	64	U	68	68	U
Bis(2-chloroisopropyl)ether	ug/kg	66	66	U	64	64	U	68	68	U
Bis(2-ethylhexyl)phthalate	ug/kg	400	400	UJ	590	390	IQ	410	410	U
Butyl benzyl phthalate	ug/kg	66	66	UJ	64	64	U	68	68	U
Chrysene	ug/kg	7.4	7.4	U	7.1	7.1	U	7.5	7.5	U
Dibenzo(a,h)anthracene	ug/kg	7.4	7.4	U	7.1	7.1	U	7.5	7.5	U
Dibenzothiophene	ug/kg	7.4	7.4	U	7.1	7.1	U	7.5	7.5	U
Diethyl phthalate	ug/kg	66	66	U	64	64	U	68	68	U
Dimethyl phthalate	ug/kg	66	66	U	64	64	U	68	68	U
Di-n-butyl phthalate	ug/kg	400	400	U	390	390	U	410	410	U
Di-n-octyl phthalate	ug/kg	66	66	UJ	64	64	U	68	68	U
Fluoranthene	ug/kg	7.4	7.4	U	7.1	7.1	U	7.5	7.5	U
Fluorene	ug/kg	7.4	7.4	U	7.1	7.1	U	7.5	7.5	U
Hexachlorobenzene	ug/kg	66	66	U	64	64	U	68	68	U
Hexachlorobutadiene	ug/kg	200	200	U	190	190	U	200	200	U
Hexachlorocyclopentadiene	ug/kg	66	66	UJ	64	64	UJ	68	68	UJ
Hexachloroethane	ug/kg	200	200	U	190	190	U	200	200	U

Table 2: Location 26 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	26-A	MDL	Remark	26-A Deep	MDL	Remark	26-B	MDL	Remark
Indeno(1,2,3-cd)pyrene	ug/kg	7.4	7.4	U	7.1	7.1	U	7.5	7.5	U
Isophorone	ug/kg	66	66	U	64	64	U	68	68	U
Naphthalene	ug/kg	7.4	7.4	U	7.1	7.1	U	7.5	7.5	U
Nitrobenzene	ug/kg	66	66	U	64	64	U	68	68	U
N-Nitrosodimethylamine	ug/kg	400	400	U	390	390	U	410	410	U
N-Nitrosodi-n-propylamine	ug/kg	66	66	U	64	64	U	68	68	U
N-Nitrosodiphenylamine/ Diphenylamine	ug/kg	66	66	U	64	64	U	68	68	U
Pentachlorophenol	ug/kg	66	66	U	64	64	U	68	68	U
Phenanthrene	ug/kg	7.4	7.4	U	7.1	7.1	U	7.5	7.5	U
Phenol	ug/kg	66	66	U	64	64	U	68	68	U
Pyrene	ug/kg	7.4	7.4	U	7.1	7.1	U	7.5	7.5	U
TRPH	mg/kg	11	11	U	11	11	U	12	12	U
Pesticides/Herbicides/PCBs	Units	26-A	MDL	Remark	26-A Deep	MDL	Remark	26-B	MDL	Remark
2,4,5-T	ug/kg	7.2	7.2	U						
2,4-D	ug/kg	7.2	7.2	U						
3-Hydroxycarbofuran	ug/kg	0.56	0.56	UJ						
Acifluorfen	ug/kg	7.2	7.2	U						
Aldicarb	ug/kg	0.56	0.56	UJ						
Aldicarb Sulfone	ug/kg	0.56	0.56	UJ						
Aldicarb Sulfoxide	ug/kg	0.56	0.56	UJ						
Carbaryl	ug/kg	0.56	0.56	UJ						
Carbofuran	ug/kg	0.56	0.56	UJ						
Diuron	ug/kg	6.7	6.7	U						
Imidacloprid	ug/kg	6.7	6.7	U						
Linuron	ug/kg	6.7	6.7	U						
Methiocarb	ug/kg	0.56	0.56	UJ						
Methomyl	ug/kg	0.56	0.56	UJ						
Oxamyl	ug/kg	0.56	0.56	UJ						
Propoxur	ug/kg	0.56	0.56	UJ						

Table 2: Location 26 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	26-A	MDL	Remark	26-A Deep	MDL	Remark	26-B	MDL	Remark
Silvex	ug/kg	7.2	7.2	U						
Alachlor	ug/kg	11	11	U	11	11	U	11	11	U
Aldrin	ug/Kg	0.37	0.37	U	0.36	0.36	U	0.38	0.38	U
Alpha-BHC	ug/Kg	0.37	0.37	U	0.36	0.36	U	0.38	0.38	U
Ametryn	ug/kg	1.8	1.8	U	1.8	1.8	U	1.9	1.9	U
Atrazine	ug/kg	1.8	1.8	U	1.8	1.8	U	1.9	1.9	U
Azinphos Methyl	ug/kg	5.5	5.5	U	5.4	5.4	U	5.6	5.6	U
Beta-BHC	ug/Kg	0.37	0.37	U	0.36	0.36	U	0.38	0.38	U
Bromacil	ug/kg	7.4	7.4	U	7.1	7.1	U	7.5	7.5	U
Chlordane	ug/Kg	5.5	5.5	U	5.4	5.4	U	5.6	5.6	U
Chlorpyrifos Ethyl	ug/kg	3.1	1.8	I	1.8	1.8	U	1.9	1.9	U
Chlorpyrifos Methyl	ug/kg	3.7	3.7	U	3.6	3.6	U	3.8	3.8	U
DDD-p,p'	ug/Kg	0.74	0.74	U	0.71	0.71	U	0.75	0.75	U
DDE-p,p'	ug/Kg	0.74	0.74	U	0.71	0.71	U	0.75	0.75	U
DDT-p,p'	ug/Kg	1.1	1.1	U	1.1	1.1	U	1.1	1.1	U
Delta-BHC	ug/Kg	0.74	0.74	U	0.71	0.71	U	0.75	0.75	U
Diazinon	ug/kg	44	1.8		1.8	1.8	U	1.9	1.9	U
Dieldrin	ug/Kg	0.37	0.37	U	0.36	0.36	U	0.38	0.38	U
Endosulfan I	ug/Kg	0.37	0.37	U	0.36	0.36	U	0.38	0.38	U
Endosulfan II	ug/Kg	0.37	0.37	U	0.36	0.36	U	0.38	0.38	U
Endosulfan Sulfate	ug/Kg	0.74	0.74	U	0.71	0.71	U	0.75	0.75	U
Endrin	ug/Kg	1.8	1.8	U	1.8	1.8	U	1.9	1.9	U
Endrin Aldehyde	ug/Kg	0.74	0.74	U	0.71	0.71	U	0.75	0.75	U
Ethion	ug/kg	1.8	1.8	U	1.8	1.8	U	1.9	1.9	U
Ethoprop	ug/kg	1.8	1.8	U	1.8	1.8	U	1.9	1.9	U
Fenamiphos	ug/kg	7.4	7.4	U	3.6	3.6	U	3.8	3.8	U
Fonofos	ug/kg	1.8	1.8	U	1.8	1.8	U	1.9	1.9	U
Gamma-BHC	ug/Kg	0.37	0.37	U	0.36	0.36	U	0.38	0.38	U
Heptachlor	ug/Kg	0.37	0.37	U	0.36	0.36	U	0.38	0.38	U

Table 2: Location 26 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	26-A	MDL	Remark	26-A Deep	MDL	Remark	26-B	MDL	Remark
Heptachlor Epoxide	ug/kg	0.37	0.37	U	0.36	0.36	U	0.38	0.38	U
Hexazinone	ug/kg	3.7	3.7	U	3.6	3.6	U	3.8	3.8	U
Malathion	ug/kg	3.7	3.7	U	3.6	3.6	U	3.8	3.8	U
Methamidophos	ug/kg	18	18	U	18	18	U	19	19	U
Methoxychlor	ug/kg	1.8	1.8	U	1.8	1.8	U	1.9	1.9	U
Metolachlor	ug/kg	11	11	U	11	11	U	11	11	U
Metribuzin	ug/kg	3.7	3.7	U	3.6	3.6	U	3.8	3.8	U
Mevinphos	ug/kg	7.4	7.4	U	7.1	7.1	U	7.5	7.5	U
Monocrotophos	ug/kg	18	18	UJ	18	18	U	19	19	U
Naled	ug/kg	15	15	UJ	14	14	U	15	15	U
Norflurazon	ug/kg	3.7	3.7	U	3.6	3.6	U	3.8	3.8	U
Parathion Ethyl	ug/kg	3.7	3.7	U	3.6	3.6	U	3.8	3.8	U
Parathion Methyl	ug/kg	3.7	3.7	U	3.6	3.6	U	3.8	3.8	U
PCB-1016	ug/Kg	11	11	U	11	11	U	11	11	U
PCB-1221	ug/Kg	7.4	7.4	U	7.1	7.1	U	7.5	7.5	U
PCB-1232	ug/Kg	17	17	U	16	16	U	17	17	U
PCB-1242	ug/Kg	11	11	U	11	11	U	11	11	U
PCB-1248	ug/Kg	7.4	7.4	U	7.1	7.1	U	7.5	7.5	U
PCB-1254	ug/Kg	7.4	7.4	U	7.1	7.1	U	7.5	7.5	U
PCB-1260	ug/Kg	11	11	U	11	11	U	11	11	U
Phorate	ug/kg	1.8	1.8	U	1.8	1.8	U	1.9	1.9	U
Prometryn	ug/kg	3.7	3.7	U	3.6	3.6	U	3.8	3.8	U
Simazine	ug/kg	1.8	1.8	U	1.8	1.8	U	1.9	1.9	U
Toxaphene	ug/Kg	28	28	U	27	27	U	28	28	U
Diquat	mg/Kg	0.044	0.044	U						
Paraquat	mg/Kg	0.055	0.055	UJ						
Metals	Units	26-A	MDL	Remark	26-A Deep	MDL	Remark	26-B	MDL	Remark
Mercury	mg/Kg	0.014	0.0038	I	0.0075	0.0036	I	0.014	0.004	I
Antimony	mg/Kg	0.14	0.14	U	0.13	0.13	U	0.14	0.14	U

Table 2: Location 26 Soil Sample Chemical Results

Metals	Units	26-A	MDL	Remark	26-A Deep	MDL	Remark	26-B	MDL	Remark
Arsenic	mg/Kg	0.42	0.055		0.96	0.052		0.71	0.056	
Barium	mg/Kg	7.06	0.055		4.84	0.052		10.1	0.056	
Beryllium	mg/Kg	0.092	0.022		0.118	0.021		0.075	0.022	I
Cadmium	mg/Kg	0.027	0.027	U	0.026	0.026	U	0.03	0.028	I
Chromium	mg/Kg	3.14	0.14		3.91	0.13		3.28	0.14	
Cobalt	mg/Kg	0.355	0.011		0.444	0.01		0.639	0.011	
Copper	mg/Kg	2.34	0.14		0.32	0.13	I	4.45	0.14	
Lead	mg/Kg	1.73	0.21		1.77	0.19		2.06	0.21	
Nickel	mg/Kg	1.04	0.14		1.11	0.13		1.37	0.14	
Selenium	mg/Kg	0.17	0.082	I	0.17	0.077	I	0.26	0.084	I
Silver	mg/Kg	0.0071	0.0068	I	0.0064	0.0064	UJ	0.007	0.007	UJ
Thallium	mg/Kg	0.027	0.027	U	0.026	0.026	U	0.028	0.028	U
Zinc	mg/Kg	8.2	1.1		1	1	U	6.8	1.1	
Dioxins/Furans	Units	26-A	MDL	Remark	26-A Deep	MDL	Remark	26-B	MDL	Remark
1,2,3,4,6,7,8-HpCDD	ng/Kg	36	3.08	V						
1,2,3,4,6,7,8-HpCDF	ng/Kg	5.93	3.08							
1,2,3,4,7,8,9-HpCDF	ng/Kg	0.478	3.08	I						
1,2,3,4,7,8-HxCDD	ng/Kg	0.172	3.08	IJ						
1,2,3,4,7,8-HxCDF	ng/Kg	0.183	3.08	IJ						
1,2,3,6,7,8-HxCDD	ng/Kg	1.02	3.08	I						
1,2,3,6,7,8-HxCDF	ng/Kg	0.211	3.08	IJ						
1,2,3,7,8,9-HxCDD	ng/Kg	0.584	3.08	IJ						
1,2,3,7,8,9-HxCDF	ng/Kg	0.164	3.08	U						
1,2,3,7,8-PeCDD	ng/Kg	0.0414	3.08	U						
1,2,3,7,8-PeCDF	ng/Kg	0.0479	3.08	U						
2,3,4,6,7,8-HxCDF	ng/Kg	0.203	3.08	IJ						
2,3,4,7,8-PeCDF	ng/Kg	0.0475	3.08	U						
2,3,7,8-TCDD	ng/Kg	0.265	1.23	IJ						
2,3,7,8-TCDF	ng/Kg	0.0484	1.23	U						

Table 2: Location 26 Soil Sample Chemical Results

Dioxins/Furans	Units	26-A	MDL	Remark	26-A Deep	MDL	Remark	26-B	MDL	Remark
OCDD	ng/Kg	337	6.16	V						
OCDF	ng/Kg	20.8	6.16	V						
Total Hepta-Dioxins	ng/Kg	66.1	3.08							
Total Hepta-Furans	ng/Kg	20.6	3.08							
Total Hexa-Dioxins	ng/Kg	5.45	3.08							
Total Hexa-Furans	ng/Kg	6.7	3.08							
Total Penta-Dioxins	ng/Kg	0.505	3.08	I						
Total Penta-Furans	ng/Kg	1.69	3.08	I						
Total Tetra-Dioxins	ng/Kg	1.27	1.23							
Total Tetra-Furans	ng/Kg	2.64	1.23							
Calculated Total Toxicity Equivalents (TEQ)	Units	26-A			26-A Deep			26-B		
Dioxins as total 2,3,7,8-TCDD	ng/Kg	1.01								
Total Benzo(a)pyrene	mg/Kg									

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

Table 3: Location 26 Soil Sample Radionuclide Results

Radionuclides	Units	26-A	Remark	26-A Deep	Remark	26-B	Remark
Actinium-228	pCi/g	0.138	U	0.244	UJ	0.184	U
Actinium-228 Uncertainty	pCi/g	0.142		0.124		0.137	
Alpha Uncertainty	pCi/g	2.79		1.72		2.9	
Alpha, Total	pCi/g	5.35		2.7	U	5.44	
Americium-241	pCi/g	0.289	U	0.15	U	0.0936	U
Americium-241 Uncertainty	pCi/g	0.17		0.0897		0.0506	
Antimony-124	pCi/g	0.223	U	0.163	U	0.141	U
Antimony-124 Uncertainty	pCi/g	0.111		0.106		0.0802	
Antimony-125	pCi/g	0.115	U	0.105	U	0.0739	U
Antimony-125 Uncertainty	pCi/g	0.0671		0.0636		0.0415	
Barium-133	pCi/g	0.0528	U	0.0443	U	0.0325	U
Barium-133 Uncertainty	pCi/g	0.0368		0.0268		0.0196	
Barium-140	pCi/g	8.21	U	6.55	U	5.55	U
Barium-140 Uncertainty	pCi/g	5.02		4.03		3.09	
Beryllium-7	pCi/g	0.966	U	0.74	U	0.584	U
Beryllium-7 Uncertainty	pCi/g	0.536		0.432		0.355	
Beta Uncertainty	pCi/g	2.98		3.18		3.11	
Beta, Total	pCi/g	8.85		5.12	U	4.97	U
Bismuth-212	pCi/g	0.74	U	0.532	U	0.473	U
Bismuth-212 Uncertainty	pCi/g	0.406		0.309		0.258	
Bismuth-214	pCi/g	0.263		0.263		0.292	
Bismuth-214 Uncertainty	pCi/g	0.109		0.1		0.0889	
Cerium-139	pCi/g	0.0502	U	0.0452	U	0.033	U
Cerium-139 Uncertainty	pCi/g	0.031		0.0241		0.0184	
Cerium-141	pCi/g	0.303	U	0.235	U	0.187	U
Cerium-141 Uncertainty	pCi/g	0.183		0.129		0.105	
Cerium-144	pCi/g	0.286	U	0.25	U	0.172	U
Cerium-144 Uncertainty	pCi/g	0.162		0.144		0.098	

Table 3: Location 26 Soil Sample Radionuclide Results

Radionuclides	Units	26-A	Remark	26-A Deep	Remark	26-B	Remark
Cesium-134	pCi/g	0.0512	U	0.0491	U	0.0421	U
Cesium-134 Uncertainty	pCi/g	0.0281		0.0273		0.0229	
Cesium-136	pCi/g	2.5	U	2.11	U	2.16	U
Cesium-136 Uncertainty	pCi/g	1.42		1.21		1.22	
Cesium-137	pCi/g	0.0461	U	0.0405	U	0.0435	U
Cesium-137 Uncertainty	pCi/g	0.0252		0.0223		0.0225	
Chromium-51	pCi/g	2.18	U	1.97	U	1.41	U
Chromium-51 Uncertainty	pCi/g	1.23		1.13		0.832	
Cobalt-56	pCi/g	0.0855	U	0.0587	U	0.0488	U
Cobalt-56 Uncertainty	pCi/g	0.0528		0.0416		0.0302	
Cobalt-57	pCi/g	0.0353	U	0.0295	U	0.0203	U
Cobalt-57 Uncertainty	pCi/g	0.0208		0.0168		0.0118	
Cobalt-58	pCi/g	0.0702	U	0.062	U	0.0501	U
Cobalt-58 Uncertainty	pCi/g	0.0431		0.039		0.0306	
Cobalt-60	pCi/g	0.0401	U	0.041	U	0.0404	U
Cobalt-60 Uncertainty	pCi/g	0.0286		0.023		0.0217	
Europium-152	pCi/g	0.124	U	0.0979	U	0.0833	U
Europium-152 Uncertainty	pCi/g	0.0853		0.0583		0.0437	
Europium-154	pCi/g	0.129	U	0.113	U	0.0961	U
Europium-154 Uncertainty	pCi/g	0.075		0.0648		0.0585	
Europium-155	pCi/g	0.129	U	0.112	U	0.0761	U
Europium-155 Uncertainty	pCi/g	0.0785		0.0636		0.0409	
Iridium-192	pCi/g	0.0795	U	0.07	U	0.048	U
Iridium-192 Uncertainty	pCi/g	0.0472		0.0396		0.0306	
Iron-59	pCi/g	0.191	U	0.235	U	0.179	U
Iron-59 Uncertainty	pCi/g	0.137		0.131		0.107	
Lead-210	pCi/g	13.7	U	4.15	U	2.04	U
Lead-210 Uncertainty	pCi/g	7.94		2.38		1.12	

Table 3: Location 26 Soil Sample Radionuclide Results

Radionuclides	Units	26-A	Remark	26-A Deep	Remark	26-B	Remark
Lead-212	pCi/g	0.118	UJ	0.105		0.175	
Lead-212 Uncertainty	pCi/g	0.0908		0.0603		0.0503	
Lead-214	pCi/g	0.168	UJ	0.295		0.313	
Lead-214 Uncertainty	pCi/g	0.109		0.102		0.0875	
Manganese-54	pCi/g	0.0467	U	0.0396	U	0.0293	U
Manganese-54 Uncertainty	pCi/g	0.0263		0.0238		0.0201	
Mercury-203	pCi/g	0.108	U	0.103	U	0.0735	U
Mercury-203 Uncertainty	pCi/g	0.0676		0.0587		0.0436	
Neodymium-147	pCi/g	31.6	U	27.5	U	24.3	U
Neodymium-147 Uncertainty	pCi/g	18.3		15.2		13.5	
Neptunium-239	pCi/g	0.502	U	0.377	U	0.307	U
Neptunium-239 Uncertainty	pCi/g	0.29		0.217		0.165	
Niobium-94	pCi/g	0.0398	U	0.0351	U	0.0322	U
Niobium-94 Uncertainty	pCi/g	0.0258		0.0204		0.0185	
Niobium-95	pCi/g	0.094	U	0.0867	U	0.0697	U
Niobium-95 Uncertainty	pCi/g	0.0532		0.0557		0.0406	
Potassium-40	pCi/g	0.712	U	0.289	UJ	0.488	
Potassium-40 Uncertainty	pCi/g	0.359		0.356		0.293	
Promethium-144	pCi/g	0.0547	U	0.0414	U	0.0348	U
Promethium-144 Uncertainty	pCi/g	0.0286		0.0227		0.0218	
Promethium-146	pCi/g	0.05	U	0.0445	U	0.0368	U
Promethium-146 Uncertainty	pCi/g	0.0307		0.0252		0.0196	
Radium-228	pCi/g	0.138	U	0.244	UJ	0.184	U
Radium-228 Uncertainty	pCi/g	0.142		0.124		0.137	
Ruthenium-106	pCi/g	0.434	U	0.337	U	0.292	U
Ruthenium-106 Uncertainty	pCi/g	0.271		0.211		0.172	
Silver-110m	pCi/g	0.0572	U	0.0522	U	0.0532	U
Silver-110m Uncertainty	pCi/g	0.0379		0.0296		0.0299	

Table 3: Location 26 Soil Sample Radionuclide Results

Radionuclides	Units	26-A	Remark	26-A Deep	Remark	26-B	Remark
Sodium-22	pCi/g	0.0471	U	0.0416	U	0.035	U
Sodium-22 Uncertainty	pCi/g	0.0279		0.0229		0.0213	
Thallium-208	pCi/g	0.0421	UJ	0.0382	UJ	0.0377	
Thallium-208 Uncertainty	pCi/g	0.0467		0.0399		0.0297	
Thorium-234	pCi/g	2.6	U	1.54	U	0.938	U
Thorium-234 Uncertainty	pCi/g	1.44		0.842		0.506	
Tin-113	pCi/g	0.0902	U	0.0679	U	0.0486	U
Tin-113 Uncertainty	pCi/g	0.051		0.038		0.029	
Uranium-235	pCi/g	0.275	U	0.218	U	0.175	U
Uranium-235 Uncertainty	pCi/g	0.167		0.123		0.0995	
Uranium-238	pCi/g	2.6	U	1.54	U	0.938	U
Uranium-238 Uncertainty	pCi/g	1.44		0.842		0.506	
Yttrium-88	pCi/g	0.0431	U	0.0625	U	0.0531	U
Yttrium-88 Uncertainty	pCi/g	0.0345		0.0359		0.0284	
Zinc-65	pCi/g	0.0978	U	0.0718	U	0.0715	U
Zinc-65 Uncertainty	pCi/g	0.0772		0.0385		0.0561	
Zirconium-95	pCi/g	0.15	U	0.138	U	0.11	U
Zirconium-95 Uncertainty	pCi/g	0.0851		0.0804		0.0665	

Location 27

**Table 1: Summary of Residential SCTL Exceedances in Soil Samples Collected from Location 27
March/April 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation**

Analyte	Residential SCTL	27-A	27-A Deep	27-B
Exceedances				
Benzo(a)pyrene	0.1 mg/Kg	ND	ND	0.33

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

Table 2: Location 27 Soil Sample Chemical Results

Volatile Organic Compounds	Units	27-A	MDL	Remark	27-A Deep	MDL	Remark	27-B	MDL	Remark
1,1,1-Trichloroethane	ug/kg	4.8	4.8	U	4.6	4.6	U	5.9	5.9	U
1,1,2,2-Tetrachloroethane	ug/kg	12	12	UJ	11	11	UJ	15	15	UJ
1,1,2-Trichloroethane	ug/kg	4.8	4.8	U	4.6	4.6	U	5.9	5.9	U
1,1-Dichloroethane	ug/kg	4.8	4.8	U	4.6	4.6	U	5.9	5.9	U
1,1-Dichloroethene	ug/kg	12	12	U	11	11	U	15	15	U
1,2-Dichlorobenzene	ug/kg	12	12	U	11	11	U	15	15	U
1,2-Dichloroethane	ug/kg	4.8	4.8	U	4.6	4.6	U	5.9	5.9	U
1,2-Dichloropropane	ug/kg	12	12	U	11	11	U	15	15	U
1,3-Dichlorobenzene	ug/kg	12	12	U	11	11	U	15	15	U
1,4-Dichlorobenzene	ug/kg	12	12	U	11	11	U	15	15	U
2-Butanone	ug/kg	120	120	U	110	110	U	150	150	U
2-Chloroethylvinyl ether	ug/kg	12	12	U	11	11	U	15	15	U
Benzene	ug/kg	4.8	4.8	U	4.6	4.6	U	5.9	5.9	U
Bromodichloromethane	ug/kg	4.8	4.8	U	4.6	4.6	U	5.9	5.9	U
Bromoform	ug/kg	12	12	UJ	11	11	UJ	15	15	UJ
Bromomethane	ug/kg	12	12	U	11	11	U	15	15	U
Carbon tetrachloride	ug/kg	4.8	4.8	UJ	4.6	4.6	U	5.9	5.9	U
Chlorobenzene	ug/kg	4.8	4.8	U	4.6	4.6	U	5.9	5.9	U
Chloroethane	ug/kg	12	12	U	11	11	U	15	15	U
Chloroform	ug/kg	4.8	4.8	U	4.6	4.6	U	5.9	5.9	U
Chloromethane	ug/kg	12	12	U	11	11	U	15	15	U
cis-1,2-Dichloroethene	ug/kg	12	12	U	11	11	U	15	15	U
cis-1,3-Dichloropropene	ug/kg	12	12	UJ	11	11	UJ	15	15	UJ
Dibromochloromethane	ug/kg	4.8	4.8	U	4.6	4.6	U	5.9	5.9	U
Ethylbenzene	ug/kg	12	12	U	11	11	U	15	15	U
m,p-Xylene	ug/kg	12	12	U	11	11	U	15	15	U
Methylene chloride	ug/kg	12	12	UJ	11	11	U	15	15	U
Methyl-t-butyl ether	ug/kg	12	12	U	11	11	U	15	15	U
o-Xylene	ug/kg	4.8	4.8	U	4.6	4.6	U	5.9	5.9	U

Table 2: Location 27 Soil Sample Chemical Results

Volatile Organic Compounds	Units	27-A	MDL	Remark	27-A Deep	MDL	Remark	27-B	MDL	Remark
Tetrachloroethene	ug/kg	12	12	U	11	11	U	15	15	U
Toluene	ug/kg	12	12	U	11	11	U	15	15	U
trans-1,2-Dichloroethene	ug/kg	12	12	U	11	11	U	15	15	U
trans-1,3-Dichloropropene	ug/kg	4.8	4.8	U	4.6	4.6	U	5.9	5.9	U
Trichloroethene	ug/kg	4.8	4.8	U	4.6	4.6	U	5.9	5.9	U
Trichlorofluoromethane	ug/kg	12	12	U	11	11	U	15	15	U
Vinyl chloride	ug/kg	12	12	U	11	11	U	15	15	U
Semi-Volatile Organic Compounds	Units	27-A	MDL	Remark	27-A Deep	MDL	Remark	27-B	MDL	Remark
1,2,4-Trichlorobenzene	ug/kg	220	220	U	190	190	U	230	230	U
1-Methylnaphthalene	ug/kg	8.3	8.3	U	7.2	7.2	U	8.4	8.4	U
1-Methylphenanthrene	ug/kg	8.3	8.3	U	7.2	7.2	U	8.4	8.4	U
2,3,5-Trimethylnaphthalene	ug/kg	8.3	8.3	U	7.2	7.2	U	8.4	8.4	U
2,4,6-Trichlorophenol	ug/kg	74	74	U	65	65	U	75	75	U
2,4-Dichlorophenol	ug/kg	74	74	U	65	65	U	75	75	U
2,4-Dimethylphenol	ug/kg	450	450	UJ	390	390	U	450	450	U
2,4-Dinitrophenol	ug/kg	450	450	U	390	390	U	450	450	U
2,4-Dinitrotoluene	ug/kg	74	74	U	65	65	U	75	75	U
2,6-Dimethylnaphthalene	ug/kg	33	33	U	7.2	7.2	U	8.4	8.4	U
2,6-Dinitrotoluene	ug/kg	74	74	U	65	65	U	75	75	U
2-Chloronaphthalene	ug/kg	74	74	U	65	65	U	75	75	U
2-Chlorophenol	ug/kg	220	220	U	190	190	U	230	230	U
2-Methyl-4,6-dinitrophenol	ug/kg	74	74	UJ	65	65	U	75	75	U
2-Methylnaphthalene	ug/Kg	28	28	U	7.2	7.2	U	8.4	8.4	U
2-Nitrophenol	ug/kg	74	74	U	65	65	U	75	75	U
3,3'-Dichlorobenzidine	ug/kg	4500	4500	U	3900	3900	UJ	4500	4500	UJ
4-Bromophenyl phenyl ether	ug/kg	74	74	U	65	65	U	75	75	U
4-Chloro-3-methylphenol	ug/kg	74	74	U	65	65	U	75	75	U
4-Chlorophenyl phenyl ether	ug/kg	74	74	U	65	65	U	75	75	U
4-Nitrophenol	ug/kg	74	74	U	65	65	U	75	75	U

Table 2: Location 27 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	27-A	MDL	Remark	27-A Deep	MDL	Remark	27-B	MDL	Remark
Acenaphthene	ug/kg	8.3	8.3	U	7.2	7.2	U	8.4	8.4	U
Acenaphthylene	ug/kg	8.3	8.3	U	7.2	7.2	U	8.4	8.4	U
Anthracene	ug/kg	8.3	8.3	U	7.2	7.2	U	23	8.4	I
Azobenzene/1,2-Diphenylhydrazine	ug/kg	74	74	U	65	65	U	75	75	U
Benzidine	ug/kg	1600	1600	UJ	1300	1300	U	1600	1600	U
Benzo(a)anthracene	ug/kg	8.3	8.3	U	7.2	7.2	U	250	8.4	
Benzo(a)pyrene	ug/kg	8.3	8.3	U	7.2	7.2	U	330	8.4	
Benzo(b)fluoranthene	ug/kg	8.3	8.3	U	7.2	7.2	U	510	8.4	
Benzo(g,h,i)perylene	ug/kg	8.3	8.3	U	7.2	7.2	U	180	8.4	
Benzo(k)fluoranthene	ug/kg	8.3	8.3	U	7.2	7.2	U	190	8.4	
Biphenyl	ug/kg	8.3	8.3	U	7.2	7.2	U	8.4	8.4	U
Bis(2-chloroethoxy)methane	ug/kg	74	74	U	65	65	U	75	75	U
Bis(2-chloroethyl)ether	ug/kg	74	74	U	65	65	U	75	75	U
Bis(2-chloroisopropyl)ether	ug/kg	74	74	UJ	65	65	U	75	75	U
Bis(2-ethylhexyl)phthalate	ug/kg	1.90E+04	1.90E+04	UJ	390	390	UJ	450	450	UJ
Butyl benzyl phthalate	ug/kg	74	74	UJ	65	65	UJ	75	75	UJ
Chrysene	ug/kg	8.3	8.3	U	7.2	7.2	U	290	8.4	
Dibenzo(a,h)anthracene	ug/kg	8.3	8.3	U	7.2	7.2	U	43	8.4	
Dibenzothiophene	ug/kg	8.3	8.3	U	7.2	7.2	U	8.4	8.4	U
Diethyl phthalate	ug/kg	74	74	UJ	65	65	U	75	75	U
Dimethyl phthalate	ug/kg	74	74	U	65	65	U	75	75	U
Di-n-butyl phthalate	ug/kg	450	450	U	390	390	U	450	450	U
Di-n-octyl phthalate	ug/kg	74	74	UJ	65	65	UJ	75	75	UJ
Fluoranthene	ug/kg	8.3	8.3	U	7.2	7.2	U	570	8.4	
Fluorene	ug/kg	8.3	8.3	U	7.2	7.2	U	8.4	8.4	U
Hexachlorobenzene	ug/kg	74	74	U	65	65	U	75	75	U
Hexachlorobutadiene	ug/kg	220	220	U	190	190	U	230	230	U
Hexachlorocyclopentadiene	ug/kg	74	74	U	65	65	UJ	75	75	UJ
Hexachloroethane	ug/kg	220	220	U	190	190	U	230	230	U

Table 2: Location 27 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	27-A	MDL	Remark	27-A Deep	MDL	Remark	27-B	MDL	Remark
Indeno(1,2,3-cd)pyrene	ug/kg	8.3	8.3	U	7.2	7.2	U	150	8.4	
Isophorone	ug/kg	74	74	U	65	65	U	75	75	U
Naphthalene	ug/kg	8.3	8.3	U	7.2	7.2	U	8.4	8.4	U
Nitrobenzene	ug/kg	74	74	U	65	65	U	75	75	U
N-Nitrosodimethylamine	ug/kg	450	450	U	390	390	U	450	450	U
N-Nitrosodi-n-propylamine	ug/kg	74	74	UJ	65	65	U	75	75	U
N-Nitrosodiphenylamine/ Diphenylamine	ug/kg	74	74	U	65	65	U	75	75	U
Pentachlorophenol	ug/kg	74	74	U	65	65	U	75	75	U
Phenanthrene	ug/kg	8.3	8.3	U	7.2	7.2	U	130	8.4	
Phenol	ug/kg	74	74	U	65	65	U	75	75	U
Pyrene	ug/kg	8.3	8.3	U	7.2	7.2	U	470	8.4	
TRPH	mg/kg	16	13	I	11	11	U	16	13	I
Pesticides/Herbicides/PCBs	Units	27-A	MDL	Remark	27-A Deep	MDL	Remark	27-B	MDL	Remark
2,4,5-T	ug/kg	8.1	8.1	U						
2,4-D	ug/kg	8.1	8.1	U						
3-Hydroxycarbofuran	ug/kg	0.62	0.62	UJ						
Acifluorfen	ug/kg	8.1	8.1	U						
Aldicarb	ug/kg	0.62	0.62	UJ						
Aldicarb Sulfone	ug/kg	0.62	0.62	UJ						
Aldicarb Sulfoxide	ug/kg	0.62	0.62	UJ						
Carbaryl	ug/kg	0.62	0.62	UJ						
Carbofuran	ug/kg	0.62	0.62	UJ						
Diuron	ug/kg	7.5	7.5	U						
Imidacloprid	ug/kg	7.5	7.5	U						
Linuron	ug/kg	7.5	7.5	U						
Methiocarb	ug/kg	0.62	0.62	UJ						
Methomyl	ug/kg	0.62	0.62	UJ						
Oxamyl	ug/kg	0.62	0.62	UJ						
Propoxur	ug/kg	0.62	0.62	UJ						

Table 2: Location 27 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	27-A	MDL	Remark	27-A Deep	MDL	Remark	27-B	MDL	Remark
Silvex	ug/kg	8.1	8.1	U						
Alachlor	ug/kg	12	12	U	11	11	U	13	13	U
Aldrin	ug/Kg	0.41	0.41	U	0.36	0.36	U	0.42	0.42	U
Alpha-BHC	ug/Kg	0.41	0.41	U	0.36	0.36	U	0.42	0.42	U
Ametryn	ug/kg	2.1	2.1	U	1.8	1.8	U	2.1	2.1	U
Atrazine	ug/kg	2.4	2.1	I	1.8	1.8	U	3.3	2.1	I
Azinphos Methyl	ug/kg	6.2	6.2	U	5.4	5.4	U	6.3	6.3	U
Beta-BHC	ug/Kg	0.41	0.41	U	0.36	0.36	U	0.42	0.42	U
Bromacil	ug/kg	8.3	8.3	U	7.2	7.2	U	8.4	8.4	U
Chlordane	ug/Kg	6.2	6.2	U	5.4	5.4	U	74	6.3	
Chlorpyrifos Ethyl	ug/kg	2.1	2.1	U	1.8	1.8	U	2.1	2.1	U
Chlorpyrifos Methyl	ug/kg	4.1	4.1	U	3.6	3.6	U	4.2	4.2	U
DDD-p,p'	ug/Kg	0.83	0.83	U	0.72	0.72	U	0.84	0.84	U
DDE-p,p'	ug/Kg	0.83	0.83	U	0.72	0.72	U	3.2	0.84	I
DDT-p,p'	ug/Kg	1.2	1.2	U	1.1	1.1	U	2.2	2.2	U
Delta-BHC	ug/Kg	0.83	0.83	U	0.72	0.72	U	0.84	0.84	U
Diazinon	ug/kg	2.1	2.1	U	1.8	1.8	U	2.1	2.1	U
Dieldrin	ug/Kg	0.41	0.41	U	0.36	0.36	U	0.82	0.82	U
Endosulfan I	ug/Kg	0.41	0.41	U	0.36	0.36	U	0.42	0.42	U
Endosulfan II	ug/Kg	0.41	0.41	U	0.36	0.36	U	0.42	0.42	U
Endosulfan Sulfate	ug/Kg	0.83	0.83	U	0.72	0.72	U	0.84	0.84	U
Endrin	ug/Kg	2.1	2.1	U	1.8	1.8	U	2.1	2.1	U
Endrin Aldehyde	ug/Kg	0.83	0.83	U	0.72	0.72	U	0.84	0.84	U
Ethion	ug/kg	2.1	2.1	U	1.8	1.8	U	2.1	2.1	U
Ethoprop	ug/kg	2.1	2.1	U	1.8	1.8	U	2.1	2.1	U
Fenamiphos	ug/kg	8.3	8.3	U	3.6	3.6	U	4.2	4.2	U
Fonofos	ug/kg	2.1	2.1	U	1.8	1.8	U	2.1	2.1	U
Gamma-BHC	ug/Kg	0.41	0.41	U	0.36	0.36	U	0.42	0.42	U
Heptachlor	ug/Kg	0.41	0.41	U	0.36	0.36	U	0.42	0.42	U

Table 2: Location 27 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	27-A	MDL	Remark	27-A Deep	MDL	Remark	27-B	MDL	Remark
Heptachlor Epoxide	ug/kg	0.41	0.41	U	0.36	0.36	U	0.42	0.42	U
Hexazinone	ug/kg	4.1	4.1	U	3.6	3.6	U	4.2	4.2	U
Malathion	ug/kg	4.1	4.1	U	3.6	3.6	U	4.2	4.2	U
Methamidophos	ug/kg	21	21	U	18	18	U	21	21	U
Methoxychlor	ug/kg	2.1	2.1	U	1.8	1.8	U	2.1	2.1	U
Metolachlor	ug/kg	12	12	U	11	11	U	13	13	U
Metribuzin	ug/kg	4.1	4.1	U	3.6	3.6	U	4.2	4.2	U
Mevinphos	ug/kg	8.3	8.3	U	7.2	7.2	U	8.4	8.4	U
Monocrotophos	ug/kg	21	21	U	18	18	U	21	21	U
Naled	ug/kg	17	17	U	14	14	U	17	17	U
Norflurazon	ug/kg	4.1	4.1	U	3.6	3.6	U	4.2	4.2	U
Parathion Ethyl	ug/kg	4.1	4.1	U	3.6	3.6	U	4.2	4.2	U
Parathion Methyl	ug/kg	4.1	4.1	U	3.6	3.6	U	4.2	4.2	U
PCB-1016	ug/Kg	12	12	U	11	11	U	13	13	U
PCB-1221	ug/Kg	8.3	8.3	U	7.2	7.2	U	8.4	8.4	U
PCB-1232	ug/Kg	19	19	U	16	16	U	19	19	U
PCB-1242	ug/Kg	12	12	U	11	11	U	13	13	U
PCB-1248	ug/Kg	8.3	8.3	U	7.2	7.2	U	8.4	8.4	U
PCB-1254	ug/Kg	8.3	8.3	U	7.2	7.2	U	8.4	8.4	U
PCB-1260	ug/Kg	12	12	U	11	11	U	13	13	U
Phorate	ug/kg	2.1	2.1	U	1.8	1.8	U	2.1	2.1	U
Prometryn	ug/kg	4.1	4.1	U	3.6	3.6	U	4.2	4.2	U
Simazine	ug/kg	2.1	2.1	U	1.8	1.8	U	2.1	2.1	U
Toxaphene	ug/Kg	31	31	U	27	27	U	31	31	U
Diquat	mg/Kg	0.05	0.05	U						
Paraquat	mg/Kg	0.062	0.062	UJ						
Metals	Units	27-A	MDL	Remark	27-A Deep	MDL	Remark	27-B	MDL	Remark
Mercury	mg/Kg	0.013	0.0047	I	0.0043	0.0043	U	0.021	0.0049	
Antimony	mg/Kg	0.15	0.15	U	0.13	0.13	U	0.16	0.16	U

Table 2: Location 27 Soil Sample Chemical Results

Metals	Units	27-A	MDL	Remark	27-A Deep	MDL	Remark	27-B	MDL	Remark
Arsenic	mg/Kg	0.56	0.062		0.65	0.054		1.36	0.062	
Barium	mg/Kg	11.1	0.062		8.73	0.054		25.9	0.062	
Beryllium	mg/Kg	0.056	0.025	I	0.11	0.024		0.102	0.025	
Cadmium	mg/Kg	0.034	0.031	I	0.047	0.027	I	0.064	0.031	I
Chromium	mg/Kg	2.4	0.15		4.24	0.13		4.41	0.16	
Cobalt	mg/Kg	0.248	0.012		0.177	0.011		0.704	0.012	
Copper	mg/Kg	9.8	0.15		0.6	0.13		6.73	0.16	
Lead	mg/Kg	1.69	0.23		1.08	0.2		15.3	0.23	
Nickel	mg/Kg	0.75	0.15		0.68	0.13		2.06	0.16	
Selenium	mg/Kg	0.25	0.092	I	0.23	0.08	I	0.33	0.094	I
Silver	mg/Kg	0.0077	0.0077	U	0.0067	0.0067	UJ	0.069	0.0078	J
Thallium	mg/Kg	0.031	0.031	U	0.027	0.027	U	0.031	0.031	U
Zinc	mg/Kg	10.6	1.2		1.1	1.1	U	17.9	1.2	
Dioxins/Furans	Units	27-A	MDL	Remark	27-A Deep	MDL	Remark	27-B	MDL	Remark
1,2,3,4,6,7,8-HpCDD	ng/Kg	0.421	2.48	IJV						
1,2,3,4,6,7,8-HpCDF	ng/Kg	0.0758	2.48	U						
1,2,3,4,7,8,9-HpCDF	ng/Kg	0.0965	2.48	U						
1,2,3,4,7,8-HxCDD	ng/Kg	0.0644	2.48	U						
1,2,3,4,7,8-HxCDF	ng/Kg	0.0575	2.48	U						
1,2,3,6,7,8-HxCDD	ng/Kg	0.0531	2.48	U						
1,2,3,6,7,8-HxCDF	ng/Kg	0.0539	2.48	U						
1,2,3,7,8,9-HxCDD	ng/Kg	0.0575	2.48	U						
1,2,3,7,8,9-HxCDF	ng/Kg	0.0666	2.48	U						
1,2,3,7,8-PeCDD	ng/Kg	0.109	2.48	U						
1,2,3,7,8-PeCDF	ng/Kg	0.0664	2.48	U						
2,3,4,6,7,8-HxCDF	ng/Kg	0.0608	2.48	U						
2,3,4,7,8-PeCDF	ng/Kg	0.0652	2.48	U						
2,3,7,8-TCDD	ng/Kg	0.0819	0.991	U						
2,3,7,8-TCDF	ng/Kg	0.099	0.991	U						

Table 2: Location 27 Soil Sample Chemical Results

Dioxins/Furans	Units	27-A	MDL	Remark	27-A Deep	MDL	Remark	27-B	MDL	Remark
OCDD	ng/Kg	2.27	4.95	IV						
OCDF	ng/Kg	0.127	4.95	U						
Total Hepta-Dioxins	ng/Kg	0.437	2.48	I						
Total Hepta-Furans	ng/Kg	0.0758	2.48	U						
Total Hexa-Dioxins	ng/Kg	0.0531	2.48	U						
Total Hexa-Furans	ng/Kg	0.0539	2.48	U						
Total Penta-Dioxins	ng/Kg	0.109	2.48	U						
Total Penta-Furans	ng/Kg	0.0652	2.48	U						
Total Tetra-Dioxins	ng/Kg	0.0819	0.991	U						
Total Tetra-Furans	ng/Kg	0.099	0.991	U						
Calculated Total Toxicity Equivalent (TEQ)	Units	27-A			27-A Deep			27-B		
Dioxins as total 2,3,7,8-TCDD	ng/Kg	0.144								
Total Benzo(a)pyrene	mg/Kg							0.5		

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

Table 3: Location 27 Soil Sample Radionuclide Results

Radionuclides	Units	27-A	Remark	27-A Deep	Remark	27-B	Remark
Actinium-228	pCi/g	0.124	UJ	0.148	U	0.231	U
Actinium-228 Uncertainty	pCi/g	0.0962		0.0798		0.12	
Alpha Uncertainty	pCi/g	3.82		2.79		2.64	
Alpha, Total	pCi/g	10.4		5.31		4.01	
Americium-241	pCi/g	0.0806	U	0.151	U	0.213	U
Americium-241 Uncertainty	pCi/g	0.0455		0.0815		0.117	
Antimony-124	pCi/g	0.102	U	0.128	U	0.198	U
Antimony-124 Uncertainty	pCi/g	0.0619		0.0687		0.12	
Antimony-125	pCi/g	0.0656	U	0.0775	U	0.102	U
Antimony-125 Uncertainty	pCi/g	0.0387		0.0417		0.0602	
Barium-133	pCi/g	0.0291	U	0.0296	U	0.0483	U
Barium-133 Uncertainty	pCi/g	0.0196		0.0203		0.033	
Barium-140	pCi/g	3.73	U	4.63	U	7.69	U
Barium-140 Uncertainty	pCi/g	2.15		2.93		4.23	
Beryllium-7	pCi/g	0.443	U	0.477	U	0.814	U
Beryllium-7 Uncertainty	pCi/g	0.32		0.29		0.443	
Beta Uncertainty	pCi/g	4.96		3.04		2.99	
Beta, Total	pCi/g	32.5		4.87	U	5.31	
Bismuth-212	pCi/g	0.335	U	0.345	U	0.677	U
Bismuth-212 Uncertainty	pCi/g	0.235		0.198		0.34	
Bismuth-214	pCi/g	0.26		0.347		0.423	
Bismuth-214 Uncertainty	pCi/g	0.0722		0.077		0.107	
Cerium-139	pCi/g	0.0274	U	0.0309	U	0.0488	U
Cerium-139 Uncertainty	pCi/g	0.0159		0.0169		0.0266	
Cerium-141	pCi/g	0.145	U	0.195	U	0.263	U
Cerium-141 Uncertainty	pCi/g	0.105		0.106		0.153	
Cerium-144	pCi/g	0.16	U	0.181	U	0.254	U
Cerium-144 Uncertainty	pCi/g	0.09		0.104		0.156	

Table 3: Location 27 Soil Sample Radionuclide Results

Radionuclides	Units	27-A	Remark	27-A Deep	Remark	27-B	Remark
Cesium-134	pCi/g	0.0284	U	0.0321	U	0.0485	U
Cesium-134 Uncertainty	pCi/g	0.0225		0.0185		0.032	
Cesium-136	pCi/g	1.23	U	1.86	U	2.71	U
Cesium-136 Uncertainty	pCi/g	0.718		1.08		1.48	
Cesium-137	pCi/g	0.0404		0.0261	U	0.0425	U
Cesium-137 Uncertainty	pCi/g	0.0258		0.0148		0.0305	
Chromium-51	pCi/g	1.05	U	1.35	U	1.98	U
Chromium-51 Uncertainty	pCi/g	0.619		0.768		1.06	
Cobalt-56	pCi/g	0.0446	U	0.0507	U	0.0808	U
Cobalt-56 Uncertainty	pCi/g	0.0261		0.0306		0.0459	
Cobalt-57	pCi/g	0.0201	U	0.0241	U	0.0335	U
Cobalt-57 Uncertainty	pCi/g	0.0119		0.0141		0.0198	
Cobalt-58	pCi/g	0.0391	U	0.0452	U	0.0775	U
Cobalt-58 Uncertainty	pCi/g	0.0237		0.0276		0.0452	
Cobalt-60	pCi/g	0.0224	U	0.0318	U	0.035	U
Cobalt-60 Uncertainty	pCi/g	0.0174		0.0178		0.0232	
Europium-152	pCi/g	0.0651	U	0.0754	U	0.0967	U
Europium-152 Uncertainty	pCi/g	0.0444		0.0437		0.0695	
Europium-154	pCi/g	0.0636	U	0.0671	U	0.114	U
Europium-154 Uncertainty	pCi/g	0.0395		0.0439		0.0651	
Europium-155	pCi/g	0.0699	U	0.0907	U	0.116	U
Europium-155 Uncertainty	pCi/g	0.0411		0.0484		0.0684	
Iridium-192	pCi/g	0.0418	U	0.0463	U	0.0728	U
Iridium-192 Uncertainty	pCi/g	0.0237		0.0273		0.0422	
Iron-59	pCi/g	0.128	U	0.171	U	0.229	U
Iron-59 Uncertainty	pCi/g	0.074		0.0886		0.125	
Lead-210	pCi/g	1.97	U	5.33	U	7.23	U
Lead-210 Uncertainty	pCi/g	1.37		2.69		3.9	

Table 3: Location 27 Soil Sample Radionuclide Results

Radionuclides	Units	27-A	Remark	27-A Deep	Remark	27-B	Remark
Lead-212	pCi/g	0.194		0.124		0.107	
Lead-212 Uncertainty	pCi/g	0.0461		0.0382		0.0604	
Lead-214	pCi/g	0.328		0.465		0.483	
Lead-214 Uncertainty	pCi/g	0.0757		0.0807		0.107	
Manganese-54	pCi/g	0.0258	U	0.0325	U	0.0443	U
Manganese-54 Uncertainty	pCi/g	0.0155		0.0187		0.0241	
Mercury-203	pCi/g	0.0616	U	0.0756	U	0.103	U
Mercury-203 Uncertainty	pCi/g	0.0373		0.0417		0.0634	
Neodymium-147	pCi/g	12.9	U	19.3	U	26.2	U
Neodymium-147 Uncertainty	pCi/g	7.51		11.3		15.5	
Neptunium-239	pCi/g	0.269	U	0.324	U	0.408	U
Neptunium-239 Uncertainty	pCi/g	0.159		0.184		0.258	
Niobium-94	pCi/g	0.0223	U	0.0283	U	0.0398	U
Niobium-94 Uncertainty	pCi/g	0.0136		0.0153		0.0238	
Niobium-95	pCi/g	0.0538	UJ	0.065	U	0.105	U
Niobium-95 Uncertainty	pCi/g	0.0301		0.0346		0.058	
Potassium-40	pCi/g	0.778		1.2		1.01	
Potassium-40 Uncertainty	pCi/g	0.295		0.359		0.517	
Promethium-144	pCi/g	0.0262	U	0.0299	U	0.0447	U
Promethium-144 Uncertainty	pCi/g	0.0185		0.018		0.0284	
Promethium-146	pCi/g	0.0286	U	0.0318	U	0.0418	U
Promethium-146 Uncertainty	pCi/g	0.0178		0.0179		0.025	
Radium-228	pCi/g	0.124	UJ	0.148	U	0.231	U
Radium-228 Uncertainty	pCi/g	0.0962		0.0798		0.12	
Ruthenium-106	pCi/g	0.254	U	0.271	U	0.363	U
Ruthenium-106 Uncertainty	pCi/g	0.144		0.161		0.21	
Silver-110m	pCi/g	0.0383	U	0.048	U	0.0674	U
Silver-110m Uncertainty	pCi/g	0.0216		0.0256		0.0377	

Table 3: Location 27 Soil Sample Radionuclide Results

Radionuclides	Units	27-A	Remark	27-A Deep	Remark	27-B	Remark
Sodium-22	pCi/g	0.0231	U	0.0243	U	0.041	U
Sodium-22 Uncertainty	pCi/g	0.0143		0.0159		0.0236	
Thallium-208	pCi/g	0.0348		0.0378	U	0.0523	
Thallium-208 Uncertainty	pCi/g	0.0241		0.0204		0.0433	
Thorium-234	pCi/g	0.843	U	1.37	U	1.79	U
Thorium-234 Uncertainty	pCi/g	0.552		0.767		1.03	
Tin-113	pCi/g	0.042	U	0.0443	U	0.0668	U
Tin-113 Uncertainty	pCi/g	0.0246		0.0266		0.0415	
Uranium-235	pCi/g	0.145	U	0.172	U	0.234	U
Uranium-235 Uncertainty	pCi/g	0.102		0.0973		0.137	
Uranium-238	pCi/g	0.843	U	1.37	U	1.79	U
Uranium-238 Uncertainty	pCi/g	0.552		0.767		1.03	
Yttrium-88	pCi/g	0.0331	U	0.0441	U	0.0682	U
Yttrium-88 Uncertainty	pCi/g	0.0216		0.0251		0.0352	
Zinc-65	pCi/g	0.0599	U	0.0787	U	0.0979	U
Zinc-65 Uncertainty	pCi/g	0.0427		0.0515		0.0771	
Zirconium-95	pCi/g	0.08	U	0.0935	U	0.12	U
Zirconium-95 Uncertainty	pCi/g	0.0477		0.0559		0.0687	

Location 28

Table 1: Summary of Residential SCTL Exceedances in Soil Samples Collected from Location 28
March/April 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation

Analyte	Residential SCTL	28-A	28-A Deep	28-B
Exceedances				
Arsenic	2.1 mg/Kg	3.52	2.41	1.18

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

Table 2: Location 28 Soil Sample Chemical Results

Volatile Organic Compounds	Units	28-A	MDL	Remark	28-A Deep	MDL	Remark	28-B	MDL	Remark
1,1,1-Trichloroethane	ug/kg	5.3	5.3	U	4.8	4.8	U	5	5	U
1,1,2,2-Tetrachloroethane	ug/kg	13	13	UJ	12	12	UJ	13	13	UJ
1,1,2-Trichloroethane	ug/kg	5.3	5.3	U	4.8	4.8	U	5	5	U
1,1-Dichloroethane	ug/kg	5.3	5.3	U	4.8	4.8	U	5	5	U
1,1-Dichloroethene	ug/kg	13	13	U	12	12	U	13	13	U
1,2-Dichlorobenzene	ug/kg	13	13	U	12	12	U	13	13	U
1,2-Dichloroethane	ug/kg	5.3	5.3	U	4.8	4.8	U	5	5	U
1,2-Dichloropropane	ug/kg	13	13	U	12	12	U	13	13	U
1,3-Dichlorobenzene	ug/kg	13	13	U	12	12	U	13	13	U
1,4-Dichlorobenzene	ug/kg	13	13	U	12	12	U	13	13	U
2-Butanone	ug/kg	130	130	U	120	120	U	130	130	U
2-Chloroethylvinyl ether	ug/kg	13	13	U	12	12	U	13	13	U
Benzene	ug/kg	5.3	5.3	U	4.8	4.8	U	5	5	U
Bromodichloromethane	ug/kg	5.3	5.3	U	4.8	4.8	U	5	5	U
Bromoform	ug/kg	13	13	UJ	12	12	UJ	13	13	UJ
Bromomethane	ug/kg	13	13	U	12	12	U	13	13	U
Carbon tetrachloride	ug/kg	5.3	5.3	UJ	4.8	4.8	U	5	5	U
Chlorobenzene	ug/kg	5.3	5.3	U	4.8	4.8	U	5	5	U
Chloroethane	ug/kg	13	13	U	12	12	U	13	13	U
Chloroform	ug/kg	5.3	5.3	U	4.8	4.8	U	5	5	U
Chloromethane	ug/kg	13	13	U	12	12	U	13	13	U
cis-1,2-Dichloroethene	ug/kg	13	13	U	12	12	U	13	13	U
cis-1,3-Dichloropropene	ug/kg	13	13	UJ	12	12	UJ	13	13	UJ
Dibromochloromethane	ug/kg	5.3	5.3	U	4.8	4.8	U	5	5	U
Ethylbenzene	ug/kg	13	13	U	12	12	U	13	13	U
m,p-Xylene	ug/kg	13	13	U	12	12	U	13	13	U
Methylene chloride	ug/kg	13	13	UJ	12	12	U	13	13	U
Methyl-t-butyl ether	ug/kg	13	13	U	12	12	U	13	13	U
o-Xylene	ug/kg	5.3	5.3	U	4.8	4.8	U	5	5	U

Table 2: Location 28 Soil Sample Chemical Results

Volatile Organic Compounds	Units	28-A	MDL	Remark	28-A Deep	MDL	Remark	28-B	MDL	Remark
Tetrachloroethene	ug/kg	13	13	U	12	12	U	13	13	U
Toluene	ug/kg	13	13	U	12	12	U	13	13	U
trans-1,2-Dichloroethene	ug/kg	13	13	U	12	12	U	13	13	U
trans-1,3-Dichloropropene	ug/kg	5.3	5.3	U	4.8	4.8	U	5	5	U
Trichloroethene	ug/kg	5.3	5.3	U	4.8	4.8	U	5	5	U
Trichlorofluoromethane	ug/kg	13	13	U	12	12	U	13	13	U
Vinyl chloride	ug/kg	13	13	U	12	12	U	13	13	U
Semi-Volatile Organic Compounds	Units	28-A	MDL	Remark	28-A Deep	MDL	Remark	28-B	MDL	Remark
1,2,4-Trichlorobenzene	ug/kg	240	240	U	200	200	U	230	230	U
1-Methylnaphthalene	ug/kg	8.7	8.7	U	7.3	7.3	U	8.6	8.6	U
1-Methylphenanthrene	ug/kg	8.7	8.7	U	7.3	7.3	U	8.6	8.6	U
2,3,5-Trimethylnaphthalene	ug/kg	8.7	8.7	U	7.3	7.3	U	8.6	8.6	U
2,4,6-Trichlorophenol	ug/kg	79	79	U	66	66	U	78	78	U
2,4-Dichlorophenol	ug/kg	79	79	U	66	66	U	78	78	U
2,4-Dimethylphenol	ug/kg	470	470	U	400	400	U	470	470	U
2,4-Dinitrophenol	ug/kg	470	470	U	400	400	U	470	470	U
2,4-Dinitrotoluene	ug/kg	79	79	U	66	66	U	78	78	U
2,6-Dimethylnaphthalene	ug/kg	8.7	8.7	U	7.3	7.3	U	8.6	8.6	U
2,6-Dinitrotoluene	ug/kg	79	79	U	66	66	U	78	78	U
2-Chloronaphthalene	ug/kg	79	79	U	66	66	U	78	78	U
2-Chlorophenol	ug/kg	240	240	U	200	200	U	230	230	U
2-Methyl-4,6-dinitrophenol	ug/kg	79	79	U	66	66	U	78	78	U
2-Methylnaphthalene	ug/Kg	8.7	8.7	U	7.3	7.3	U	8.6	8.6	U
2-Nitrophenol	ug/kg	79	79	U	66	66	U	78	78	U
3,3'-Dichlorobenzidine	ug/kg	4700	4700	U	4000	4000	U	4700	4700	U
4-Bromophenyl phenyl ether	ug/kg	79	79	U	66	66	U	78	78	U
4-Chloro-3-methylphenol	ug/kg	79	79	U	66	66	U	78	78	U
4-Chlorophenyl phenyl ether	ug/kg	79	79	U	66	66	U	78	78	U
4-Nitrophenol	ug/kg	79	79	U	66	66	U	78	78	U

Table 2: Location 28 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	28-A	MDL	Remark	28-A Deep	MDL	Remark	28-B	MDL	Remark
Acenaphthene	ug/kg	8.7	8.7	U	7.3	7.3	U	8.6	8.6	U
Acenaphthylene	ug/kg	8.7	8.7	U	7.3	7.3	U	8.6	8.6	U
Anthracene	ug/kg	8.7	8.7	U	7.3	7.3	U	8.6	8.6	U
Azobenzene/1,2-Diphenylhydrazine	ug/kg	79	79	U	66	66	U	78	78	U
Benzidine	ug/kg	1700	1700	U	1300	1300	UJ	1700	1700	UJ
Benzo(a)anthracene	ug/kg	8.7	8.7	U	7.3	7.3	U	8.6	8.6	U
Benzo(a)pyrene	ug/kg	8.7	8.7	U	7.3	7.3	U	8.6	8.6	U
Benzo(b)fluoranthene	ug/kg	8.7	8.7	U	7.3	7.3	U	8.6	8.6	U
Benzo(g,h,i)perylene	ug/kg	8.7	8.7	U	7.3	7.3	U	8.6	8.6	U
Benzo(k)fluoranthene	ug/kg	8.7	8.7	U	7.3	7.3	U	8.6	8.6	U
Biphenyl	ug/kg	8.7	8.7	U	7.3	7.3	U	8.6	8.6	U
Bis(2-chloroethoxy)methane	ug/kg	79	79	U	66	66	U	78	78	U
Bis(2-chloroethyl)ether	ug/kg	79	79	U	66	66	U	78	78	U
Bis(2-chloroisopropyl)ether	ug/kg	79	79	U	66	66	U	78	78	U
Bis(2-ethylhexyl)phthalate	ug/kg	470	470	UJ	400	400	U	470	470	U
Butyl benzyl phthalate	ug/kg	79	79	UJ	66	66	U	78	78	U
Chrysene	ug/kg	8.7	8.7	U	7.3	7.3	U	8.6	8.6	U
Dibenzo(a,h)anthracene	ug/kg	8.7	8.7	U	7.3	7.3	U	8.6	8.6	U
Dibenzothiophene	ug/kg	8.7	8.7	U	7.3	7.3	U	8.6	8.6	U
Diethyl phthalate	ug/kg	79	79	U	66	66	U	78	78	U
Dimethyl phthalate	ug/kg	79	79	U	66	66	U	78	78	U
Di-n-butyl phthalate	ug/kg	470	470	U	400	400	U	470	470	U
Di-n-octyl phthalate	ug/kg	79	79	UJ	66	66	U	78	78	U
Fluoranthene	ug/kg	8.7	8.7	U	7.3	7.3	U	8.6	8.6	U
Fluorene	ug/kg	8.7	8.7	U	7.3	7.3	U	8.6	8.6	U
Hexachlorobenzene	ug/kg	79	79	U	66	66	U	78	78	U
Hexachlorobutadiene	ug/kg	240	240	U	200	200	U	230	230	U
Hexachlorocyclopentadiene	ug/kg	79	79	UJ	66	66	UJ	78	78	UJ
Hexachloroethane	ug/kg	240	240	U	200	200	U	230	230	U

Table 2: Location 28 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	28-A	MDL	Remark	28-A Deep	MDL	Remark	28-B	MDL	Remark
Indeno(1,2,3-cd)pyrene	ug/kg	8.7	8.7	U	7.3	7.3	U	8.6	8.6	U
Isophorone	ug/kg	79	79	U	66	66	U	78	78	U
Naphthalene	ug/kg	8.7	8.7	U	7.3	7.3	U	8.6	8.6	U
Nitrobenzene	ug/kg	79	79	U	66	66	U	78	78	U
N-Nitrosodimethylamine	ug/kg	470	470	U	400	400	U	470	470	U
N-Nitrosodi-n-propylamine	ug/kg	79	79	U	66	66	U	78	78	U
N-Nitrosodiphenylamine/ Diphenylamine	ug/kg	79	79	U	66	66	U	78	78	U
Pentachlorophenol	ug/kg	79	79	U	66	66	U	78	78	U
Phenanthrene	ug/kg	8.7	8.7	U	7.3	7.3	U	8.6	8.6	U
Phenol	ug/kg	79	79	U	66	66	U	78	78	U
Pyrene	ug/kg	8.7	8.7	U	7.3	7.3	U	8.6	8.6	U
TRPH	mg/kg	17	14	I	11	11	U	32	13	I
Pesticides/Herbicides/PCBs	Units	28-A	MDL	Remark	28-A Deep	MDL	Remark	28-B	MDL	Remark
2,4,5-T	ug/kg	8.5	8.5	U						
2,4-D	ug/kg	8.5	8.5	U						
3-Hydroxycarbofuran	ug/kg	0.66	0.66	UJ						
Acifluorfen	ug/kg	8.5	8.5	U						
Aldicarb	ug/kg	0.66	0.66	UJ						
Aldicarb Sulfone	ug/kg	0.66	0.66	UJ						
Aldicarb Sulfoxide	ug/kg	0.66	0.66	UJ						
Carbaryl	ug/kg	0.66	0.66	UJ						
Carbofuran	ug/kg	0.66	0.66	UJ						
Diuron	ug/kg	7.9	7.9	U						
Imidacloprid	ug/kg	11	7.9	I						
Linuron	ug/kg	7.9	7.9	U						
Methiocarb	ug/kg	0.66	0.66	UJ						
Methomyl	ug/kg	0.66	0.66	UJ						
Oxamyl	ug/kg	0.66	0.66	UJ						
Propoxur	ug/kg	0.66	0.66	UJ						

Table 2: Location 28 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	28-A	MDL	Remark	28-A Deep	MDL	Remark	28-B	MDL	Remark
Silvex	ug/kg	8.5	8.5	U						
Alachlor	ug/kg	13	13	U	11	11	U	13	13	U
Aldrin	ug/Kg	0.44	0.44	U	0.37	0.37	U	0.43	0.43	U
Alpha-BHC	ug/Kg	0.44	0.44	U	0.37	0.37	U	0.43	0.43	U
Ametryn	ug/kg	2.2	2.2	U	1.8	1.8	U	2.2	2.2	U
Atrazine	ug/kg	2.10E+03	22		1.8	1.8	U	75	2.2	
Azinphos Methyl	ug/kg	6.6	6.6	U	5.5	5.5	U	6.5	6.5	U
Beta-BHC	ug/Kg	0.44	0.44	U	0.37	0.37	U	0.43	0.43	U
Bromacil	ug/kg	8.7	8.7	U	7.3	7.3	U	8.6	8.6	U
Chlordane	ug/Kg	6.6	6.6	U	5.5	5.5	U	6.5	6.5	U
Chlorpyrifos Ethyl	ug/kg	4.1	2.2	I	1.8	1.8	U	5.1	2.2	I
Chlorpyrifos Methyl	ug/kg	4.4	4.4	U	3.7	3.7	U	4.3	4.3	U
DDD-p,p'	ug/Kg	0.87	0.87	U	0.73	0.73	U	0.86	0.86	U
DDE-p,p'	ug/Kg	10	0.87		0.73	0.73	U	7.4	0.86	
DDT-p,p'	ug/Kg	1.3	1.3	U	1.1	1.1	U	1.3	1.3	U
Delta-BHC	ug/Kg	0.87	0.87	U	0.73	0.73	U	0.86	0.86	U
Diazinon	ug/kg	2.2	2.2	U	1.8	1.8	U	2.2	2.2	U
Dieldrin	ug/Kg	0.97	0.97	U	0.37	0.37	U	0.56	0.56	U
Endosulfan I	ug/Kg	0.44	0.44	U	0.37	0.37	U	0.43	0.43	U
Endosulfan II	ug/Kg	1.1	1.1	U	0.37	0.37	U	1.9	1.9	U
Endosulfan Sulfate	ug/Kg	1.7	1.7	U	0.73	0.73	U	2.5	2.5	U
Endrin	ug/Kg	2.2	2.2	U	1.8	1.8	U	2.2	2.2	U
Endrin Aldehyde	ug/Kg	0.87	0.87	U	0.73	0.73	U	0.86	0.86	U
Ethion	ug/kg	2.2	2.2	U	1.8	1.8	U	2.2	2.2	U
Ethoprop	ug/kg	2.2	2.2	U	1.8	1.8	U	2.2	2.2	U
Fenamiphos	ug/kg	8.7	8.7	U	3.7	3.7	U	4.3	4.3	U
Fonofos	ug/kg	2.2	2.2	U	1.8	1.8	U	2.2	2.2	U
Gamma-BHC	ug/Kg	0.44	0.44	U	0.37	0.37	U	0.43	0.43	U
Heptachlor	ug/Kg	0.44	0.44	U	0.37	0.37	U	0.43	0.43	U

Table 2: Location 28 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	28-A	MDL	Remark	28-A Deep	MDL	Remark	28-B	MDL	Remark
Heptachlor Epoxide	ug/kg	0.44	0.44	U	0.37	0.37	U	0.43	0.43	U
Hexazinone	ug/kg	4.4	4.4	U	3.7	3.7	U	4.3	4.3	U
Malathion	ug/kg	4.4	4.4	U	3.7	3.7	U	4.3	4.3	U
Methamidophos	ug/kg	22	22	U	18	18	U	22	22	U
Methoxychlor	ug/kg	2.2	2.2	U	1.8	1.8	U	2.2	2.2	U
Metolachlor	ug/kg	13	13	U	11	11	U	13	13	U
Metribuzin	ug/kg	4.4	4.4	U	3.7	3.7	U	4.3	4.3	U
Mevinphos	ug/kg	8.7	8.7	U	7.3	7.3	U	8.6	8.6	U
Monocrotophos	ug/kg	22	22	UJ	18	18	U	22	22	U
Naled	ug/kg	17	17	UJ	15	15	U	17	17	U
Norflurazon	ug/kg	4.4	4.4	U	3.7	3.7	U	4.3	4.3	U
Parathion Ethyl	ug/kg	4.4	4.4	U	3.7	3.7	U	4.3	4.3	U
Parathion Methyl	ug/kg	4.4	4.4	U	3.7	3.7	U	4.3	4.3	U
PCB-1016	ug/Kg	13	13	U	11	11	U	13	13	U
PCB-1221	ug/Kg	8.7	8.7	U	7.3	7.3	U	8.6	8.6	U
PCB-1232	ug/Kg	20	20	U	16	16	U	19	19	U
PCB-1242	ug/Kg	13	13	U	11	11	U	13	13	U
PCB-1248	ug/Kg	8.7	8.7	U	7.3	7.3	U	8.6	8.6	U
PCB-1254	ug/Kg	8.7	8.7	U	7.3	7.3	U	8.6	8.6	U
PCB-1260	ug/Kg	13	13	U	11	11	U	13	13	U
Phorate	ug/kg	2.2	2.2	U	1.8	1.8	U	2.2	2.2	U
Prometryn	ug/kg	4.4	4.4	U	3.7	3.7	U	4.3	4.3	U
Simazine	ug/kg	5	2.2	I	1.8	1.8	U	2.2	2.2	U
Toxaphene	ug/Kg	71	33	I	27	27	U	340	32	
Diquat	mg/Kg	0.051	0.051	U						
Paraquat	mg/Kg	0.064	0.064	UJ						
Metals	Units	28-A	MDL	Remark	28-A Deep	MDL	Remark	28-B	MDL	Remark
Mercury	mg/Kg	0.022	0.0042		0.011	0.0043	I	0.024	0.0044	
Antimony	mg/Kg	0.16	0.16	U	0.13	0.13	U	0.16	0.16	U

Table 2: Location 28 Soil Sample Chemical Results

Metals	Units	28-A	MDL	Remark	28-A Deep	MDL	Remark	28-B	MDL	Remark
Arsenic	mg/Kg	3.52	0.065		2.41	0.054		1.18	0.064	
Barium	mg/Kg	27.8	0.065		17	0.054		17	0.064	
Beryllium	mg/Kg	0.29	0.026		0.247	0.021		0.18	0.026	
Cadmium	mg/Kg	0.1	0.033	I	0.091	0.027	I	0.061	0.032	I
Chromium	mg/Kg	10.4	0.16		10.5	0.13		6.68	0.16	
Cobalt	mg/Kg	0.975	0.013		0.614	0.011		0.871	0.013	
Copper	mg/Kg	22.9	0.16		1.16	0.13		15.5	0.16	
Lead	mg/Kg	5.11	0.24		2.06	0.2		3.8	0.24	
Nickel	mg/Kg	3.08	0.16		1.93	0.13		2.33	0.16	
Selenium	mg/Kg	0.84	0.098		0.49	0.08		0.57	0.097	
Silver	mg/Kg	0.011	0.0081	I	0.007	0.0067	II	0.012	0.0081	II
Thallium	mg/Kg	0.083	0.033	I	0.076	0.027	I	0.032	0.032	U
Zinc	mg/Kg	13	1.3		2.2	1.1	I	36.5	1.3	
Dioxins/Furans	Units	28-A	MDL	Remark	28-A Deep	MDL	Remark	28-B	MDL	Remark
1,2,3,4,6,7,8-HpCDD	ng/Kg	1.82	3.03	IV						
1,2,3,4,6,7,8-HpCDF	ng/Kg	0.329	3.03	U						
1,2,3,4,7,8,9-HpCDF	ng/Kg	0.448	3.03	U						
1,2,3,4,7,8-HxCDD	ng/Kg	0.171	3.03	U						
1,2,3,4,7,8-HxCDF	ng/Kg	0.144	3.03	U						
1,2,3,6,7,8-HxCDD	ng/Kg	0.152	3.03	U						
1,2,3,6,7,8-HxCDF	ng/Kg	0.139	3.03	U						
1,2,3,7,8,9-HxCDD	ng/Kg	0.165	3.03	U						
1,2,3,7,8,9-HxCDF	ng/Kg	0.18	3.03	U						
1,2,3,7,8-PeCDD	ng/Kg	0.117	3.03	U						
1,2,3,7,8-PeCDF	ng/Kg	0.0564	3.03	U						
2,3,4,6,7,8-HxCDF	ng/Kg	0.155	3.03	U						
2,3,4,7,8-PeCDF	ng/Kg	0.0558	3.03	U						
2,3,7,8-TCDD	ng/Kg	0.0748	1.21	U						
2,3,7,8-TCDF	ng/Kg	0.0615	1.21	U						

Table 2: Location 28 Soil Sample Chemical Results

Dioxins/Furans	Units	28-A	MDL	Remark	28-A Deep	MDL	Remark	28-B	MDL	Remark
OCDD	ng/Kg	13.2	6.06	V						
OCDF	ng/Kg	0.843	6.06	IIV						
Total Hepta-Dioxins	ng/Kg	3.6	3.03							
Total Hepta-Furans	ng/Kg	0.329	3.03	U						
Total Hexa-Dioxins	ng/Kg	0.152	3.03	U						
Total Hexa-Furans	ng/Kg	0.139	3.03	U						
Total Penta-Dioxins	ng/Kg	0.117	3.03	U						
Total Penta-Furans	ng/Kg	0.0558	3.03	U						
Total Tetra-Dioxins	ng/Kg	0.0748	1.21	U						
Total Tetra-Furans	ng/Kg	1.5	1.21							
Calculated Total Toxicity Equivalents (TEQ)	Units	28-A			28-A Deep			28-B		
Dioxins as total 2,3,7,8-TCDD	ng/Kg	0.193								
Total Benzo(a)pyrene	mg/Kg									

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

Table 3: Location 28 Soil Sample Radionuclide Results

Radionuclides	Units	28-A	Remark	28-A Deep	Remark	28-B	Remark
Actinium-228	pCi/g	0.361		0.318	U	0.235	
Actinium-228 Uncertainty	pCi/g	0.196		0.229		0.184	
Alpha Uncertainty	pCi/g	3.06		3.33		3.44	
Alpha, Total	pCi/g	6.08		6.79		7.77	
Americium-241	pCi/g	0.21	U	0.072	U	0.141	U
Americium-241 Uncertainty	pCi/g	0.128		0.0418		0.0818	
Antimony-124	pCi/g	0.242	U	0.152	U	0.136	U
Antimony-124 Uncertainty	pCi/g	0.145		0.102		0.0936	
Antimony-125	pCi/g	0.14	U	0.118	U	0.0991	U
Antimony-125 Uncertainty	pCi/g	0.0824		0.0669		0.0591	
Barium-133	pCi/g	0.063	U	0.0513	U	0.0438	U
Barium-133 Uncertainty	pCi/g	0.0395		0.0327		0.0306	
Barium-140	pCi/g	8.76	U	9.15	U	8.29	U
Barium-140 Uncertainty	pCi/g	5.73		5.45		4.68	
Beryllium-7	pCi/g	1.01	U	0.867	U	0.763	U
Beryllium-7 Uncertainty	pCi/g	0.618		0.526		0.458	
Beta Uncertainty	pCi/g	2.52		3.46		3.1	
Beta, Total	pCi/g	4.73		7.35		4.81	
Bismuth-212	pCi/g	0.832	U	0.711	U	0.531	U
Bismuth-212 Uncertainty	pCi/g	0.465		0.424		0.315	
Bismuth-214	pCi/g	0.819		1.25		0.317	
Bismuth-214 Uncertainty	pCi/g	0.179		0.202		0.113	
Cerium-139	pCi/g	0.0613	U	0.0525	U	0.0469	U
Cerium-139 Uncertainty	pCi/g	0.0344		0.029		0.0269	
Cerium-141	pCi/g	0.343	U	0.301	U	0.263	U
Cerium-141 Uncertainty	pCi/g	0.189		0.172		0.148	
Cerium-144	pCi/g	0.329	U	0.268	U	0.262	U
Cerium-144 Uncertainty	pCi/g	0.199		0.146		0.15	

Table 3: Location 28 Soil Sample Radionuclide Results

Radionuclides	Units	28-A	Remark	28-A Deep	Remark	28-B	Remark
Cesium-134	pCi/g	0.0674	U	0.0698	U	0.0538	U
Cesium-134 Uncertainty	pCi/g	0.0354		0.0393		0.0313	
Cesium-136	pCi/g	2.3	U	3.66	U	3.24	U
Cesium-136 Uncertainty	pCi/g	1.8		2.08		1.81	
Cesium-137	pCi/g	0.0641	U	0.0512	U	0.0427	
Cesium-137 Uncertainty	pCi/g	0.0344		0.0326		0.0302	
Chromium-51	pCi/g	2.49	U	2.16	U	1.97	U
Chromium-51 Uncertainty	pCi/g	1.44		1.18		1.09	
Cobalt-56	pCi/g	0.0821	U	0.0864	U	0.0717	U
Cobalt-56 Uncertainty	pCi/g	0.0488		0.0507		0.0414	
Cobalt-57	pCi/g	0.0429	U	0.0325	U	0.0314	U
Cobalt-57 Uncertainty	pCi/g	0.025		0.0181		0.0192	
Cobalt-58	pCi/g	0.089	U	0.0966	U	0.0768	U
Cobalt-58 Uncertainty	pCi/g	0.0542		0.0583		0.0456	
Cobalt-60	pCi/g	0.0596	U	0.0646	U	0.0395	U
Cobalt-60 Uncertainty	pCi/g	0.0356		0.0316		0.023	
Europium-152	pCi/g	0.146	U	0.131	U	0.0996	U
Europium-152 Uncertainty	pCi/g	0.0887		0.0738		0.0723	
Europium-154	pCi/g	0.148	U	0.127	U	0.0968	U
Europium-154 Uncertainty	pCi/g	0.0895		0.0841		0.058	
Europium-155	pCi/g	0.155	U	0.113	U	0.114	U
Europium-155 Uncertainty	pCi/g	0.0891		0.0617		0.0648	
Iridium-192	pCi/g	0.0939	U	0.073	U	0.0668	U
Iridium-192 Uncertainty	pCi/g	0.0523		0.0417		0.04	
Iron-59	pCi/g	0.323	U	0.235	U	0.185	U
Iron-59 Uncertainty	pCi/g	0.167		0.15		0.12	
Lead-210	pCi/g	5.96	U	0.647		3.36	U
Lead-210 Uncertainty	pCi/g	3.53		0.524		1.98	

Table 3: Location 28 Soil Sample Radionuclide Results

Radionuclides	Units	28-A	Remark	28-A Deep	Remark	28-B	Remark
Lead-212	pCi/g	0.278		0.323		0.261	
Lead-212 Uncertainty	pCi/g	0.0818		0.0732		0.071	
Lead-214	pCi/g	0.99		1.25		0.527	
Lead-214 Uncertainty	pCi/g	0.183		0.194		0.126	
Manganese-54	pCi/g	0.0537	U	0.0532	U	0.0455	U
Manganese-54 Uncertainty	pCi/g	0.0366		0.0327		0.0249	
Mercury-203	pCi/g	0.139	U	0.12	U	0.113	U
Mercury-203 Uncertainty	pCi/g	0.0784		0.0665		0.065	
Neodymium-147	pCi/g	33.3	U	27.8	U	26.2	U
Neodymium-147 Uncertainty	pCi/g	18.8		17.4		16.4	
Neptunium-239	pCi/g	0.54	U	0.437	U	0.439	U
Neptunium-239 Uncertainty	pCi/g	0.317		0.24		0.276	
Niobium-94	pCi/g	0.0486	U	0.0447	U	0.032	U
Niobium-94 Uncertainty	pCi/g	0.0272		0.0264		0.0202	
Niobium-95	pCi/g	0.13	U	0.124	U	0.0886	U
Niobium-95 Uncertainty	pCi/g	0.0734		0.0681		0.0506	
Potassium-40	pCi/g	1.61		1.73		0.676	U
Potassium-40 Uncertainty	pCi/g	0.711		0.548		0.349	
Promethium-144	pCi/g	0.0472	U	0.056	U	0.0416	U
Promethium-144 Uncertainty	pCi/g	0.0305		0.033		0.029	
Promethium-146	pCi/g	0.0754	U	0.0541	U	0.0477	U
Promethium-146 Uncertainty	pCi/g	0.0408		0.0289		0.028	
Radium-228	pCi/g	0.361		0.318	U	0.235	
Radium-228 Uncertainty	pCi/g	0.196		0.229		0.184	
Ruthenium-106	pCi/g	0.552	U	0.425	U	0.361	U
Ruthenium-106 Uncertainty	pCi/g	0.323		0.259		0.232	
Silver-110m	pCi/g	0.0832	U	0.0856	U	0.0585	U
Silver-110m Uncertainty	pCi/g	0.0496		0.0458		0.0347	

Table 3: Location 28 Soil Sample Radionuclide Results

Radionuclides	Units	28-A	Remark	28-A Deep	Remark	28-B	Remark
Sodium-22	pCi/g	0.0536	U	0.0463	U	0.0358	U
Sodium-22 Uncertainty	pCi/g	0.0329		0.03		0.0213	
Thallium-208	pCi/g	0.136		0.105		0.096	
Thallium-208 Uncertainty	pCi/g	0.055		0.0476		0.0413	
Thorium-234	pCi/g	2.12	U	1.81		1.38	U
Thorium-234 Uncertainty	pCi/g	1.2		0.78		0.794	
Tin-113	pCi/g	0.101	U	0.0759	U	0.0705	U
Tin-113 Uncertainty	pCi/g	0.0589		0.0431		0.0425	
Uranium-235	pCi/g	0.315	U	0.265	U	0.236	U
Uranium-235 Uncertainty	pCi/g	0.184		0.145		0.141	
Uranium-238	pCi/g	2.12	U	1.81		1.38	U
Uranium-238 Uncertainty	pCi/g	1.2		0.78		0.794	
Yttrium-88	pCi/g	0.0771	U	0.0712	U	0.073	U
Yttrium-88 Uncertainty	pCi/g	0.0415		0.0371		0.041	
Zinc-65	pCi/g	0.118	U	0.111	U	0.0888	U
Zinc-65 Uncertainty	pCi/g	0.0863		0.086		0.0573	
Zirconium-95	pCi/g	0.206	U	0.195	U	0.153	U
Zirconium-95 Uncertainty	pCi/g	0.112		0.111		0.0863	

Location 30

Table 1: Summary of Residential SCTL Exceedances in Soil Samples Collected from Location 30
March/April 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation

Analyte	Residential SCTL	30-A	30-A Deep	30-B	30-C	30-D
Exceedances						
Benzo(a)pyrene	0.1 mg/Kg	ND	0.23	ND	ND	ND

SCTL=Soil Cleanup Target Level

ND=Non Detect

NA=Not Analyzed

Yellow Shading=Exceedance of SCTL

ng/Kg= nanograms per Kilogram

mg/Kg=milligrams per Kilogram

Table 2: Location 30 Soil Sample Chemical Results

Volatile Organic Compounds	Units	30-A	MDL	Remark	30-A Deep	MDL	Remark	30-B	MDL	Remark	30-C	MDL	Remark	30-D	MDL	Remark
1,1,1-Trichloroethane	ug/kg	5.6	5.6	U	4.4	4.4	U	4.9	4.9	U	4.4	4.4	U	4.4	4.4	U
1,1,2,2-Tetrachloroethane	ug/kg	14	14	UJ	11	11	UJ	12	12	UJ	11	11	UJ	11	11	UJ
1,1,2-Trichloroethane	ug/kg	5.6	5.6	U	4.4	4.4	U	4.9	4.9	U	4.4	4.4	U	4.4	4.4	U
1,1-Dichloroethane	ug/kg	5.6	5.6	U	4.4	4.4	U	4.9	4.9	U	4.4	4.4	U	4.4	4.4	U
1,1-Dichloroethene	ug/kg	14	14	U	11	11	U	12	12	U	11	11	U	11	11	U
1,2-Dichlorobenzene	ug/kg	14	14	U	11	11	U	12	12	U	11	11	U	11	11	U
1,2-Dichloroethane	ug/kg	5.6	5.6	U	4.4	4.4	U	4.9	4.9	U	4.4	4.4	U	4.4	4.4	U
1,2-Dichloropropane	ug/kg	14	14	U	11	11	U	12	12	U	11	11	U	11	11	U
1,3-Dichlorobenzene	ug/kg	14	14	U	11	11	U	12	12	U	11	11	U	11	11	U
1,4-Dichlorobenzene	ug/kg	14	14	U	11	11	U	12	12	U	11	11	U	11	11	U
2-Butanone	ug/kg	140	140	UJ	110	110	UJ	120	120	UJ	110	110	U	110	110	UJ
2-Chloroethylvinyl ether	ug/kg	14	14	U	11	11	U	12	12	U	11	11	U	11	11	U
Benzene	ug/kg	5.6	5.6	U	4.4	4.4	U	4.9	4.9	U	4.4	4.4	U	4.4	4.4	U
Bromodichloromethane	ug/kg	5.6	5.6	U	4.4	4.4	U	4.9	4.9	U	4.4	4.4	U	4.4	4.4	UJ
Bromoform	ug/kg	14	14	UJ	11	11	UJ	12	12	UJ	11	11	U	11	11	UJ
Bromomethane	ug/kg	14	14	U	11	11	U	12	12	U	11	11	U	11	11	U
Carbon tetrachloride	ug/kg	5.6	5.6	U	4.4	4.4	U	4.9	4.9	U	4.4	4.4	U	4.4	4.4	UJ
Chlorobenzene	ug/kg	5.6	5.6	U	4.4	4.4	U	4.9	4.9	U	4.4	4.4	U	4.4	4.4	U
Chloroethane	ug/kg	14	14	U	11	11	U	12	12	U	11	11	U	11	11	UJ
Chloroform	ug/kg	5.6	5.6	U	4.4	4.4	U	4.9	4.9	U	4.4	4.4	U	4.4	4.4	U
Chloromethane	ug/kg	14	14	U	11	11	U	12	12	U	11	11	U	11	11	U
cis-1,2-Dichloroethene	ug/kg	14	14	U	11	11	U	12	12	U	11	11	U	11	11	U
cis-1,3-Dichloropropene	ug/kg	14	14	U	11	11	U	12	12	U	11	11	UJ	11	11	UJ
Dibromochloromethane	ug/kg	5.6	5.6	U	4.4	4.4	U	4.9	4.9	U	4.4	4.4	U	4.4	4.4	UJ
Ethylbenzene	ug/kg	14	14	U	11	11	U	12	12	U	11	11	U	11	11	U
m,p-Xylene	ug/kg	14	14	U	11	11	U	12	12	U	11	11	U	11	11	U
Methylene chloride	ug/kg	14	14	U	11	11	U	12	12	U	11	11	U	11	11	U
Methyl-t-butyl ether	ug/kg	14	14	U	11	11	U	12	12	U	11	11	U	11	11	U
o-Xylene	ug/kg	5.6	5.6	U	4.4	4.4	U	4.9	4.9	U	4.4	4.4	U	4.4	4.4	U

Table 2: Location 30 Soil Sample Chemical Results

Volatile Organic Compounds	Units	30-A	MDL	Remark	30-A Deep	MDL	Remark	30-B	MDL	Remark	30-C	MDL	Remark	30-D	MDL	Remark
Tetrachloroethene	ug/kg	14	14	U	11	11	U	12	12	U	11	11	U	11	11	U
Toluene	ug/kg	14	14	U	11	11	U	12	12	U	11	11	U	11	11	U
trans-1,2-Dichloroethene	ug/kg	14	14	U	11	11	U	12	12	U	11	11	U	11	11	U
trans-1,3-Dichloropropene	ug/kg	5.6	5.6	U	4.4	4.4	U	4.9	4.9	U	4.4	4.4	U	4.4	4.4	UJ
Trichloroethene	ug/kg	5.6	5.6	UJ	4.4	4.4	UJ	4.9	4.9	UJ	4.4	4.4	UJ	4.4	4.4	UJ
Trichlorofluoromethane	ug/kg	14	14	U	11	11	U	12	12	U	11	11	U	11	11	UJ
Vinyl chloride	ug/kg	14	14	U	11	11	U	12	12	U	11	11	U	11	11	U
Semi-Volatile Organic Compounds	Units	30-A	MDL	Remark	30-A Deep	MDL	Remark	30-B	MDL	Remark	30-C	MDL	Remark	30-D	MDL	Remark
1,2,4-Trichlorobenzene	ug/kg	230	230	U	200	200	U	200	200	U	200	200	U	200	200	U
1-Methylnaphthalene	ug/kg	8.3	8.3	U	7.5	7.5	U	7.6	7.6	UQJ	7.4	7.4	U	6.7	6.7	UQJ
1-Methylphenanthrene	ug/kg	8.3	8.3	U	6.7	6.7	UJQ	7.6	7.6	UJQ	7.4	7.4	U	6.7	6.7	UJQ
2,3,5-Trimethylnaphthalene	ug/kg	8.3	8.3	U	7.5	7.5	U	7.6	7.6	UQ	7.4	7.4	U	6.7	6.7	UQ
2,4,6-Trichlorophenol	ug/kg	75	75	U	68	68	U	68	68	U	67	67	U	66	66	U
2,4-Dichlorophenol	ug/kg	75	75	U	68	68	U	68	68	U	67	67	U	66	66	U
2,4-Dimethylphenol	ug/kg	450	450	U	410	410	U	410	410	UJ	400	400	U	400	400	UJ
2,4-Dinitrophenol	ug/kg	450	450	U	410	410	U	410	410	U	400	400	U	400	400	U
2,4-Dinitrotoluene	ug/kg	75	75	U	68	68	U	68	68	U	67	67	U	66	66	U
2,6-Dimethylnaphthalene	ug/kg	8.3	8.3	U	7.5	7.5	U	7.6	7.6	UQ	7.4	7.4	U	6.7	6.7	UQ
2,6-Dinitrotoluene	ug/kg	75	75	U	68	68	U	68	68	U	67	67	U	66	66	U
2-Chloronaphthalene	ug/kg	75	75	U	68	68	U	68	68	U	67	67	U	66	66	U
2-Chlorophenol	ug/kg	230	230	U	200	200	U	200	200	U	200	200	U	200	200	U
2-Methyl-4,6-dinitrophenol	ug/kg	75	75	U	68	68	U	68	68	UJ	67	67	UJ	66	66	UJ
2-Methylnaphthalene	ug/Kg	8.3	8.3	U	7.5	7.5	U	7.6	7.6	UQJ	7.4	7.4	U	6.7	6.7	UQJ
2-Nitrophenol	ug/kg	75	75	U	68	68	U	68	68	U	67	67	U	66	66	U
3,3'-Dichlorobenzidine	ug/kg	4500	4500	UJ	4000	4000	UJ	4000	4000	U	4000	4000	U	4000	4000	UJ
4-Bromophenyl phenyl ether	ug/kg	75	75	U	68	68	U	68	68	U	67	67	U	66	66	UJ
4-Chloro-3-methylphenol	ug/kg	75	75	U	68	68	U	68	68	U	67	67	U	66	66	U
4-Chlorophenyl phenyl ether	ug/kg	75	75	U	68	68	U	68	68	U	67	67	U	66	66	U
4-Nitrophenol	ug/kg	75	75	U	68	68	U	68	68	U	67	67	U	66	66	U

Table 2: Location 30 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	30-A	MDL	Remark	30-A Deep	MDL	Remark	30-B	MDL	Remark	30-C	MDL	Remark	30-D	MDL	Remark
Acenaphthene	ug/kg	8.3	8.3	U	7.5	7.5	U	7.6	7.6	U	7.4	7.4	U	7.3	7.3	U
Acenaphthylene	ug/kg	8.3	8.3	U	7.5	7.5	U	7.6	7.6	U	7.4	7.4	U	7.3	7.3	U
Anthracene	ug/kg	8.3	8.3	U	16	7.5	I	7.6	7.6	U	7.4	7.4	U	7.3	7.3	UJ
Azobenzene/1,2-Diphenylhydrazine	ug/kg	75	75	U	68	68	U	68	68	U	67	67	U	66	66	UJ
Benzidine	ug/kg	1600	1600	U	1500	1500	U	1500	1500	UJ	1300	1300	U	1400	1400	UJ
Benzo(a)anthracene	ug/kg	8.3	8.3	U	200	7.5		7.6	7.6	U	7.4	7.4	U	7.3	7.3	UJ
Benzo(a)pyrene	ug/kg	8.3	8.3	U	230	7.5		7.6	7.6	U	7.4	7.4	U	7.3	7.3	UJ
Benzo(b)fluoranthene	ug/kg	8.3	8.3	U	450	7.5		7.6	7.6	U	7.4	7.4	U	7.3	7.3	UJ
Benzo(g,h,i)perylene	ug/kg	8.3	8.3	U	100	7.5		7.6	7.6	U	7.4	7.4	U	7.3	7.3	UJ
Benzo(k)fluoranthene	ug/kg	8.3	8.3	U	130	7.5		7.6	7.6	U	7.4	7.4	U	7.3	7.3	UJ
Biphenyl	ug/kg	8.3	8.3	U	7.5	7.5	U	7.6	7.6	UQJ	7.4	7.4	U	6.7	6.7	UQJ
Bis(2-chloroethoxy)methane	ug/kg	75	75	U	68	68	U	68	68	U	67	67	U	66	66	U
Bis(2-chloroethyl)ether	ug/kg	75	75	U	68	68	U	68	68	U	67	67	U	66	66	U
Bis(2-chloroisopropyl)ether	ug/kg	75	75	U	68	68	U	68	68	UJ	67	67	U	66	66	UJ
Bis(2-ethylhexyl)phthalate	ug/kg	450	450	U	410	410	U	410	410	UQ	400	400	UJ	400	400	UQ
Butyl benzyl phthalate	ug/kg	75	75	U	68	68	U	68	68	UQ	67	67	U	66	66	UQ
Chrysene	ug/kg	8.3	8.3	U	280	7.5		7.6	7.6	U	7.4	7.4	UQ	7.3	7.3	UJ
Dibenzo(a,h)anthracene	ug/kg	8.3	8.3	U	6.7	6.7	UJQ	7.6	7.6	U	7.4	7.4	U	7.3	7.3	UJ
Dibenzothiophene	ug/kg	8.3	8.3	U	7.5	7.5	U	7.6	7.6	U	7.4	7.4	U	7.3	7.3	UJ
Diethyl phthalate	ug/kg	75	75	U	68	68	U	68	68	UJ	67	67	U	66	66	UJ
Dimethyl phthalate	ug/kg	75	75	U	68	68	U	68	68	U	67	67	U	66	66	U
Di-n-butyl phthalate	ug/kg	450	450	U	410	410	U	410	410	U	400	400	UJ	400	400	UQ
Di-n-octyl phthalate	ug/kg	75	75	U	68	68	U	68	68	UJ	67	67	UJ	66	66	UJ
Fluoranthene	ug/kg	8.3	8.3	U	610	7.5		7.6	7.6	UJQ	7.8	7.4	I	6.7	6.7	UJQ
Fluorene	ug/kg	8.3	8.3	U	7.5	7.5	U	7.6	7.6	UQ	7.4	7.4	U	6.7	6.7	UQ
Hexachlorobenzene	ug/kg	75	75	U	68	68	U	68	68	U	67	67	U	66	66	UJ
Hexachlorobutadiene	ug/kg	230	230	U	200	200	U	200	200	U	200	200	U	200	200	U
Hexachlorocyclopentadiene	ug/kg	75	75	UJ	68	68	UJ	68	68	U	67	67	U	66	66	UJ
Hexachloroethane	ug/kg	230	230	U	200	200	U	200	200	U	200	200	U	200	200	U

Table 2: Location 30 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	30-A	MDL	Remark	30-A Deep	MDL	Remark	30-B	MDL	Remark	30-C	MDL	Remark	30-D	MDL	Remark
Indeno(1,2,3-cd)pyrene	ug/kg	8.3	8.3	U	110	7.5		7.6	7.6	U	7.4	7.4	U	7.3	7.3	UJ
Isophorone	ug/kg	75	75	U	68	68	U	68	68	U	67	67	U	66	66	U
Naphthalene	ug/kg	8.3	8.3	U	7.5	7.5	U	7.6	7.6	U	7.4	7.4	U	6.7	6.7	UQJ
Nitrobenzene	ug/kg	75	75	U	68	68	U	68	68	U	67	67	U	66	66	U
N-Nitrosodimethylamine	ug/kg	450	450	U	410	410	U	410	410	U	400	400	U	400	400	U
N-Nitrosodi-n-propylamine	ug/kg	75	75	U	68	68	U	68	68	UJ	67	67	U	66	66	UJ
N-Nitrosodiphenylamine/ Diphenylamine	ug/kg	75	75	U	68	68	U	68	68	U	67	67	U	66	66	UJ
Pentachlorophenol	ug/kg	75	75	U	68	68	U	68	68	U	67	67	U	66	66	U
Phenanthrene	ug/kg	8.3	8.3	U	170	7.5		7.6	7.6	UJQ	7.4	7.4	U	6.7	6.7	UJQ
Phenol	ug/kg	75	75	U	68	68	U	68	68	U	67	67	U	66	66	U
Pyrene	ug/kg	8.3	8.3	U	410	7.5		7.6	7.6	UJQ	11	7.4	I	7.3	7.3	UJ
TRPH	mg/kg	13	13	U	59	59	U	13	12	I	12	12	U	11	11	U
Pesticides/Herbicides/PCBs	Units	30-A	MDL	Remark	30-A Deep	MDL	Remark	30-B	MDL	Remark	30-C	MDL	Remark	30-D	MDL	Remark
2,4,5-T	ug/kg										7.2	7.2	U			
2,4-D	ug/kg										7.2	7.2	U			
3-Hydroxycarbofuran	ug/kg										0.56	0.56	UJ			
Acifluorfen	ug/kg										7.2	7.2	U			
Aldicarb	ug/kg										0.56	0.56	UJ			
Aldicarb Sulfone	ug/kg										0.56	0.56	UJ			
Aldicarb Sulfoxide	ug/kg										0.56	0.56	UJ			
Carbaryl	ug/kg										0.56	0.56	UJ			
Carbofuran	ug/kg										0.56	0.56	UJ			
Diuron	ug/kg										6.7	6.7	U			
Imidacloprid	ug/kg										6.7	6.7	U			
Linuron	ug/kg										6.7	6.7	U			
Methiocarb	ug/kg										0.56	0.56	UJ			
Methomyl	ug/kg										0.56	0.56	UJ			
Oxamyl	ug/kg										0.56	0.56	UJ			
Propoxur	ug/kg										0.56	0.56	UJ			

Table 2: Location 30 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	30-A	MDL	Remark	30-A Deep	MDL	Remark	30-B	MDL	Remark	30-C	MDL	Remark	30-D	MDL	Remark
Silvex	ug/kg										7.2	7.2	U			
Alachlor	ug/kg	12	12	U	11	11	U	12	12	U	11	11	U	11	11	U
Aldrin	ug/Kg	0.42	0.42	U	0.38	0.38	U	0.39	0.39	U	0.37	0.37	U	0.37	0.37	U
Alpha-BHC	ug/Kg	0.42	0.42	U	0.38	0.38	U	0.39	0.39	U	0.37	0.37	U	0.37	0.37	U
Ametryn	ug/kg	2.1	2.1	U	1.9	1.9	U	2	2	U	1.9	1.9	U	1.8	1.8	U
Atrazine	ug/kg	2.1	2.1	U	1.9	1.9	U	2	2	U	1.9	1.9	U	1.8	1.8	U
Azinphos Methyl	ug/kg	6.2	6.2	U	5.6	5.6	U	5.9	5.9	U	5.6	5.6	U	5.5	5.5	U
Beta-BHC	ug/Kg	0.42	0.42	U	0.38	0.38	U	0.82	0.82	U	0.37	0.37	U	0.37	0.37	U
Bromacil	ug/kg	8.3	8.3	U	7.5	7.5	U	7.9	7.9	U	7.4	7.4	U	7.3	7.3	U
Chlordane	ug/Kg	6.2	6.2	U	30	5.6		5.9	5.9	U	5.6	5.6	U	5.5	5.5	U
Chlorpyrifos Ethyl	ug/kg	2.1	2.1	U	1.9	1.9	U	2	2	U	1.9	1.9	U	1.8	1.8	U
Chlorpyrifos Methyl	ug/kg	4.2	4.2	U	3.8	3.8	U	3.9	3.9	U	3.7	3.7	U	3.7	3.7	U
DDD-p,p'	ug/Kg	0.83	0.83	U	0.75	0.75	U	0.79	0.79	U	0.74	0.74	U	0.73	0.73	U
DDE-p,p'	ug/Kg	0.83	0.83	U	0.75	0.75	U	0.79	0.79	U	0.74	0.74	U	0.73	0.73	U
DDT-p,p'	ug/Kg	1.2	1.2	U	1.1	1.1	U	1.2	1.2	U	1.1	1.1	U	1.1	1.1	U
Delta-BHC	ug/Kg	0.83	0.83	U	0.75	0.75	U	0.79	0.79	U	0.74	0.74	U	0.73	0.73	U
Diazinon	ug/kg	2.1	2.1	U	1.9	1.9	U	2	2	U	1.9	1.9	U	1.8	1.8	U
Dieldrin	ug/Kg	0.42	0.42	U	0.38	0.38	U	0.39	0.39	U	0.37	0.37	U	0.37	0.37	U
Endosulfan I	ug/Kg	0.42	0.42	U	0.38	0.38	U	0.39	0.39	U	0.37	0.37	U	0.37	0.37	U
Endosulfan II	ug/Kg	0.42	0.42	U	0.38	0.38	U	0.39	0.39	U	0.37	0.37	U	0.37	0.37	U
Endosulfan Sulfate	ug/Kg	0.83	0.83	U	0.75	0.75	U	0.79	0.79	U	0.74	0.74	U	0.73	0.73	U
Endrin	ug/Kg	2.1	2.1	U	1.9	1.9	U	2	2	U	1.9	1.9	U	1.8	1.8	U
Endrin Aldehyde	ug/Kg	0.83	0.83	U	0.75	0.75	U	0.79	0.79	U	0.74	0.74	U	0.73	0.73	U
Ethion	ug/kg	2.1	2.1	U	1.9	1.9	U	2	2	U	1.9	1.9	U	1.8	1.8	U
Ethoprop	ug/kg	2.1	2.1	U	1.9	1.9	U	2	2	U	1.9	1.9	U	1.8	1.8	U
Fenamiphos	ug/kg	4.2	4.2	U	3.8	3.8	U	3.9	3.9	U	7.4	7.4	U	3.7	3.7	U
Fonofos	ug/kg	2.1	2.1	U	1.9	1.9	U	2	2	U	1.9	1.9	U	1.8	1.8	U
Gamma-BHC	ug/Kg	0.42	0.42	U	0.38	0.38	U	0.39	0.39	U	0.37	0.37	U	0.37	0.37	U
Heptachlor	ug/Kg	0.42	0.42	U	0.38	0.38	U	0.39	0.39	U	0.37	0.37	U	0.37	0.37	U

Table 2: Location 30 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	30-A	MDL	Remark	30-A Deep	MDL	Remark	30-B	MDL	Remark	30-C	MDL	Remark	30-D	MDL	Remark
Heptachlor Epoxide	ug/kg	0.42	0.42	U	0.38	0.38	U	0.39	0.39	U	0.37	0.37	U	0.37	0.37	U
Hexazinone	ug/kg	4.2	4.2	U	3.8	3.8	U	3.9	3.9	U	3.7	3.7	U	3.7	3.7	U
Malathion	ug/kg	4.2	4.2	U	3.8	3.8	U	3.9	3.9	U	3.7	3.7	U	3.7	3.7	U
Methamidophos	ug/kg	21	21	U	19	19	U	20	20	U	19	19	UJ	18	18	U
Methoxychlor	ug/kg	2.1	2.1	U	1.9	1.9	U	2	2	U	1.9	1.9	U	1.8	1.8	U
Metolachlor	ug/kg	12	12	U	11	11	U	12	12	U	11	11	U	11	11	U
Metribuzin	ug/kg	4.2	4.2	U	3.8	3.8	U	3.9	3.9	U	3.7	3.7	U	3.7	3.7	U
Mevinphos	ug/kg	8.3	8.3	U	7.5	7.5	U	7.9	7.9	U	7.4	7.4	U	7.3	7.3	U
Monocrotophos	ug/kg	21	21	U	19	19	U	20	20	U	19	19	UJ	18	18	U
Naled	ug/kg	17	17	UJ	15	15	UJ	16	16	UJ	15	15	U	15	15	UJ
Norflurazon	ug/kg	4.2	4.2	U	3.8	3.8	U	3.9	3.9	U	3.7	3.7	U	3.7	3.7	U
Parathion Ethyl	ug/kg	4.2	4.2	U	3.8	3.8	U	3.9	3.9	U	3.7	3.7	U	3.7	3.7	U
Parathion Methyl	ug/kg	4.2	4.2	U	3.8	3.8	U	3.9	3.9	U	3.7	3.7	U	3.7	3.7	U
PCB-1016	ug/Kg	12	12	U	11	11	U	12	12	U	11	11	U	11	11	U
PCB-1221	ug/Kg	8.3	8.3	U	7.5	7.5	U	7.9	7.9	U	7.4	7.4	U	7.3	7.3	U
PCB-1232	ug/Kg	19	19	U	17	17	U	18	18	U	17	17	U	16	16	U
PCB-1242	ug/Kg	12	12	U	11	11	U	12	12	U	11	11	U	11	11	U
PCB-1248	ug/Kg	8.3	8.3	U	7.5	7.5	U	7.9	7.9	U	7.4	7.4	U	7.3	7.3	U
PCB-1254	ug/Kg	8.3	8.3	U	7.5	7.5	U	7.9	7.9	U	7.4	7.4	U	7.3	7.3	U
PCB-1260	ug/Kg	12	12	U	11	11	U	12	12	U	11	11	U	11	11	U
Phorate	ug/kg	2.1	2.1	U	1.9	1.9	U	2	2	U	1.9	1.9	U	1.8	1.8	U
Prometryn	ug/kg	4.2	4.2	U	3.8	3.8	U	3.9	3.9	U	3.7	3.7	U	3.7	3.7	U
Simazine	ug/kg	2.1	2.1	U	1.9	1.9	U	2	2	U	1.9	1.9	U	1.8	1.8	U
Toxaphene	ug/Kg	31	31	U	28	28	U	30	30	U	28	28	U	27	27	U
Diquat	mg/Kg										0.046	0.046	U			
Paraquat	mg/Kg										0.057	0.057	U			
Metals	Units	30-A	MDL	Remark	30-A Deep	MDL	Remark	30-B	MDL	Remark	30-C	MDL	Remark	30-D	MDL	Remark
Mercury	mg/Kg	0.018	0.0042		0.011	0.0036	I	0.012	0.0038	I	0.011	0.0039	I	0.0036	0.0033	I
Antimony	mg/Kg	0.15	0.15	UJ	0.14	0.14	UJ	0.14	0.14	UJ	0.14	0.14	U	0.14	0.14	U

Table 2: Location 30 Soil Sample Chemical Results

Metals	Units	30-A	MDL	Remark	30-A Deep	MDL	Remark	30-B	MDL	Remark	30-C	MDL	Remark	30-D	MDL	Remark
Arsenic	mg/Kg	1.1	0.062		0.97	0.057		0.35	0.057	A	0.34	0.055		0.22	0.055	
Barium	mg/Kg	17.8	0.062		10.9	0.057		14.8	0.057	A	6.15	0.055		18.6	0.055	
Beryllium	mg/Kg	0.18	0.025		0.155	0.023		0.066	0.023	I	0.077	0.022	I	0.077	0.022	I
Cadmium	mg/Kg	0.031	0.031	U	0.033	0.029	I	0.028	0.028	U	0.031	0.028	I	0.027	0.027	U
Chromium	mg/Kg	5.13	0.15		5.31	0.14		2.44	0.14	A	3.06	0.14		3.62	0.14	
Cobalt	mg/Kg	0.65	0.012		0.484	0.011		0.248	0.011	A	0.302	0.011		0.247	0.011	
Copper	mg/Kg	8.28	0.15		1.65	0.14		1.29	0.14	A	1.76	0.14		0.47	0.14	I
Lead	mg/Kg	3.18	0.23		4.44	0.21		3.01	0.21	A	2.65	0.21		2.23	0.21	
Nickel	mg/Kg	1.47	0.15		2.08	0.14		0.86	0.14	A	1	0.14		0.98	0.14	
Selenium	mg/Kg	0.27	0.092	I	0.19	0.086	I	0.28	0.085	I	0.24	0.083	I	0.24	0.082	I
Silver	mg/Kg	0.0077	0.0077	U	0.009	0.0071	I	0.0071	0.0071	UJ	0.0069	0.0069	UJ	0.0068	0.0068	UJ
Thallium	mg/Kg	0.031	0.031	U	0.029	0.029	U	0.028	0.028	U	0.028	0.028	U	0.03	0.027	I
Zinc	mg/Kg	8.5	1.2		4.6	1.1		7.2	1.1	A	4	1.1	I	1.4	1.1	I
Dioxins/Furans	Units	30-A	MDL	Remark	30-A Deep	MDL	Remark	30-B	MDL	Remark	30-C	MDL	Remark	30-D	MDL	Remark
1,2,3,4,6,7,8-HpCDD	ng/Kg										7.82	2.99	V			
1,2,3,4,6,7,8-HpCDF	ng/Kg										1.67	2.99	I			
1,2,3,4,7,8,9-HpCDF	ng/Kg										0.124	2.99	IJ			
1,2,3,4,7,8-HxCDD	ng/Kg										0.105	2.99	U			
1,2,3,4,7,8-HxCDF	ng/Kg										0.0776	2.99	U			
1,2,3,6,7,8-HxCDD	ng/Kg										0.104	2.99	U			
1,2,3,6,7,8-HxCDF	ng/Kg										0.081	2.99	U			
1,2,3,7,8,9-HxCDD	ng/Kg										0.105	2.99	U			
1,2,3,7,8,9-HxCDF	ng/Kg										0.101	2.99	U			
1,2,3,7,8-PeCDD	ng/Kg										0.16	2.99	U			
1,2,3,7,8-PeCDF	ng/Kg										0.116	2.99	U			
2,3,4,6,7,8-HxCDF	ng/Kg										0.0856	2.99	U			
2,3,4,7,8-PeCDF	ng/Kg										0.114	2.99	U			
2,3,7,8-TCDD	ng/Kg										0.151	1.2	U			
2,3,7,8-TCDF	ng/Kg										0.183	1.2	U			

Table 2: Location 30 Soil Sample Chemical Results

Dioxins/Furans	Units	30-A	MDL	Remark	30-A Deep	MDL	Remark	30-B	MDL	Remark	30-C	MDL	Remark	30-D	MDL	Remark
OCDD	ng/Kg										114	5.98	V			
OCDF	ng/Kg										12.2	5.98	V			
Total Hepta-Dioxins	ng/Kg										30.1	2.99				
Total Hepta-Furans	ng/Kg										6.45	2.99				
Total Hexa-Dioxins	ng/Kg										0.627	2.99	I			
Total Hexa-Furans	ng/Kg										0.585	2.99	I			
Total Penta-Dioxins	ng/Kg										0.16	2.99	U			
Total Penta-Furans	ng/Kg										0.381	2.99	I			
Total Tetra-Dioxins	ng/Kg										0.151	1.2	U			
Total Tetra-Furans	ng/Kg										0.183	1.2	U			
Calculated Total Toxicity Equivalents (TEQ)	Units	30-A			30-A Deep			30-B			30-C			30-D		
Dioxins as total 2,3,7,8-TCDD	ng/Kg										0.338					
Total Benzo(a)pyrene	mg/Kg				0.3											

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

Table 3: Location 30 Soil Sample Radionuclide Results

Radionuclides	Units	30-A	Remark	30-A Deep	Remark	30-B	Remark	30-C	Remark	30-D	Remark
Actinium-228	pCi/g	0.209	U	0.181	U	0.211	UJ	0.184	U	0.193	U
Actinium-228 Uncertainty	pCi/g	0.117		0.1		0.151		0.122		0.0991	
Alpha Uncertainty	pCi/g	2.39		2.35		3.65		2.6		3.01	
Alpha, Total	pCi/g	5.45		3.35		9.02		3.54		6.06	
Americium-241	pCi/g	0.161	U	0.161	U	0.195	U	0.0836	U	0.201	U
Americium-241 Uncertainty	pCi/g	0.0952		0.0852		0.103		0.0458		0.114	
Antimony-124	pCi/g	0.16	U	0.193	U	0.173	U	0.167	U	0.136	U
Antimony-124 Uncertainty	pCi/g	0.0954		0.099		0.0989		0.0999		0.0851	
Antimony-125	pCi/g	0.111	U	0.0969	U	0.0948	U	0.0927	U	0.0871	U
Antimony-125 Uncertainty	pCi/g	0.0659		0.0544		0.0557		0.0518		0.0498	
Barium-133	pCi/g	0.0441	U	0.0396	U	0.0403	U	0.0409	U	0.0375	U
Barium-133 Uncertainty	pCi/g	0.0288		0.0249		0.0252		0.0258		0.0241	
Barium-140	pCi/g	5.87	U	5.36	U	4.45	U	4.74	U	4.5	U
Barium-140 Uncertainty	pCi/g	3.29		3.32		2.71		2.78		2.74	
Beryllium-7	pCi/g	0.629	U	0.697	U	0.667	U	0.515	U	0.583	U
Beryllium-7 Uncertainty	pCi/g	0.385		0.404		0.361		0.327		0.365	
Beta Uncertainty	pCi/g	2.66		1.88		2.55		1.88		2.24	
Beta, Total	pCi/g	7.13		3.09	U	5.18		2.97	U	3.37	U
Bismuth-212	pCi/g	0.562	U	0.527	U	0.429	U	0.501	U	0.494	U
Bismuth-212 Uncertainty	pCi/g	0.297		0.299		0.308		0.281		0.27	
Bismuth-214	pCi/g	0.193		0.29		0.207		0.118	UJ	0.266	
Bismuth-214 Uncertainty	pCi/g	0.0888		0.0811		0.089		0.0732		0.0737	
Cerium-139	pCi/g	0.0377	U	0.0365	U	0.0395	U	0.0312	U	0.0345	U
Cerium-139 Uncertainty	pCi/g	0.0231		0.0211		0.0215		0.0191		0.0197	
Cerium-141	pCi/g	0.226	U	0.203	U	0.229	U	0.174	U	0.178	U
Cerium-141 Uncertainty	pCi/g	0.119		0.113		0.119		0.0981		0.0971	
Cerium-144	pCi/g	0.236	U	0.21	U	0.241	U	0.182	U	0.19	U
Cerium-144 Uncertainty	pCi/g	0.135		0.121		0.141		0.111		0.104	

Table 3: Location 30 Soil Sample Radionuclide Results

Radionuclides	Units	30-A	Remark	30-A Deep	Remark	30-B	Remark	30-C	Remark	30-D	Remark
Cesium-134	pCi/g	0.0497	U	0.0442	U	0.0483	U	0.0395	U	0.0418	U
Cesium-134 Uncertainty	pCi/g	0.0265		0.0263		0.0252		0.0235		0.0243	
Cesium-136	pCi/g	1.59	U	1.64	U	1.47	U	1.64	U	1.48	U
Cesium-136 Uncertainty	pCi/g	1.07		0.993		0.948		0.913		0.918	
Cesium-137	pCi/g	0.0443	U	0.0366	U	0.0373	U	0.0883		0.0348	U
Cesium-137 Uncertainty	pCi/g	0.0238		0.0209		0.0338		0.0339		0.0197	
Chromium-51	pCi/g	1.72	U	1.53	U	1.47	U	1.32	U	1.44	U
Chromium-51 Uncertainty	pCi/g	0.985		0.844		0.814		0.782		0.782	
Cobalt-56	pCi/g	0.0626	U	0.0575	U	0.0591	U	0.0532	U	0.057	U
Cobalt-56 Uncertainty	pCi/g	0.0367		0.0357		0.0346		0.0328		0.034	
Cobalt-57	pCi/g	0.0307	U	0.0277	U	0.0318	U	0.0229	U	0.0252	U
Cobalt-57 Uncertainty	pCi/g	0.0174		0.015		0.0178		0.0121		0.014	
Cobalt-58	pCi/g	0.0652	U	0.0508	U	0.0682	U	0.0556	U	0.0487	U
Cobalt-58 Uncertainty	pCi/g	0.0362		0.0317		0.0362		0.032		0.0291	
Cobalt-60	pCi/g	0.0411	U	0.0275	U	0.0385	U	0.0329	U	0.0356	U
Cobalt-60 Uncertainty	pCi/g	0.023		0.0158		0.0247		0.0215		0.0198	
Europium-152	pCi/g	0.108	U	0.0971	U	0.106	U	0.0833	U	0.0782	U
Europium-152 Uncertainty	pCi/g	0.0606		0.0576		0.0638		0.0533		0.0434	
Europium-154	pCi/g	0.101	U	0.107	U	0.119	U	0.0923	U	0.0994	U
Europium-154 Uncertainty	pCi/g	0.0651		0.0654		0.0692		0.0464		0.0512	
Europium-155	pCi/g	0.107	U	0.106	U	0.107	U	0.0763	U	0.0892	U
Europium-155 Uncertainty	pCi/g	0.0607		0.0559		0.0602		0.0456		0.0473	
Iridium-192	pCi/g	0.0646	U	0.0553	U	0.0592	U	0.0566	U	0.0504	U
Iridium-192 Uncertainty	pCi/g	0.0369		0.0312		0.0343		0.031		0.0301	
Iron-59	pCi/g	0.167	U	0.162	U	0.203	U	0.143	U	0.198	U
Iron-59 Uncertainty	pCi/g	0.118		0.0953		0.111		0.0834		0.107	
Lead-210	pCi/g	3.77	U	5.32	U	6.08	U	1.71	U	7.53	U
Lead-210 Uncertainty	pCi/g	2.33		3.11		3.53		0.946		4.19	

Table 3: Location 30 Soil Sample Radionuclide Results

Radionuclides	Units	30-A	Remark	30-A Deep	Remark	30-B	Remark	30-C	Remark	30-D	Remark
Lead-212	pCi/g	0.227		0.137		0.144		0.109		0.14	
Lead-212 Uncertainty	pCi/g	0.0617		0.0494		0.0505		0.0407		0.0574	
Lead-214	pCi/g	0.211		0.282		0.257		0.216		0.284	
Lead-214 Uncertainty	pCi/g	0.0895		0.0985		0.0873		0.0817		0.0776	
Manganese-54	pCi/g	0.0319	U	0.043	U	0.0394	U	0.0352	U	0.0408	U
Manganese-54 Uncertainty	pCi/g	0.0219		0.0221		0.0233		0.0226		0.0217	
Mercury-203	pCi/g	0.0852	U	0.0865	U	0.0771	U	0.0794	U	0.0748	U
Mercury-203 Uncertainty	pCi/g	0.0522		0.0456		0.0451		0.0431		0.0421	
Neodymium-147	pCi/g	20.1	U	19.5	U	18.2	U	16.7	U	17.1	U
Neodymium-147 Uncertainty	pCi/g	11.3		11.4		10.4		9.74		9.2	
Neptunium-239	pCi/g	0.395	U	0.381	U	0.412	U	0.293	U	0.349	U
Neptunium-239 Uncertainty	pCi/g	0.234		0.209		0.239		0.172		0.188	
Niobium-94	pCi/g	0.0373	U	0.0342	U	0.0376	U	0.0338	U	0.0272	U
Niobium-94 Uncertainty	pCi/g	0.0199		0.0195		0.02		0.0184		0.0174	
Niobium-95	pCi/g	0.0714	U	0.0679	U	0.0717	U	0.0681	U	0.0705	U
Niobium-95 Uncertainty	pCi/g	0.0425		0.0439		0.0463		0.0384		0.0362	
Potassium-40	pCi/g	0.393	UJ	0.692		1.07		0.267	UJ	0.89	
Potassium-40 Uncertainty	pCi/g	0.336		0.314		0.474		0.334		0.434	
Promethium-144	pCi/g	0.0388	U	0.0356	U	0.0345	U	0.0335	U	0.0373	U
Promethium-144 Uncertainty	pCi/g	0.0223		0.0227		0.0211		0.0202		0.0204	
Promethium-146	pCi/g	0.0461	U	0.0427	U	0.0445	U	0.0373	U	0.0384	U
Promethium-146 Uncertainty	pCi/g	0.026		0.0237		0.0251		0.0223		0.0213	
Radium-228	pCi/g	0.209	U	0.181	U	0.211	UJ	0.184	U	0.193	U
Radium-228 Uncertainty	pCi/g	0.117		0.1		0.151		0.122		0.0991	
Ruthenium-106	pCi/g	0.323	U	0.338	U	0.317	U	0.284	U	0.27	U
Ruthenium-106 Uncertainty	pCi/g	0.194		0.189		0.188		0.162		0.176	
Silver-110m	pCi/g	0.0761	U	0.0427	U	0.048	U	0.0486	U	0.0508	U
Silver-110m Uncertainty	pCi/g	0.0416		0.0295		0.0288		0.0259		0.0282	

Table 3: Location 30 Soil Sample Radionuclide Results

Radionuclides	Units	30-A	Remark	30-A Deep	Remark	30-B	Remark	30-C	Remark	30-D	Remark
Sodium-22	pCi/g	0.0369	U	0.0385	U	0.0428	U	0.0326	U	0.0364	U
Sodium-22 Uncertainty	pCi/g	0.0232		0.0237		0.025		0.0178		0.0187	
Thallium-208	pCi/g	0.0582	U	0.0486	U	0.0595		0.0516	U	0.0493	
Thallium-208 Uncertainty	pCi/g	0.0297		0.0253		0.042		0.0263		0.0354	
Thorium-234	pCi/g	1.54	U	1.65	U	1.8	U	0.877	U	1.74	U
Thorium-234 Uncertainty	pCi/g	0.861		0.842		0.973		0.471		0.941	
Tin-113	pCi/g	0.0637	U	0.0594	U	0.0528	U	0.0593	U	0.0567	U
Tin-113 Uncertainty	pCi/g	0.0377		0.0336		0.0324		0.0319		0.0325	
Uranium-235	pCi/g	0.224	U	0.214	U	0.206	U	0.168	U	0.164	U
Uranium-235 Uncertainty	pCi/g	0.126		0.121		0.126		0.0974		0.0973	
Uranium-238	pCi/g	1.54	U	1.65	U	1.8	U	0.877	U	1.74	U
Uranium-238 Uncertainty	pCi/g	0.861		0.842		0.973		0.471		0.941	
Yttrium-88	pCi/g	0.0604	U	0.0383	U	0.0645	U	0.0417	U	0.0462	U
Yttrium-88 Uncertainty	pCi/g	0.0393		0.0251		0.0355		0.0293		0.0259	
Zinc-65	pCi/g	0.0893	U	0.0807	U	0.0612	U	0.0703	U	0.0739	U
Zinc-65 Uncertainty	pCi/g	0.0596		0.0428		0.0433		0.0552		0.0477	
Zirconium-95	pCi/g	0.112	U	0.111	U	0.106	U	0.122	U	0.111	U
Zirconium-95 Uncertainty	pCi/g	0.0718		0.0676		0.0701		0.0593		0.0678	

Location 31

**Table 1: Summary of Residential SCTL Exceedances in Soil Samples Collected from Location 31
March/April 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation**

Analyte	Residential SCTL	31-A	31-A Deep	31-B
Exceedances				
Benzo(a)pyrene	0.1 mg/Kg	0.088	0.013	0.130

SCTL=Soil Cleanup Target Level

ND=Non Detect

NA=Not Analyzed

Yellow Shading=Exceedance of SCTL

ng/Kg= nanograms per Kilogram

mg/Kg=milligrams per Kilogram

Table 2: Location 31 Soil Sample Chemical Results

Volatile Organic Compounds	Units	31-A	MDL	Remark	31-A Deep	MDL	Remark	31-B	MDL	Remark
1,1,1-Trichloroethane	ug/kg	5	5	UJ	4.4	4.4	U	5.4	5.4	U
1,1,2,2-Tetrachloroethane	ug/kg	13	13	UJ	11	11	UJ	13	13	UJ
1,1,2-Trichloroethane	ug/kg	5	5	U	4.4	4.4	U	5.4	5.4	U
1,1-Dichloroethane	ug/kg	5	5	U	4.4	4.4	U	5.4	5.4	U
1,1-Dichloroethene	ug/kg	13	13	U	11	11	U	13	13	U
1,2-Dichlorobenzene	ug/kg	13	13	U	11	11	U	13	13	U
1,2-Dichloroethane	ug/kg	5	5	U	4.4	4.4	U	5.4	5.4	U
1,2-Dichloropropane	ug/kg	13	13	U	11	11	U	13	13	U
1,3-Dichlorobenzene	ug/kg	13	13	U	11	11	U	13	13	U
1,4-Dichlorobenzene	ug/kg	13	13	U	11	11	U	13	13	U
2-Butanone	ug/kg	130	130	U	110	110	U	130	130	U
2-Chloroethylvinyl ether	ug/kg	13	13	U	11	11	U	13	13	U
Benzene	ug/kg	5	5	U	4.4	4.4	U	5.4	5.4	U
Bromodichloromethane	ug/kg	5	5	UJ	4.4	4.4	U	5.4	5.4	U
Bromoform	ug/kg	13	13	UJ	11	11	UJ	13	13	UJ
Bromomethane	ug/kg	13	13	UJ	11	11	U	13	13	U
Carbon tetrachloride	ug/kg	5	5	UJ	4.4	4.4	U	5.4	5.4	U
Chlorobenzene	ug/kg	5	5	U	4.4	4.4	U	5.4	5.4	U
Chloroethane	ug/kg	13	13	UJ	11	11	U	13	13	U
Chloroform	ug/kg	5	5	U	4.4	4.4	U	5.4	5.4	U
Chloromethane	ug/kg	13	13	U	11	11	U	13	13	U
cis-1,2-Dichloroethene	ug/kg	13	13	U	11	11	U	13	13	U
cis-1,3-Dichloropropene	ug/kg	13	13	UJ	11	11	UJ	13	13	UJ
Dibromochloromethane	ug/kg	5	5	UJ	4.4	4.4	UJ	5.4	5.4	UJ
Ethylbenzene	ug/kg	13	13	U	11	11	U	13	13	U
m,p-Xylene	ug/kg	13	13	U	11	11	U	13	13	U
Methylene chloride	ug/kg	13	13	U	11	11	U	13	13	U
Methyl-t-butyl ether	ug/kg	13	13	U	11	11	U	13	13	U
o-Xylene	ug/kg	5	5	U	4.4	4.4	U	5.4	5.4	U

Table 2: Location 31 Soil Sample Chemical Results

Volatile Organic Compounds	Units	31-A	MDL	Remark	31-A Deep	MDL	Remark	31-B	MDL	Remark
Tetrachloroethene	ug/kg	13	13	U	11	11	U	13	13	U
Toluene	ug/kg	13	13	U	11	11	U	13	13	U
trans-1,2-Dichloroethene	ug/kg	13	13	U	11	11	U	13	13	U
trans-1,3-Dichloropropene	ug/kg	5	5	UJ	4.4	4.4	UJ	5.4	5.4	UJ
Trichloroethene	ug/kg	5	5	U	4.4	4.4	UJ	5.4	5.4	UJ
Trichlorofluoromethane	ug/kg	13	13	UJ	11	11	U	13	13	U
Vinyl chloride	ug/kg	13	13	U	11	11	U	13	13	U
Semi-Volatile Organic Compounds	Units	31-A	MDL	Remark	31-A Deep	MDL	Remark	31-B	MDL	Remark
1,2,4-Trichlorobenzene	ug/kg	220	220	U	200	200	U	200	200	U
1-Methylnaphthalene	ug/kg	8	8	U	6.7	6.7	UQ	7.5	7.5	U
1-Methylphenanthrene	ug/kg	8	8	U	7.3	7.3	U	7.5	7.5	U
2,3,5-Trimethylnaphthalene	ug/kg	8	8	U	6.7	6.7	UQ	7.5	7.5	U
2,4,6-Trichlorophenol	ug/kg	72	72	U	66	66	U	68	68	U
2,4-Dichlorophenol	ug/kg	72	72	U	66	66	U	68	68	U
2,4-Dimethylphenol	ug/kg	430	430	U	400	400	UJ	410	410	UJ
2,4-Dinitrophenol	ug/kg	430	430	U	400	400	U	410	410	U
2,4-Dinitrotoluene	ug/kg	72	72	U	66	66	U	68	68	U
2,6-Dimethylnaphthalene	ug/kg	8	8	U	6.7	6.7	UQ	30	30	U
2,6-Dinitrotoluene	ug/kg	72	72	U	66	66	U	68	68	U
2-Chloronaphthalene	ug/kg	72	72	U	66	66	U	68	68	U
2-Chlorophenol	ug/kg	220	220	U	200	200	U	200	200	U
2-Methyl-4,6-dinitrophenol	ug/kg	72	72	U	66	66	UJ	68	68	UJ
2-Methylnaphthalene	ug/Kg	8	8	U	6.7	6.7	UQ	26	26	U
2-Nitrophenol	ug/kg	72	72	U	66	66	U	68	68	U
3,3'-Dichlorobenzidine	ug/kg	4300	4300	UJ	4000	4000	U	4000	4000	U
4-Bromophenyl phenyl ether	ug/kg	72	72	U	66	66	U	68	68	U
4-Chloro-3-methylphenol	ug/kg	72	72	U	66	66	U	68	68	U
4-Chlorophenyl phenyl ether	ug/kg	72	72	U	66	66	U	68	68	U
4-Nitrophenol	ug/kg	72	72	U	66	66	U	68	68	U

Table 2: Location 31 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	31-A	MDL	Remark	31-A Deep	MDL	Remark	31-B	MDL	Remark
Acenaphthene	ug/kg	8	8	U	7.3	7.3	U	7.5	7.5	U
Acenaphthylene	ug/kg	8	8	U	7.3	7.3	U	7.5	7.5	U
Anthracene	ug/kg	8	8	U	7.3	7.3	U	7.5	7.5	U
Azobenzene/1,2-Diphenylhydrazine	ug/kg	72	72	U	66	66	U	68	68	U
Benzidine	ug/kg	1600	1600	U	1300	1300	UJ	1500	1500	UJ
Benzo(a)anthracene	ug/kg	46	8		9.2	7.3	I	91	7.5	
Benzo(a)pyrene	ug/kg	88	8		13	7.3	I	130	7.5	
Benzo(b)fluoranthene	ug/kg	150	8		6.7	6.7	UJQ	200	7.5	
Benzo(g,h,i)perylene	ug/kg	92	8		13	7.3	I	120	7.5	
Benzo(k)fluoranthene	ug/kg	46	8		6.7	6.7	UJQ	62	7.5	
Biphenyl	ug/kg	8	8	U	7.3	7.3	U	7.5	7.5	U
Bis(2-chloroethoxy)methane	ug/kg	72	72	U	66	66	U	68	68	U
Bis(2-chloroethyl)ether	ug/kg	72	72	U	66	66	U	68	68	U
Bis(2-chloroisopropyl)ether	ug/kg	72	72	U	66	66	UJ	68	68	UJ
Bis(2-ethylhexyl)phthalate	ug/kg	430	430	U	1.60E+04	1.60E+04	UJ	1.70E+04	1.70E+04	UJ
Butyl benzyl phthalate	ug/kg	72	72	U	66	66	UJ	68	68	UJ
Chrysene	ug/kg	79	8		11	7.3	I	110	7.5	
Dibenzo(a,h)anthracene	ug/kg	23	8	I	7.3	7.3	U	26	7.5	I
Dibenzothiophene	ug/kg	8	8	U	7.3	7.3	U	7.5	7.5	U
Diethyl phthalate	ug/kg	72	72	U	66	66	UJ	68	68	UJ
Dimethyl phthalate	ug/kg	72	72	U	66	66	U	68	68	U
Di-n-butyl phthalate	ug/kg	430	430	U	400	400	U	410	410	U
Di-n-octyl phthalate	ug/kg	72	72	U	66	66	UJ	68	68	UJ
Fluoranthene	ug/kg	79	8		13	7.3	I	140	7.5	
Fluorene	ug/kg	8	8	U	7.3	7.3	U	7.5	7.5	U
Hexachlorobenzene	ug/kg	72	72	U	66	66	U	68	68	U
Hexachlorobutadiene	ug/kg	220	220	U	200	200	U	200	200	U
Hexachlorocyclopentadiene	ug/kg	72	72	UJ	66	66	U	68	68	U
Hexachloroethane	ug/kg	220	220	U	200	200	U	200	200	U

Table 2: Location 31 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	31-A	MDL	Remark	31-A Deep	MDL	Remark	31-B	MDL	Remark
Indeno(1,2,3-cd)pyrene	ug/kg	85	8		9.5	7.3	I	90	7.5	
Isophorone	ug/kg	72	72	U	66	66	U	68	68	U
Naphthalene	ug/kg	8	8	U	7.3	7.3	U	7.5	7.5	U
Nitrobenzene	ug/kg	72	72	U	66	66	U	68	68	U
N-Nitrosodimethylamine	ug/kg	430	430	U	400	400	U	410	410	U
N-Nitrosodi-n-propylamine	ug/kg	72	72	U	66	66	UJ	68	68	UJ
N-Nitrosodiphenylamine/ Diphenylamine	ug/kg	72	72	U	66	66	U	68	68	U
Pentachlorophenol	ug/kg	72	72	U	66	66	U	68	68	U
Phenanthrene	ug/kg	12	8	I	7.3	7.3	U	22	7.5	I
Phenol	ug/kg	72	72	U	66	66	U	68	68	U
Pyrene	ug/kg	66	8		14	7.3	I	130	7.5	
TRPH	mg/kg	21	12	I	11	11	U	12	12	U
Pesticides/Herbicides/PCBs	Units	31-A	MDL	Remark	31-A Deep	MDL	Remark	31-B	MDL	Remark
2,4,5-T	ug/kg	7.8	7.8	U						
2,4-D	ug/kg	7.8	7.8	U						
3-Hydroxycarbofuran	ug/kg	0.6	0.6	UJ						
Acifluorfen	ug/kg	7.8	7.8	U						
Aldicarb	ug/kg	0.6	0.6	UJ						
Aldicarb Sulfone	ug/kg	0.6	0.6	UJ						
Aldicarb Sulfoxide	ug/kg	0.6	0.6	UJ						
Carbaryl	ug/kg	0.6	0.6	UJ						
Carbofuran	ug/kg	0.6	0.6	UJ						
Diuron	ug/kg	7.1	7.1	U						
Imidacloprid	ug/kg	7.1	7.1	U						
Linuron	ug/kg	7.1	7.1	U						
Methiocarb	ug/kg	0.6	0.6	UJ						
Methomyl	ug/kg	0.6	0.6	UJ						
Oxamyl	ug/kg	0.6	0.6	UJ						
Propoxur	ug/kg	0.6	0.6	UJ						

Table 2: Location 31 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	31-A	MDL	Remark	31-A Deep	MDL	Remark	31-B	MDL	Remark
Silvex	ug/kg	7.8	7.8	U						
Alachlor	ug/kg	12	12	U	11	11	U	11	11	U
Aldrin	ug/Kg	0.4	0.4	U	0.37	0.37	U	0.38	0.38	U
Alpha-BHC	ug/Kg	0.4	0.4	U	0.37	0.37	U	0.38	0.38	U
Ametryn	ug/kg	2	2	U	1.8	1.8	U	1.9	1.9	U
Atrazine	ug/kg	2	2	U	1.8	1.8	U	1.9	1.9	U
Azinphos Methyl	ug/kg	6	6	U	5.5	5.5	U	5.6	5.6	U
Beta-BHC	ug/Kg	0.4	0.4	U	0.37	0.37	U	0.38	0.38	U
Bromacil	ug/kg	8	8	U	7.3	7.3	U	7.5	7.5	U
Chlordane	ug/Kg	82	6		11	5.5	I	16	5.6	I
Chlorpyrifos Ethyl	ug/kg	2	2	U	1.8	1.8	U	1.9	1.9	U
Chlorpyrifos Methyl	ug/kg	4	4	U	3.7	3.7	U	3.8	3.8	U
DDD-p,p'	ug/Kg	0.8	0.8	U	0.73	0.73	U	0.75	0.75	U
DDE-p,p'	ug/Kg	15	0.8		0.73	0.73	U	0.75	0.75	U
DDT-p,p'	ug/Kg	1.2	1.2	U	1.1	1.1	U	1.1	1.1	U
Delta-BHC	ug/Kg	0.8	0.8	U	0.73	0.73	U	0.75	0.75	U
Diazinon	ug/kg	2	2	U	1.8	1.8	U	1.9	1.9	U
Dieldrin	ug/Kg	2.4	0.4		0.37	0.37	U	0.38	0.38	U
Endosulfan I	ug/Kg	0.4	0.4	U	0.37	0.37	U	0.38	0.38	U
Endosulfan II	ug/Kg	0.4	0.4	U	0.37	0.37	U	0.38	0.38	U
Endosulfan Sulfate	ug/Kg	0.8	0.8	U	0.73	0.73	U	0.75	0.75	U
Endrin	ug/Kg	2	2	U	1.8	1.8	U	1.9	1.9	U
Endrin Aldehyde	ug/Kg	0.8	0.8	U	0.73	0.73	U	0.75	0.75	U
Ethion	ug/kg	2	2	U	1.8	1.8	U	1.9	1.9	U
Ethoprop	ug/kg	2	2	U	1.8	1.8	U	1.9	1.9	U
Fenamiphos	ug/kg	4	4	U	3.7	3.7	U	3.8	3.8	U
Fonofos	ug/kg	2	2	U	1.8	1.8	U	1.9	1.9	U
Gamma-BHC	ug/Kg	0.4	0.4	U	0.37	0.37	U	0.38	0.38	U
Heptachlor	ug/Kg	0.4	0.4	U	0.37	0.37	U	0.38	0.38	U

Table 2: Location 31 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	31-A	MDL	Remark	31-A Deep	MDL	Remark	31-B	MDL	Remark
Heptachlor Epoxide	ug/kg	0.4	0.4	U	0.37	0.37	U	0.38	0.38	U
Hexazinone	ug/kg	4	4	U	3.7	3.7	U	3.8	3.8	U
Malathion	ug/kg	4	4	U	3.7	3.7	U	3.8	3.8	U
Methamidophos	ug/kg	20	20	U	18	18	U	19	19	U
Methoxychlor	ug/kg	2	2	U	1.8	1.8	U	1.9	1.9	U
Metolachlor	ug/kg	12	12	U	11	11	U	11	11	U
Metribuzin	ug/kg	4	4	U	3.7	3.7	U	3.8	3.8	U
Mevinphos	ug/kg	8	8	U	7.3	7.3	U	7.5	7.5	U
Monocrotophos	ug/kg	20	20	U	18	18	U	19	19	U
Naled	ug/kg	16	16	UJ	15	15	UJ	15	15	UJ
Norflurazon	ug/kg	4	4	U	3.7	3.7	U	3.8	3.8	U
Parathion Ethyl	ug/kg	4	4	U	3.7	3.7	U	3.8	3.8	U
Parathion Methyl	ug/kg	4	4	U	3.7	3.7	U	3.8	3.8	U
PCB-1016	ug/Kg	12	12	U	11	11	U	11	11	U
PCB-1221	ug/Kg	8	8	U	7.3	7.3	U	7.5	7.5	U
PCB-1232	ug/Kg	18	18	U	16	16	U	17	17	U
PCB-1242	ug/Kg	12	12	U	11	11	U	11	11	U
PCB-1248	ug/Kg	8	8	U	7.3	7.3	U	7.5	7.5	U
PCB-1254	ug/Kg	8	8	U	7.3	7.3	U	7.5	7.5	U
PCB-1260	ug/Kg	12	12	U	11	11	U	11	11	U
Phorate	ug/kg	2	2	U	1.8	1.8	U	1.9	1.9	U
Prometryn	ug/kg	4	4	U	3.7	3.7	U	3.8	3.8	U
Simazine	ug/kg	2	2	U	1.8	1.8	U	1.9	1.9	U
Toxaphene	ug/Kg	30	30	U	27	27	U	28	28	U
Diquat	mg/Kg	0.048	0.048	U						
Paraquat	mg/Kg	0.06	0.06	UJ						
Metals	Units	31-A	MDL	Remark	31-A Deep	MDL	Remark	31-B	MDL	Remark
Mercury	mg/Kg	0.017	0.0042	I	0.01	0.0041	I	0.015	0.0043	I
Antimony	mg/Kg	0.16	0.16	UJ	0.14	0.14	U	0.14	0.14	U

Table 2: Location 31 Soil Sample Chemical Results

Metals	Units	31-A	MDL	Remark	31-A Deep	MDL	Remark	31-B	MDL	Remark
Arsenic	mg/Kg	0.76	0.064		0.25	0.055		0.29	0.056	
Barium	mg/Kg	12.9	0.064		5.46	0.055		6.56	0.056	
Beryllium	mg/Kg	0.18	0.026		0.103	0.022		0.091	0.022	
Cadmium	mg/Kg	0.036	0.032	I	0.027	0.027	U	0.05	0.028	I
Chromium	mg/Kg	6.2	0.16		4.39	0.14		4.41	0.14	
Cobalt	mg/Kg	0.571	0.013		0.342	0.011		0.424	0.011	
Copper	mg/Kg	8.02	0.16		1.57	0.14		4.99	0.14	
Lead	mg/Kg	3.41	0.24		2.39	0.21		2.25	0.21	
Nickel	mg/Kg	1.99	0.16		1.32	0.14		1.34	0.14	
Selenium	mg/Kg	0.35	0.096	I	0.15	0.082	I	0.23	0.084	I
Silver	mg/Kg	0.027	0.008	I	0.0069	0.0069	UJ	0.049	0.007	J
Thallium	mg/Kg	0.032	0.032	U	0.027	0.027	U	0.028	0.028	U
Zinc	mg/Kg	10.9	1.3		2.7	1.1	I	11.2	1.1	
Dioxins/Furans	Units	31-A	MDL	Remark	31-A Deep	MDL	Remark	31-B	MDL	Remark
1,2,3,4,6,7,8-HpCDD	ng/Kg	56.4	2.94	V						
1,2,3,4,6,7,8-HpCDF	ng/Kg	3.02	2.94							
1,2,3,4,7,8,9-HpCDF	ng/Kg	0.206	2.94	U						
1,2,3,4,7,8-HxCDD	ng/Kg	0.127	2.94	U						
1,2,3,4,7,8-HxCDF	ng/Kg	0.628	2.94	I						
1,2,3,6,7,8-HxCDD	ng/Kg	1.2	2.94	I						
1,2,3,6,7,8-HxCDF	ng/Kg	0.341	2.94	I						
1,2,3,7,8,9-HxCDD	ng/Kg	0.747	2.94	I						
1,2,3,7,8,9-HxCDF	ng/Kg	0.209	2.94	U						
1,2,3,7,8-PeCDD	ng/Kg	0.163	2.94	U						
1,2,3,7,8-PeCDF	ng/Kg	0.128	2.94	U						
2,3,4,6,7,8-HxCDF	ng/Kg	0.334	2.94	I						
2,3,4,7,8-PeCDF	ng/Kg	0.126	2.94	U						
2,3,7,8-TCDD	ng/Kg	0.2	1.17	U						
2,3,7,8-TCDF	ng/Kg	0.161	1.17	U						

Table 2: Location 31 Soil Sample Chemical Results

Dioxins/Furans	Units	31-A	MDL	Remark	31-A Deep	MDL	Remark	31-B	MDL	Remark
OCDD	ng/Kg	658	5.87	V						
OCDF	ng/Kg	7.95	5.87	V						
Total Hepta-Dioxins	ng/Kg	116	2.94							
Total Hepta-Furans	ng/Kg	7.22	2.94							
Total Hexa-Dioxins	ng/Kg	8.39	2.94							
Total Hexa-Furans	ng/Kg	3.74	2.94							
Total Penta-Dioxins	ng/Kg	0.163	2.94	U						
Total Penta-Furans	ng/Kg	0.562	2.94	I						
Total Tetra-Dioxins	ng/Kg	0.2	1.17	U						
Total Tetra-Furans	ng/Kg	0.161	1.17	U						
Calculated Total Toxicity Equivalents (TEQ)	Units	31-A			31-A Deep			31-B		
Dioxins as total 2,3,7,8-TCDD	ng/Kg	1.23								
Total Benzo(a)pyrene	mg/Kg	0.1			0.02			0.2		

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

Table 3: Location 31 Soil Sample Radionuclide Results

Radionuclides	Units	31-A	Remark	31-A Deep	Remark	31-B	Remark
Actinium-228	pCi/g	0.214	U	0.133	UJ	0.174	
Actinium-228 Uncertainty	pCi/g	0.118		0.0985		0.0676	
Alpha Uncertainty	pCi/g	2.69		2.16		2.88	
Alpha, Total	pCi/g	4.88		3.21	U	5.57	
Americium-241	pCi/g	0.0385	U	0.153	U	0.0921	U
Americium-241 Uncertainty	pCi/g	0.0214		0.0877		0.0487	
Antimony-124	pCi/g	0.189	U	0.0905	U	0.0638	U
Antimony-124 Uncertainty	pCi/g	0.113		0.0494		0.0406	
Antimony-125	pCi/g	0.098	U	0.0617	U	0.0433	U
Antimony-125 Uncertainty	pCi/g	0.0581		0.0352		0.0244	
Barium-133	pCi/g	0.0372	U	0.0291	U	0.0187	U
Barium-133 Uncertainty	pCi/g	0.0234		0.0178		0.0126	
Barium-140	pCi/g	5.25	U	3.69	U	2.43	U
Barium-140 Uncertainty	pCi/g	3.17		2.1		1.8	
Beryllium-7	pCi/g	0.559	U	0.43	U	0.291	U
Beryllium-7 Uncertainty	pCi/g	0.353		0.241		0.172	
Beta Uncertainty	pCi/g	2.1		2.27		3.15	
Beta, Total	pCi/g	3.65	U	3.58	U	5.07	U
Bismuth-212	pCi/g	0.54	U	0.315	U	0.239	U
Bismuth-212 Uncertainty	pCi/g	0.389		0.213		0.166	
Bismuth-214	pCi/g	0.187		0.217		0.165	
Bismuth-214 Uncertainty	pCi/g	0.0707		0.0587		0.041	
Cerium-139	pCi/g	0.0327	U	0.0258	U	0.0177	U
Cerium-139 Uncertainty	pCi/g	0.02		0.0148		0.00971	
Cerium-141	pCi/g	0.157	U	0.142	U	0.0969	U
Cerium-141 Uncertainty	pCi/g	0.0909		0.0779		0.0565	
Cerium-144	pCi/g	0.166	U	0.151	U	0.103	U
Cerium-144 Uncertainty	pCi/g	0.0896		0.0828		0.0599	

Table 3: Location 31 Soil Sample Radionuclide Results

Radionuclides	Units	31-A	Remark	31-A Deep	Remark	31-B	Remark
Cesium-134	pCi/g	0.0463	U	0.0283	U	0.0235	U
Cesium-134 Uncertainty	pCi/g	0.0252		0.0152		0.0138	
Cesium-136	pCi/g	1.96	U	1.05	U	0.934	U
Cesium-136 Uncertainty	pCi/g	1.08		0.635		0.515	
Cesium-137	pCi/g	0.0686	U	0.0244	U	0.0503	
Cesium-137 Uncertainty	pCi/g	0.034		0.0131		0.018	
Chromium-51	pCi/g	1.26	U	1.01	U	0.711	U
Chromium-51 Uncertainty	pCi/g	0.801		0.627		0.4	
Cobalt-56	pCi/g	0.0662	U	0.0391	U	0.0315	U
Cobalt-56 Uncertainty	pCi/g	0.04		0.0229		0.0176	
Cobalt-57	pCi/g	0.0216	U	0.0185	U	0.0139	U
Cobalt-57 Uncertainty	pCi/g	0.0123		0.0102		0.00801	
Cobalt-58	pCi/g	0.0689	U	0.0383	U	0.0259	U
Cobalt-58 Uncertainty	pCi/g	0.0409		0.0218		0.0165	
Cobalt-60	pCi/g	0.0414	U	0.0221	U	0.0181	U
Cobalt-60 Uncertainty	pCi/g	0.0233		0.0142		0.0106	
Europium-152	pCi/g	0.087	U	0.0662	U	0.0431	U
Europium-152 Uncertainty	pCi/g	0.0539		0.0408		0.0297	
Europium-154	pCi/g	0.1	U	0.059	U	0.046	U
Europium-154 Uncertainty	pCi/g	0.0653		0.033		0.0292	
Europium-155	pCi/g	0.0691	U	0.0707	U	0.0498	U
Europium-155 Uncertainty	pCi/g	0.0365		0.0388		0.0277	
Iridium-192	pCi/g	0.0543	U	0.0415	U	0.0276	U
Iridium-192 Uncertainty	pCi/g	0.0297		0.0224		0.0163	
Iron-59	pCi/g	0.146	U	0.101	U	0.0889	U
Iron-59 Uncertainty	pCi/g	0.096		0.0587		0.0473	
Lead-210	pCi/g	0.54	U	6.95	U	3.12	U
Lead-210 Uncertainty	pCi/g	0.269		3.59		1.62	

Table 3: Location 31 Soil Sample Radionuclide Results

Radionuclides	Units	31-A	Remark	31-A Deep	Remark	31-B	Remark
Lead-212	pCi/g	0.166		0.101		0.152	
Lead-212 Uncertainty	pCi/g	0.0634		0.0466		0.0284	
Lead-214	pCi/g	0.26		0.272		0.224	
Lead-214 Uncertainty	pCi/g	0.0787		0.0673		0.0492	
Manganese-54	pCi/g	0.0423	U	0.0234	U	0.017	U
Manganese-54 Uncertainty	pCi/g	0.0259		0.0146		0.0104	
Mercury-203	pCi/g	0.0769	U	0.0639	U	0.0398	U
Mercury-203 Uncertainty	pCi/g	0.0451		0.0424		0.0231	
Neodymium-147	pCi/g	18.6	U	11.7	U	8.18	U
Neodymium-147 Uncertainty	pCi/g	9.91		7.03		4.83	
Neptunium-239	pCi/g	0.235	U	0.251	U	0.185	U
Neptunium-239 Uncertainty	pCi/g	0.141		0.145		0.109	
Niobium-94	pCi/g	0.0347	U	0.0209	U	0.0148	U
Niobium-94 Uncertainty	pCi/g	0.0191		0.0119		0.00869	
Niobium-95	pCi/g	0.0682	U	0.0508	U	0.0322	U
Niobium-95 Uncertainty	pCi/g	0.042		0.0272		0.0191	
Potassium-40	pCi/g	0.327	UJ	0.264		0.376	
Potassium-40 Uncertainty	pCi/g	0.312		0.211		0.206	
Promethium-144	pCi/g	0.0374	U	0.0244	U	0.019	U
Promethium-144 Uncertainty	pCi/g	0.0215		0.0139		0.0101	
Promethium-146	pCi/g	0.0441	U	0.0291	U	0.0192	U
Promethium-146 Uncertainty	pCi/g	0.0252		0.0161		0.0107	
Radium-228	pCi/g	0.214	U	0.133	UJ	0.174	
Radium-228 Uncertainty	pCi/g	0.118		0.0985		0.0676	
Ruthenium-106	pCi/g	0.379	U	0.202	U	0.154	U
Ruthenium-106 Uncertainty	pCi/g	0.204		0.117		0.0948	
Silver-110m	pCi/g	0.0628	U	0.0292	U	0.0251	U
Silver-110m Uncertainty	pCi/g	0.0323		0.0199		0.0149	

Table 3: Location 31 Soil Sample Radionuclide Results

Radionuclides	Units	31-A	Remark	31-A Deep	Remark	31-B	Remark
Sodium-22	pCi/g	0.0357	U	0.0215	U	0.0167	U
Sodium-22 Uncertainty	pCi/g	0.0244		0.0121		0.0106	
Thallium-208	pCi/g	0.0999		0.033		0.042	
Thallium-208 Uncertainty	pCi/g	0.0403		0.0232		0.0166	
Thorium-234	pCi/g	0.546	U	1.35	U	0.811	U
Thorium-234 Uncertainty	pCi/g	0.289		0.772		0.507	
Tin-113	pCi/g	0.0597	U	0.0432	U	0.0273	U
Tin-113 Uncertainty	pCi/g	0.0343		0.0241		0.0152	
Uranium-235	pCi/g	0.165	U	0.14	U	0.0981	U
Uranium-235 Uncertainty	pCi/g	0.0946		0.0907		0.0661	
Uranium-238	pCi/g	0.546	U	1.35	U	0.811	U
Uranium-238 Uncertainty	pCi/g	0.289		0.772		0.507	
Yttrium-88	pCi/g	0.0572	U	0.0284	U	0.0254	U
Yttrium-88 Uncertainty	pCi/g	0.0346		0.0193		0.0149	
Zinc-65	pCi/g	0.0533	U	0.0518	U	0.0414	U
Zinc-65 Uncertainty	pCi/g	0.0629		0.0375		0.0286	
Zirconium-95	pCi/g	0.142	U	0.076	U	0.0562	U
Zirconium-95 Uncertainty	pCi/g	0.0751		0.0433		0.0327	