

**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
Page Two
July 19, 2010

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

Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

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 32

Table 1: Summary of Residential SCTL Exceedances in Soil Samples Collected from Location 32
March/April 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation

Analyte	Residential SCTL	32-A	32-A Deep	32-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 32 Soil Sample Chemical Results

Volatile Organic Compounds	Units	32-A	MDL	Remark	32-A Deep	MDL	Remark	32-B	MDL	Remark
1,1,1-Trichloroethane	ug/kg	5	5	U	4.8	4.8	U	5.2	5.2	U
1,1,2,2-Tetrachloroethane	ug/kg	13	13	U	12	12	U	13	13	U
1,1,2-Trichloroethane	ug/kg	5	5	U	4.8	4.8	U	5.2	5.2	U
1,1-Dichloroethane	ug/kg	5	5	U	4.8	4.8	U	5.2	5.2	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	5	U	4.8	4.8	U	5.2	5.2	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	5	U	4.8	4.8	U	5.2	5.2	U
Bromodichloromethane	ug/kg	5	5	U	4.8	4.8	U	5.2	5.2	U
Bromoform	ug/kg	13	13	U	12	12	U	13	13	U
Bromomethane	ug/kg	13	13	U	12	12	U	13	13	U
Carbon tetrachloride	ug/kg	5	5	U	4.8	4.8	U	5.2	5.2	U
Chlorobenzene	ug/kg	5	5	U	4.8	4.8	U	5.2	5.2	U
Chloroethane	ug/kg	13	13	U	12	12	U	13	13	U
Chloroform	ug/kg	5	5	U	4.8	4.8	U	5.2	5.2	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	U	12	12	U	13	13	U
Dibromochloromethane	ug/kg	5	5	U	4.8	4.8	U	5.2	5.2	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	U	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	5	U	4.8	4.8	U	5.2	5.2	U

Table 2: Location 32 Soil Sample Chemical Results

Volatile Organic Compounds	Units	32-A	MDL	Remark	32-A Deep	MDL	Remark	32-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	5	U	4.8	4.8	U	5.2	5.2	U
Trichloroethene	ug/kg	5	5	U	4.8	4.8	U	5.2	5.2	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	32-A	MDL	Remark	32-A Deep	MDL	Remark	32-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	7.4	7.4	U	7.5	7.5	U
1-Methylphenanthrene	ug/kg	8	8	U	7.4	7.4	U	7.5	7.5	U
2,3,5-Trimethylnaphthalene	ug/kg	8	8	U	7.4	7.4	U	7.5	7.5	U
2,4,6-Trichlorophenol	ug/kg	72	72	U	67	67	U	67	67	U
2,4-Dichlorophenol	ug/kg	72	72	U	67	67	U	67	67	U
2,4-Dimethylphenol	ug/kg	430	430	U	400	400	U	400	400	U
2,4-Dinitrophenol	ug/kg	430	430	UJ	400	400	UJ	400	400	UJ
2,4-Dinitrotoluene	ug/kg	72	72	U	67	67	U	67	67	U
2,6-Dimethylnaphthalene	ug/kg	8	8	U	7.4	7.4	U	7.5	7.5	U
2,6-Dinitrotoluene	ug/kg	72	72	U	67	67	U	67	67	U
2-Chloronaphthalene	ug/kg	72	72	U	67	67	U	67	67	U
2-Chlorophenol	ug/kg	220	220	U	200	200	U	200	200	U
2-Methyl-4,6-dinitrophenol	ug/kg	72	72	U	67	67	U	67	67	U
2-Methylnaphthalene	ug/Kg	8	8	U	7.4	7.4	U	7.5	7.5	U
2-Nitrophenol	ug/kg	72	72	U	67	67	U	67	67	U
3,3'-Dichlorobenzidine	ug/kg	4.30E+03	4.30E+03	UJ	4.00E+03	4.00E+03	UJ	4.00E+03	4.00E+03	UJ
4-Bromophenyl phenyl ether	ug/kg	72	72	U	67	67	U	67	67	U
4-Chloro-3-methylphenol	ug/kg	72	72	U	67	67	U	67	67	U
4-Chlorophenyl phenyl ether	ug/kg	72	72	U	67	67	U	67	67	U
4-Nitrophenol	ug/kg	72	72	U	67	67	U	67	67	U

Table 2: Location 32 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	32-A	MDL	Remark	32-A Deep	MDL	Remark	32-B	MDL	Remark
Acenaphthene	ug/kg	8	8	U	7.4	7.4	U	7.5	7.5	U
Acenaphthylene	ug/kg	8	8	U	7.4	7.4	U	7.5	7.5	U
Anthracene	ug/kg	8	8	U	7.4	7.4	U	7.5	7.5	U
Azobenzene/1,2-Diphenylhydrazine	ug/kg	72	72	U	67	67	U	67	67	U
Benzidine	ug/kg	1.60E+03	1.60E+03	UJ	1.30E+03	1.30E+03	U	1.50E+03	1.50E+03	U
Benzo(a)anthracene	ug/kg	8	8	U	7.4	7.4	U	11	7.5	I
Benzo(a)pyrene	ug/kg	8	8	U	7.4	7.4	U	16	7.5	I
Benzo(b)fluoranthene	ug/kg	8	8	U	7.4	7.4	U	26	7.5	I
Benzo(g,h,i)perylene	ug/kg	8	8	U	7.4	7.4	U	11	7.5	I
Benzo(k)fluoranthene	ug/kg	8	8	U	7.4	7.4	U	7.8	7.5	I
Biphenyl	ug/kg	8	8	U	7.4	7.4	U	7.5	7.5	U
Bis(2-chloroethoxy)methane	ug/kg	72	72	U	67	67	U	67	67	U
Bis(2-chloroethyl)ether	ug/kg	72	72	U	67	67	U	67	67	U
Bis(2-chloroisopropyl)ether	ug/kg	72	72	U	67	67	U	67	67	U
Bis(2-ethylhexyl)phthalate	ug/kg	430	430	I	2.50E+03	2.50E+03	U	2.50E+03	2.50E+03	U
Butyl benzyl phthalate	ug/kg	72	72	U	67	67	U	67	67	U
Chrysene	ug/kg	8	8	U	7.4	7.4	U	14	7.5	I
Dibenzo(a,h)anthracene	ug/kg	8	8	U	7.4	7.4	U	7.5	7.5	U
Dibenzothiophene	ug/kg	8	8	U	7.4	7.4	U	7.5	7.5	U
Diethyl phthalate	ug/kg	72	72	U	67	67	U	67	67	U
Dimethyl phthalate	ug/kg	72	72	U	17	17	U	67	67	U
Di-n-butyl phthalate	ug/kg	430	430	U	400	400	U	400	400	U
Di-n-octyl phthalate	ug/kg	72	72	U	67	67	U	67	67	U
Fluoranthene	ug/kg	8	8	U	7.4	7.4	U	18	7.5	I
Fluorene	ug/kg	8	8	U	7.4	7.4	U	7.5	7.5	U
Hexachlorobenzene	ug/kg	72	72	U	67	67	U	67	67	U
Hexachlorobutadiene	ug/kg	220	220	U	200	200	U	200	200	U
Hexachlorocyclopentadiene	ug/kg	72	72	U	67	67	U	67	67	U
Hexachloroethane	ug/kg	220	220	U	200	200	U	200	200	U

Table 2: Location 32 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	32-A	MDL	Remark	32-A Deep	MDL	Remark	32-B	MDL	Remark
Indeno(1,2,3-cd)pyrene	ug/kg	8	8	U	7.4	7.4	U	9.7	7.5	I
Isophorone	ug/kg	72	72	U	6.7	6.7	U	67	67	U
Naphthalene	ug/kg	8	8	U	7.4	7.4	U	7.5	7.5	U
Nitrobenzene	ug/kg	72	72	U	67	67	U	67	67	U
N-Nitrosodimethylamine	ug/kg	430	430	U	400	400	U	400	400	U
N-Nitrosodi-n-propylamine	ug/kg	72	72	U	67	67	U	67	67	U
N-Nitrosodiphenylamine/ Diphenylamine	ug/kg	72	72	U	67	67	U	67	67	U
Pentachlorophenol	ug/kg	72	72	U	67	67	U	67	67	U
Phenanthrene	ug/kg	8	8	U	7.4	7.4	U	7.5	7.5	U
Phenol	ug/kg	72	72	U	67	67	U	67	67	U
Pyrene	ug/kg	8	8	U	7.4	7.4	U	15	7.5	I
TRPH	mg/kg	12	12	U	12	12	U	12	12	U
Pesticides/Herbicides/PCBs	Units	32-A	MDL	Remark	32-A Deep	MDL	Remark	32-B	MDL	Remark
2,4,5-T	ug/kg	7.8	7.8	U						
2,4-D	ug/kg	7.8	7.8	UJ						
3-Hydroxycarbofuran	ug/kg	0.6	0.6	UJ						
Acifluorfen	ug/kg	7.8	7.8	UJ						
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 32 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	32-A	MDL	Remark	32-A Deep	MDL	Remark	32-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	0.37	0.37	U
Alpha-BHC	ug/Kg	0.4	0.4	U	0.37	0.37	U	0.37	0.37	U
Ametryn	ug/kg	2	2	U	1.9	1.9	U	1.9	1.9	U
Atrazine	ug/kg	2	2	U	1.9	1.9	U	1.9	1.9	U
Azinphos Methyl	ug/kg	6	6	UJ	5.6	5.6	U	5.6	5.6	U
Beta-BHC	ug/Kg	0.4	0.4	U	0.37	0.37	U	0.37	0.37	U
Bromacil	ug/kg	8	8	U	7.4	7.4	U	7.5	7.5	U
Chlordane	ug/Kg	6	6	U	5.6	5.6	U	300	5.6	
Chlorpyrifos Ethyl	ug/kg	47	2		3.1	1.9	I	1.9	1.9	U
Chlorpyrifos Methyl	ug/kg	4	4	U	3.7	3.7	U	3.7	3.7	U
DDD-p,p'	ug/Kg	0.8	0.8	U	0.74	0.74	U	0.75	0.75	U
DDE-p,p'	ug/Kg	0.8	0.8	U	0.74	0.74	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	0.74	0.74	U	0.75	0.75	U
Diazinon	ug/kg	2	2	U	1.9	1.9	U	1.9	1.9	U
Dieldrin	ug/Kg	0.4	0.4	U	0.37	0.37	U	0.37	0.37	U
Endosulfan I	ug/Kg	0.4	0.4	U	0.37	0.37	U	0.37	0.37	U
Endosulfan II	ug/Kg	0.4	0.4	U	0.37	0.37	U	0.37	0.37	U
Endosulfan Sulfate	ug/Kg	0.8	0.8	U	0.74	0.74	U	0.75	0.75	U
Endrin	ug/Kg	2	2	U	1.9	1.9	U	1.9	1.9	U
Endrin Aldehyde	ug/Kg	0.8	0.8	U	0.74	0.74	U	0.75	0.75	U
Ethion	ug/kg	2	2	U	1.9	1.9	U	1.9	1.9	U
Ethoprop	ug/kg	2	2	U	1.9	1.9	UJ	1.9	1.9	UJ
Fenamiphos	ug/kg	8	8	U	7.4	7.4	U	7.5	7.5	U
Fonofos	ug/kg	2	2	U	1.9	1.9	U	1.9	1.9	U
Gamma-BHC	ug/Kg	0.4	0.4	U	0.37	0.37	U	0.37	0.37	U
Heptachlor	ug/Kg	0.4	0.4	UJ	0.37	0.37	U	0.37	0.37	U

Table 2: Location 32 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	32-A	MDL	Remark	32-A Deep	MDL	Remark	32-B	MDL	Remark
Heptachlor Epoxide	ug/kg	0.4	0.4	U	0.37	0.37	U	0.37	0.37	U
Hexazinone	ug/kg	4	4	UJ	3.7	3.7	UJ	3.7	3.7	UJ
Malathion	ug/kg	4	4	U	3.7	3.7	U	3.7	3.7	U
Methamidophos	ug/kg	20	20	U	19	19	U	19	19	U
Methoxychlor	ug/kg	2	2	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	4	4	U	3.7	3.7	U	3.7	3.7	U
Mevinphos	ug/kg	8	8	U	7.4	7.4	U	7.5	7.5	U
Monocrotophos	ug/kg	20	20	UJ	19	19	U	19	19	U
Naled	ug/kg	16	16	U	15	15	U	15	15	U
Norflurazon	ug/kg	4	4	UJ	3.7	3.7	UJ	3.7	3.7	UJ
Parathion Ethyl	ug/kg	4	4	U	3.7	3.7	U	3.7	3.7	U
Parathion Methyl	ug/kg	4	4	U	3.7	3.7	U	3.7	3.7	U
PCB-1016	ug/Kg	12	12	U	11	11	U	11	11	U
PCB-1221	ug/Kg	8	8	U	7.4	7.4	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	8	8	U	7.4	7.4	U	7.5	7.5	U
PCB-1254	ug/Kg	8	8	U	7.4	7.4	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	1.9	1.9	U	1.9	1.9	U
Prometryn	ug/kg	4	4	U	3.7	3.7	U	3.7	3.7	U
Simazine	ug/kg	2	2	U	1.9	1.9	U	1.9	1.9	U
Toxaphene	ug/Kg	30	30	U	28	28	U	28	28	U
Diquat	mg/Kg	0.048	0.048	U						
Paraquat	mg/Kg	0.06	0.06	U						
Metals	Units	32-A	MDL	Remark	32-A Deep	MDL	Remark	32-B	MDL	Remark
Mercury	mg/Kg	0.014	0.0059	I	0.0097	0.0055	I	0.02	0.0052	I
Antimony	mg/Kg	0.25	0.25	U	0.24	0.24	U	0.24	0.24	U

Table 2: Location 32 Soil Sample Chemical Results

Metals	Units	32-A	MDL	Remark	32-A Deep	MDL	Remark	32-B	MDL	Remark
Arsenic	mg/Kg	1.09	0.099		0.64	0.098		0.68	0.097	
Barium	mg/Kg	11.7	0.099		7.95	0.098		8.24	0.097	
Beryllium	mg/Kg	0.15	0.04	I	0.12	0.039	I	0.086	0.039	I
Cadmium	mg/Kg	0.05	0.05	U	0.049	0.049	U	0.048	0.048	U
Chromium	mg/Kg	4.81	0.25		4.67	0.24		5.11	0.24	
Cobalt	mg/Kg	0.45	0.02		0.437	0.02		0.454	0.019	
Copper	mg/Kg	4.52	0.25		0.72	0.24	I	10.9	0.24	
Lead	mg/Kg	2.3	0.37		1.9	0.37	I	2.9	0.36	
Nickel	mg/Kg	1.5	0.25		1.23	0.24		1.29	0.24	
Selenium	mg/Kg	0.15	0.15	I	0.15	0.15	U	0.25	0.14	I
Silver	mg/Kg	0.012	0.012	U	0.012	0.012	U	0.019	0.012	I
Thallium	mg/Kg	0.05	0.05	U	0.049	0.049	U	0.048	0.048	U
Zinc	mg/Kg	19.5	2		2	2	U	16.4	1.9	
Dioxins/Furans	Units	32-A	MDL	Remark	32-A Deep	MDL	Remark	32-B	MDL	Remark
1,2,3,4,6,7,8-HpCDD	ng/Kg	3.71	2.81							
1,2,3,4,6,7,8-HpCDF	ng/Kg	0.444	2.81	IJ						
1,2,3,4,7,8,9-HpCDF	ng/Kg	0.0928	2.81	U						
1,2,3,4,7,8-HxCDD	ng/Kg	0.0843	2.81	U						
1,2,3,4,7,8-HxCDF	ng/Kg	0.0784	2.81	U						
1,2,3,6,7,8-HxCDD	ng/Kg	0.0757	2.81	U						
1,2,3,6,7,8-HxCDF	ng/Kg	0.0741	2.81	U						
1,2,3,7,8,9-HxCDD	ng/Kg	0.08	2.81	U						
1,2,3,7,8,9-HxCDF	ng/Kg	0.0997	2.81	U						
1,2,3,7,8-PeCDD	ng/Kg	0.104	2.81	U						
1,2,3,7,8-PeCDF	ng/Kg	0.115	2.81	U						
2,3,4,6,7,8-HxCDF	ng/Kg	0.0852	2.81	U						
2,3,4,7,8-PeCDF	ng/Kg	0.114	2.81	U						
2,3,7,8-TCDD	ng/Kg	0.15	1.13	U						
2,3,7,8-TCDF	ng/Kg	0.174	1.13	U						

Table 2: Location 32 Soil Sample Chemical Results

Dioxins/Furans	Units	32-A	MDL	Remark	32-A Deep	MDL	Remark	32-B	MDL	Remark
OCDD	ng/Kg	27.7	5.63	V						
OCDF	ng/Kg	1.38	5.63	I						
Total Hepta-Dioxins	ng/Kg	9.73	2.81							
Total Hepta-Furans	ng/Kg	0.824	2.81	I						
Total Hexa-Dioxins	ng/Kg	0.682	2.81	I						
Total Hexa-Furans	ng/Kg	0.296	2.81	I						
Total Penta-Dioxins	ng/Kg	0.104	2.81	U						
Total Penta-Furans	ng/Kg	0.114	2.81	U						
Total Tetra-Dioxins	ng/Kg	0.872	1.13	I						
Total Tetra-Furans	ng/Kg	0.588	1.13	I						
Calculated Total Toxicity Equivalents (TEQ)	Units	32-A			32-A Deep			32-B		
Dioxins as total 2,3,7,8-TCDD	ng/Kg	0.241								
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 32 Soil Sample Radionuclide Results

Radionuclides	Units	32-A	Remark	32-A Deep	Remark	32-B	Remark
Actinium-228	pCi/g	0.263		0.256		0.227	UJ
Actinium-228 Uncertainty	pCi/g	0.129		0.129		0.146	
Alpha Uncertainty	pCi/g	2.85		2.46		2.5	
Alpha, Total	pCi/g	4.78		4.47		3.49	U
Americium-241	pCi/g	0.173	U	0.112	U	0.137	U
Americium-241 Uncertainty	pCi/g	0.0928		0.0592		0.0764	
Antimony-124	pCi/g	0.0812	U	0.0823	U	0.135	U
Antimony-124 Uncertainty	pCi/g	0.048		0.0468		0.0745	
Antimony-125	pCi/g	0.0633	U	0.0771	U	0.0917	U
Antimony-125 Uncertainty	pCi/g	0.0403		0.0449		0.0504	
Barium-133	pCi/g	0.0343	U	0.0374	U	0.0368	U
Barium-133 Uncertainty	pCi/g	0.023		0.0241		0.0234	
Barium-140	pCi/g	0.739	U	0.813	U	1.03	U
Barium-140 Uncertainty	pCi/g	0.472		0.454		0.566	
Beryllium-7	pCi/g	0.345	U	0.37	U	0.483	U
Beryllium-7 Uncertainty	pCi/g	0.191		0.231		0.255	
Beta Uncertainty	pCi/g	2.9		1.52		2.07	
Beta, Total	pCi/g	4.73	U	2.71	U	3.14	U
Bismuth-212	pCi/g	0.445	U	0.481	U	0.479	U
Bismuth-212 Uncertainty	pCi/g	0.265		0.289		0.264	
Bismuth-214	pCi/g	0.169		0.352		0.136	UJ
Bismuth-214 Uncertainty	pCi/g	0.0765		0.0851		0.0772	
Cerium-139	pCi/g	0.0275	U	0.0312	U	0.0285	U
Cerium-139 Uncertainty	pCi/g	0.0156		0.0177		0.0173	
Cerium-141	pCi/g	0.0891	U	0.0987	U	0.0965	U
Cerium-141 Uncertainty	pCi/g	0.051		0.057		0.0544	
Cerium-144	pCi/g	0.189	U	0.198	U	0.169	U
Cerium-144 Uncertainty	pCi/g	0.106		0.104		0.107	

Table 3: Location 32 Soil Sample Radionuclide Results

Radionuclides	Units	32-A	Remark	32-A Deep	Remark	32-B	Remark
Cesium-134	pCi/g	0.0409	U	0.0429	U	0.0449	U
Cesium-134 Uncertainty	pCi/g	0.0233		0.0253		0.0277	
Cesium-136	pCi/g	0.26	U	0.274	U	0.347	U
Cesium-136 Uncertainty	pCi/g	0.158		0.156		0.192	
Cesium-137	pCi/g	0.037	U	0.0319	U	0.0391	
Cesium-137 Uncertainty	pCi/g	0.019		0.0182		0.0224	
Chromium-51	pCi/g	0.603	U	0.579	U	0.616	U
Chromium-51 Uncertainty	pCi/g	0.33		0.333		0.358	
Cobalt-56	pCi/g	0.0404	U	0.039	U	0.0442	U
Cobalt-56 Uncertainty	pCi/g	0.0242		0.0235		0.0249	
Cobalt-57	pCi/g	0.0245	U	0.0259	U	0.0236	U
Cobalt-57 Uncertainty	pCi/g	0.0138		0.014		0.013	
Cobalt-58	pCi/g	0.0362	U	0.032	U	0.0415	U
Cobalt-58 Uncertainty	pCi/g	0.0227		0.0208		0.0232	
Cobalt-60	pCi/g	0.0297	U	0.0298	U	0.036	U
Cobalt-60 Uncertainty	pCi/g	0.0173		0.0188		0.0223	
Europium-152	pCi/g	0.0853	U	0.0853	U	0.0886	U
Europium-152 Uncertainty	pCi/g	0.0579		0.0581		0.0581	
Europium-154	pCi/g	0.0927	U	0.0774	U	0.111	U
Europium-154 Uncertainty	pCi/g	0.0517		0.0517		0.0652	
Europium-155	pCi/g	0.101	U	0.0923	U	0.0928	U
Europium-155 Uncertainty	pCi/g	0.054		0.0506		0.0532	
Iridium-192	pCi/g	0.035	U	0.0427	U	0.0446	U
Iridium-192 Uncertainty	pCi/g	0.0211		0.0225		0.0252	
Iron-59	pCi/g	0.0964	U	0.0908	U	0.0935	U
Iron-59 Uncertainty	pCi/g	0.0541		0.0536		0.0539	
Lead-210	pCi/g	5.93	U	2.59	U	4.79	U
Lead-210 Uncertainty	pCi/g	3.05		1.42		2.73	

Table 3: Location 32 Soil Sample Radionuclide Results

Radionuclides	Units	32-A	Remark	32-A Deep	Remark	32-B	Remark
Lead-212	pCi/g	0.203		0.0862	UJ	0.148	
Lead-212 Uncertainty	pCi/g	0.0621		0.0497		0.0485	
Lead-214	pCi/g	0.198		0.422		0.296	
Lead-214 Uncertainty	pCi/g	0.074		0.0959		0.0982	
Manganese-54	pCi/g	0.0313	U	0.033	U	0.0378	U
Manganese-54 Uncertainty	pCi/g	0.0184		0.0188		0.0218	
Mercury-203	pCi/g	0.0459	U	0.0517	U	0.0553	U
Mercury-203 Uncertainty	pCi/g	0.0269		0.0295		0.0303	
Neodymium-147	pCi/g	1.87	U	2.1	U	2.27	U
Neodymium-147 Uncertainty	pCi/g	1.09		1.15		1.49	
Neptunium-239	pCi/g	0.343	U	0.354	U	0.35	U
Neptunium-239 Uncertainty	pCi/g	0.195		0.199		0.195	
Niobium-94	pCi/g	0.0291	U	0.0298	U	0.035	U
Niobium-94 Uncertainty	pCi/g	0.0163		0.0171		0.0203	
Niobium-95	pCi/g	0.0454	U	0.0435	U	0.0552	U
Niobium-95 Uncertainty	pCi/g	0.0254		0.0248		0.0338	
Potassium-40	pCi/g	0.545	UJ	0.503		0.557	U
Potassium-40 Uncertainty	pCi/g	0.276		0.285		0.278	
Promethium-144	pCi/g	0.0313	U	0.0314	U	0.0422	U
Promethium-144 Uncertainty	pCi/g	0.0177		0.0196		0.0233	
Promethium-146	pCi/g	0.0354	U	0.0375	U	0.0489	U
Promethium-146 Uncertainty	pCi/g	0.0195		0.0204		0.0272	
Radium-228	pCi/g	0.263		0.256		0.227	UJ
Radium-228 Uncertainty	pCi/g	0.129		0.129		0.146	
Ruthenium-106	pCi/g	0.261	U	0.265	U	0.333	U
Ruthenium-106 Uncertainty	pCi/g	0.155		0.158		0.197	
Silver-110m	pCi/g	0.0436	U	0.0438	U	0.0521	U
Silver-110m Uncertainty	pCi/g	0.024		0.0254		0.029	

Table 3: Location 32 Soil Sample Radionuclide Results

Radionuclides	Units	32-A	Remark	32-A Deep	Remark	32-B	Remark
Sodium-22	pCi/g	0.0331	U	0.0273	U	0.0395	U
Sodium-22 Uncertainty	pCi/g	0.0185		0.0183		0.0228	
Thallium-208	pCi/g	0.0657		0.068		0.0547	U
Thallium-208 Uncertainty	pCi/g	0.0287		0.0317		0.0274	
Thorium-234	pCi/g	1.5	U	1.11	U	1.46	U
Thorium-234 Uncertainty	pCi/g	0.853		0.589		0.779	
Tin-113	pCi/g	0.0427	U	0.0454	U	0.0472	U
Tin-113 Uncertainty	pCi/g	0.024		0.0255		0.0275	
Uranium-235	pCi/g	0.181	U	0.197	U	0.187	U
Uranium-235 Uncertainty	pCi/g	0.107		0.112		0.108	
Uranium-238	pCi/g	1.5	U	1.11	U	1.46	U
Uranium-238 Uncertainty	pCi/g	0.853		0.589		0.779	
Yttrium-88	pCi/g	0.0337	U	0.0381	U	0.0522	U
Yttrium-88 Uncertainty	pCi/g	0.0215		0.0203		0.0292	
Zinc-65	pCi/g	0.0655	U	0.0675	U	0.08	U
Zinc-65 Uncertainty	pCi/g	0.0466		0.0466		0.053	
Zirconium-95	pCi/g	0.0804	U	0.0675	U	0.0824	U
Zirconium-95 Uncertainty	pCi/g	0.0451		0.0411		0.0494	

Location 33

Table 1: Summary of Residential SCTL Exceedances in Soil Samples Collected from Location 33
March/April 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation

Analyte	Residential SCTL	33-A	33-A Deep	33-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 33 Soil Sample Chemical Results

Volatile Organic Compounds	Units	33-A	MDL	Remark	33-A Deep	MDL	Remark	33-B	MDL	Remark
1,1,1-Trichloroethane	ug/kg	4.5	4.5	U	4.8	4.8	U	9.5	9.5	U
1,1,2,2-Tetrachloroethane	ug/kg	11	11	U	12	12	U	24	24	U
1,1,2-Trichloroethane	ug/kg	4.5	4.5	U	4.8	4.8	U	9.5	9.5	U
1,1-Dichloroethane	ug/kg	4.5	4.5	U	4.8	4.8	U	9.5	9.5	U
1,1-Dichloroethene	ug/kg	11	11	U	12	12	U	24	24	U
1,2-Dichlorobenzene	ug/kg	11	11	U	12	12	U	24	24	U
1,2-Dichloroethane	ug/kg	4.5	4.5	U	4.8	4.8	U	9.5	9.5	U
1,2-Dichloropropane	ug/kg	11	11	U	12	12	U	24	24	U
1,3-Dichlorobenzene	ug/kg	11	11	U	12	12	U	24	24	U
1,4-Dichlorobenzene	ug/kg	11	11	U	12	12	U	24	24	U
2-Butanone	ug/kg	110	110	U	120	120	U	240	240	U
2-Chloroethylvinyl ether	ug/kg	11	11	U	12	12	U	24	24	U
Benzene	ug/kg	4.5	4.5	U	4.8	4.8	U	9.5	9.5	U
Bromodichloromethane	ug/kg	4.5	4.5	U	4.8	4.8	U	9.5	9.5	U
Bromoform	ug/kg	11	11	UJ	12	12	UJ	24	24	UJ
Bromomethane	ug/kg	11	11	U	12	12	U	24	24	U
Carbon tetrachloride	ug/kg	4.5	4.5	U	4.8	4.8	U	9.5	9.5	U
Chlorobenzene	ug/kg	4.5	4.5	U	4.8	4.8	U	9.5	9.5	U
Chloroethane	ug/kg	11	11	U	12	12	U	24	24	U
Chloroform	ug/kg	4.5	4.5	U	4.8	4.8	U	9.5	9.5	U
Chloromethane	ug/kg	11	11	U	12	12	U	24	24	U
cis-1,2-Dichloroethene	ug/kg	11	11	U	12	12	U	24	24	U
cis-1,3-Dichloropropene	ug/kg	11	11	U	12	12	U	24	24	U
Dibromochloromethane	ug/kg	4.5	4.5	U	4.8	4.8	U	9.5	9.5	U
Ethylbenzene	ug/kg	11	11	U	12	12	U	24	24	U
m,p-Xylene	ug/kg	11	11	U	12	12	U	24	24	U
Methylene chloride	ug/kg	11	11	U	12	12	U	24	24	U
Methyl-t-butyl ether	ug/kg	11	11	U	12	12	U	24	24	U
o-Xylene	ug/kg	4.5	4.5	U	4.8	4.8	U	9.5	9.5	U

Table 2: Location 33 Soil Sample Chemical Results

Volatile Organic Compounds	Units	33-A	MDL	Remark	33-A Deep	MDL	Remark	33-B	MDL	Remark
Tetrachloroethene	ug/kg	11	11	U	12	12	U	24	24	U
Toluene	ug/kg	11	11	U	12	12	U	24	24	U
trans-1,2-Dichloroethene	ug/kg	11	11	U	12	12	U	24	24	U
trans-1,3-Dichloropropene	ug/kg	4.5	4.5	U	4.8	4.8	U	9.5	9.5	U
Trichloroethene	ug/kg	4.5	4.5	U	4.8	4.8	U	9.5	9.5	U
Trichlorofluoromethane	ug/kg	11	11	U	12	12	U	24	24	U
Vinyl chloride	ug/kg	11	11	U	12	12	U	24	24	U
Semi-Volatile Organic Compounds	Units	33-A	MDL	Remark	33-A Deep	MDL	Remark	33-B	MDL	Remark
1,2,4-Trichlorobenzene	ug/kg	190	190	U	190	190	U	190	190	U
1-Methylnaphthalene	ug/kg	7.1	7.1	U	7.1	7.1	U	6.9	6.9	U
1-Methylphenanthrene	ug/kg	7.1	7.1	U	7.1	7.1	U	6.9	6.9	U
2,3,5-Trimethylnaphthalene	ug/kg	7.1	7.1	U	7.1	7.1	U	6.9	6.9	U
2,4,6-Trichlorophenol	ug/kg	64	64	U	64	64	U	63	63	U
2,4-Dichlorophenol	ug/kg	64	64	U	64	64	U	63	63	U
2,4-Dimethylphenol	ug/kg	390	390	U	380	380	U	380	380	U
2,4-Dinitrophenol	ug/kg	390	390	UJ	380	380	UJ	380	380	UJ
2,4-Dinitrotoluene	ug/kg	64	64	U	64	64	U	63	63	U
2,6-Dimethylnaphthalene	ug/kg	7.1	7.1	U	7.1	7.1	U	6.9	6.9	U
2,6-Dinitrotoluene	ug/kg	64	64	U	64	64	U	63	63	U
2-Chloronaphthalene	ug/kg	64	64	U	64	64	U	63	63	U
2-Chlorophenol	ug/kg	190	190	U	190	190	U	190	190	U
2-Methyl-4,6-dinitrophenol	ug/kg	64	64	U	64	64	U	63	63	U
2-Methylnaphthalene	ug/Kg	7.1	7.1	U	7.1	7.1	U	6.9	6.9	U
2-Nitrophenol	ug/kg	64	64	U	64	64	U	63	63	U
3,3'-Dichlorobenzidine	ug/kg	3.90E+03	3.90E+03	UJ	3.80E+03	3.80E+03	UJ	3.80E+03	3.80E+03	UJ
4-Bromophenyl phenyl ether	ug/kg	64	64	U	64	64	U	63	63	U
4-Chloro-3-methylphenol	ug/kg	64	64	U	64	64	U	63	63	U
4-Chlorophenyl phenyl ether	ug/kg	64	64	U	64	64	U	63	63	U
4-Nitrophenol	ug/kg	64	64	U	64	64	U	63	63	U

Table 2: Location 33 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	33-A	MDL	Remark	33-A Deep	MDL	Remark	33-B	MDL	Remark
Acenaphthene	ug/kg	7.1	7.1	U	7.1	7.1	U	6.9	6.9	U
Acenaphthylene	ug/kg	7.1	7.1	U	7.1	7.1	U	6.9	6.9	U
Anthracene	ug/kg	7.1	7.1	U	7.1	7.1	U	6.9	6.9	U
Azobenzene/1,2-Diphenylhydrazine	ug/kg	64	64	U	64	64	U	63	63	U
Benidine	ug/kg	1.30E+03	1.30E+03	UJ	1.30E+03	1.30E+03	UJ	1.30E+03	1.30E+03	UJ
Benzo(a)anthracene	ug/kg	7.1	7.1	U	7.1	7.1	U	6.9	6.9	U
Benzo(a)pyrene	ug/kg	7.1	7.1	U	7.1	7.1	U	6.9	6.9	U
Benzo(b)fluoranthene	ug/kg	7.1	7.1	U	12	7.1	I	6.9	6.9	U
Benzo(g,h,i)perylene	ug/kg	7.1	7.1	U	7.1	7.1	I	6.9	6.9	U
Benzo(k)fluoranthene	ug/kg	7.1	7.1	U	7.1	7.1	U	6.9	6.9	U
Biphenyl	ug/kg	7.1	7.1	U	7.1	7.1	U	6.9	6.9	U
Bis(2-chloroethoxy)methane	ug/kg	64	64	U	64	64	U	63	63	U
Bis(2-chloroethyl)ether	ug/kg	64	64	U	64	64	U	63	63	U
Bis(2-chloroisopropyl)ether	ug/kg	64	64	U	64	64	U	63	63	U
Bis(2-ethylhexyl)phthalate	ug/kg	390	390	U	380	380	U	380	380	U
Butyl benzyl phthalate	ug/kg	64	64	U	64	64	U	63	63	U
Chrysene	ug/kg	7.1	7.1	U	7.1	7.1	U	6.9	6.9	U
Dibenzo(a,h)anthracene	ug/kg	7.1	7.1	U	7.1	7.1	U	6.9	6.9	U
Dibenzothiophene	ug/kg	7.1	7.1	U	7.1	7.1	U	6.9	6.9	U
Diethyl phthalate	ug/kg	64	64	U	64	64	U	63	63	U
Dimethyl phthalate	ug/kg	64	64	U	64	64	U	63	63	U
Di-n-butyl phthalate	ug/kg	390	390	U	380	380	U	380	380	U
Di-n-octyl phthalate	ug/kg	64	64	U	64	64	U	63	63	U
Fluoranthene	ug/kg	7.1	7.1	U	7.1	7.1	U	6.9	6.9	U
Fluorene	ug/kg	7.1	7.1	U	7.1	7.1	U	6.9	6.9	U
Hexachlorobenzene	ug/kg	64	64	U	64	64	U	63	63	U
Hexachlorobutadiene	ug/kg	190	190	U	190	190	U	190	190	U
Hexachlorocyclopentadiene	ug/kg	64	64	U	64	64	U	63	63	U
Hexachloroethane	ug/kg	190	190	U	190	190	U	190	190	U

Table 2: Location 33 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	33-A	MDL	Remark	33-A Deep	MDL	Remark	33-B	MDL	Remark
Indeno(1,2,3-cd)pyrene	ug/kg	7.1	7.1	U	7.1	7.1	U	6.9	6.9	U
Isophorone	ug/kg	64	64	U	64	64	U	63	63	U
Naphthalene	ug/kg	7.1	7.1	U	7.1	7.1	U	6.9	6.9	U
Nitrobenzene	ug/kg	64	64	U	64	64	U	63	63	U
N-Nitrosodimethylamine	ug/kg	390	390	U	380	380	U	380	380	U
N-Nitrosodi-n-propylamine	ug/kg	64	64	U	64	64	U	63	63	U
N-Nitrosodiphenylamine/ Diphenylamine	ug/kg	64	64	U	64	64	U	63	63	U
Pentachlorophenol	ug/kg	64	64	U	64	64	U	63	63	U
Phenanthrene	ug/kg	7.1	7.1	U	7.1	7.1	U	6.9	6.9	U
Phenol	ug/kg	64	64	U	64	64	U	63	63	U
Pyrene	ug/kg	7.1	7.1	U	7.1	7.1	U	6.9	6.9	U
TRPH	mg/kg	11	11	U	28	28	U	11	11	U
Pesticides/Herbicides/PCBs	Units	33-A	MDL	Remark	33-A Deep	MDL	Remark	33-B	MDL	Remark
2,4,5-T	ug/kg	7	7	U						
2,4-D	ug/kg	7	7	UJ						
3-Hydroxycarbofuran	ug/kg	0.53	0.53	UJ						
Acifluorfen	ug/kg	7	7	UJ						
Aldicarb	ug/kg	0.53	0.53	UJ						
Aldicarb Sulfone	ug/kg	0.53	0.53	UJ						
Aldicarb Sulfoxide	ug/kg	0.53	0.53	UJ						
Carbaryl	ug/kg	0.53	0.53	UJ						
Carbofuran	ug/kg	0.53	0.53	UJ						
Diuron	ug/kg	6.4	6.4	U						
Imidacloprid	ug/kg	6.4	6.4	U						
Linuron	ug/kg	6.4	6.4	U						
Methiocarb	ug/kg	0.53	0.53	UJ						
Methomyl	ug/kg	0.53	0.53	UJ						
Oxamyl	ug/kg	0.53	0.53	UJ						
Propoxur	ug/kg	0.53	0.53	UJ						

Table 2: Location 33 Soil Sample Chemical Results

[illegible]

Table 2: Location 33 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	33-A	MDL	Remark	33-A Deep	MDL	Remark	33-B	MDL	Remark
Heptachlor	ug/Kg	0.36	0.36	UJ	0.35	0.35	U	0.35	0.35	U
Heptachlor Epoxide	ug/kg	0.36	0.36	U	0.35	0.35	U	0.35	0.35	U
Hexazinone	ug/kg	3.6	3.6	UJ	3.5	3.5	UJ	3.5	3.5	UJ
Malathion	ug/kg	3.6	3.6	U	3.5	3.5	U	3.5	3.5	U
Methamidophos	ug/kg	18	18	U	18	18	U	17	17	U
Methoxychlor	ug/kg	1.8	1.8	U	1.8	1.8	U	1.7	1.7	U
Metolachlor	ug/kg	11	11	U	11	11	U	10	10	U
Metribuzin	ug/kg	3.6	3.6	U	3.5	3.5	U	3.5	3.5	U
Mevinphos	ug/kg	7.1	7.1	U	7.1	7.1	U	6.9	6.9	U
Monocrotophos	ug/kg	18	18	UJ	18	18	U	17	17	U
Naled	ug/kg	14	14	U	14	14	U	14	14	U
Norflurazon	ug/kg	3.6	3.6	UJ	3.5	3.5	UJ	3.5	3.5	UJ
Parathion Ethyl	ug/kg	3.6	3.6	U	3.5	3.5	U	3.5	3.5	U
Parathion Methyl	ug/kg	3.6	3.6	U	3.5	3.5	U	3.5	3.5	U
PCB-1016	ug/Kg	11	11	U	11	11	U	10	10	U
PCB-1221	ug/Kg	7.1	7.1	U	7.1	7.1	U	6.9	6.9	U
PCB-1232	ug/Kg	16	16	U	16	16	U	16	16	U
PCB-1242	ug/Kg	11	11	U	11	11	U	10	10	U
PCB-1248	ug/Kg	7.1	7.1	U	7.1	7.1	U	6.9	6.9	U
PCB-1254	ug/Kg	7.1	7.1	U	7.1	7.1	U	6.9	6.9	U
PCB-1260	ug/Kg	11	11	U	11	11	U	10	10	U
Phorate	ug/kg	1.8	1.8	U	1.8	1.8	U	1.7	1.7	U
Prometryn	ug/kg	3.6	3.6	U	3.5	3.5	U	3.5	3.5	U
Simazine	ug/kg	1.8	1.8	U	1.8	1.8	U	1.7	1.7	U
Toxaphene	ug/Kg	27	27	U	27	27	U	26	26	U
Diquat	mg/Kg	0.041	0.041	U						
Paraquat	mg/Kg	0.052	0.052	U						
Metals	Units	33-A	MDL	Remark	33-A Deep	MDL	Remark	33-B	MDL	Remark
Mercury	mg/Kg	0.0071	0.0051	I	0.0079	0.005	I	0.015	0.005	I

Table 2: Location 33 Soil Sample Chemical Results

Metals	Units	33-A	MDL	Remark	33-A Deep	MDL	Remark	33-B	MDL	Remark
Antimony	mg/Kg	0.25	0.25	U	0.25	0.25	U	0.25	0.25	U
Arsenic	mg/Kg	0.52	0.099	A	0.41	0.099		0.41	0.1	A
Barium	mg/Kg	4.17	0.099	A	3.31	0.099		8.42	0.1	A
Beryllium	mg/Kg	0.04	0.04	U	0.04	0.04	U	0.12	0.04	I
Cadmium	mg/Kg	0.05	0.05	U	0.05	0.05	U	0.11	0.05	I
Chromium	mg/Kg	1.78	0.25	A	1.42	0.25		4.65	0.25	A
Cobalt	mg/Kg	0.168	0.02	A	0.108	0.02		0.401	0.02	A
Copper	mg/Kg	2.24	0.25	A	0.37	0.25	I	4.85	0.25	A
Lead	mg/Kg	0.9	0.37	I	0.65	0.37	I	2.3	0.37	A
Nickel	mg/Kg	0.53	0.25	I	0.41	0.25	I	1.45	0.25	A
Selenium	mg/Kg	0.28	0.15	I	0.21	0.15	I	0.27	0.15	I
Silver	mg/Kg	0.012	0.012	U	0.012	0.012	U	0.012	0.012	U
Thallium	mg/Kg	0.05	0.05	U	0.05	0.05	U	0.05	0.05	U
Zinc	mg/Kg	23.9	2	A	2	2	U	9.4	2	A
Dioxins/Furans	Units	33-A	MDL	Remark	33-A Deep	MDL	Remark	33-B	MDL	Remark
1,2,3,4,6,7,8-HpCDD	ng/Kg	4.72	2.45							
1,2,3,4,6,7,8-HpCDF	ng/Kg	0.271	2.45	U						
1,2,3,4,7,8,9-HpCDF	ng/Kg	0.0861	2.45	U						
1,2,3,4,7,8-HxCDD	ng/Kg	0.093	2.45	U						
1,2,3,4,7,8-HxCDF	ng/Kg	0.0608	2.45	U						
1,2,3,6,7,8-HxCDD	ng/Kg	0.0835	2.45	U						
1,2,3,6,7,8-HxCDF	ng/Kg	0.0575	2.45	U						
1,2,3,7,8,9-HxCDD	ng/Kg	0.0883	2.45	U						
1,2,3,7,8,9-HxCDF	ng/Kg	0.0772	2.45	U						
1,2,3,7,8-PeCDD	ng/Kg	0.0909	2.45	U						
1,2,3,7,8-PeCDF	ng/Kg	0.0822	2.45	U						
2,3,4,6,7,8-HxCDF	ng/Kg	0.066	2.45	U						
2,3,4,7,8-PeCDF	ng/Kg	0.0816	2.45	U						
2,3,7,8-TCDD	ng/Kg	0.101	0.978	U						

Table 2: Location 33 Soil Sample Chemical Results

Dioxins/Furans	Units	33-A	MDL	Remark	33-A Deep	MDL	Remark	33-B	MDL	Remark
2,3,7,8-TCDF	ng/Kg	0.0889	0.978	U						
OCDD	ng/Kg	56.3	4.89	V						
OCDF	ng/Kg	2.45	4.89	I						
Total Hepta-Dioxins	ng/Kg	35.6	2.45							
Total Hepta-Furans	ng/Kg	1.1	2.45	I						
Total Hexa-Dioxins	ng/Kg	2.28	2.45	I						
Total Hexa-Furans	ng/Kg	0.0575	2.45	U						
Total Penta-Dioxins	ng/Kg	0.0909	2.45	U						
Total Penta-Furans	ng/Kg	0.0816	2.45	U						
Total Tetra-Dioxins	ng/Kg	0.101	0.978	U						
Total Tetra-Furans	ng/Kg	0.428	0.978	I						
Calculated Total Toxicity Equivalents (TEQ)	Units	33-A			33-A Deep			33-B		
Dioxins as total 2,3,7,8-TCDD	ng/Kg	0.205								
Total Benzo(a)pyrene	mg/Kg				0.01					

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

Table 3: Location 33 Soil Sample Radionuclide Results

Radionuclides	Units	33-A	Remark	33-A Deep	Remark	33-B	Remark
Actinium-228	pCi/g	0.147	U	0.14	UJ	0.224	
Actinium-228 Uncertainty	pCi/g	0.0799		0.0966		0.0976	
Alpha Uncertainty	pCi/g	3.94		2.72		2.92	
Alpha, Total	pCi/g	10.4		4.83		5.35	
Americium-241	pCi/g	0.181	U	0.078	U	0.0985	U
Americium-241 Uncertainty	pCi/g	0.0926		0.0465		0.0615	
Antimony-124	pCi/g	0.0908	U	0.0644	U	0.1	U
Antimony-124 Uncertainty	pCi/g	0.0507		0.0411		0.0559	
Antimony-125	pCi/g	0.0774	U	0.0637	U	0.0796	U
Antimony-125 Uncertainty	pCi/g	0.0434		0.0339		0.0437	
Barium-133	pCi/g	0.0354	U	0.026	U	0.0308	U
Barium-133 Uncertainty	pCi/g	0.0242		0.0164		0.0224	
Barium-140	pCi/g	0.705	U	0.445	U	0.77	U
Barium-140 Uncertainty	pCi/g	0.43		0.312		0.435	
Beryllium-7	pCi/g	0.395	U	0.283	U	0.385	U
Beryllium-7 Uncertainty	pCi/g	0.209		0.156		0.218	
Beta Uncertainty	pCi/g	2.88		1.71		2.11	
Beta, Total	pCi/g	4.77	U	2.76	U	3.29	
Bismuth-212	pCi/g	0.393	U	0.355	U	0.485	U
Bismuth-212 Uncertainty	pCi/g	0.23		0.181		0.263	
Bismuth-214	pCi/g	0.619		0.323		0.445	
Bismuth-214 Uncertainty	pCi/g	0.106		0.0695		0.0889	
Cerium-139	pCi/g	0.0278	U	0.0222	U	0.0273	U
Cerium-139 Uncertainty	pCi/g	0.0158		0.0122		0.0164	
Cerium-141	pCi/g	0.0935	U	0.0634	U	0.0852	U
Cerium-141 Uncertainty	pCi/g	0.0526		0.038		0.0518	
Cerium-144	pCi/g	0.18	U	0.137	U	0.171	U
Cerium-144 Uncertainty	pCi/g	0.101		0.0741		0.0949	

Table 3: Location 33 Soil Sample Radionuclide Results

Radionuclides	Units	33-A	Remark	33-A Deep	Remark	33-B	Remark
Cesium-134	pCi/g	0.0342	U	0.0302	U	0.0392	U
Cesium-134 Uncertainty	pCi/g	0.0197		0.0168		0.0215	
Cesium-136	pCi/g	0.289	U	0.18	U	0.272	U
Cesium-136 Uncertainty	pCi/g	0.169		0.107		0.172	
Cesium-137	pCi/g	0.0308	U	0.0278	U	0.0334	
Cesium-137 Uncertainty	pCi/g	0.0174		0.0158		0.0322	
Chromium-51	pCi/g	0.543	U	0.393	U	0.578	U
Chromium-51 Uncertainty	pCi/g	0.329		0.238		0.331	
Cobalt-56	pCi/g	0.0379	U	0.0318	U	0.0476	U
Cobalt-56 Uncertainty	pCi/g	0.0226		0.017		0.0261	
Cobalt-57	pCi/g	0.0249	U	0.0181	U	0.0208	U
Cobalt-57 Uncertainty	pCi/g	0.0137		0.00988		0.0121	
Cobalt-58	pCi/g	0.0355	U	0.0291	U	0.0342	U
Cobalt-58 Uncertainty	pCi/g	0.0218		0.0172		0.0251	
Cobalt-60	pCi/g	0.0261	U	0.0224	U	0.0293	U
Cobalt-60 Uncertainty	pCi/g	0.016		0.0167		0.0198	
Europium-152	pCi/g	0.0894	U	0.0627	U	0.0831	U
Europium-152 Uncertainty	pCi/g	0.0511		0.0395		0.0605	
Europium-154	pCi/g	0.0925	U	0.0684	U	0.0786	U
Europium-154 Uncertainty	pCi/g	0.0585		0.0396		0.0478	
Europium-155	pCi/g	0.0918	U	0.0671	U	0.085	U
Europium-155 Uncertainty	pCi/g	0.0499		0.0368		0.0473	
Iridium-192	pCi/g	0.0365	U	0.0289	U	0.0387	U
Iridium-192 Uncertainty	pCi/g	0.0203		0.0153		0.0215	
Iron-59	pCi/g	0.0848	U	0.0671	U	0.0853	U
Iron-59 Uncertainty	pCi/g	0.047		0.0383		0.0547	
Lead-210	pCi/g	5.72	U	1.45	U	1.77	U
Lead-210 Uncertainty	pCi/g	2.88		0.782		1	

Table 3: Location 33 Soil Sample Radionuclide Results

Radionuclides	Units	33-A	Remark	33-A Deep	Remark	33-B	Remark
Lead-212	pCi/g	0.12		0.118		0.153	
Lead-212 Uncertainty	pCi/g	0.0411		0.0339		0.0445	
Lead-214	pCi/g	0.886		0.373		0.566	
Lead-214 Uncertainty	pCi/g	0.129		0.0723		0.091	
Manganese-54	pCi/g	0.0314	U	0.0238	U	0.0344	U
Manganese-54 Uncertainty	pCi/g	0.0189		0.0147		0.0196	
Mercury-203	pCi/g	0.0445	U	0.0363	U	0.0435	U
Mercury-203 Uncertainty	pCi/g	0.025		0.0193		0.0247	
Neodymium-147	pCi/g	1.78	U	1.48	U	1.96	U
Neodymium-147 Uncertainty	pCi/g	1.08		0.796		1.12	
Neptunium-239	pCi/g	0.363	U	0.27	U	0.328	U
Neptunium-239 Uncertainty	pCi/g	0.199		0.147		0.188	
Niobium-94	pCi/g	0.0262	U	0.0222	U	0.0282	U
Niobium-94 Uncertainty	pCi/g	0.0152		0.0135		0.0165	
Niobium-95	pCi/g	0.0495	U	0.0333	U	0.0487	U
Niobium-95 Uncertainty	pCi/g	0.0295		0.019		0.0282	
Potassium-40	pCi/g	1.13		0.6		0.818	
Potassium-40 Uncertainty	pCi/g	0.375		0.292		0.384	
Promethium-144	pCi/g	0.0311	U	0.0248	U	0.0346	U
Promethium-144 Uncertainty	pCi/g	0.0163		0.0144		0.0194	
Promethium-146	pCi/g	0.035	U	0.0277	U	0.0374	U
Promethium-146 Uncertainty	pCi/g	0.0188		0.016		0.021	
Radium-228	pCi/g	0.147	U	0.14	UJ	0.224	
Radium-228 Uncertainty	pCi/g	0.0799		0.0966		0.0976	
Ruthenium-106	pCi/g	0.274	U	0.213	U	0.27	U
Ruthenium-106 Uncertainty	pCi/g	0.152		0.119		0.169	
Silver-110m	pCi/g	0.0325	U	0.0356	U	0.0412	U
Silver-110m Uncertainty	pCi/g	0.0216		0.0197		0.023	

Table 3: Location 33 Soil Sample Radionuclide Results

Radionuclides	Units	33-A	Remark	33-A Deep	Remark	33-B	Remark
Sodium-22	pCi/g	0.0332	U	0.0246	U	0.0281	U
Sodium-22 Uncertainty	pCi/g	0.0209		0.0142		0.0171	
Thallium-208	pCi/g	0.0376	U	0.0338	U	0.0426	
Thallium-208 Uncertainty	pCi/g	0.0198		0.0188		0.0371	
Thorium-234	pCi/g	1.56	U	0.777	U	0.949	U
Thorium-234 Uncertainty	pCi/g	0.834		0.428		0.554	
Tin-113	pCi/g	0.0392	U	0.0335	U	0.0413	U
Tin-113 Uncertainty	pCi/g	0.0229		0.0184		0.0249	
Uranium-235	pCi/g	0.189	U	0.137	U	0.171	U
Uranium-235 Uncertainty	pCi/g	0.108		0.0792		0.104	
Uranium-238	pCi/g	1.56	U	0.777	U	0.949	U
Uranium-238 Uncertainty	pCi/g	0.834		0.428		0.554	
Yttrium-88	pCi/g	0.0275	U	0.0324	U	0.0372	U
Yttrium-88 Uncertainty	pCi/g	0.0197		0.0182		0.022	
Zinc-65	pCi/g	0.0728	U	0.062	U	0.0709	U
Zinc-65 Uncertainty	pCi/g	0.0453		0.0333		0.0444	
Zirconium-95	pCi/g	0.0631	U	0.0573	U	0.0659	U
Zirconium-95 Uncertainty	pCi/g	0.04		0.0348		0.0391	

Location 34

Table 1: Summary of Residential SCTL Exceedances in Soil Samples Collected from Location 34
March/April 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation

Analyte	Residential SCTL	34-A	34-A Deep	34-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 34 Soil Sample Chemical Results

Volatile Organic Compounds	Units	34-A	MDL	Remark	34-A Deep	MDL	Remark	34-B	MDL	Remark
1,1,1-Trichloroethane	ug/kg	6.1	6.1	U	4.7	4.7	U	5.8	5.8	U
1,1,2,2-Tetrachloroethane	ug/kg	15	15	U	12	12	U	14	14	U
1,1,2-Trichloroethane	ug/kg	6.1	6.1	U	4.7	4.7	U	5.8	5.8	U
1,1-Dichloroethane	ug/kg	6.1	6.1	U	4.7	4.7	U	5.8	5.8	U
1,1-Dichloroethene	ug/kg	15	15	U	12	12	U	14	14	U
1,2-Dichlorobenzene	ug/kg	15	15	U	12	12	U	14	14	U
1,2-Dichloroethane	ug/kg	6.1	6.1	U	4.7	4.7	U	5.8	5.8	U
1,2-Dichloropropane	ug/kg	15	15	U	12	12	U	14	14	U
1,3-Dichlorobenzene	ug/kg	15	15	U	12	12	U	14	14	U
1,4-Dichlorobenzene	ug/kg	15	15	U	12	12	U	14	14	U
2-Butanone	ug/kg	150	150	U	120	120	U	140	140	U
2-Chloroethylvinyl ether	ug/kg	15	15	U	12	12	U	14	14	U
Benzene	ug/kg	6.1	6.1	U	4.7	4.7	U	5.8	5.8	U
Bromodichloromethane	ug/kg	6.1	6.1	U	4.7	4.7	U	5.8	5.8	U
Bromoform	ug/kg	15	15	U	12	12	U	14	14	U
Bromomethane	ug/kg	15	15	U	12	12	U	14	14	U
Carbon tetrachloride	ug/kg	6.1	6.1	U	4.7	4.7	U	5.8	5.8	U
Chlorobenzene	ug/kg	6.1	6.1	U	4.7	4.7	U	5.8	5.8	U
Chloroethane	ug/kg	15	15	U	12	12	U	14	14	U
Chloroform	ug/kg	6.1	6.1	U	4.7	4.7	U	5.8	5.8	U
Chloromethane	ug/kg	15	15	U	12	12	U	14	14	U
cis-1,2-Dichloroethene	ug/kg	15	15	U	12	12	U	14	14	U
cis-1,3-Dichloropropene	ug/kg	15	15	U	12	12	U	14	14	U
Dibromochloromethane	ug/kg	6.1	6.1	U	4.7	4.7	U	5.8	5.8	U
Ethylbenzene	ug/kg	15	15	U	12	12	U	14	14	U
m,p-Xylene	ug/kg	15	15	U	12	12	U	14	14	U
Methylene chloride	ug/kg	15	15	U	12	12	U	14	14	U
Methyl-t-butyl ether	ug/kg	15	15	U	12	12	U	14	14	U
o-Xylene	ug/kg	6.1	6.1	U	4.7	4.7	U	5.8	5.8	U

Table 2: Location 34 Soil Sample Chemical Results

Volatile Organic Compounds	Units	34-A	MDL	Remark	34-A Deep	MDL	Remark	34-B	MDL	Remark
Tetrachloroethene	ug/kg	15	15	U	12	12	U	14	14	U
Toluene	ug/kg	15	15	U	12	12	U	14	14	U
trans-1,2-Dichloroethene	ug/kg	15	15	U	12	12	U	14	14	U
trans-1,3-Dichloropropene	ug/kg	6.1	6.1	U	4.7	4.7	U	5.8	5.8	U
Trichloroethene	ug/kg	6.1	6.1	U	4.7	4.7	U	5.8	5.8	U
Trichlorofluoromethane	ug/kg	15	15	U	12	12	U	14	14	U
Vinyl chloride	ug/kg	15	15	U	12	12	U	14	14	U
Semi-Volatile Organic Compounds	Units	34-A	MDL	Remark	34-A Deep	MDL	Remark	34-B	MDL	Remark
1,2,4-Trichlorobenzene	ug/kg	210	210	U	200	200	U	220	220	U
1-Methylnaphthalene	ug/kg	7.7	7.7	U	7.3	7.3	U	8.1	8.1	U
1-Methylphenanthrene	ug/kg	7.7	7.7	U	7.3	7.3	U	8.1	8.1	U
2,3,5-Trimethylnaphthalene	ug/kg	7.7	7.7	U	7.3	7.3	U	8.1	8.1	U
2,4,6-Trichlorophenol	ug/kg	69	69	U	65	65	U	73	73	U
2,4-Dichlorophenol	ug/kg	69	69	U	65	65	U	73	73	U
2,4-Dimethylphenol	ug/kg	420	420	U	390	390	U	440	440	U
2,4-Dinitrophenol	ug/kg	420	420	UJ	390	390	UJ	440	440	UJ
2,4-Dinitrotoluene	ug/kg	69	69	U	65	65	U	73	73	U
2,6-Dimethylnaphthalene	ug/kg	7.7	7.7	U	7.3	7.3	U	8.1	8.1	U
2,6-Dinitrotoluene	ug/kg	69	69	U	65	65	U	73	73	U
2-Chloronaphthalene	ug/kg	69	69	U	65	65	U	73	73	U
2-Chlorophenol	ug/kg	210	210	U	200	200	U	220	220	U
2-Methyl-4,6-dinitrophenol	ug/kg	69	69	U	65	65	U	73	73	U
2-Methylnaphthalene	ug/kg	7.7	7.7	U	7.3	7.3	U	8.1	8.1	U
2-Nitrophenol	ug/kg	69	69	U	65	65	U	73	73	U
3,3'-Dichlorobenzidine	ug/kg	4.20E+03	4.20E+03	UJ	3.90E+03	3.90E+03	UJ	4.40E+03	4.40E+03	UJ
4-Bromophenyl phenyl ether	ug/kg	69	69	U	65	65	U	73	73	U
4-Chloro-3-methylphenol	ug/kg	69	69	U	65	65	U	73	73	U
4-Chlorophenyl phenyl ether	ug/kg	69	69	U	65	65	U	73	73	U
4-Nitrophenol	ug/kg	69	69	U	65	65	U	73	73	U

Table 2: Location 34 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	34-A	MDL	Remark	34-A Deep	MDL	Remark	34-B	MDL	Remark
Acenaphthene	ug/kg	7.7	7.7	U	7.3	7.3	U	8.1	8.1	U
Acenaphthylene	ug/kg	7.7	7.7	U	7.3	7.3	U	8.1	8.1	U
Anthracene	ug/kg	7.7	7.7	U	7.3	7.3	U	8.1	8.1	U
Azobenzene/1,2-Diphenylhydrazine	ug/kg	69	69	U	65	65	U	73	73	U
Benzidine	ug/kg	1.50E+03	1.50E+03	UJ	1.30E+03	1.30E+03	UJ	1.60E+03	1.60E+03	UJ
Benzo(a)anthracene	ug/kg	7.7	7.7	U	7.3	7.3	U	8.1	8.1	U
Benzo(a)pyrene	ug/kg	7.7	7.7	U	7.3	7.3	U	8.1	8.1	U
Benzo(b)fluoranthene	ug/kg	7.7	7.7	U	7.3	7.3	U	8.1	8.1	U
Benzo(g,h,i)perylene	ug/kg	7.7	7.7	U	7.3	7.3	U	8.1	8.1	U
Benzo(k)fluoranthene	ug/kg	7.7	7.7	U	7.3	7.3	U	8.1	8.1	U
Biphenyl	ug/kg	7.7	7.7	U	7.3	7.3	U	8.1	8.1	U
Bis(2-chloroethoxy)methane	ug/kg	69	69	U	65	65	U	73	73	U
Bis(2-chloroethyl)ether	ug/kg	69	69	U	65	65	U	73	73	U
Bis(2-chloroisopropyl)ether	ug/kg	69	69	U	65	65	U	73	73	U
Bis(2-ethylhexyl)phthalate	ug/kg	420	420	U	390	390	U	440	440	U
Butyl benzyl phthalate	ug/kg	69	69	U	65	65	U	73	73	U
Chrysene	ug/kg	7.7	7.7	U	7.3	7.3	U	8.1	8.1	U
Dibenzo(a,h)anthracene	ug/kg	7.7	7.7	U	7.3	7.3	U	8.1	8.1	U
Dibenzothiophene	ug/kg	7.7	7.7	U	7.3	7.3	U	8.1	8.1	U
Diethyl phthalate	ug/kg	69	69	U	65	65	U	73	73	U
Dimethyl phthalate	ug/kg	69	69	U	65	65	U	73	73	U
Di-n-butyl phthalate	ug/kg	420	420	U	390	390	U	440	440	U
Di-n-octyl phthalate	ug/kg	69	69	U	65	65	U	73	73	U
Fluoranthene	ug/kg	7.7	7.7	U	7.3	7.3	U	8.1	8.1	U
Fluorene	ug/kg	7.7	7.7	U	7.3	7.3	U	8.1	8.1	U
Hexachlorobenzene	ug/kg	69	69	U	65	65	U	73	73	U
Hexachlorobutadiene	ug/kg	210	210	U	200	200	U	220	220	U
Hexachlorocyclopentadiene	ug/kg	69	69	U	65	65	U	73	73	U
Hexachloroethane	ug/kg	210	210	U	200	200	U	220	220	U

Table 2: Location 34 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	34-A	MDL	Remark	34-A Deep	MDL	Remark	34-B	MDL	Remark
Indeno(1,2,3-cd)pyrene	ug/kg	7.7	7.7	U	7.3	7.3	U	8.1	8.1	U
Isophorone	ug/kg	69	69	U	65	65	U	73	73	U
Naphthalene	ug/kg	7.7	7.7	U	7.3	7.3	U	8.1	8.1	U
Nitrobenzene	ug/kg	69	69	U	65	65	U	73	73	U
N-Nitrosodimethylamine	ug/kg	420	420	U	390	390	U	440	440	U
N-Nitrosodi-n-propylamine	ug/kg	69	69	U	65	65	U	73	73	U
N-Nitrosodiphenylamine/ Diphenylamine	ug/kg	69	69	U	65	65	U	73	73	U
Pentachlorophenol	ug/kg	69	69	U	65	65	U	73	73	U
Phenanthrene	ug/kg	7.7	7.7	U	7.3	7.3	U	8.1	8.1	U
Phenol	ug/kg	69	69	U	65	65	U	73	73	U
Pyrene	ug/kg	7.7	7.7	U	7.3	7.3	U	8.1	8.1	U
TRPH	mg/kg	12	12	U	11	11	U	13	13	U
Pesticides/Herbicides/PCBs	Units	34-A	MDL	Remark	34-A Deep	MDL	Remark	34-B	MDL	Remark
2,4,5-T	ug/kg	7.5	7.5	U						
2,4-D	ug/kg	7.5	7.5	UJ						
3-Hydroxycarbofuran	ug/kg	0.58	0.58	UJ						
Acifluorfen	ug/kg	7.5	7.5	UJ						
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 34 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	34-A	MDL	Remark	34-A Deep	MDL	Remark	34-B	MDL	Remark
Silvex	ug/kg	7.5	7.5	U						
Alachlor	ug/kg	12	12	U	11	11	U	12	12	U
Aldrin	ug/Kg	0.39	0.39	U	0.36	0.36	U	0.4	0.4	U
Alpha-BHC	ug/Kg	0.39	0.39	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	5.8	5.8	UJ	5.5	5.5	U	6	6	U
Beta-BHC	ug/Kg	0.39	0.39	U	0.36	0.36	U	0.4	0.4	U
Bromacil	ug/kg	7.7	7.7	U	7.3	7.3	U	8.1	8.1	U
Chlordane	ug/Kg	5.8	5.8	U	5.5	5.5	U	6	6	U
Chlorpyrifos Ethyl	ug/kg	1.9	1.9	U	1.8	1.8	U	2	2	U
Chlorpyrifos Methyl	ug/kg	3.9	3.9	U	3.6	3.6	U	4	4	U
DDD-p,p'	ug/Kg	0.77	0.77	U	0.73	0.73	U	0.81	0.81	U
DDE-p,p'	ug/Kg	0.77	0.77	U	0.73	0.73	U	100	2.4	
DDT-p,p'	ug/Kg	1.2	1.2	U	1.1	1.1	U	5.4	5.4	U
Delta-BHC	ug/Kg	0.77	0.77	U	0.73	0.73	U	0.81	0.81	U
Diazinon	ug/kg	1.9	1.9	U	1.8	1.8	U	2	2	U
Dieldrin	ug/Kg	0.39	0.39	U	0.36	0.36	U	22	1.2	
Endosulfan I	ug/Kg	0.39	0.39	U	0.36	0.36	U	0.4	0.4	U
Endosulfan II	ug/Kg	0.39	0.39	U	0.36	0.36	U	0.4	0.4	U
Endosulfan Sulfate	ug/Kg	0.77	0.77	U	0.73	0.73	U	0.81	0.81	U
Endrin	ug/Kg	1.9	1.9	U	1.8	1.8	U	2	2	U
Endrin Aldehyde	ug/Kg	0.77	0.77	U	0.73	0.73	U	0.81	0.81	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	UJ
Fenamiphos	ug/kg	7.7	7.7	U	7.3	7.3	U	8.1	8.1	U
Fonofos	ug/kg	1.9	1.9	U	1.8	1.8	U	2	2	U
Gamma-BHC	ug/Kg	0.39	0.39	U	0.36	0.36	U	0.4	0.4	U
Heptachlor	ug/Kg	0.39	0.39	UJ	0.36	0.36	U	0.4	0.4	U

Table 2: Location 34 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	34-A	MDL	Remark	34-A Deep	MDL	Remark	34-B	MDL	Remark
Heptachlor Epoxide	ug/kg	0.39	0.39	U	0.36	0.36	U	0.4	0.4	U
Hexazinone	ug/kg	3.9	3.9	UJ	3.6	3.6	UJ	4	4	UJ
Malathion	ug/kg	3.9	3.9	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	12	12	U	11	11	U	12	12	U
Metribuzin	ug/kg	3.9	3.9	U	3.6	3.6	U	4	4	U
Mevinphos	ug/kg	7.7	7.7	U	7.3	7.3	U	8.1	8.1	U
Monocrotophos	ug/kg	19	19	UJ	18	18	U	20	20	U
Naled	ug/kg	15	15	U	15	15	U	16	16	U
Norflurazon	ug/kg	3.9	3.9	UJ	3.6	3.6	UJ	4	4	UJ
Parathion Ethyl	ug/kg	3.9	3.9	U	3.6	3.6	U	4	4	U
Parathion Methyl	ug/kg	3.9	3.9	U	3.6	3.6	U	4	4	U
PCB-1016	ug/Kg	12	12	U	11	11	U	12	12	U
PCB-1221	ug/Kg	7.7	7.7	U	7.3	7.3	U	8.1	8.1	U
PCB-1232	ug/Kg	17	17	U	16	16	U	18	18	U
PCB-1242	ug/Kg	12	12	U	11	11	U	12	12	U
PCB-1248	ug/Kg	7.7	7.7	U	7.3	7.3	U	8.1	8.1	U
PCB-1254	ug/Kg	7.7	7.7	U	7.3	7.3	U	8.1	8.1	U
PCB-1260	ug/Kg	12	12	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	3.9	3.9	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	29	29	U	27	27	U	600	30	
Diquat	mg/Kg	0.047	0.047	U						
Paraquat	mg/Kg	0.058	0.058	U						
Metals	Units	34-A	MDL	Remark	34-A Deep	MDL	Remark	34-B	MDL	Remark
Mercury	mg/Kg	0.012	0.0055	I	0.0077	0.0054	I	0.016	0.0057	I
Antimony	mg/Kg	0.24	0.24	U	0.25	0.25	U	0.24	0.24	U

Table 2: Location 34 Soil Sample Chemical Results

Metals	Units	34-A	MDL	Remark	34-A Deep	MDL	Remark	34-B	MDL	Remark
Arsenic	mg/Kg	1.23	0.096		0.17	0.099	I	0.39	0.097	
Barium	mg/Kg	10.5	0.096		2.38	0.099		19.5	0.097	
Beryllium	mg/Kg	0.14	0.038	I	0.04	0.04	U	0.045	0.039	I
Cadmium	mg/Kg	0.048	0.048	U	0.049	0.049	U	0.054	0.049	I
Chromium	mg/Kg	5.19	0.24		1.18	0.25		1.94	0.24	
Cobalt	mg/Kg	0.623	0.019		0.094	0.02		0.239	0.019	
Copper	mg/Kg	0.77	0.24	I	0.26	0.25	I	12.6	0.24	
Lead	mg/Kg	1.9	0.36		0.88	0.37	I	2.1	0.36	
Nickel	mg/Kg	1.64	0.24		0.4	0.25	I	0.71	0.24	I
Selenium	mg/Kg	0.2	0.14	I	0.15	0.15	U	0.26	0.15	I
Silver	mg/Kg	0.012	0.012	U	0.012	0.012	U	0.012	0.012	U
Thallium	mg/Kg	0.048	0.048	U	0.049	0.049	U	0.049	0.049	U
Zinc	mg/Kg	3.2	1.9	I	2	2	U	26.7	1.9	
Dioxins/Furans	Units	34-A	MDL	Remark	34-A Deep	MDL	Remark	34-B	MDL	Remark
1,2,3,4,6,7,8-HpCDD	ng/Kg	0.455	2.55	I						
1,2,3,4,6,7,8-HpCDF	ng/Kg	0.0681	2.55	U						
1,2,3,4,7,8,9-HpCDF	ng/Kg	0.0946	2.55	U						
1,2,3,4,7,8-HxCDD	ng/Kg	0.0785	2.55	U						
1,2,3,4,7,8-HxCDF	ng/Kg	0.0669	2.55	U						
1,2,3,6,7,8-HxCDD	ng/Kg	0.0704	2.55	U						
1,2,3,6,7,8-HxCDF	ng/Kg	0.0634	2.55	U						
1,2,3,7,8,9-HxCDD	ng/Kg	0.0745	2.55	U						
1,2,3,7,8,9-HxCDF	ng/Kg	0.0851	2.55	U						
1,2,3,7,8-PeCDD	ng/Kg	0.123	2.55	U						
1,2,3,7,8-PeCDF	ng/Kg	0.0997	2.55	U						
2,3,4,6,7,8-HxCDF	ng/Kg	0.0726	2.55	U						
2,3,4,7,8-PeCDF	ng/Kg	0.0989	2.55	U						
2,3,7,8-TCDD	ng/Kg	0.116	1.02	U						
2,3,7,8-TCDF	ng/Kg	0.162	1.02	U						

Table 2: Location 34 Soil Sample Chemical Results

Dioxins/Furans	Units	34-A	MDL	Remark	34-A Deep	MDL	Remark	34-B	MDL	Remark
OCDD	ng/Kg	2.82	5.1	I/V						
OCDF	ng/Kg	0.141	5.1	U						
Total Hepta-Dioxins	ng/Kg	0.455	2.55	I						
Total Hepta-Furans	ng/Kg	0.0681	2.55	U						
Total Hexa-Dioxins	ng/Kg	0.135	2.55	I						
Total Hexa-Furans	ng/Kg	0.0634	2.55	U						
Total Penta-Dioxins	ng/Kg	0.123	2.55	U						
Total Penta-Furans	ng/Kg	0.0989	2.55	U						
Total Tetra-Dioxins	ng/Kg	0.116	1.02	U						
Total Tetra-Furans	ng/Kg	0.162	1.02	U						
Calculated Total Toxicity Equivalents (TEQ)	Units	34-A			34-A Deep			34-B		
Dioxins as total 2,3,7,8-TCDD	ng/Kg	0.186								
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 34 Soil Sample Radionuclide Results

Radionuclides	Units	34-A	Remark	34-A Deep	Remark	34-B	Remark
Actinium-228	pCi/g	0.22	U	0.132	U	0.159	
Actinium-228 Uncertainty	pCi/g	0.131		0.0753		0.0951	
Alpha Uncertainty	pCi/g	2.35		1.76		2.46	
Alpha, Total	pCi/g	3.26		3.19	U	3.87	
Americium-241	pCi/g	0.259	U	0.0257	U	0.0679	U
Americium-241 Uncertainty	pCi/g	0.149		0.0148		0.0385	
Antimony-124	pCi/g	0.135	U	0.0711	U	0.0993	U
Antimony-124 Uncertainty	pCi/g	0.0693		0.0433		0.0627	
Antimony-125	pCi/g	0.11	U	0.0547	U	0.0776	U
Antimony-125 Uncertainty	pCi/g	0.0569		0.0306		0.0442	
Barium-133	pCi/g	0.0494	U	0.0282	U	0.0331	U
Barium-133 Uncertainty	pCi/g	0.0304		0.016		0.0226	
Barium-140	pCi/g	1.05	U	0.578	U	0.792	U
Barium-140 Uncertainty	pCi/g	0.575		0.361		0.433	
Beryllium-7	pCi/g	0.474	U	0.271	U	0.314	U
Beryllium-7 Uncertainty	pCi/g	0.276		0.157		0.202	
Beta Uncertainty	pCi/g	2.89		1.44		1.73	
Beta, Total	pCi/g	4.64	U	3.33	U	3	U
Bismuth-212	pCi/g	0.578	U	0.35	U	0.412	U
Bismuth-212 Uncertainty	pCi/g	0.334		0.206		0.233	
Bismuth-214	pCi/g	0.226		0.088		0.322	
Bismuth-214 Uncertainty	pCi/g	0.0912		0.0505		0.0776	
Cerium-139	pCi/g	0.0384	U	0.019	U	0.0243	U
Cerium-139 Uncertainty	pCi/g	0.0217		0.0101		0.0136	
Cerium-141	pCi/g	0.126	U	0.0524	U	0.0803	U
Cerium-141 Uncertainty	pCi/g	0.0668		0.0288		0.0447	
Cerium-144	pCi/g	0.24	U	0.0989	U	0.151	U
Cerium-144 Uncertainty	pCi/g	0.132		0.056		0.0861	

Table 3: Location 34 Soil Sample Radionuclide Results

Radionuclides	Units	34-A	Remark	34-A Deep	Remark	34-B	Remark
Cesium-134	pCi/g	0.0525	U	0.0279	U	0.0361	U
Cesium-134 Uncertainty	pCi/g	0.0263		0.0159		0.0209	
Cesium-136	pCi/g	0.244	U	0.245	U	0.247	U
Cesium-136 Uncertainty	pCi/g	0.175		0.136		0.143	
Cesium-137	pCi/g	0.0449	U	0.0339		0.0301	U
Cesium-137 Uncertainty	pCi/g	0.0246		0.0275		0.0223	
Chromium-51	pCi/g	0.841	U	0.423	U	0.508	U
Chromium-51 Uncertainty	pCi/g	0.468		0.232		0.286	
Cobalt-56	pCi/g	0.0581	U	0.0312	U	0.0404	U
Cobalt-56 Uncertainty	pCi/g	0.0317		0.0186		0.0219	
Cobalt-57	pCi/g	0.029	U	0.0125	U	0.0182	U
Cobalt-57 Uncertainty	pCi/g	0.0169		0.00763		0.0103	
Cobalt-58	pCi/g	0.0395	U	0.031	U	0.0346	U
Cobalt-58 Uncertainty	pCi/g	0.0228		0.018		0.0201	
Cobalt-60	pCi/g	0.0356	U	0.0219	U	0.0271	U
Cobalt-60 Uncertainty	pCi/g	0.0213		0.0131		0.0182	
Europium-152	pCi/g	0.101	U	0.0583	U	0.0821	U
Europium-152 Uncertainty	pCi/g	0.0565		0.0339		0.0506	
Europium-154	pCi/g	0.109	U	0.0682	U	0.0865	U
Europium-154 Uncertainty	pCi/g	0.0602		0.041		0.0532	
Europium-155	pCi/g	0.116	U	0.0447	U	0.0662	U
Europium-155 Uncertainty	pCi/g	0.0655		0.0229		0.0391	
Iridium-192	pCi/g	0.0536	U	0.0287	U	0.0323	U
Iridium-192 Uncertainty	pCi/g	0.03		0.0152		0.0186	
Iron-59	pCi/g	0.104	U	0.081	U	0.101	U
Iron-59 Uncertainty	pCi/g	0.0654		0.045		0.0575	
Lead-210	pCi/g	11.3	U	0.195	U	1.54	U
Lead-210 Uncertainty	pCi/g	5.86		0.239		0.865	

Table 3: Location 34 Soil Sample Radionuclide Results

Radionuclides	Units	34-A	Remark	34-A Deep	Remark	34-B	Remark
Lead-212	pCi/g	0.125		0.11		0.144	
Lead-212 Uncertainty	pCi/g	0.0787		0.0322		0.0408	
Lead-214	pCi/g	0.285		0.141		0.356	
Lead-214 Uncertainty	pCi/g	0.112		0.0465		0.082	
Manganese-54	pCi/g	0.037	U	0.0229	U	0.0307	U
Manganese-54 Uncertainty	pCi/g	0.0214		0.0139		0.0178	
Mercury-203	pCi/g	0.0644	U	0.0311	U	0.047	U
Mercury-203 Uncertainty	pCi/g	0.0375		0.0175		0.0253	
Neodymium-147	pCi/g	2.47	U	1.56	U	1.82	U
Neodymium-147 Uncertainty	pCi/g	1.48		0.895		1.01	
Neptunium-239	pCi/g	0.46	U	0.167	U	0.273	U
Neptunium-239 Uncertainty	pCi/g	0.247		0.0945		0.153	
Niobium-94	pCi/g	0.0413	U	0.0238	U	0.0273	U
Niobium-94 Uncertainty	pCi/g	0.0218		0.0129		0.0155	
Niobium-95	pCi/g	0.0576	U	0.0354	U	0.0409	U
Niobium-95 Uncertainty	pCi/g	0.031		0.02		0.0229	
Potassium-40	pCi/g	0.585		0.256		0.92	
Potassium-40 Uncertainty	pCi/g	0.338		0.239		0.422	
Promethium-144	pCi/g	0.0429	U	0.0242	U	0.0305	U
Promethium-144 Uncertainty	pCi/g	0.024		0.0145		0.0172	
Promethium-146	pCi/g	0.0492	U	0.0282	U	0.0336	U
Promethium-146 Uncertainty	pCi/g	0.0266		0.0155		0.0198	
Radium-228	pCi/g	0.22	U	0.132	U	0.159	
Radium-228 Uncertainty	pCi/g	0.131		0.0753		0.0951	
Ruthenium-106	pCi/g	0.331	U	0.194	U	0.259	U
Ruthenium-106 Uncertainty	pCi/g	0.195		0.11		0.151	
Silver-110m	pCi/g	0.0487	U	0.0336	U	0.0405	U
Silver-110m Uncertainty	pCi/g	0.0264		0.0198		0.0237	

Table 3: Location 34 Soil Sample Radionuclide Results

Radionuclides	Units	34-A	Remark	34-A Deep	Remark	34-B	Remark
Sodium-22	pCi/g	0.0393	U	0.0243	U	0.0314	U
Sodium-22 Uncertainty	pCi/g	0.022		0.0146		0.019	
Thallium-208	pCi/g	0.0813		0.0368		0.0402	
Thallium-208 Uncertainty	pCi/g	0.0395		0.0274		0.0273	
Thorium-234	pCi/g	2.32	U	0.243	UJ	0.762	U
Thorium-234 Uncertainty	pCi/g	1.21		0.272		0.431	
Tin-113	pCi/g	0.0574	U	0.0299	U	0.0434	U
Tin-113 Uncertainty	pCi/g	0.0329		0.018		0.0252	
Uranium-235	pCi/g	0.251	U	0.108	U	0.162	U
Uranium-235 Uncertainty	pCi/g	0.142		0.0617		0.0941	
Uranium-238	pCi/g	2.32	U	0.243	UJ	0.762	U
Uranium-238 Uncertainty	pCi/g	1.21		0.272		0.431	
Yttrium-88	pCi/g	0.028	U	0.0285	U	0.0324	U
Yttrium-88 Uncertainty	pCi/g	0.0193		0.0157		0.0173	
Zinc-65	pCi/g	0.0857	U	0.0396	U	0.057	U
Zinc-65 Uncertainty	pCi/g	0.0648		0.0318		0.0326	
Zirconium-95	pCi/g	0.0874	U	0.0605	U	0.0608	U
Zirconium-95 Uncertainty	pCi/g	0.0493		0.0357		0.0363	

Location 35

Table 1: Summary of Residential SCTL Exceedances in Soil Samples Collected from Location 35
March/April 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation

Analyte	Residential SCTL	35-A	35-A Deep	35-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 35 Soil Sample Chemical Results

Volatile Organic Compounds	Units	35-A	MDL	Remark	35-A Deep	MDL	Remark	35-B	MDL	Remark
1,1,1-Trichloroethane	ug/kg	6.2	6.2	U	4.9	4.9	U	4.7	4.7	U
1,1,2,2-Tetrachloroethane	ug/kg	16	16	U	12	12	U	12	12	U
1,1,2-Trichloroethane	ug/kg	6.2	6.2	U	4.9	4.9	U	4.7	4.7	U
1,1-Dichloroethane	ug/kg	6.2	6.2	U	4.9	4.9	U	4.7	4.7	U
1,1-Dichloroethene	ug/kg	16	16	U	12	12	U	12	12	U
1,2-Dichlorobenzene	ug/kg	16	16	U	12	12	U	12	12	U
1,2-Dichloroethane	ug/kg	6.2	6.2	U	4.9	4.9	U	4.7	4.7	U
1,2-Dichloropropane	ug/kg	16	16	U	12	12	U	12	12	U
1,3-Dichlorobenzene	ug/kg	16	16	U	12	12	U	12	12	U
1,4-Dichlorobenzene	ug/kg	16	16	U	12	12	U	12	12	U
2-Butanone	ug/kg	160	160	U	120	120	U	120	120	U
2-Chloroethylvinyl ether	ug/kg	16	16	U	12	12	U	12	12	U
Benzene	ug/kg	6.2	6.2	U	4.9	4.9	U	4.7	4.7	U
Bromodichloromethane	ug/kg	6.2	6.2	UJ	4.9	4.9	U	4.7	4.7	U
Bromoform	ug/kg	16	16	UJ	12	12	UJ	12	12	UJ
Bromomethane	ug/kg	16	16	UJ	12	12	U	12	12	U
Carbon tetrachloride	ug/kg	6.2	6.2	UJ	4.9	4.9	U	4.7	4.7	U
Chlorobenzene	ug/kg	6.2	6.2	U	4.9	4.9	U	4.7	4.7	U
Chloroethane	ug/kg	16	16	UJ	12	12	U	12	12	U
Chloroform	ug/kg	6.2	6.2	U	4.9	4.9	U	4.7	4.7	U
Chloromethane	ug/kg	16	16	U	12	12	U	12	12	U
cis-1,2-Dichloroethene	ug/kg	16	16	U	12	12	U	12	12	U
cis-1,3-Dichloropropene	ug/kg	16	16	UJ	12	12	U	12	12	U
Dibromochloromethane	ug/kg	6.2	6.2	UJ	4.9	4.9	U	4.7	4.7	U
Ethylbenzene	ug/kg	16	16	U	12	12	U	12	12	U
m,p-Xylene	ug/kg	16	16	U	12	12	U	12	12	U
Methylene chloride	ug/kg	16	16	U	12	12	U	12	12	U
Methyl-t-butyl ether	ug/kg	16	16	U	12	12	U	12	12	U
o-Xylene	ug/kg	6.2	6.2	U	4.9	4.9	U	4.7	4.7	U

Table 2: Location 35 Soil Sample Chemical Results

Volatile Organic Compounds	Units	35-A	MDL	Remark	35-A Deep	MDL	Remark	35-B	MDL	Remark
Tetrachloroethene	ug/kg	16	16	U	12	12	U	12	12	U
Toluene	ug/kg	16	16	U	12	12	U	12	12	U
trans-1,2-Dichloroethene	ug/kg	16	16	U	12	12	U	12	12	U
trans-1,3-Dichloropropene	ug/kg	6.2	6.2	UJ	4.9	4.9	U	4.7	4.7	U
Trichloroethene	ug/kg	6.2	6.2	U	4.9	4.9	U	4.7	4.7	U
Trichlorofluoromethane	ug/kg	16	16	U	12	12	U	12	12	U
Vinyl chloride	ug/kg	16	16	U	12	12	U	12	12	U
Semi-Volatile Organic Compounds	Units	35-A	MDL	Remark	35-A Deep	MDL	Remark	35-B	MDL	Remark
1,2,4-Trichlorobenzene	ug/kg	230	230	U	200	200	U	190	190	U
1-Methylnaphthalene	ug/kg	8.5	8.5	U	7.4	7.4	U	7.2	7.2	U
1-Methylphenanthrene	ug/kg	8.5	8.5	U	7.4	7.4	U	7.2	7.2	U
2,3,5-Trimethylnaphthalene	ug/kg	8.5	8.5	U	7.4	7.4	U	7.2	7.2	U
2,4,6-Trichlorophenol	ug/kg	76	76	U	66	66	U	65	65	U
2,4-Dichlorophenol	ug/kg	76	76	U	66	66	U	65	65	U
2,4-Dimethylphenol	ug/kg	460	460	U	400	400	U	390	390	U
2,4-Dinitrophenol	ug/kg	460	460	UJ	400	400	UJ	390	390	UJ
2,4-Dinitrotoluene	ug/kg	76	76	U	66	66	U	65	65	U
2,6-Dimethylnaphthalene	ug/kg	8.5	8.5	U	7.4	7.4	U	7.2	7.2	U
2,6-Dinitrotoluene	ug/kg	76	76	U	66	66	U	65	65	U
2-Chloronaphthalene	ug/kg	76	76	U	66	66	U	65	65	U
2-Chlorophenol	ug/kg	230	230	U	200	200	U	190	190	U
2-Methyl-4,6-dinitrophenol	ug/kg	76	76	U	66	66	U	65	65	U
2-Methylnaphthalene	ug/Kg	8.5	8.5	U	7.4	7.4	U	7.2	7.2	U
2-Nitrophenol	ug/kg	76	76	U	66	66	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	66	66	U	65	65	U
4-Chloro-3-methylphenol	ug/kg	76	76	U	66	66	U	65	65	U
4-Chlorophenyl phenyl ether	ug/kg	76	76	U	66	66	U	65	65	U
4-Nitrophenol	ug/kg	76	76	U	66	66	U	65	65	U

Table 2: Location 35 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	35-A	MDL	Remark	35-A Deep	MDL	Remark	35-B	MDL	Remark
Acenaphthene	ug/kg	8.5	8.5	U	7.4	7.4	U	7.2	7.2	U
Acenaphthylene	ug/kg	8.5	8.5	U	7.4	7.4	U	7.2	7.2	U
Anthracene	ug/kg	8.5	8.5	U	7.4	7.4	U	7.2	7.2	U
Azobenzene/1,2-Diphenylhydrazine	ug/kg	76	76	U	66	66	U	65	65	U
Benzidine	ug/kg	1.70E+03	1.70E+03	UJ	1.30E+03	1.30E+03	UJ	1.30E+03	1.30E+03	UJ
Benzo(a)anthracene	ug/kg	8.5	8.5	U	7.4	7.4	U	7.2	7.2	U
Benzo(a)pyrene	ug/kg	8.5	8.5	U	7.4	7.4	U	7.2	7.2	U
Benzo(b)fluoranthene	ug/kg	8.5	8.5	U	7.4	7.4	U	7.2	7.2	U
Benzo(g,h,i)perylene	ug/kg	8.5	8.5	U	7.4	7.4	U	7.2	7.2	U
Benzo(k)fluoranthene	ug/kg	8.5	8.5	U	7.4	7.4	U	7.2	7.2	U
Biphenyl	ug/kg	8.5	8.5	U	7.4	7.4	U	7.2	7.2	U
Bis(2-chloroethoxy)methane	ug/kg	76	76	U	66	66	U	65	65	U
Bis(2-chloroethyl)ether	ug/kg	76	76	U	66	66	U	65	65	U
Bis(2-chloroisopropyl)ether	ug/kg	76	76	U	66	66	U	65	65	U
Bis(2-ethylhexyl)phthalate	ug/kg	460	460	U	400	400	U	390	390	U
Butyl benzyl phthalate	ug/kg	76	76	U	66	66	U	65	65	U
Chrysene	ug/kg	8.5	8.5	U	7.4	7.4	U	7.2	7.2	U
Dibenzo(a,h)anthracene	ug/kg	8.5	8.5	U	7.4	7.4	U	7.2	7.2	U
Dibenzothiophene	ug/kg	8.5	8.5	U	7.4	7.4	U	7.2	7.2	U
Diethyl phthalate	ug/kg	76	76	U	66	66	U	65	65	U
Dimethyl phthalate	ug/kg	76	76	U	66	66	U	65	65	U
Di-n-butyl phthalate	ug/kg	460	460	U	400	400	U	390	390	U
Di-n-octyl phthalate	ug/kg	76	76	U	66	66	U	65	65	U
Fluoranthene	ug/kg	8.5	8.5	U	7.4	7.4	U	7.2	7.2	U
Fluorene	ug/kg	8.5	8.5	U	7.4	7.4	U	7.2	7.2	U
Hexachlorobenzene	ug/kg	76	76	U	66	66	U	65	65	U
Hexachlorobutadiene	ug/kg	230	230	U	200	200	U	190	190	U
Hexachlorocyclopentadiene	ug/kg	76	76	U	66	66	U	65	65	UJ
Hexachloroethane	ug/kg	230	230	U	200	200	U	190	190	U

Table 2: Location 35 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	35-A	MDL	Remark	35-A Deep	MDL	Remark	35-B	MDL	Remark
Indeno(1,2,3-cd)pyrene	ug/kg	8.5	8.5	U	7.4	7.4	U	7.2	7.2	U
Isophorone	ug/kg	76	76	U	66	66	U	65	65	U
Naphthalene	ug/kg	8.5	8.5	U	7.4	7.4	U	7.2	7.2	U
Nitrobenzene	ug/kg	76	76	U	66	66	U	65	65	U
N-Nitrosodimethylamine	ug/kg	460	460	U	400	400	U	390	390	U
N-Nitrosodi-n-propylamine	ug/kg	76	76	U	66	66	U	65	65	U
N-Nitrosodiphenylamine/ Diphenylamine	ug/kg	76	76	U	66	66	U	65	65	U
Pentachlorophenol	ug/kg	76	76	U	66	66	U	65	65	U
Phenanthrene	ug/kg	8.5	8.5	U	7.4	7.4	U	7.2	7.2	U
Phenol	ug/kg	76	76	U	66	66	U	65	65	U
Pyrene	ug/kg	8.5	8.5	U	7.4	7.4	U	7.2	7.2	U
TRPH	mg/kg	18	13	I	11	11	U	11	11	U
Pesticides/Herbicides/PCBs	Units	35-A	MDL	Remark	35-A Deep	MDL	Remark	35-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 35 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	35-A	MDL	Remark	35-A Deep	MDL	Remark	35-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	0.37	0.37	U	0.36	0.36	U
Alpha-BHC	ug/Kg	0.42	0.42	U	0.37	0.37	U	0.36	0.36	U
Ametryn	ug/kg	2.1	2.1	U	1.8	1.8	U	1.8	1.8	U
Atrazine	ug/kg	2.1	2.1	U	1.8	1.8	U	1.8	1.8	U
Azinphos Methyl	ug/kg	6.4	6.4	UJ	5.5	5.5	U	5.4	5.4	U
Beta-BHC	ug/Kg	0.42	0.42	U	0.37	0.37	U	0.36	0.36	U
Bromacil	ug/kg	8.5	8.5	U	7.4	7.4	U	7.2	7.2	U
Chlordane	ug/Kg	6.4	6.4	U	5.5	5.5	U	5.4	5.4	U
Chlorpyrifos Ethyl	ug/kg	2.1	2.1	U	1.8	1.8	U	1.8	1.8	U
Chlorpyrifos Methyl	ug/kg	4.2	4.2	U	3.7	3.7	U	3.6	3.6	U
DDD-p,p'	ug/Kg	0.85	0.85	U	0.74	0.74	U	0.72	0.72	U
DDE-p,p'	ug/Kg	0.85	0.85	U	0.74	0.74	U	0.72	0.72	U
DDT-p,p'	ug/Kg	1.3	1.3	U	1.1	1.1	U	1.1	1.1	U
Delta-BHC	ug/Kg	0.85	0.85	U	0.74	0.74	U	0.72	0.72	U
Diazinon	ug/kg	2.1	2.1	U	1.8	1.8	U	1.8	1.8	U
Dieldrin	ug/Kg	0.42	0.42	U	0.37	0.37	U	0.36	0.36	U
Endosulfan I	ug/Kg	0.42	0.42	U	0.37	0.37	U	0.36	0.36	U
Endosulfan II	ug/Kg	0.42	0.42	U	0.37	0.37	U	0.36	0.36	U
Endosulfan Sulfate	ug/Kg	0.85	0.85	U	0.74	0.74	U	0.72	0.72	U
Endrin	ug/Kg	2.1	2.1	U	1.8	1.8	U	1.8	1.8	U
Endrin Aldehyde	ug/Kg	0.85	0.85	U	0.74	0.74	U	0.72	0.72	U
Ethion	ug/kg	2.1	2.1	U	1.8	1.8	U	1.8	1.8	U
Ethoprop	ug/kg	2.1	2.1	U	1.8	1.8	UJ	1.8	1.8	UJ
Fenamiphos	ug/kg	8.5	8.5	U	7.4	7.4	U	7.2	7.2	U
Fonofos	ug/kg	2.1	2.1	U	1.8	1.8	U	1.8	1.8	U
Gamma-BHC	ug/Kg	0.42	0.42	U	0.37	0.37	U	0.36	0.36	U
Heptachlor	ug/Kg	0.42	0.42	UJ	0.37	0.37	U	0.36	0.36	U

Table 2: Location 35 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	35-A	MDL	Remark	35-A Deep	MDL	Remark	35-B	MDL	Remark
Heptachlor Epoxide	ug/kg	0.42	0.42	U	0.37	0.37	U	0.36	0.36	U
Hexazinone	ug/kg	4.2	4.2	UJ	3.7	3.7	UJ	3.6	3.6	UJ
Malathion	ug/kg	4.2	4.2	U	3.7	3.7	U	3.6	3.6	U
Methamidophos	ug/kg	21	21	U	18	18	U	18	18	U
Methoxychlor	ug/kg	2.1	2.1	U	1.8	1.8	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	3.7	3.7	U	3.6	3.6	U
Mevinphos	ug/kg	8.5	8.5	U	7.4	7.4	U	7.2	7.2	U
Monocrotophos	ug/kg	21	21	UJ	18	18	U	18	18	U
Naled	ug/kg	17	17	U	15	15	U	14	14	U
Norflurazon	ug/kg	4.2	4.2	UJ	3.7	3.7	UJ	3.6	3.6	UJ
Parathion Ethyl	ug/kg	4.2	4.2	U	3.7	3.7	U	3.6	3.6	U
Parathion Methyl	ug/kg	4.2	4.2	U	3.7	3.7	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	7.4	7.4	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	7.4	7.4	U	7.2	7.2	U
PCB-1254	ug/Kg	8.5	8.5	U	7.4	7.4	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	1.8	1.8	U	1.8	1.8	U
Prometryn	ug/kg	4.2	4.2	U	3.7	3.7	U	3.6	3.6	U
Simazine	ug/kg	2.1	2.1	U	1.8	1.8	U	1.8	1.8	U
Toxaphene	ug/Kg	140	32		28	28	U	150	27	
Diquat	mg/Kg	0.049	0.049	U						
Paraquat	mg/Kg	0.061	0.061	U						
Metals	Units	35-A	MDL	Remark	35-A Deep	MDL	Remark	35-B	MDL	Remark
Mercury	mg/Kg	0.028	0.0076	I	0.015	0.0055	I	0.01	0.0052	I
Antimony	mg/Kg	0.25	0.25	U	0.25	0.25	U	0.25	0.25	U

Table 2: Location 35 Soil Sample Chemical Results

Metals	Units	35-A	MDL	Remark	35-A Deep	MDL	Remark	35-B	MDL	Remark
Arsenic	mg/Kg	0.81	0.1		0.45	0.098		0.56	0.098	
Barium	mg/Kg	22.1	0.1		10.2	0.098		6.97	0.098	
Beryllium	mg/Kg	0.19	0.04		0.17	0.039		0.071	0.039	I
Cadmium	mg/Kg	0.078	0.05	I	0.049	0.049	U	0.055	0.049	I
Chromium	mg/Kg	5.57	0.25		6.13	0.25		4.05	0.25	
Cobalt	mg/Kg	0.743	0.02		0.734	0.02		0.27	0.02	
Copper	mg/Kg	18.1	0.25		0.85	0.25	I	1.29	0.25	
Lead	mg/Kg	4.3	0.37		1.9	0.37		0.99	0.37	I
Nickel	mg/Kg	2.44	0.25		2.2	0.25		0.85	0.25	I
Selenium	mg/Kg	0.5	0.15	I	0.18	0.15	I	0.33	0.15	I
Silver	mg/Kg	0.013	0.012	I	0.012	0.012	U	0.012	0.012	U
Thallium	mg/Kg	0.05	0.05	U	0.049	0.049	U	0.049	0.049	U
Zinc	mg/Kg	30.2	2		2	2	U	14.3	2	
Dioxins/Furans	Units	35-A	MDL	Remark	35-A Deep	MDL	Remark	35-B	MDL	Remark
1,2,3,4,6,7,8-HpCDD	ng/Kg	2.02	2.49	I						
1,2,3,4,6,7,8-HpCDF	ng/Kg	0.276	2.49	U						
1,2,3,4,7,8,9-HpCDF	ng/Kg	0.0925	2.49	U						
1,2,3,4,7,8-HxCDD	ng/Kg	0.0832	2.49	U						
1,2,3,4,7,8-HxCDF	ng/Kg	0.0833	2.49	U						
1,2,3,6,7,8-HxCDD	ng/Kg	0.0747	2.49	U						
1,2,3,6,7,8-HxCDF	ng/Kg	0.0787	2.49	U						
1,2,3,7,8,9-HxCDD	ng/Kg	0.0789	2.49	U						
1,2,3,7,8,9-HxCDF	ng/Kg	0.106	2.49	U						
1,2,3,7,8-PeCDD	ng/Kg	0.0924	2.49	U						
1,2,3,7,8-PeCDF	ng/Kg	0.0578	2.49	U						
2,3,4,6,7,8-HxCDF	ng/Kg	0.0904	2.49	U						
2,3,4,7,8-PeCDF	ng/Kg	0.0573	2.49	U						
2,3,7,8-TCDD	ng/Kg	0.0955	0.997	U						
2,3,7,8-TCDF	ng/Kg	0.131	0.997	U						

Table 2: Location 35 Soil Sample Chemical Results

Dioxins/Furans	Units	35-A	MDL	Remark	35-A Deep	MDL	Remark	35-B	MDL	Remark
OCDD	ng/Kg	18.2	4.99	V						
OCDF	ng/Kg	2.17	4.99	I						
Total Hepta-Dioxins	ng/Kg	3.8	2.49							
Total Hepta-Furans	ng/Kg	0.0667	2.49	U						
Total Hexa-Dioxins	ng/Kg	0.0747	2.49	U						
Total Hexa-Furans	ng/Kg	0.0787	2.49	U						
Total Penta-Dioxins	ng/Kg	0.0924	2.49	U						
Total Penta-Furans	ng/Kg	0.0573	2.49	U						
Total Tetra-Dioxins	ng/Kg	0.0955	0.997	U						
Total Tetra-Furans	ng/Kg	1.55	0.997							
Calculated Total Toxicity Equivalents (TEQ)	Units	35-A			35-A Deep			35-B		
Dioxins as total 2,3,7,8-TCDD	ng/Kg	0.172								
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 35 Soil Sample Radionuclide Results

Radionuclides	Units	35-A	Remark	35-A Deep	Remark	35-B	Remark
Actinium-228	pCi/g	0.249	U	0.171	UJ	0.17	U
Actinium-228 Uncertainty	pCi/g	0.166		0.0926		0.0902	
Alpha Uncertainty	pCi/g	2.97		2.32		2.34	
Alpha, Total	pCi/g	5.91		3.26	U	3.1	
Americium-241	pCi/g	0.161	U	0.129	U	0.195	U
Americium-241 Uncertainty	pCi/g	0.0942		0.066		0.115	
Antimony-124	pCi/g	0.111	U	0.0844	U	0.104	U
Antimony-124 Uncertainty	pCi/g	0.0904		0.0512		0.0601	
Antimony-125	pCi/g	0.116	U	0.0726	U	0.0771	U
Antimony-125 Uncertainty	pCi/g	0.0723		0.0418		0.0442	
Barium-133	pCi/g	0.056	U	0.0335	U	0.032	U
Barium-133 Uncertainty	pCi/g	0.0386		0.0209		0.0205	
Barium-140	pCi/g	1.39	U	0.668	U	0.784	U
Barium-140 Uncertainty	pCi/g	0.825		0.376		0.487	
Beryllium-7	pCi/g	0.614	U	0.34	U	0.35	U
Beryllium-7 Uncertainty	pCi/g	0.398		0.188		0.214	
Beta Uncertainty	pCi/g	5.24		2.21		1.61	
Beta, Total	pCi/g	32.3		3.92	U	2.86	U
Bismuth-212	pCi/g	0.587	U	0.429	U	0.426	U
Bismuth-212 Uncertainty	pCi/g	0.413		0.246		0.25	
Bismuth-214	pCi/g	0.167	UJ	0.312		0.932	
Bismuth-214 Uncertainty	pCi/g	0.102		0.0767		0.134	
Cerium-139	pCi/g	0.0469	U	0.0272	U	0.0302	U
Cerium-139 Uncertainty	pCi/g	0.0278		0.015		0.0169	
Cerium-141	pCi/g	0.134	U	0.0818	U	0.091	U
Cerium-141 Uncertainty	pCi/g	0.0863		0.047		0.0522	
Cerium-144	pCi/g	0.282	U	0.156	U	0.175	U
Cerium-144 Uncertainty	pCi/g	0.165		0.0904		0.0976	

Table 3: Location 35 Soil Sample Radionuclide Results

Radionuclides	Units	35-A	Remark	35-A Deep	Remark	35-B	Remark
Cesium-134	pCi/g	0.0574	U	0.0371	U	0.0423	UJ
Cesium-134 Uncertainty	pCi/g	0.0369		0.021		0.0356	
Cesium-136	pCi/g	0.419	U	0.229	U	0.251	U
Cesium-136 Uncertainty	pCi/g	0.261		0.139		0.16	
Cesium-137	pCi/g	0.0532		0.028	U	0.0297	U
Cesium-137 Uncertainty	pCi/g	0.0415		0.0175		0.0174	
Chromium-51	pCi/g	0.912	U	0.549	U	0.548	U
Chromium-51 Uncertainty	pCi/g	0.553		0.302		0.326	
Cobalt-56	pCi/g	0.0587	U	0.0409	U	0.0421	U
Cobalt-56 Uncertainty	pCi/g	0.0363		0.0241		0.0242	
Cobalt-57	pCi/g	0.0344	U	0.0189	U	0.0227	U
Cobalt-57 Uncertainty	pCi/g	0.0217		0.0106		0.0129	
Cobalt-58	pCi/g	0.0594	U	0.0345	U	0.0329	U
Cobalt-58 Uncertainty	pCi/g	0.0347		0.0216		0.0251	
Cobalt-60	pCi/g	0.0434	U	0.0284	U	0.0314	U
Cobalt-60 Uncertainty	pCi/g	0.0292		0.019		0.0177	
Europium-152	pCi/g	0.134	U	0.0774	U	0.0904	U
Europium-152 Uncertainty	pCi/g	0.0818		0.0485		0.0508	
Europium-154	pCi/g	0.109	U	0.098	U	0.0922	U
Europium-154 Uncertainty	pCi/g	0.0714		0.0513		0.0545	
Europium-155	pCi/g	0.138	U	0.0751	U	0.0904	U
Europium-155 Uncertainty	pCi/g	0.0816		0.0426		0.0506	
Iridium-192	pCi/g	0.0613	U	0.0337	U	0.039	U
Iridium-192 Uncertainty	pCi/g	0.0363		0.0192		0.0218	
Iron-59	pCi/g	0.127	U	0.084	U	0.102	U
Iron-59 Uncertainty	pCi/g	0.083		0.0498		0.0622	
Lead-210	pCi/g	3.98	U	3.76	U	7.86	U
Lead-210 Uncertainty	pCi/g	2.43		1.91		4.31	

Table 3: Location 35 Soil Sample Radionuclide Results

Radionuclides	Units	35-A	Remark	35-A Deep	Remark	35-B	Remark
Lead-212	pCi/g	0.122		0.215		0.141	
Lead-212 Uncertainty	pCi/g	0.0845		0.0485		0.0489	
Lead-214	pCi/g	0.162	UJ	0.378		1.16	
Lead-214 Uncertainty	pCi/g	0.114		0.0889		0.155	
Manganese-54	pCi/g	0.0527	U	0.0291	U	0.0299	U
Manganese-54 Uncertainty	pCi/g	0.0299		0.0174		0.0197	
Mercury-203	pCi/g	0.0727	U	0.0479	U	0.0503	U
Mercury-203 Uncertainty	pCi/g	0.0449		0.0257		0.0263	
Neodymium-147	pCi/g	3.14	U	1.89	U	1.94	U
Neodymium-147 Uncertainty	pCi/g	1.93		1.05		1.16	
Neptunium-239	pCi/g	0.511	U	0.297	U	0.339	U
Neptunium-239 Uncertainty	pCi/g	0.313		0.169		0.188	
Niobium-94	pCi/g	0.0473	U	0.0294	U	0.0255	U
Niobium-94 Uncertainty	pCi/g	0.0295		0.0167		0.015	
Niobium-95	pCi/g	0.0641	U	0.0369	U	0.0414	U
Niobium-95 Uncertainty	pCi/g	0.0411		0.0214		0.0276	
Potassium-40	pCi/g	1.19		0.394		2.63	
Potassium-40 Uncertainty	pCi/g	0.633		0.287		0.527	
Promethium-144	pCi/g	0.0467	U	0.0285	U	0.031	U
Promethium-144 Uncertainty	pCi/g	0.0308		0.0165		0.017	
Promethium-146	pCi/g	0.053	U	0.0308	U	0.0362	U
Promethium-146 Uncertainty	pCi/g	0.0328		0.0195		0.0203	
Radium-228	pCi/g	0.249	U	0.171	UJ	0.17	U
Radium-228 Uncertainty	pCi/g	0.166		0.0926		0.0902	
Ruthenium-106	pCi/g	0.399	U	0.269	U	0.249	U
Ruthenium-106 Uncertainty	pCi/g	0.242		0.145		0.145	
Silver-110m	pCi/g	0.0664	U	0.0438	U	0.041	U
Silver-110m Uncertainty	pCi/g	0.038		0.0229		0.0232	

Table 3: Location 35 Soil Sample Radionuclide Results

Radionuclides	Units	35-A	Remark	35-A Deep	Remark	35-B	Remark
Sodium-22	pCi/g	0.0386	U	0.0351	U	0.332	U
Sodium-22 Uncertainty	pCi/g	0.0254		0.0179		0.0191	
Thallium-208	pCi/g	0.104		0.0699		0.0407	U
Thallium-208 Uncertainty	pCi/g	0.0482		0.0295		0.0226	
Thorium-234	pCi/g	1.63	U	1.13	U	1.71	U
Thorium-234 Uncertainty	pCi/g	0.973		0.616		0.946	
Tin-113	pCi/g	0.0692	U	0.0386	U	0.0443	U
Tin-113 Uncertainty	pCi/g	0.0416		0.0235		0.0257	
Uranium-235	pCi/g	0.281	U	0.168	U	0.185	U
Uranium-235 Uncertainty	pCi/g	0.172		0.0963		0.101	
Uranium-238	pCi/g	1.63	U	1.13	U	1.71	U
Uranium-238 Uncertainty	pCi/g	0.973		0.616		0.946	
Yttrium-88	pCi/g	0.05	U	0.0381	U	0.032	U
Yttrium-88 Uncertainty	pCi/g	0.0267		0.022		0.0206	
Zinc-65	pCi/g	0.119	U	0.0532	U	0.0781	U
Zinc-65 Uncertainty	pCi/g	0.0723		0.0368		0.0464	
Zirconium-95	pCi/g	0.106	U	0.0623	U	0.064	U
Zirconium-95 Uncertainty	pCi/g	0.0682		0.0354		0.0385	

Location 36

Table 1: Summary of Residential SCTL Exceedances in Soil Samples Collected from Location 36
March/April 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation

Analyte	Residential SCTL	36-A	36-A Deep	36-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 36 Soil Sample Chemical Results

Volatile Organic Compounds	Units	36-A	MDL	Remark	36-A Deep	MDL	Remark	36-B	MDL	Remark
1,1,1-Trichloroethane	ug/kg	7.1	7.1	U	8.3	8.3	UJ	5.6	5.6	U
1,1,2,2-Tetrachloroethane	ug/kg	18	18	U	21	21	U	14	14	U
1,1,2-Trichloroethane	ug/kg	7.1	7.1	U	8.3	8.3	U	5.6	5.6	U
1,1-Dichloroethane	ug/kg	7.1	7.1	U	8.3	8.3	U	5.6	5.6	U
1,1-Dichloroethene	ug/kg	18	18	U	21	21	U	14	14	U
1,2-Dichlorobenzene	ug/kg	18	18	U	21	21	U	14	14	U
1,2-Dichloroethane	ug/kg	7.1	7.1	U	8.3	8.3	U	5.6	5.6	U
1,2-Dichloropropane	ug/kg	18	18	U	21	21	U	14	14	U
1,3-Dichlorobenzene	ug/kg	18	18	U	21	21	U	14	14	U
1,4-Dichlorobenzene	ug/kg	18	18	U	21	21	U	14	14	U
2-Butanone	ug/kg	180	180	U	210	210	U	140	140	U
2-Chloroethylvinyl ether	ug/kg	18	18	U	21	21	U	14	14	U
Benzene	ug/kg	7.1	7.1	U	8.3	8.3	U	5.6	5.6	U
Bromodichloromethane	ug/kg	7.1	7.1	U	8.3	8.3	UJ	5.6	5.6	U
Bromoform	ug/kg	18	18	UJ	21	21	UJ	14	14	UJ
Bromomethane	ug/kg	18	18	U	21	21	UJ	14	14	U
Carbon tetrachloride	ug/kg	7.1	7.1	U	8.3	8.3	UJ	5.6	5.6	U
Chlorobenzene	ug/kg	7.1	7.1	U	8.3	8.3	U	5.6	5.6	U
Chloroethane	ug/kg	18	18	U	21	21	UJ	14	14	U
Chloroform	ug/kg	7.1	7.1	U	8.3	8.3	U	5.6	5.6	U
Chloromethane	ug/kg	18	18	U	21	21	U	14	14	U
cis-1,2-Dichloroethene	ug/kg	18	18	U	21	21	U	14	14	U
cis-1,3-Dichloropropene	ug/kg	18	18	U	21	21	UJ	14	14	U
Dibromochloromethane	ug/kg	7.1	7.1	U	8.3	8.3	UJ	5.6	5.6	U
Ethylbenzene	ug/kg	18	18	U	21	21	U	14	14	U
m,p-Xylene	ug/kg	18	18	U	21	21	U	14	14	U
Methylene chloride	ug/kg	18	18	U	21	21	U	14	14	U
Methyl-t-butyl ether	ug/kg	18	18	U	21	21	U	14	14	U
o-Xylene	ug/kg	7.1	7.1	U	8.3	8.3	U	5.6	5.6	U

Table 2: Location 36 Soil Sample Chemical Results

Volatile Organic Compounds	Units	36-A	MDL	Remark	36-A Deep	MDL	Remark	36-B	MDL	Remark
Tetrachloroethene	ug/kg	18	18	U	21	21	U	14	14	U
Toluene	ug/kg	18	18	U	21	21	U	14	14	U
trans-1,2-Dichloroethene	ug/kg	18	18	U	21	21	U	14	14	U
trans-1,3-Dichloropropene	ug/kg	7.1	7.1	U	8.3	8.3	UJ	5.6	5.6	U
Trichloroethene	ug/kg	7.1	7.1	U	8.3	8.3	U	5.6	5.6	U
Trichlorofluoromethane	ug/kg	18	18	U	21	21	U	14	14	U
Vinyl chloride	ug/kg	18	18	U	21	21	U	14	14	U
Semi-Volatile Organic Compounds	Units	36-A	MDL	Remark	36-A Deep	MDL	Remark	36-B	MDL	Remark
1,2,4-Trichlorobenzene	ug/kg	220	220	U	210	210	U	220	220	U
1-Methylnaphthalene	ug/kg	8.1	8.1	U	7.6	7.6	U	8.1	8.1	U
1-Methylphenanthrene	ug/kg	8.1	8.1	U	7.6	7.6	U	8.1	8.1	U
2,3,5-Trimethylnaphthalene	ug/kg	8.1	8.1	U	7.6	7.6	U	8.1	8.1	U
2,4,6-Trichlorophenol	ug/kg	73	73	U	68	68	U	73	73	U
2,4-Dichlorophenol	ug/kg	73	73	U	68	68	U	73	73	U
2,4-Dimethylphenol	ug/kg	440	440	U	410	410	U	440	440	U
2,4-Dinitrophenol	ug/kg	440	440	UJ	410	410	UJ	440	440	UJ
2,4-Dinitrotoluene	ug/kg	73	73	U	68	68	U	73	73	U
2,6-Dimethylnaphthalene	ug/kg	8.1	8.1	U	7.6	7.6	U	8.1	8.1	U
2,6-Dinitrotoluene	ug/kg	73	73	U	68	68	U	73	73	U
2-Chloronaphthalene	ug/kg	73	73	U	68	68	U	73	73	U
2-Chlorophenol	ug/kg	220	220	U	210	210	U	220	220	U
2-Methyl-4,6-dinitrophenol	ug/kg	73	73	U	68	68	U	73	73	U
2-Methylnaphthalene	ug/Kg	8.1	8.1	U	7.6	7.6	U	8.1	8.1	U
2-Nitrophenol	ug/kg	73	73	U	68	68	U	73	73	U
3,3'-Dichlorobenzidine	ug/kg	4.40E+03	4.40E+03	UJ	4.00E+03	4.00E+03	UJ	4.40E+03	4.40E+03	UJ
4-Bromophenyl phenyl ether	ug/kg	73	73	U	68	68	U	73	73	U
4-Chloro-3-methylphenol	ug/kg	73	73	U	68	68	U	73	73	U
4-Chlorophenyl phenyl ether	ug/kg	73	73	U	68	68	U	73	73	U
4-Nitrophenol	ug/kg	73	73	U	68	68	U	73	73	U

Table 2: Location 36 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	36-A	MDL	Remark	36-A Deep	MDL	Remark	36-B	MDL	Remark
Acenaphthene	ug/kg	8.1	8.1	U	7.6	7.6	U	8.1	8.1	U
Acenaphthylene	ug/kg	8.1	8.1	U	7.6	7.6	U	8.1	8.1	U
Anthracene	ug/kg	8.1	8.1	U	7.6	7.6	U	8.1	8.1	U
Azobenzene/1,2-Diphenylhydrazine	ug/kg	73	73	U	68	68	U	73	73	U
Benzidine	ug/kg	1.60E+03	1.60E+03	U	1.50E+03	1.50E+03	U	1.60E+03	1.60E+03	U
Benzo(a)anthracene	ug/kg	8.1	8.1	U	7.6	7.6	U	8.1	8.1	U
Benzo(a)pyrene	ug/kg	8.1	8.1	U	7.6	7.6	U	8.1	8.1	U
Benzo(b)fluoranthene	ug/kg	8.1	8.1	U	7.6	7.6	U	13	8.1	I
Benzo(g,h,i)perylene	ug/kg	8.1	8.1	U	7.6	7.6	U	8.1	8.1	U
Benzo(k)fluoranthene	ug/kg	8.1	8.1	U	7.6	7.6	U	8.1	8.1	U
Biphenyl	ug/kg	8.1	8.1	U	7.6	7.6	U	8.1	8.1	U
Bis(2-chloroethoxy)methane	ug/kg	73	73	U	68	68	U	73	73	U
Bis(2-chloroethyl)ether	ug/kg	73	73	U	68	68	U	73	73	U
Bis(2-chloroisopropyl)ether	ug/kg	73	73	U	68	68	U	73	73	U
Bis(2-ethylhexyl)phthalate	ug/kg	440	440	U	2.50E+03	2.50E+03	U	2.70E+03	2.70E+03	U
Butyl benzyl phthalate	ug/kg	73	73	U	68	68	U	73	73	U
Chrysene	ug/kg	8.1	8.1	U	7.6	7.6	U	8.9	8.1	I
Dibenzo(a,h)anthracene	ug/kg	8.1	8.1	U	7.6	7.6	U	8.1	8.1	U
Dibenzothiophene	ug/kg	8.1	8.1	U	7.6	7.6	U	8.1	8.1	U
Diethyl phthalate	ug/kg	73	73	U	68	68	U	73	73	U
Dimethyl phthalate	ug/kg	73	73	U	68	68	U	73	73	U
Di-n-butyl phthalate	ug/kg	440	440	U	410	410	U	440	440	U
Di-n-octyl phthalate	ug/kg	73	73	U	68	68	U	73	73	U
Fluoranthene	ug/kg	8.1	8.1	U	7.6	7.6	U	9.7	8.1	I
Fluorene	ug/kg	8.1	8.1	U	7.6	7.6	U	8.1	8.1	U
Hexachlorobenzene	ug/kg	73	73	U	68	68	U	73	73	U
Hexachlorobutadiene	ug/kg	220	220	U	210	210	U	220	220	U
Hexachlorocyclopentadiene	ug/kg	73	73	U	68	68	U	73	73	U
Hexachloroethane	ug/kg	220	220	U	210	210	U	220	220	U

Table 2: Location 36 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	36-A	MDL	Remark	36-A Deep	MDL	Remark	36-B	MDL	Remark
Indeno(1,2,3-cd)pyrene	ug/kg	8.1	8.1	U	7.6	7.6	U	8.1	8.1	U
Isophorone	ug/kg	73	73	U	68	68	U	73	73	U
Naphthalene	ug/kg	8.1	8.1	U	7.6	7.6	U	8.1	8.1	U
Nitrobenzene	ug/kg	73	73	U	68	68	U	73	73	U
N-Nitrosodimethylamine	ug/kg	440	440	U	410	410	U	440	440	U
N-Nitrosodi-n-propylamine	ug/kg	73	73	U	68	68	U	73	73	U
N-Nitrosodiphenylamine/ Diphenylamine	ug/kg	73	73	U	68	68	U	73	73	U
Pentachlorophenol	ug/kg	73	73	U	68	68	U	73	73	U
Phenanthrene	ug/kg	8.1	8.1	U	7.6	7.6	U	8.1	8.1	U
Phenol	ug/kg	73	73	U	68	68	U	73	73	U
Pyrene	ug/kg	8.1	8.1	U	7.6	7.6	U	9.7	8.1	I
TRPH	mg/kg	13	13	I	12	12	U	13	13	I
Pesticides/Herbicides/PCBs	Units	36-A	MDL	Remark	36-A Deep	MDL	Remark	36-B	MDL	Remark
2,4,5-T	ug/kg	7.9	7.9	U						
2,4-D	ug/kg	7.9	7.9	UJ						
3-Hydroxycarbofuran	ug/kg	0.61	0.61	UJ						
Acifluorfen	ug/kg	7.9	7.9	UJ						
Aldicarb	ug/kg	0.61	0.61	UJ						
Aldicarb Sulfone	ug/kg	0.61	0.61	UJ						
Aldicarb Sulfoxide	ug/kg	0.61	0.61	UJ						
Carbaryl	ug/kg	0.61	0.61	UJ						
Carbofuran	ug/kg	0.61	0.61	UJ						
Diuron	ug/kg	7.3	7.3	U						
Imidacloprid	ug/kg	7.3	7.3	U						
Linuron	ug/kg	7.3	7.3	U						
Methiocarb	ug/kg	0.61	0.61	UJ						
Methomyl	ug/kg	0.61	0.61	UJ						
Oxamyl	ug/kg	0.61	0.61	UJ						
Propoxur	ug/kg	0.61	0.61	UJ						

Table 2: Location 36 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	36-A	MDL	Remark	36-A Deep	MDL	Remark	36-B	MDL	Remark
Silvex	ug/kg	7.9	7.9	U						
Alachlor	ug/kg	12	12	U	11	11	U	12	12	U
Aldrin	ug/Kg	0.4	0.4	U	0.38	0.38	U	0.4	0.4	U
Alpha-BHC	ug/Kg	0.4	0.4	U	0.38	0.38	U	0.4	0.4	U
Ametryn	ug/kg	2	2	U	1.9	1.9	U	2	2	U
Atrazine	ug/kg	2	2	U	1.9	1.9	U	2	2	U
Azinphos Methyl	ug/kg	6	6	UJ	5.7	5.7	U	6	6	U
Beta-BHC	ug/Kg	0.4	0.4	U	0.38	0.38	U	0.4	0.4	U
Bromacil	ug/kg	8.1	8.1	U	7.6	7.6	U	8.1	8.1	U
Chlordane	ug/Kg	6	6	U	5.7	5.7	U	6	6	U
Chlorpyrifos Ethyl	ug/kg	2	2	U	1.9	1.9	U	2	2	U
Chlorpyrifos Methyl	ug/kg	4	4	U	3.8	3.8	U	4	4	U
DDD-p,p'	ug/Kg	0.81	0.81	U	0.76	0.76	U	0.81	0.81	U
DDE-p,p'	ug/Kg	0.81	0.81	U	0.76	0.76	U	0.81	0.81	U
DDT-p,p'	ug/Kg	1.2	1.2	U	1.1	1.1	U	1.2	1.2	U
Delta-BHC	ug/Kg	0.81	0.81	U	0.76	0.76	U	0.81	0.81	U
Diazinon	ug/kg	2	2	U	1.9	1.9	U	2	2	U
Dieldrin	ug/Kg	0.4	0.4	U	0.38	0.38	U	0.4	0.4	U
Endosulfan I	ug/Kg	0.4	0.4	U	0.38	0.38	U	0.4	0.4	U
Endosulfan II	ug/Kg	0.4	0.4	U	0.38	0.38	U	0.4	0.4	U
Endosulfan Sulfate	ug/Kg	0.81	0.81	U	0.76	0.76	U	0.81	0.81	U
Endrin	ug/Kg	2	2	U	1.9	1.9	U	2	2	U
Endrin Aldehyde	ug/Kg	0.81	0.81	U	0.76	0.76	U	0.81	0.81	U
Ethion	ug/kg	2	2	U	1.9	1.9	U	2	2	U
Ethoprop	ug/kg	2	2	U	1.9	1.9	UJ	2	2	UJ
Fenamiphos	ug/kg	8.1	8.1	U	7.6	7.6	U	8.1	8.1	U
Fonofos	ug/kg	2	2	U	1.9	1.9	U	2	2	U
Gamma-BHC	ug/Kg	0.4	0.4	U	0.38	0.38	U	0.4	0.4	U
Heptachlor	ug/Kg	0.4	0.4	UJ	0.38	0.38	U	0.4	0.4	U

Table 2: Location 36 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	36-A	MDL	Remark	36-A Deep	MDL	Remark	36-B	MDL	Remark
Heptachlor Epoxide	ug/kg	0.4	0.4	U	0.38	0.38	U	0.4	0.4	U
Hexazinone	ug/kg	4	4	UJ	3.8	3.8	UJ	4	4	UJ
Malathion	ug/kg	4	4	U	3.8	3.8	U	4	4	U
Methamidophos	ug/kg	20	20	U	19	19	U	20	20	U
Methoxychlor	ug/kg	2	2	U	1.9	1.9	U	2	2	U
Metolachlor	ug/kg	12	12	U	11	11	U	12	12	U
Metribuzin	ug/kg	4	4	U	3.8	3.8	U	4	4	U
Mevinphos	ug/kg	8.1	8.1	U	7.6	7.6	U	8.1	8.1	U
Monocrotophos	ug/kg	20	20	UJ	19	19	U	20	20	U
Naled	ug/kg	16	16	U	15	15	U	16	16	U
Norflurazon	ug/kg	4	4	UJ	3.8	3.8	UJ	4	4	UJ
Parathion Ethyl	ug/kg	4	4	U	3.8	3.8	U	4	4	U
Parathion Methyl	ug/kg	4	4	U	3.8	3.8	U	4	4	U
PCB-1016	ug/Kg	12	12	U	11	11	U	12	12	U
PCB-1221	ug/Kg	8.1	8.1	U	7.6	7.6	U	8.1	8.1	U
PCB-1232	ug/Kg	18	18	U	17	17	U	18	18	U
PCB-1242	ug/Kg	12	12	U	11	11	U	12	12	U
PCB-1248	ug/Kg	8.1	8.1	U	7.6	7.6	U	8.1	8.1	U
PCB-1254	ug/Kg	8.1	8.1	U	7.6	7.6	U	8.1	8.1	U
PCB-1260	ug/Kg	12	12	U	11	11	U	12	12	U
Phorate	ug/kg	2	2	U	1.9	1.9	U	2	2	U
Prometryn	ug/kg	4	4	U	3.8	3.8	U	4	4	U
Simazine	ug/kg	2	2	U	1.9	1.9	U	2	2	U
Toxaphene	ug/Kg	30	30	U	29	29	U	30	30	U
Diquat	mg/Kg	0.05	0.05	UJ						
Paraquat	mg/Kg	0.062	0.062	U						
Metals	Units	36-A	MDL	Remark	36-A Deep	MDL	Remark	36-B	MDL	Remark
Mercury	mg/Kg	0.018	0.0062	I	0.016	0.0055	I	0.033	0.0059	
Antimony	mg/Kg	0.24	0.24	U	0.25	0.25	U	0.25	0.25	U

Table 2: Location 36 Soil Sample Chemical Results

Metals	Units	36-A	MDL	Remark	36-A Deep	MDL	Remark	36-B	MDL	Remark
Arsenic	mg/Kg	0.97	0.097		0.8	0.098		1.65	0.098	
Barium	mg/Kg	9.08	0.097		7.01	0.098		9.05	0.098	
Beryllium	mg/Kg	0.12	0.039	I	0.18	0.039		0.1	0.039	I
Cadmium	mg/Kg	0.064	0.049	I	0.049	0.049	U	0.093	0.049	I
Chromium	mg/Kg	4.93	0.24		7.07	0.25		5.04	0.25	
Cobalt	mg/Kg	0.68	0.019		0.612	0.02		0.547	0.02	
Copper	mg/Kg	7.54	0.24		1.32	0.25		8.86	0.25	
Lead	mg/Kg	3.7	0.36		3.1	0.37		3.9	0.37	
Nickel	mg/Kg	1.84	0.24		1.96	0.25		1.48	0.25	
Selenium	mg/Kg	0.26	0.15	I	0.21	0.15	I	0.3	0.15	I
Silver	mg/Kg	0.012	0.012	U	0.012	0.012	U	0.014	0.012	I
Thallium	mg/Kg	0.049	0.049	U	0.049	0.049	U	0.049	0.049	U
Zinc	mg/Kg	70.3	1.9		11.8	2		90.1	2	
Dioxins/Furans	Units	36-A	MDL	Remark	36-A Deep	MDL	Remark	36-B	MDL	Remark
1,2,3,4,6,7,8-HpCDD	ng/Kg	1.62	3.26	I						
1,2,3,4,6,7,8-HpCDF	ng/Kg	0.192	3.26	I						
1,2,3,4,7,8,9-HpCDF	ng/Kg	0.0842	3.26	U						
1,2,3,4,7,8-HxCDD	ng/Kg	0.0995	3.26	U						
1,2,3,4,7,8-HxCDF	ng/Kg	0.0582	3.26	U						
1,2,3,6,7,8-HxCDD	ng/Kg	0.0893	3.26	U						
1,2,3,6,7,8-HxCDF	ng/Kg	0.0549	3.26	U						
1,2,3,7,8,9-HxCDD	ng/Kg	0.0945	3.26	U						
1,2,3,7,8,9-HxCDF	ng/Kg	0.0739	3.26	U						
1,2,3,7,8-PeCDD	ng/Kg	0.11	3.26	U						
1,2,3,7,8-PeCDF	ng/Kg	0.108	3.26	U						
2,3,4,6,7,8-HxCDF	ng/Kg	0.0631	3.26	U						
2,3,4,7,8-PeCDF	ng/Kg	0.107	3.26	U						
2,3,7,8-TCDD	ng/Kg	0.0897	1.3	U						
2,3,7,8-TCDF	ng/Kg	0.134	1.3	U						

Table 2: Location 36 Soil Sample Chemical Results

Dioxins/Furans	Units	36-A	MDL	Remark	36-A Deep	MDL	Remark	36-B	MDL	Remark
OCDD	ng/Kg	10.4	6.52	V						
OCDF	ng/Kg	0.445	6.52	U						
Total Hepta-Dioxins	ng/Kg	6.01	3.26							
Total Hepta-Furans	ng/Kg	0.192	3.26	I						
Total Hexa-Dioxins	ng/Kg	0.639	3.26	I						
Total Hexa-Furans	ng/Kg	0.13	3.26	I						
Total Penta-Dioxins	ng/Kg	0.11	3.26	U						
Total Penta-Furans	ng/Kg	0.107	3.26	U						
Total Tetra-Dioxins	ng/Kg	0.0897	1.3	U						
Total Tetra-Furans	ng/Kg	2.25	1.3							
Calculated Total Toxicity Equivalents (TEQ)	Units	36-A			36-A Deep			36-B		
Dioxins as total 2,3,7,8-TCDD	ng/Kg	0.182								
Total Benzo(a)pyrene	mg/Kg							0.01		

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

Table 3: Location 36 Soil Sample Radionuclide Results

Radionuclides	Units	36-A	Remark	36-A Deep	Remark	36-B	Remark
Actinium-228	pCi/g	0.171	UJ	0.32		0.2	UJ
Actinium-228 Uncertainty	pCi/g	0.145		0.126		0.116	
Alpha Uncertainty	pCi/g	2.64		2.47		2.11	
Alpha, Total	pCi/g	4.83		4.34		3.13	U
Americium-241	pCi/g	0.0984	U	0.0964	U	0.107	U
Americium-241 Uncertainty	pCi/g	0.0542		0.0539		0.0678	
Antimony-124	pCi/g	0.0805	U	0.102	U	0.126	U
Antimony-124 Uncertainty	pCi/g	0.0481		0.0626		0.0776	
Antimony-125	pCi/g	0.0703	U	0.0704	U	0.0827	U
Antimony-125 Uncertainty	pCi/g	0.0428		0.0436		0.046	
Barium-133	pCi/g	0.0339	U	0.0347	U	0.0406	U
Barium-133 Uncertainty	pCi/g	0.0225		0.0248		0.0261	
Barium-140	pCi/g	0.78	U	0.927	U	1	U
Barium-140 Uncertainty	pCi/g	0.457		0.507		0.562	
Beryllium-7	pCi/g	0.371	U	0.386	U	0.449	U
Beryllium-7 Uncertainty	pCi/g	0.226		0.222		0.261	
Beta Uncertainty	pCi/g	1.77		1.7		2.21	
Beta, Total	pCi/g	2.81	U	3.08	U	3.54	U
Bismuth-212	pCi/g	0.436	U	0.593	UJ	0.57	U
Bismuth-212 Uncertainty	pCi/g	0.27		0.306		0.302	
Bismuth-214	pCi/g	0.216		0.44		0.133	U
Bismuth-214 Uncertainty	pCi/g	0.0696		0.0999		0.108	
Cerium-139	pCi/g	0.0284	U	0.0277	U	0.0313	U
Cerium-139 Uncertainty	pCi/g	0.0163		0.015		0.0183	
Cerium-141	pCi/g	0.0947	U	0.0859	U	0.0992	U
Cerium-141 Uncertainty	pCi/g	0.0577		0.0464		0.0598	
Cerium-144	pCi/g	0.178	U	0.163	U	0.181	U
Cerium-144 Uncertainty	pCi/g	0.0963		0.0905		0.11	

Table 3: Location 36 Soil Sample Radionuclide Results

Radionuclides	Units	36-A	Remark	36-A Deep	Remark	36-B	Remark
Cesium-134	pCi/g	0.0353	U	0.0443	U	0.0495	U
Cesium-134 Uncertainty	pCi/g	0.0228		0.0227		0.0265	
Cesium-136	pCi/g	0.269	U	0.316	U	0.375	U
Cesium-136 Uncertainty	pCi/g	0.163		0.189		0.203	
Cesium-137	pCi/g	0.0327	U	0.0344	U	0.114	
Cesium-137 Uncertainty	pCi/g	0.0188		0.0199		0.0406	
Chromium-51	pCi/g	0.549	U	0.582	U	0.614	U
Chromium-51 Uncertainty	pCi/g	0.324		0.354		0.355	
Cobalt-56	pCi/g	0.0387	U	0.0411	U	0.0527	U
Cobalt-56 Uncertainty	pCi/g	0.022		0.0232		0.0325	
Cobalt-57	pCi/g	0.0222	U	0.0203	U	0.0253	U
Cobalt-57 Uncertainty	pCi/g	0.013		0.0109		0.0147	
Cobalt-58	pCi/g	0.0393	U	0.0356	U	0.0392	U
Cobalt-58 Uncertainty	pCi/g	0.0225		0.0201		0.0312	
Cobalt-60	pCi/g	0.0278	U	0.0318	U	0.0408	U
Cobalt-60 Uncertainty	pCi/g	0.0193		0.0187		0.0247	
Europium-152	pCi/g	0.0798	U	0.0853	U	0.0821	U
Europium-152 Uncertainty	pCi/g	0.052		0.0537		0.0517	
Europium-154	pCi/g	0.0786	U	0.0878	U	0.0949	U
Europium-154 Uncertainty	pCi/g	0.0462		0.0502		0.0525	
Europium-155	pCi/g	0.0858	U	0.0829	U	0.0877	U
Europium-155 Uncertainty	pCi/g	0.0496		0.0426		0.0525	
Iridium-192	pCi/g	0.0365	U	0.0352	U	0.0402	U
Iridium-192 Uncertainty	pCi/g	0.0208		0.0197		0.0228	
Iron-59	pCi/g	0.0919	U	0.0733	U	0.115	U
Iron-59 Uncertainty	pCi/g	0.055		0.0516		0.065	
Lead-210	pCi/g	2.42	U	2.19	U	1.97	U
Lead-210 Uncertainty	pCi/g	1.47		1.22		1.11	

Table 3: Location 36 Soil Sample Radionuclide Results

Radionuclides	Units	36-A	Remark	36-A Deep	Remark	36-B	Remark
Lead-212	pCi/g	0.241		0.347		0.163	
Lead-212 Uncertainty	pCi/g	0.0557		0.0693		0.0745	
Lead-214	pCi/g	0.235		0.43		0.246	
Lead-214 Uncertainty	pCi/g	0.0765		0.107		0.0811	
Manganese-54	pCi/g	0.0272	U	0.034	U	0.0313	U
Manganese-54 Uncertainty	pCi/g	0.0164		0.0194		0.0216	
Mercury-203	pCi/g	0.0485	U	0.0437	U	0.0542	U
Mercury-203 Uncertainty	pCi/g	0.0277		0.0267		0.0296	
Neodymium-147	pCi/g	2.07	U	1.99	U	2.42	U
Neodymium-147 Uncertainty	pCi/g	1.16		1.17		1.38	
Neptunium-239	pCi/g	0.302	U	0.305	U	0.367	U
Neptunium-239 Uncertainty	pCi/g	0.187		0.163		0.211	
Niobium-94	pCi/g	0.0284	U	0.0327	U	0.0317	U
Niobium-94 Uncertainty	pCi/g	0.0164		0.0185		0.0189	
Niobium-95	pCi/g	0.0409	U	0.0445	U	0.0515	U
Niobium-95 Uncertainty	pCi/g	0.0241		0.0274		0.0295	
Potassium-40	pCi/g	0.79		0.609		0.738	
Potassium-40 Uncertainty	pCi/g	0.355		0.308		0.46	
Promethium-144	pCi/g	0.0288	U	0.0325	U	0.0375	U
Promethium-144 Uncertainty	pCi/g	0.0186		0.0203		0.0222	
Promethium-146	pCi/g	0.0356	U	0.0387	U	0.0403	U
Promethium-146 Uncertainty	pCi/g	0.0205		0.0207		0.0245	
Radium-228	pCi/g	0.171	UJ	0.32		0.2	UJ
Radium-228 Uncertainty	pCi/g	0.145		0.126		0.116	
Ruthenium-106	pCi/g	0.253	U	0.244	U	0.249	U
Ruthenium-106 Uncertainty	pCi/g	0.15		0.152		0.165	
Silver-110m	pCi/g	0.0397	U	0.0484	U	0.0478	U
Silver-110m Uncertainty	pCi/g	0.0221		0.0253		0.026	

Table 3: Location 36 Soil Sample Radionuclide Results

Radionuclides	Units	36-A	Remark	36-A Deep	Remark	36-B	Remark
Sodium-22	pCi/g	0.0281	U	0.0314	U	0.0339	U
Sodium-22 Uncertainty	pCi/g	0.0165		0.0179		0.0187	
Thallium-208	pCi/g	0.0661		0.0685		0.044	
Thallium-208 Uncertainty	pCi/g	0.0272		0.0392		0.0328	
Thorium-234	pCi/g	1.01	U	1.05	U	1.09	U
Thorium-234 Uncertainty	pCi/g	0.584		0.549		0.606	
Tin-113	pCi/g	0.0412	U	0.0467	U	0.0513	U
Tin-113 Uncertainty	pCi/g	0.0246		0.0244		0.0286	
Uranium-235	pCi/g	0.18	U	0.172	U	0.186	U
Uranium-235 Uncertainty	pCi/g	0.112		0.095		0.115	
Uranium-238	pCi/g	1.01	U	1.05	U	1.09	U
Uranium-238 Uncertainty	pCi/g	0.584		0.549		0.606	
Yttrium-88	pCi/g	0.0286	U	0.0442	U	0.045	U
Yttrium-88 Uncertainty	pCi/g	0.0198		0.0242		0.0216	
Zinc-65	pCi/g	0.0649	U	0.0677	U	0.0695	U
Zinc-65 Uncertainty	pCi/g	0.0447		0.041		0.0589	
Zirconium-95	pCi/g	0.0773	U	0.0762	U	0.0904	U
Zirconium-95 Uncertainty	pCi/g	0.0438		0.0434		0.0551	

Location 37

Table 1: Summary of Residential SCTL Exceedances in Soil Samples Collected from Location 37
March/April 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation

Analyte	Residential SCTL	37-A	37-A Deep	37-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 37 Soil Sample Chemical Results

Volatile Organic Compounds	Units	37-A	MDL	Remark	37-A Deep	MDL	Remark	37-B	MDL	Remark
1,1,1-Trichloroethane	ug/kg	5.2	5.2	U	5.4	5.4	U	5.1	5.1	U
1,1,2,2-Tetrachloroethane	ug/kg	13	13	U	13	13	U	13	13	U
1,1,2-Trichloroethane	ug/kg	5.2	5.2	U	5.4	5.4	U	5.1	5.1	U
1,1-Dichloroethane	ug/kg	5.2	5.2	U	5.4	5.4	U	5.1	5.1	U
1,1-Dichloroethene	ug/kg	13	13	U	13	13	U	13	13	U
1,2-Dichlorobenzene	ug/kg	13	13	U	13	13	U	13	13	U
1,2-Dichloroethane	ug/kg	5.2	5.2	U	5.4	5.4	U	5.1	5.1	U
1,2-Dichloropropane	ug/kg	13	13	U	13	13	U	13	13	U
1,3-Dichlorobenzene	ug/kg	13	13	U	13	13	U	13	13	U
1,4-Dichlorobenzene	ug/kg	13	13	U	13	13	U	13	13	U
2-Butanone	ug/kg	130	130	U	130	130	U	130	130	U
2-Chloroethylvinyl ether	ug/kg	13	13	U	13	13	U	13	13	U
Benzene	ug/kg	5.2	5.2	U	5.4	5.4	U	5.1	5.1	U
Bromodichloromethane	ug/kg	5.2	5.2	U	5.4	5.4	U	5.1	5.1	U
Bromoform	ug/kg	13	13	UJ	13	13	UJ	13	13	UJ
Bromomethane	ug/kg	13	13	U	13	13	U	13	13	U
Carbon tetrachloride	ug/kg	5.2	5.2	U	5.4	5.4	U	5.1	5.1	U
Chlorobenzene	ug/kg	5.2	5.2	U	5.4	5.4	U	5.1	5.1	U
Chloroethane	ug/kg	13	13	U	13	13	U	13	13	U
Chloroform	ug/kg	5.2	5.2	U	5.4	5.4	U	5.1	5.1	U
Chloromethane	ug/kg	13	13	U	13	13	U	13	13	U
cis-1,2-Dichloroethene	ug/kg	13	13	U	13	13	U	13	13	U
cis-1,3-Dichloropropene	ug/kg	13	13	U	13	13	U	13	13	U
Dibromochloromethane	ug/kg	5.2	5.2	U	5.4	5.4	U	5.1	5.1	U
Ethylbenzene	ug/kg	13	13	U	13	13	U	13	13	U
m,p-Xylene	ug/kg	13	13	U	13	13	U	13	13	U
Methylene chloride	ug/kg	13	13	U	13	13	U	13	13	U
Methyl-t-butyl ether	ug/kg	13	13	U	13	13	U	13	13	U
o-Xylene	ug/kg	5.2	5.2	U	5.4	5.4	U	5.1	5.1	U

Table 2: Location 37 Soil Sample Chemical Results

Volatile Organic Compounds	Units	37-A	MDL	Remark	37-A Deep	MDL	Remark	37-B	MDL	Remark
Tetrachloroethene	ug/kg	13	13	U	13	13	U	13	13	U
Toluene	ug/kg	13	13	U	13	13	U	13	13	U
trans-1,2-Dichloroethene	ug/kg	13	13	U	13	13	U	13	13	U
trans-1,3-Dichloropropene	ug/kg	5.2	5.2	U	5.4	5.4	U	5.1	5.1	U
Trichloroethene	ug/kg	5.2	5.2	U	5.4	5.4	U	5.1	5.1	U
Trichlorofluoromethane	ug/kg	13	13	U	13	13	U	13	13	U
Vinyl chloride	ug/kg	13	13	U	13	13	U	13	13	U
Semi-Volatile Organic Compounds	Units	37-A	MDL	Remark	37-A Deep	MDL	Remark	37-B	MDL	Remark
1,2,4-Trichlorobenzene	ug/kg	210	210	U	190	190	U	220	220	U
1-Methylnaphthalene	ug/kg	7.6	7.6	U	7.2	7.2	U	8.1	8.1	U
1-Methylphenanthrene	ug/kg	7.6	7.6	U	7.2	7.2	U	8.1	8.1	U
2,3,5-Trimethylnaphthalene	ug/kg	7.6	7.6	U	7.2	7.2	U	8.1	8.1	U
2,4,6-Trichlorophenol	ug/kg	68	68	U	65	65	U	73	73	U
2,4-Dichlorophenol	ug/kg	68	68	U	65	65	U	73	73	U
2,4-Dimethylphenol	ug/kg	410	410	U	390	390	U	440	440	U
2,4-Dinitrophenol	ug/kg	410	410	UJ	390	390	UJ	440	440	UJ
2,4-Dinitrotoluene	ug/kg	68	68	U	65	65	U	73	73	U
2,6-Dimethylnaphthalene	ug/kg	7.6	7.6	U	7.2	7.2	U	8.1	8.1	U
2,6-Dinitrotoluene	ug/kg	68	68	U	65	65	U	73	73	U
2-Chloronaphthalene	ug/kg	68	68	U	65	65	U	73	73	U
2-Chlorophenol	ug/kg	210	210	U	190	190	U	220	220	U
2-Methyl-4,6-dinitrophenol	ug/kg	68	68	U	65	65	U	73	73	U
2-Methylnaphthalene	ug/Kg	7.6	7.6	U	7.2	7.2	U	8.1	8.1	U
2-Nitrophenol	ug/kg	68	68	U	65	65	U	73	73	U
3,3'-Dichlorobenzidine	ug/kg	4.00E+03	4.00E+03	UJ	3.90E+03	3.90E+03	UJ	4.40E+03	4.40E+03	UJ
4-Bromophenyl phenyl ether	ug/kg	68	68	U	65	65	U	73	73	U
4-Chloro-3-methylphenol	ug/kg	68	68	U	65	65	U	73	73	U
4-Chlorophenyl phenyl ether	ug/kg	68	68	U	65	65	U	73	73	U
4-Nitrophenol	ug/kg	68	68	U	65	65	U	73	73	U

Table 2: Location 37 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	37-A	MDL	Remark	37-A Deep	MDL	Remark	37-B	MDL	Remark
Acenaphthene	ug/kg	7.6	7.6	U	7.2	7.2	U	8.1	8.1	U
Acenaphthylene	ug/kg	7.6	7.6	U	7.2	7.2	U	8.1	8.1	U
Anthracene	ug/kg	7.6	7.6	U	7.2	7.2	U	8.1	8.1	U
Azobenzene/1,2-Diphenylhydrazine	ug/kg	68	68	U	65	65	U	73	73	U
Benzidine	ug/kg	1.50E+03	1.50E+03	UJ	1.30E+03	1.30E+03	U	1.60E+03	1.60E+03	U
Benzo(a)anthracene	ug/kg	7.6	7.6	U	7.2	7.2	U	8.1	8.1	U
Benzo(a)pyrene	ug/kg	7.6	7.6	U	7.2	7.2	U	8.1	8.1	U
Benzo(b)fluoranthene	ug/kg	7.6	7.6	U	7.2	7.2	U	8.1	8.1	U
Benzo(g,h,i)perylene	ug/kg	7.6	7.6	U	7.2	7.2	U	8.1	8.1	U
Benzo(k)fluoranthene	ug/kg	7.6	7.6	U	7.2	7.2	U	8.1	8.1	U
Biphenyl	ug/kg	7.6	7.6	U	7.2	7.2	U	8.1	8.1	U
Bis(2-chloroethoxy)methane	ug/kg	68	68	U	65	65	U	73	73	U
Bis(2-chloroethyl)ether	ug/kg	68	68	U	65	65	U	73	73	U
Bis(2-chloroisopropyl)ether	ug/kg	68	68	U	65	65	U	73	73	U
Bis(2-ethylhexyl)phthalate	ug/kg	410	410	U	2.40E+03	2.40E+03	U	2.70E+03	2.70E+03	U
Butyl benzyl phthalate	ug/kg	68	68	U	65	65	U	73	73	U
Chrysene	ug/kg	7.6	7.6	U	7.2	7.2	U	8.1	8.1	U
Dibenzo(a,h)anthracene	ug/kg	7.6	7.6	U	7.2	7.2	U	8.1	8.1	U
Dibenzothiophene	ug/kg	7.6	7.6	U	7.2	7.2	U	8.1	8.1	U
Diethyl phthalate	ug/kg	68	68	U	65	65	U	73	73	U
Dimethyl phthalate	ug/kg	68	68	U	65	65	U	73	73	U
Di-n-butyl phthalate	ug/kg	410	410	U	390	390	U	440	440	U
Di-n-octyl phthalate	ug/kg	68	68	U	65	65	U	73	73	U
Fluoranthene	ug/kg	7.6	7.6	U	7.2	7.2	U	8.1	8.1	U
Fluorene	ug/kg	7.6	7.6	U	7.2	7.2	U	8.1	8.1	U
Hexachlorobenzene	ug/kg	68	68	U	65	65	U	73	73	U
Hexachlorobutadiene	ug/kg	210	210	U	190	190	U	220	220	U
Hexachlorocyclopentadiene	ug/kg	68	68	U	65	65	U	73	73	U
Hexachloroethane	ug/kg	210	210	U	190	190	U	220	220	U

Table 2: Location 37 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	37-A	MDL	Remark	37-A Deep	MDL	Remark	37-B	MDL	Remark
Indeno(1,2,3-cd)pyrene	ug/kg	7.6	7.6	U	7.2	7.2	U	8.1	8.1	U
Isophorone	ug/kg	68	68	U	65	65	U	73	73	U
Naphthalene	ug/kg	7.6	7.6	U	7.2	7.2	U	8.1	8.1	U
Nitrobenzene	ug/kg	68	68	U	65	65	U	73	73	U
N-Nitrosodimethylamine	ug/kg	410	410	U	390	390	U	440	440	U
N-Nitrosodi-n-propylamine	ug/kg	68	68	U	65	65	U	73	73	U
N-Nitrosodiphenylamine/ Diphenylamine	ug/kg	68	68	U	65	65	U	73	73	U
Pentachlorophenol	ug/kg	68	68	U	65	65	U	73	73	U
Phenanthrene	ug/kg	7.6	7.6	U	7.2	7.2	U	8.1	8.1	U
Phenol	ug/kg	68	68	U	65	65	U	73	73	U
Pyrene	ug/kg	7.6	7.6	U	7.2	7.2	U	8.1	8.1	U
TRPH	mg/kg	12	12	U	11	11	U	17	13	I
Pesticides/Herbicides/PCBs	Units	37-A	MDL	Remark	37-A Deep	MDL	Remark	37-B	MDL	Remark
2,4,5-T	ug/kg	7.4	7.4	U						
2,4-D	ug/kg	7.4	7.4	UJ						
3-Hydroxycarbofuran	ug/kg	0.57	0.57	UJ						
Acifluorfen	ug/kg	7.4	7.4	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	7	7	U						
Imidacloprid	ug/kg	7	7	U						
Linuron	ug/kg	7	7	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 37 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	37-A	MDL	Remark	37-A Deep	MDL	Remark	37-B	MDL	Remark
Silvex	ug/kg	7.4	7.4	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	5.7	5.7	UJ	5.4	5.4	U	6	6	U
Beta-BHC	ug/kg	0.38	0.38	U	0.36	0.36	U	0.4	0.4	U
Bromacil	ug/kg	7.6	7.6	U	7.2	7.2	U	8.1	8.1	U
Chlordane	ug/Kg	5.7	5.7	U	5.4	5.4	U	6	6	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	0.76	0.76	U	0.72	0.72	U	0.81	0.81	U
DDE-p,p'	ug/Kg	0.76	0.76	U	0.72	0.72	U	0.81	0.81	U
DDT-p,p'	ug/Kg	1.1	1.1	U	1.1	1.1	U	1.4	1.2	I
Delta-BHC	ug/Kg	0.76	0.76	U	0.72	0.72	U	0.81	0.81	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	0.76	0.76	U	0.72	0.72	U	0.81	0.81	U
Endrin	ug/Kg	1.9	1.9	U	1.8	1.8	U	2	2	U
Endrin Aldehyde	ug/Kg	0.76	0.76	U	0.72	0.72	U	0.81	0.81	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	UJ
Fenamiphos	ug/kg	7.6	7.6	U	7.2	7.2	U	8.1	8.1	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 37 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	37-A	MDL	Remark	37-A Deep	MDL	Remark	37-B	MDL	Remark
Heptachlor Epoxide	ug/kg	0.38	0.38	U	0.36	0.36	U	0.59	0.59	U
Hexazinone	ug/kg	3.8	3.8	UJ	3.6	3.6	UJ	4	4	UJ
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	7.6	7.6	U	7.2	7.2	U	8.1	8.1	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	UJ
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	7.6	7.6	U	7.2	7.2	U	8.1	8.1	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	7.6	7.6	U	7.2	7.2	U	8.1	8.1	U
PCB-1254	ug/Kg	7.6	7.6	U	7.2	7.2	U	8.1	8.1	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	29	29	U	27	27	U	30	30	U
Diquat	mg/Kg	0.047	0.047	U						
Paraquat	mg/Kg	0.058	0.058	U						
Metals	Units	37-A	MDL	Remark	37-A Deep	MDL	Remark	37-B	MDL	Remark
Mercury	mg/Kg	0.0077	0.0054	I	0.0094	0.0053	I	0.013	0.0059	I
Antimony	mg/Kg	0.25	0.25	U	0.25	0.25	U	0.25	0.25	U

Table 2: Location 37 Soil Sample Chemical Results

Metals	Units	37-A	MDL	Remark	37-A Deep	MDL	Remark	37-B	MDL	Remark
Arsenic	mg/Kg	0.15	0.099	I	0.52	0.098		0.15	0.098	I
Barium	mg/Kg	5.38	0.099		6.9	0.098		5.78	0.098	
Beryllium	mg/Kg	0.04	0.04	U	0.14	0.039	I	0.039	0.039	U
Cadmium	mg/Kg	0.05	0.05	U	0.049	0.049	U	0.049	0.049	U
Chromium	mg/Kg	2.33	0.25		6.01	0.25		1.82	0.25	
Cobalt	mg/Kg	0.183	0.02		0.428	0.02		0.147	0.02	
Copper	mg/Kg	1.81	0.25		0.62	0.25	I	2.13	0.25	
Lead	mg/Kg	1.4	0.37	I	1.7	0.37		2.1	0.37	
Nickel	mg/Kg	0.82	0.25	I	1.48	0.25		0.72	0.25	I
Selenium	mg/Kg	0.15	0.15	U	0.21	0.15	I	0.22	0.15	I
Silver	mg/Kg	0.012	0.012	U	0.012	0.012	U	0.012	0.012	U
Thallium	mg/Kg	0.05	0.05	U	0.049	0.049	U	0.049	0.049	U
Zinc	mg/Kg	2.7	2	I	2	2	U	5.9	2	I
Dioxins/Furans	Units	37-A	MDL	Remark	37-A Deep	MDL	Remark	37-B	MDL	Remark
1,2,3,4,6,7,8-HpCDD	ng/Kg	1.49	2.86	I						
1,2,3,4,6,7,8-HpCDF	ng/Kg	0.276	2.86	I						
1,2,3,4,7,8,9-HpCDF	ng/Kg	0.096	2.86	U						
1,2,3,4,7,8-HxCDD	ng/Kg	0.0954	2.86	U						
1,2,3,4,7,8-HxCDF	ng/Kg	0.0676	2.86	U						
1,2,3,6,7,8-HxCDD	ng/Kg	0.0857	2.86	U						
1,2,3,6,7,8-HxCDF	ng/Kg	0.064	2.86	U						
1,2,3,7,8,9-HxCDD	ng/Kg	0.0906	2.86	U						
1,2,3,7,8,9-HxCDF	ng/Kg	0.0859	2.86	U						
1,2,3,7,8-PeCDD	ng/Kg	0.11	2.86	U						
1,2,3,7,8-PeCDF	ng/Kg	0.0918	2.86	U						
2,3,4,6,7,8-HxCDF	ng/Kg	0.0735	2.86	U						
2,3,4,7,8-PeCDF	ng/Kg	0.091	2.86	U						
2,3,7,8-TCDD	ng/Kg	0.157	1.14	U						
2,3,7,8-TCDF	ng/Kg	0.164	1.14	U						

Table 2: Location 37 Soil Sample Chemical Results

Dioxins/Furans	Units	37-A	MDL	Remark	37-A Deep	MDL	Remark	37-B	MDL	Remark
OCDD	ng/Kg	12.4	5.72	V						
OCDF	ng/Kg	0.735	5.72	I						
Total Hepta-Dioxins	ng/Kg	3.4	2.86							
Total Hepta-Furans	ng/Kg	0.761	2.86	I						
Total Hexa-Dioxins	ng/Kg	0.2	2.86	I						
Total Hexa-Furans	ng/Kg	0.064	2.86	U						
Total Penta-Dioxins	ng/Kg	0.11	2.86	U						
Total Penta-Furans	ng/Kg	0.177	2.86	I						
Total Tetra-Dioxins	ng/Kg	0.157	1.14	U						
Total Tetra-Furans	ng/Kg	0.164	1.14	U						
Calculated Total Toxicity Equivalents (TEQ)	Units	37-A			37-A Deep			37-B		
Dioxins as total 2,3,7,8-TCDD	ng/Kg	0.214								
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 37 Soil Sample Radionuclide Results

Radionuclides	Units	37-A	Remark	37-A Deep	Remark	37-B	Remark
Actinium-228	pCi/g	0.223	U	0.338		0.169	U
Actinium-228 Uncertainty	pCi/g	0.125		0.132		0.105	
Alpha Uncertainty	pCi/g	2.21		3.51		1.95	
Alpha, Total	pCi/g	3.04	U	7.52		3.36	U
Americium-241	pCi/g	0.258	U	0.142	U	0.15	U
Americium-241 Uncertainty	pCi/g	0.155		0.0792		0.0786	
Antimony-124	pCi/g	0.0986	U	0.047	U	0.0801	U
Antimony-124 Uncertainty	pCi/g	0.058		0.037		0.0452	
Antimony-125	pCi/g	0.11	U	0.0896	U	0.0723	U
Antimony-125 Uncertainty	pCi/g	0.0595		0.0565		0.0451	
Barium-133	pCi/g	0.0495	U	0.0436	U	0.0372	U
Barium-133 Uncertainty	pCi/g	0.0311		0.0265		0.0253	
Barium-140	pCi/g	1.04	U	0.906	U	0.802	U
Barium-140 Uncertainty	pCi/g	0.616		0.497		0.484	
Beryllium-7	pCi/g	0.571	U	0.386	U	0.354	U
Beryllium-7 Uncertainty	pCi/g	0.328		0.229		0.223	
Beta Uncertainty	pCi/g	2.68		2.86		2.18	
Beta, Total	pCi/g	4.67	U	6.14		3.98	U
Bismuth-212	pCi/g	0.641	U	0.4	U	0.464	U
Bismuth-212 Uncertainty	pCi/g	0.361		0.235		0.291	
Bismuth-214	pCi/g	0.144	U	0.694		0.0833	
Bismuth-214 Uncertainty	pCi/g	0.106		0.11		0.0745	
Cerium-139	pCi/g	0.04	U	0.0316	U	0.0285	U
Cerium-139 Uncertainty	pCi/g	0.0233		0.0169		0.0181	
Cerium-141	pCi/g	0.126	U	0.0936	U	0.091	U
Cerium-141 Uncertainty	pCi/g	0.0692		0.0497		0.0503	
Cerium-144	pCi/g	0.24	U	0.189	U	0.178	U
Cerium-144 Uncertainty	pCi/g	0.139		0.11		0.0985	

Table 3: Location 37 Soil Sample Radionuclide Results

Radionuclides	Units	37-A	Remark	37-A Deep	Remark	37-B	Remark
Cesium-134	pCi/g	0.0468	U	0.0454	U	0.041	U
Cesium-134 Uncertainty	pCi/g	0.0259		0.0249		0.0221	
Cesium-136	pCi/g	0.38	U	0.254	U	0.274	U
Cesium-136 Uncertainty	pCi/g	0.216		0.168		0.154	
Cesium-137	pCi/g	0.0575		0.0354	U	0.0838	
Cesium-137 Uncertainty	pCi/g	0.0455		0.019		0.0421	
Chromium-51	pCi/g	0.844	U	0.596	U	0.592	U
Chromium-51 Uncertainty	pCi/g	0.466		0.338		0.336	
Cobalt-56	pCi/g	0.0455	U	0.0364	U	0.0436	U
Cobalt-56 Uncertainty	pCi/g	0.0259		0.0207		0.0248	
Cobalt-57	pCi/g	0.031	U	0.025	U	0.0219	U
Cobalt-57 Uncertainty	pCi/g	0.0172		0.0139		0.0125	
Cobalt-58	pCi/g	0.0601	U	0.0349	U	0.0369	U
Cobalt-58 Uncertainty	pCi/g	0.0324		0.0221		0.0217	
Cobalt-60	pCi/g	0.0278	U	0.0361	U	0.0304	U
Cobalt-60 Uncertainty	pCi/g	0.0172		0.0206		0.0184	
Europium-152	pCi/g	0.112	U	0.0948	U	0.0846	U
Europium-152 Uncertainty	pCi/g	0.0687		0.0547		0.0472	
Europium-154	pCi/g	0.108	U	0.0848	U	0.0994	U
Europium-154 Uncertainty	pCi/g	0.0615		0.0555		0.058	
Europium-155	pCi/g	0.12	U	0.0908	U	0.0898	U
Europium-155 Uncertainty	pCi/g	0.0667		0.051		0.047	
Iridium-192	pCi/g	0.0532	U	0.041	U	0.0407	U
Iridium-192 Uncertainty	pCi/g	0.0311		0.0226		0.0225	
Iron-59	pCi/g	0.115	U	0.0836	U	0.0904	U
Iron-59 Uncertainty	pCi/g	0.063		0.0594		0.0537	
Lead-210	pCi/g	13.2	U	3.42	U	5.01	U
Lead-210 Uncertainty	pCi/g	6.66		2.08		3.13	

Table 3: Location 37 Soil Sample Radionuclide Results

Radionuclides	Units	37-A	Remark	37-A Deep	Remark	37-B	Remark
Lead-212	pCi/g	0.195		0.18		0.096	
Lead-212 Uncertainty	pCi/g	0.0887		0.0498		0.0493	
Lead-214	pCi/g	0.196		0.718		0.17	
Lead-214 Uncertainty	pCi/g	0.105		0.118		0.0699	
Manganese-54	pCi/g	0.0417	U	0.0272	U	0.0362	U
Manganese-54 Uncertainty	pCi/g	0.0235		0.0174		0.0199	
Mercury-203	pCi/g	0.0696	U	0.0483	U	0.0448	U
Mercury-203 Uncertainty	pCi/g	0.0401		0.0271		0.0267	
Neodymium-147	pCi/g	2.47	U	2.05	U	2.12	U
Neodymium-147 Uncertainty	pCi/g	1.48		1.09		1.32	
Neptunium-239	pCi/g	0.407	U	0.338	U	0.323	U
Neptunium-239 Uncertainty	pCi/g	0.245		0.207		0.187	
Niobium-94	pCi/g	0.0405	U	0.0306	U	0.0288	U
Niobium-94 Uncertainty	pCi/g	0.0226		0.0166		0.0156	
Niobium-95	pCi/g	0.057	U	0.0531	U	0.0526	U
Niobium-95 Uncertainty	pCi/g	0.0338		0.0319		0.0327	
Potassium-40	pCi/g	0.526	U	0.854		0.51	U
Potassium-40 Uncertainty	pCi/g	0.296		0.455		0.273	
Promethium-144	pCi/g	0.0444	U	0.0337	U	0.0328	U
Promethium-144 Uncertainty	pCi/g	0.0247		0.0193		0.0186	
Promethium-146	pCi/g	0.0497	U	0.0352	U	0.0391	U
Promethium-146 Uncertainty	pCi/g	0.0289		0.0212		0.0229	
Radium-228	pCi/g	0.223	U	0.338		0.169	U
Radium-228 Uncertainty	pCi/g	0.125		0.132		0.105	
Ruthenium-106	pCi/g	0.357	U	0.299	U	0.292	U
Ruthenium-106 Uncertainty	pCi/g	0.204		0.161		0.152	
Silver-110m	pCi/g	0.0473	U	0.0448	U	0.0425	U
Silver-110m Uncertainty	pCi/g	0.0315		0.0249		0.0249	

Table 3: Location 37 Soil Sample Radionuclide Results

Radionuclides	Units	37-A	Remark	37-A Deep	Remark	37-B	Remark
Sodium-22	pCi/g	0.0386	U	0.0305	U	0.0355	U
Sodium-22 Uncertainty	pCi/g	0.022		0.0198		0.0207	
Thallium-208	pCi/g	0.0582	U	0.0329		0.0436	
Thallium-208 Uncertainty	pCi/g	0.0314		0.0322		0.032	
Thorium-234	pCi/g	2.24	U	1.36	U	1.51	U
Thorium-234 Uncertainty	pCi/g	1.2		0.758		0.822	
Tin-113	pCi/g	0.0609	U	0.0489	U	0.0395	U
Tin-113 Uncertainty	pCi/g	0.0353		0.0286		0.0244	
Uranium-235	pCi/g	0.245	U	0.184	U	0.185	U
Uranium-235 Uncertainty	pCi/g	0.149		0.111		0.115	
Uranium-238	pCi/g	2.24	U	1.36	U	1.51	U
Uranium-238 Uncertainty	pCi/g	1.2		0.758		0.822	
Yttrium-88	pCi/g	0.0412	U	0.0391	U	0.0445	U
Yttrium-88 Uncertainty	pCi/g	0.0255		0.0228		0.0238	
Zinc-65	pCi/g	0.0916	U	0.0657	U	0.0694	U
Zinc-65 Uncertainty	pCi/g	0.0671		0.0462		0.0451	
Zirconium-95	pCi/g	0.0975	U	0.0736	U	0.0839	U
Zirconium-95 Uncertainty	pCi/g	0.061		0.0441		0.0474	

Location 38

Table 1: Summary of Residential SCTL Exceedances in Soil Samples Collected from Location 38
March/April 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation

Analyte	Residential SCTL	38-A	38-A Deep	38-B
Exceedances				
None				

SCTL=Soil Cleanup Target Level

ND=Non Detect

NA=Not Analyzed

Yellow Shading=Exceedance of SCTL

ug/Kg= micrograms per Kilogram

mg/Kg=milligrams per Kilogram

Table 2: Location 38 Soil Sample Chemical Results

Volatile Organic Compounds	Units	38-A	MDL	Remark	38-A Deep	MDL	Remark	38-B	MDL	Remark
1,1,1-Trichloroethane	ug/kg	4.7	4.7	U	4.8	4.8	U	8	8	U
1,1,2,2-Tetrachloroethane	ug/kg	12	12	U	12	12	U	20	20	U
1,1,2-Trichloroethane	ug/kg	4.7	4.7	U	4.8	4.8	U	8	8	U
1,1-Dichloroethane	ug/kg	4.7	4.7	U	4.8	4.8	U	8	8	U
1,1-Dichloroethene	ug/kg	12	12	U	12	12	U	20	20	U
1,2-Dichlorobenzene	ug/kg	12	12	U	12	12	U	20	20	U
1,2-Dichloroethane	ug/kg	4.7	4.7	U	4.8	4.8	U	8	8	U
1,2-Dichloropropane	ug/kg	12	12	U	12	12	U	20	20	U
1,3-Dichlorobenzene	ug/kg	12	12	U	12	12	U	20	20	U
1,4-Dichlorobenzene	ug/kg	12	12	U	12	12	U	20	20	U
2-Butanone	ug/kg	120	120	U	120	120	U	200	200	U
2-Chloroethylvinyl ether	ug/kg	12	12	U	12	12	U	20	20	U
Benzene	ug/kg	4.7	4.7	U	4.8	4.8	U	8	8	U
Bromodichloromethane	ug/kg	4.7	4.7	U	4.8	4.8	U	8	8	U
Bromoform	ug/kg	12	12	UJ	12	12	UJ	20	20	UJ
Bromomethane	ug/kg	12	12	U	12	12	U	20	20	U
Carbon tetrachloride	ug/kg	4.7	4.7	U	4.8	4.8	U	8	8	U
Chlorobenzene	ug/kg	4.7	4.7	U	4.8	4.8	U	8	8	U
Chloroethane	ug/kg	12	12	U	12	12	U	20	20	U
Chloroform	ug/kg	4.7	4.7	U	4.8	4.8	U	8	8	U
Chloromethane	ug/kg	12	12	U	12	12	U	20	20	U
cis-1,2-Dichloroethene	ug/kg	12	12	U	12	12	U	20	20	U
cis-1,3-Dichloropropene	ug/kg	12	12	U	12	12	U	20	20	U
Dibromochloromethane	ug/kg	4.7	4.7	U	4.8	4.8	U	8	8	U
Ethylbenzene	ug/kg	12	12	U	12	12	U	20	20	U
m,p-Xylene	ug/kg	12	12	U	12	12	U	20	20	U
Methylene chloride	ug/kg	12	12	U	12	12	U	20	20	U
Methyl-t-butyl ether	ug/kg	12	12	U	12	12	U	20	20	U
o-Xylene	ug/kg	4.7	4.7	U	4.8	4.8	U	8	8	U

Table 2: Location 38 Soil Sample Chemical Results

Volatile Organic Compounds	Units	38-A	MDL	Remark	38-A Deep	MDL	Remark	38-B	MDL	Remark
Tetrachloroethene	ug/kg	12	12	U	12	12	U	20	20	U
Toluene	ug/kg	12	12	U	12	12	U	20	20	U
trans-1,2-Dichloroethene	ug/kg	12	12	U	12	12	U	20	20	U
trans-1,3-Dichloropropene	ug/kg	4.7	4.7	U	4.8	4.8	U	8	8	U
Trichloroethene	ug/kg	4.7	4.7	U	4.8	4.8	U	8	8	U
Trichlorofluoromethane	ug/kg	12	12	U	12	12	U	20	20	U
Vinyl chloride	ug/kg	12	12	U	12	12	U	20	20	U
Semi-Volatile Organic Compounds	Units	38-A	MDL	Remark	38-A Deep	MDL	Remark	38-B	MDL	Remark
1,2,4-Trichlorobenzene	ug/kg	200	200	U	200	200	U	200	200	U
1-Methylnaphthalene	ug/kg	7.4	7.4	U	7.3	7.3	U	7.4	7.4	U
1-Methylphenanthrene	ug/kg	7.4	7.4	U	7.3	7.3	U	7.4	7.4	U
2,3,5-Trimethylnaphthalene	ug/kg	7.4	7.4	U	7.3	7.3	U	7.4	7.4	U
2,4,6-Trichlorophenol	ug/kg	66	66	U	66	66	U	67	67	U
2,4-Dichlorophenol	ug/kg	66	66	U	66	66	U	67	67	U
2,4-Dimethylphenol	ug/kg	400	400	U	390	390	U	400	400	U
2,4-Dinitrophenol	ug/kg	400	400	UJ	390	390	UJ	400	400	UJ
2,4-Dinitrotoluene	ug/kg	66	66	U	66	66	U	67	67	U
2,6-Dimethylnaphthalene	ug/kg	7.4	7.4	U	7.3	7.3	U	10	7.4	I
2,6-Dinitrotoluene	ug/kg	66	66	U	66	66	U	67	67	U
2-Chloronaphthalene	ug/kg	66	66	U	66	66	U	67	67	U
2-Chlorophenol	ug/kg	200	200	U	200	200	U	200	200	U
2-Methyl-4,6-dinitrophenol	ug/kg	66	66	U	66	66	U	67	67	U
2-Methylnaphthalene	ug/Kg	7.4	7.4	U	7.3	7.3	U	7.4	7.4	U
2-Nitrophenol	ug/kg	66	66	U	66	66	U	67	67	U
3,3'-Dichlorobenzidine	ug/kg	4.00E+03	4.00E+03	UJ	3.90E+03	3.90E+03	UJ	4.00E+03	4.00E+03	UJ
4-Bromophenyl phenyl ether	ug/kg	66	66	U	66	66	U	67	67	U
4-Chloro-3-methylphenol	ug/kg	66	66	U	66	66	U	67	67	U
4-Chlorophenyl phenyl ether	ug/kg	66	66	U	66	66	U	67	67	U
4-Nitrophenol	ug/kg	66	66	U	66	66	U	67	67	U

Table 2: Location 38 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	38-A	MDL	Remark	38-A Deep	MDL	Remark	38-B	MDL	Remark
Acenaphthene	ug/kg	7.4	7.4	U	7.3	7.3	U	7.4	7.4	U
Acenaphthylene	ug/kg	7.4	7.4	U	7.3	7.3	U	7.4	7.4	U
Anthracene	ug/kg	7.4	7.4	U	7.3	7.3	U	7.4	7.4	U
Azobenzene/1,2-Diphenylhydrazine	ug/kg	66	66	U	66	66	U	67	67	U
Benzidine	ug/kg	1.30E+03	1.30E+03	UJ	1.30E+03	1.30E+03	U	1.30E+03	1.30E+03	U
Benzo(a)anthracene	ug/kg	7.4	7.4	U	7.3	7.3	U	7.4	7.4	U
Benzo(a)pyrene	ug/kg	7.4	7.4	U	7.3	7.3	U	7.4	7.4	U
Benzo(b)fluoranthene	ug/kg	7.4	7.4	U	7.3	7.3	U	7.4	7.4	U
Benzo(g,h,i)perylene	ug/kg	7.4	7.4	U	7.3	7.3	U	7.4	7.4	U
Benzo(k)fluoranthene	ug/kg	7.4	7.4	U	7.3	7.3	U	7.4	7.4	U
Biphenyl	ug/kg	7.4	7.4	U	7.3	7.3	U	7.4	7.4	U
Bis(2-chloroethoxy)methane	ug/kg	66	66	U	66	66	U	67	67	U
Bis(2-chloroethyl)ether	ug/kg	66	66	U	66	66	U	67	67	U
Bis(2-chloroisopropyl)ether	ug/kg	66	66	U	66	66	U	67	67	U
Bis(2-ethylhexyl)phthalate	ug/kg	400	400	U	2.40E+03	2.40E+03	U	2.50E+03	2.50E+03	U
Butyl benzyl phthalate	ug/kg	66	66	U	66	66	U	67	67	U
Chrysene	ug/kg	7.4	7.4	U	7.3	7.3	U	7.4	7.4	U
Dibenzo(a,h)anthracene	ug/kg	7.4	7.4	U	7.3	7.3	U	7.4	7.4	U
Dibenzothiophene	ug/kg	7.4	7.4	U	7.3	7.3	U	7.4	7.4	U
Diethyl phthalate	ug/kg	66	66	U	66	66	U	67	67	U
Dimethyl phthalate	ug/kg	66	66	U	66	66	U	67	67	U
Di-n-butyl phthalate	ug/kg	400	400	U	390	390	U	400	400	U
Di-n-octyl phthalate	ug/kg	66	66	U	66	66	U	67	67	U
Fluoranthene	ug/kg	8.5	7.4	I	7.3	7.3	U	7.4	7.4	U
Fluorene	ug/kg	7.4	7.4	U	7.3	7.3	U	7.4	7.4	U
Hexachlorobenzene	ug/kg	66	66	U	66	66	U	67	67	U
Hexachlorobutadiene	ug/kg	200	200	U	200	200	U	200	200	U
Hexachlorocyclopentadiene	ug/kg	66	66	U	66	66	U	67	67	U
Hexachloroethane	ug/kg	200	200	U	200	200	U	200	200	U

Table 2: Location 38 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	38-A	MDL	Remark	38-A Deep	MDL	Remark	38-B	MDL	Remark
Indeno(1,2,3-cd)pyrene	ug/kg	7.4	7.4	U	7.3	7.3	U	7.4	7.4	U
Isophorone	ug/kg	66	66	U	66	66	U	67	67	U
Naphthalene	ug/kg	7.4	7.4	U	7.3	7.3	U	7.4	7.4	U
Nitrobenzene	ug/kg	66	66	U	66	66	U	67	67	U
N-Nitrosodimethylamine	ug/kg	400	400	U	390	390	U	400	400	U
N-Nitrosodi-n-propylamine	ug/kg	66	66	U	66	66	U	67	67	U
N-Nitrosodiphenylamine/ Diphenylamine	ug/kg	66	66	U	66	66	U	67	67	U
Pentachlorophenol	ug/kg	66	66	U	66	66	U	67	67	U
Phenanthrene	ug/kg	7.4	7.4	U	7.3	7.3	U	7.4	7.4	U
Phenol	ug/kg	66	66	U	66	66	U	67	67	U
Pyrene	ug/kg	7.4	7.4	U	7.3	7.3	U	7.4	7.4	U
TRPH	mg/kg	11	11	U	11	11	U	30	12	I
Pesticides/Herbicides/PCBs	Units	38-A	MDL	Remark	38-A Deep	MDL	Remark	38-B	MDL	Remark
2,4,5-T	ug/kg	7.2	7.2	U						
2,4-D	ug/kg	7.2	7.2	UJ						
3-Hydroxycarbofuran	ug/kg	0.56	0.56	UJ						
Acifluorfen	ug/kg	7.2	7.2	UJ						
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 38 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	38-A	MDL	Remark	38-A Deep	MDL	Remark	38-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	0.37	0.37	U
Alpha-BHC	ug/Kg	0.37	0.37	U	0.36	0.36	U	0.37	0.37	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	UJ	5.5	5.5	U	5.6	5.6	U
Beta-BHC	ug/Kg	0.37	0.37	U	0.36	0.36	U	0.37	0.37	U
Bromacil	ug/kg	7.4	7.4	U	7.3	7.3	U	7.4	7.4	U
Chlordane	ug/Kg	5.5	5.5	U	5.5	5.5	U	5.6	5.6	U
Chlorpyrifos Ethyl	ug/kg	5.7	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	3.7	3.7	U
DDD-p,p'	ug/Kg	0.74	0.74	U	0.73	0.73	U	0.74	0.74	U
DDE-p,p'	ug/Kg	0.74	0.74	U	0.73	0.73	U	0.74	0.74	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	0.73	0.73	U	0.74	0.74	U
Diazinon	ug/kg	27	1.8		1.8	1.8	U	2.1	1.9	I
Dieldrin	ug/Kg	0.37	0.37	U	0.36	0.36	U	0.37	0.37	U
Endosulfan I	ug/Kg	0.37	0.37	U	0.36	0.36	U	0.37	0.37	U
Endosulfan II	ug/Kg	0.37	0.37	U	0.36	0.36	U	0.37	0.37	U
Endosulfan Sulfate	ug/Kg	0.74	0.74	U	0.73	0.73	U	0.74	0.74	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	0.73	0.73	U	0.74	0.74	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	UJ	1.9	1.9	UJ
Fenamiphos	ug/kg	7.4	7.4	U	7.3	7.3	U	7.4	7.4	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	0.37	0.37	U
Heptachlor	ug/Kg	0.37	0.37	UJ	0.36	0.36	U	0.37	0.37	U

Table 2: Location 38 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	38-A	MDL	Remark	38-A Deep	MDL	Remark	38-B	MDL	Remark
Heptachlor Epoxide	ug/kg	0.37	0.37	U	0.36	0.36	U	0.37	0.37	U
Hexazinone	ug/kg	3.7	3.7	UJ	3.6	3.6	UJ	3.7	3.7	UJ
Malathion	ug/kg	3.7	3.7	U	3.6	3.6	U	3.7	3.7	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	3.7	3.7	U
Mevinphos	ug/kg	7.4	7.4	U	7.3	7.3	U	7.4	7.4	U
Monocrotophos	ug/kg	18	18	UJ	18	18	U	19	19	U
Naled	ug/kg	15	15	U	15	15	U	15	15	U
Norflurazon	ug/kg	3.7	3.7	UJ	3.6	3.6	UJ	3.7	3.7	UJ
Parathion Ethyl	ug/kg	3.7	3.7	U	3.6	3.6	U	3.7	3.7	U
Parathion Methyl	ug/kg	3.7	3.7	U	3.6	3.6	U	3.7	3.7	U
PCB-1016	ug/Kg	11	11	U	11	11	U	11	11	U
PCB-1221	ug/Kg	7.4	7.4	U	7.3	7.3	U	7.4	7.4	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	7.3	7.3	U	7.4	7.4	U
PCB-1254	ug/Kg	7.4	7.4	U	7.3	7.3	U	7.4	7.4	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	3.7	3.7	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	U						
Metals	Units	38-A	MDL	Remark	38-A Deep	MDL	Remark	38-B	MDL	Remark
Mercury	mg/Kg	0.016	0.0052	I	0.013	0.0052	I	0.024	0.0054	
Antimony	mg/Kg	0.24	0.24	U	0.24	0.24	U	0.25	0.25	U

Table 2: Location 38 Soil Sample Chemical Results

Metals	Units	38-A	MDL	Remark	38-A Deep	MDL	Remark	38-B	MDL	Remark
Arsenic	mg/Kg	0.52	0.097		0.48	0.097		0.54	0.1	
Barium	mg/Kg	9.78	0.097		11.8	0.097		15.2	0.1	
Beryllium	mg/Kg	0.087	0.039	I	0.1	0.039	I	0.13	0.04	I
Cadmium	mg/Kg	0.049	0.049	U	0.049	0.049	U	0.05	0.05	U
Chromium	mg/Kg	3.87	0.24		4.65	0.24		4.74	0.25	
Cobalt	mg/Kg	0.416	0.019		0.367	0.019		0.441	0.02	
Copper	mg/Kg	8.57	0.24		1.03	0.24		6.33	0.25	
Lead	mg/Kg	3.4	0.36		2.9	0.36		3.4	0.37	
Nickel	mg/Kg	1.42	0.24		1.34	0.24		1.49	0.25	
Selenium	mg/Kg	0.23	0.15	I	0.19	0.15	I	0.35	0.15	I
Silver	mg/Kg	0.016	0.012	I	0.012	0.012	U	0.022	0.012	I
Thallium	mg/Kg	0.049	0.049	U	0.049	0.049	U	0.05	0.05	U
Zinc	mg/Kg	15.1	1.9		1.9	1.9	I	8.2	2	
Dioxins/Furans	Units	38-A	MDL	Remark	38-A Deep	MDL	Remark	38-B	MDL	Remark
1,2,3,4,6,7,8-HpCDD	ng/Kg	9.62	2.83							
1,2,3,4,6,7,8-HpCDF	ng/Kg	0.79	2.83	I						
1,2,3,4,7,8,9-HpCDF	ng/Kg	0.112	2.83	U						
1,2,3,4,7,8-HxCDD	ng/Kg	0.0886	2.83	U						
1,2,3,4,7,8-HxCDF	ng/Kg	0.0652	2.83	U						
1,2,3,6,7,8-HxCDD	ng/Kg	0.265	2.83	I						
1,2,3,6,7,8-HxCDF	ng/Kg	0.0617	2.83	U						
1,2,3,7,8,9-HxCDD	ng/Kg	0.0841	2.83	U						
1,2,3,7,8,9-HxCDF	ng/Kg	0.0829	2.83	U						
1,2,3,7,8-PeCDD	ng/Kg	0.104	2.83	U						
1,2,3,7,8-PeCDF	ng/Kg	0.117	2.83	U						
2,3,4,6,7,8-HxCDF	ng/Kg	0.0708	2.83	U						
2,3,4,7,8-PeCDF	ng/Kg	0.116	2.83	U						
2,3,7,8-TCDD	ng/Kg	0.0996	1.13	U						
2,3,7,8-TCDF	ng/Kg	0.142	1.13	U						

Table 2: Location 38 Soil Sample Chemical Results

Dioxins/Furans	Units	38-A	MDL	Remark	38-A Deep	MDL	Remark	38-B	MDL	Remark
OCDD	ng/Kg	57.9	5.65	V						
OCDF	ng/Kg	1.38	5.65	I						
Total Hepta-Dioxins	ng/Kg	20.1	2.83							
Total Hepta-Furans	ng/Kg	1.68	2.83	I						
Total Hexa-Dioxins	ng/Kg	1.41	2.83	I						
Total Hexa-Furans	ng/Kg	0.681	2.83	I						
Total Penta-Dioxins	ng/Kg	0.104	2.83	U						
Total Penta-Furans	ng/Kg	0.68	2.83	I						
Total Tetra-Dioxins	ng/Kg	0.0996	1.13	U						
Total Tetra-Furans	ng/Kg	1.38	1.13							
Calculated Total Toxicity Equivalents	Units	38-A			38-A Deep			38-B		
Dioxins as total 2,3,7,8-TCDD	ng/Kg	0.301								
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 38 Soil Sample Radionuclide Results

Radionuclides	Units	38-A	Remark	38-A Deep	Remark	38-B	Remark
Actinium-228	pCi/g	0.201	U	0.172		0.18	
Actinium-228 Uncertainty	pCi/g	0.118		0.136		0.137	
Alpha Uncertainty	pCi/g	2.69		2.24		2.96	
Alpha, Total	pCi/g	3.76		3.38	U	5.6	
Americium-241	pCi/g	0.155	U	0.0856	U	0.202	U
Americium-241 Uncertainty	pCi/g	0.0818		0.0468		0.112	
Antimony-124	pCi/g	0.0846	U	0.119	U	0.119	U
Antimony-124 Uncertainty	pCi/g	0.0595		0.0588		0.067	
Antimony-125	pCi/g	0.0843	U	0.0843	U	0.0992	U
Antimony-125 Uncertainty	pCi/g	0.0475		0.0475		0.0594	
Barium-133	pCi/g	0.0383	U	0.0415	U	0.0414	U
Barium-133 Uncertainty	pCi/g	0.0256		0.0256		0.026	
Barium-140	pCi/g	1.02	U	0.729	U	0.915	U
Barium-140 Uncertainty	pCi/g	0.589		0.455		0.584	
Beryllium-7	pCi/g	0.425	U	0.362	U	0.424	U
Beryllium-7 Uncertainty	pCi/g	0.243		0.232		0.252	
Beta Uncertainty	pCi/g	3.05		2.33		2.57	
Beta, Total	pCi/g	5.59		3.51		6.45	
Bismuth-212	pCi/g	0.631	U	0.563	UJ	0.608	U
Bismuth-212 Uncertainty	pCi/g	0.318		0.456		0.452	
Bismuth-214	pCi/g	0.133	UJ	0.317		0.311	
Bismuth-214 Uncertainty	pCi/g	0.0982		0.0793		0.092	
Cerium-139	pCi/g	0.0269	U	0.0284	U	0.0351	U
Cerium-139 Uncertainty	pCi/g	0.0176		0.0171		0.0199	
Cerium-141	pCi/g	0.0921	U	0.0842	U	0.11	U
Cerium-141 Uncertainty	pCi/g	0.0548		0.0501		0.059	
Cerium-144	pCi/g	0.178	U	0.172	U	0.204	U
Cerium-144 Uncertainty	pCi/g	0.103		0.099		0.121	

Table 3: Location 38 Soil Sample Radionuclide Results

Radionuclides	Units	38-A	Remark	38-A Deep	Remark	38-B	Remark
Cesium-134	pCi/g	0.0522	U	0.0475	U	0.0478	U
Cesium-134 Uncertainty	pCi/g	0.0262		0.0241		0.0266	
Cesium-136	pCi/g	0.337	U	0.285	U	0.262	U
Cesium-136 Uncertainty	pCi/g	0.18		0.187		0.153	
Cesium-137	pCi/g	0.091		0.038	U	0.0542	
Cesium-137 Uncertainty	pCi/g	0.0351		0.0198		0.0276	
Chromium-51	pCi/g	0.64	U	0.662	U	0.638	U
Chromium-51 Uncertainty	pCi/g	0.365		0.347		0.42	
Cobalt-56	pCi/g	0.05	U	0.0323	U	0.0502	U
Cobalt-56 Uncertainty	pCi/g	0.029		0.0219		0.0288	
Cobalt-57	pCi/g	0.0232	U	0.0222	U	0.0284	U
Cobalt-57 Uncertainty	pCi/g	0.0125		0.0128		0.0164	
Cobalt-58	pCi/g	0.046	U	0.0372	U	0.0354	U
Cobalt-58 Uncertainty	pCi/g	0.0267		0.0251		0.0243	
Cobalt-60	pCi/g	0.0366	U	0.0263	U	0.0259	U
Cobalt-60 Uncertainty	pCi/g	0.0224		0.0194		0.0184	
Europium-152	pCi/g	0.0983	U	0.0908	U	0.109	U
Europium-152 Uncertainty	pCi/g	0.0563		0.0564		0.0612	
Europium-154	pCi/g	0.119	U	0.0866	U	0.111	U
Europium-154 Uncertainty	pCi/g	0.0607		0.0556		0.0573	
Europium-155	pCi/g	0.0941	U	0.0905	U	0.106	U
Europium-155 Uncertainty	pCi/g	0.0526		0.0456		0.0595	
Iridium-192	pCi/g	0.0401	U	0.0367	U	0.0474	U
Iridium-192 Uncertainty	pCi/g	0.0231		0.0218		0.0262	
Iron-59	pCi/g	0.0972	U	0.0725	U	0.115	U
Iron-59 Uncertainty	pCi/g	0.0621		0.056		0.0681	
Lead-210	pCi/g	4.78	U	1.67	U	6.58	U
Lead-210 Uncertainty	pCi/g	2.6		0.877		3.88	

Table 3: Location 38 Soil Sample Radionuclide Results

Radionuclides	Units	38-A	Remark	38-A Deep	Remark	38-B	Remark
Lead-212	pCi/g	0.0815	UJ	0.192		0.217	
Lead-212 Uncertainty	pCi/g	0.0413		0.0541		0.0572	
Lead-214	pCi/g	0.193		0.295		0.354	
Lead-214 Uncertainty	pCi/g	0.0825		0.0879		0.0876	
Manganese-54	pCi/g	0.0393	U	0.0351	U	0.0403	U
Manganese-54 Uncertainty	pCi/g	0.0226		0.0209		0.0245	
Mercury-203	pCi/g	0.0525	U	0.05	U	0.056	U
Mercury-203 Uncertainty	pCi/g	0.0301		0.0283		0.0335	
Neodymium-147	pCi/g	2.31	U	2.03	U	2.44	U
Neodymium-147 Uncertainty	pCi/g	1.29		1.14		1.33	
Neptunium-239	pCi/g	0.37	U	0.329	U	0.43	U
Neptunium-239 Uncertainty	pCi/g	0.195		0.179		0.247	
Niobium-94	pCi/g	0.0351	U	0.0303	U	0.0341	U
Niobium-94 Uncertainty	pCi/g	0.0208		0.0168		0.0204	
Niobium-95	pCi/g	0.0518	U	0.0463	U	0.0523	U
Niobium-95 Uncertainty	pCi/g	0.0315		0.0272		0.0357	
Potassium-40	pCi/g	0.585	U	0.581		0.668	
Potassium-40 Uncertainty	pCi/g	0.284		0.295		0.371	
Promethium-144	pCi/g	0.0461	U	0.0392	U	0.0363	U
Promethium-144 Uncertainty	pCi/g	0.0258		0.0203		0.021	
Promethium-146	pCi/g	0.0418	U	0.0364	U	0.043	U
Promethium-146 Uncertainty	pCi/g	0.0237		0.0214		0.0248	
Radium-228	pCi/g	0.201	U	0.172		0.18	
Radium-228 Uncertainty	pCi/g	0.118		0.136		0.137	
Ruthenium-106	pCi/g	0.297	U	0.296	U	0.312	U
Ruthenium-106 Uncertainty	pCi/g	0.2		0.169		0.203	
Silver-110m	pCi/g	0.0511	U	0.0372	U	0.0599	U
Silver-110m Uncertainty	pCi/g	0.0275		0.0236		0.0295	

Table 3: Location 38 Soil Sample Radionuclide Results

Radionuclides	Units	38-A	Remark	38-A Deep	Remark	38-B	Remark
Sodium-22	pCi/g	0.0424	U	0.0305	U	0.0395	U
Sodium-22 Uncertainty	pCi/g	0.022		0.0197		0.0204	
Thallium-208	pCi/g	0.0741		0.0696		0.08	
Thallium-208 Uncertainty	pCi/g	0.0316		0.03		0.0335	
Thorium-234	pCi/g	1.52	U	0.911	U	1.87	U
Thorium-234 Uncertainty	pCi/g	0.803		0.479		1.06	
Tin-113	pCi/g	0.0513	U	0.0446	U	0.0564	U
Tin-113 Uncertainty	pCi/g	0.0314		0.0275		0.032	
Uranium-235	pCi/g	0.202	U	0.182	U	0.227	U
Uranium-235 Uncertainty	pCi/g	0.113		0.101		0.13	
Uranium-238	pCi/g	1.52	U	0.911	U	1.87	U
Uranium-238 Uncertainty	pCi/g	0.803		0.479		1.06	
Yttrium-88	pCi/g	0.0464	U	0.0408	U	0.0492	U
Yttrium-88 Uncertainty	pCi/g	0.0264		0.0221		0.0263	
Zinc-65	pCi/g	0.0846	U	0.0566	U	0.0697	U
Zinc-65 Uncertainty	pCi/g	0.0628		0.0425		0.0475	
Zirconium-95	pCi/g	0.0819	U	0.0693	U	0.08	U
Zirconium-95 Uncertainty	pCi/g	0.0519		0.0432		0.0496	

Location 75

Table 1: Summary of Residential SCTL Exceedances in Soil Samples Collected from Location 75
March/April 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation

Analyte	Residential SCTL	75-A	75-A Deep	75-B
Exceedances				
Arsenic	2.1 mg/Kg	0.42	0.19	2.93

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

Table 2: Location 75 Soil Sample Chemical Results

Volatile Organic Compounds	Units	75-A	MDL	Remark	75-A Deep	MDL	Remark	75-B	MDL	Remark
1,1,1-Trichloroethane	ug/kg	5.8	5.8	U	5.4	5.4	U	5.6	5.6	U
1,1,2,2-Tetrachloroethane	ug/kg	14	14	UJ	13	13	U	14	14	U
1,1,2-Trichloroethane	ug/kg	5.8	5.8	U	5.4	5.4	U	5.6	5.6	U
1,1-Dichloroethane	ug/kg	5.8	5.8	U	5.4	5.4	U	5.6	5.6	U
1,1-Dichloroethene	ug/kg	14	14	U	13	13	U	14	14	U
1,2-Dichlorobenzene	ug/kg	14	14	U	13	13	U	14	14	U
1,2-Dichloroethane	ug/kg	5.8	5.8	U	5.4	5.4	U	5.6	5.6	U
1,2-Dichloropropane	ug/kg	14	14	U	13	13	U	14	14	U
1,3-Dichlorobenzene	ug/kg	14	14	U	13	13	U	14	14	U
1,4-Dichlorobenzene	ug/kg	14	14	U	13	13	U	14	14	U
2-Butanone	ug/kg	140	140	U	130	130	U	140	140	U
2-Chloroethylvinyl ether	ug/kg	14	14	U	13	13	U	14	14	U
Benzene	ug/kg	5.8	5.8	U	5.4	5.4	U	5.6	5.6	U
Bromodichloromethane	ug/kg	5.8	5.8	UJ	5.4	5.4	U	5.6	5.6	U
Bromoform	ug/kg	14	14	UJ	13	13	U	14	14	U
Bromomethane	ug/kg	18	18	UJ	18	18	U	18	18	U
Carbon tetrachloride	ug/kg	5.8	5.8	U	5.4	5.4	U	5.6	5.6	U
Chlorobenzene	ug/kg	5.8	5.8	U	5.4	5.4	U	5.6	5.6	U
Chloroethane	ug/kg	14	14	UJ	13	13	U	14	14	U
Chloroform	ug/kg	5.8	5.8	U	5.4	5.4	U	5.6	5.6	U
Chloromethane	ug/kg	14	14	U	13	13	U	14	14	U
cis-1,2-Dichloroethene	ug/kg	14	14	U	13	13	U	14	14	U
cis-1,3-Dichloropropene	ug/kg	14	14	UJ	13	13	U	14	14	U
Dibromochloromethane	ug/kg	5.8	5.8	UJ	5.4	5.4	U	5.6	5.6	U
Ethylbenzene	ug/kg	14	14	U	13	13	U	14	14	U
m,p-Xylene	ug/kg	14	14	U	13	13	U	14	14	U
Methylene chloride	ug/kg	14	14	UJ	13	13	UJ	14	14	UJ
Methyl-t-butyl ether	ug/kg	14	14	U	13	13	U	14	14	U
o-Xylene	ug/kg	5.8	5.8	U	5.4	5.4	U	5.6	5.6	U

Table 2: Location 75 Soil Sample Chemical Results

Volatile Organic Compounds	Units	75-A	MDL	Remark	75-A Deep	MDL	Remark	75-B	MDL	Remark
Tetrachloroethene	ug/kg	14	14	U	13	13	U	14	14	U
Toluene	ug/kg	14	14	U	13	13	U	14	14	U
trans-1,2-Dichloroethene	ug/kg	14	14	U	13	13	U	14	14	U
trans-1,3-Dichloropropene	ug/kg	5.8	5.8	UJ	5.4	5.4	U	5.6	5.6	U
Trichloroethene	ug/kg	5.8	5.8	U	5.4	5.4	U	5.6	5.6	U
Trichlorofluoromethane	ug/kg	14	14	UJ	13	13	UJ	14	14	UJ
Vinyl chloride	ug/kg	14	14	U	13	13	U	14	14	U
Semi-Volatile Organic Compounds	Units	75-A	MDL	Remark	75-A Deep	MDL	Remark	75-B	MDL	Remark
1,2,4-Trichlorobenzene	ug/kg	220	220	U	210	210	U	210	210	U
1-Methylnaphthalene	ug/kg	8.1	8.1	U	7.8	7.8	U	7.7	7.7	U
1-Methylphenanthrene	ug/kg	8.1	8.1	U	7.8	7.8	U	7.7	7.7	U
2,3,5-Trimethylnaphthalene	ug/kg	8.1	8.1	U	7.8	7.8	U	7.7	7.7	U
2,4,6-Trichlorophenol	ug/kg	73	73	U	71	71	U	69	69	U
2,4-Dichlorophenol	ug/kg	73	73	U	71	71	U	69	69	U
2,4-Dimethylphenol	ug/kg	440	440	U	420	420	U	420	420	U
2,4-Dinitrophenol	ug/kg	440	440	U	420	420	U	420	420	U
2,4-Dinitrotoluene	ug/kg	73	73	U	71	71	U	69	69	U
2,6-Dimethylnaphthalene	ug/kg	8.1	8.1	U	7.8	7.8	U	7.7	7.7	U
2,6-Dinitrotoluene	ug/kg	73	73	U	71	71	U	69	69	U
2-Chloronaphthalene	ug/kg	73	73	U	71	71	U	69	69	U
2-Chlorophenol	ug/kg	220	220	U	210	210	U	210	210	U
2-Methyl-4,6-dinitrophenol	ug/kg	73	73	U	71	71	U	69	69	U
2-Methylnaphthalene	ug/kg	8.1	8.1	U	7.8	7.8	U	7.7	7.7	U
2-Nitrophenol	ug/kg	73	73	U	71	71	U	69	69	U
3,3'-Dichlorobenzidine	ug/kg	4.40E+03	4.40E+03	U	4.20E+03	4.20E+03	U	4.20E+03	4.20E+03	U
4-Bromophenyl phenyl ether	ug/kg	73	73	U	71	71	U	69	69	U
4-Chloro-3-methylphenol	ug/kg	73	73	U	71	71	U	69	69	U
4-Chlorophenyl phenyl ether	ug/kg	73	73	U	71	71	U	69	69	U
4-Nitrophenol	ug/kg	73	73	U	71	71	U	69	69	U

Table 2: Location 75 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	75-A	MDL	Remark	75-A Deep	MDL	Remark	75-B	MDL	Remark
Acenaphthene	ug/kg	8.1	8.1	U	7.8	7.8	U	7.7	7.7	U
Acenaphthylene	ug/kg	8.1	8.1	U	7.8	7.8	U	7.7	7.7	U
Anthracene	ug/kg	8.1	8.1	U	7.8	7.8	U	7.7	7.7	U
Azobenzene/1,2-Diphenylhydrazine	ug/kg	73	73	U	71	71	U	69	69	U
Benzdine	ug/kg	1.60E+03	1.60E+03	U	1.50E+03	1.50E+03	U	1.50E+03	1.50E+03	U
Benzo(a)anthracene	ug/kg	8.1	8.1	U	7.8	7.8	U	7.7	7.7	U
Benzo(a)pyrene	ug/kg	8.1	8.1	U	7.8	7.8	U	7.7	7.7	U
Benzo(b)fluoranthene	ug/kg	8.1	8.1	U	7.8	7.8	U	7.7	7.7	U
Benzo(g,h,i)perylene	ug/kg	8.1	8.1	U	7.8	7.8	U	7.7	7.7	U
Benzo(k)fluoranthene	ug/kg	8.1	8.1	U	7.8	7.8	U	7.7	7.7	U
Biphenyl	ug/kg	8.1	8.1	U	7.8	7.8	U	7.7	7.7	U
Bis(2-chloroethoxy)methane	ug/kg	73	73	U	71	71	U	69	69	U
Bis(2-chloroethyl)ether	ug/kg	73	73	U	71	71	U	69	69	U
Bis(2-chloroisopropyl)ether	ug/kg	73	73	U	71	71	U	69	69	U
Bis(2-ethylhexyl)phthalate	ug/kg	440	440	U	420	420	U	420	420	U
Butyl benzyl phthalate	ug/kg	73	73	U	71	71	U	69	69	U
Chrysene	ug/kg	9.3	8.1	I	7.8	7.8	U	7.7	7.7	U
Dibenzo(a,h)anthracene	ug/kg	8.1	8.1	U	7.8	7.8	U	7.7	7.7	U
Dibenzothiophene	ug/kg	8.1	8.1	U	7.8	7.8	U	7.7	7.7	U
Diethyl phthalate	ug/kg	73	73	U	71	71	U	69	69	U
Dimethyl phthalate	ug/kg	73	73	U	71	71	U	69	69	U
Di-n-butyl phthalate	ug/kg	440	440	U	420	420	U	420	420	U
Di-n-octyl phthalate	ug/kg	73	73	U	71	71	U	69	69	U
Fluoranthene	ug/kg	11	8.1	I	7.8	7.8	U	7.7	7.7	U
Fluorene	ug/kg	8.1	8.1	U	7.8	7.8	U	7.7	7.7	U
Hexachlorobenzene	ug/kg	73	73	U	71	71	U	69	69	U
Hexachlorobutadiene	ug/kg	220	220	U	210	210	U	210	210	U
Hexachlorocyclopentadiene	ug/kg	73	73	UJ	71	71	UJ	69	69	UJ
Hexachloroethane	ug/kg	220	220	U	210	210	U	210	210	U

Table 2: Location 75 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	75-A	MDL	Remark	75-A Deep	MDL	Remark	75-B	MDL	Remark
Indeno(1,2,3-cd)pyrene	ug/kg	8.1	8.1	U	7.8	7.8	U	7.7	7.7	U
Isophorone	ug/kg	73	73	U	71	71	U	69	69	U
Naphthalene	ug/kg	8.1	8.1	U	7.8	7.8	U	7.7	7.7	U
Nitrobenzene	ug/kg	73	73	U	71	71	U	69	69	U
N-Nitrosodimethylamine	ug/kg	440	440	U	420	420	U	420	420	U
N-Nitrosodi-n-propylamine	ug/kg	73	73	U	71	71	U	69	69	U
N-Nitrosodiphenylamine/ Diphenylamine	ug/kg	73	73	U	71	71	U	69	69	U
Pentachlorophenol	ug/kg	73	73	U	71	71	U	69	69	U
Phenanthrene	ug/kg	8.1	8.1	U	7.8	7.8	U	7.7	7.7	U
Phenol	ug/kg	73	73	U	71	71	U	69	69	U
Pyrene	ug/kg	12	8.1	I	7.8	7.8	U	7.7	7.7	U
TRPH	mg/kg	300	13		110	12		12	12	U
Pesticides/Herbicides/PCBs	Units	75-A	MDL	Remark	75-A Deep	MDL	Remark	75-B	MDL	Remark
2,4,5-T	ug/kg	7.9	7.9	U						
2,4-D	ug/kg	7.9	7.9	UJ						
3-Hydroxycarbofuran	ug/kg	0.61	0.61	U						
Acifluorfen	ug/kg	7.9	7.9	UJ						
Aldicarb	ug/kg	0.61	0.61	U						
Aldicarb Sulfone	ug/kg	0.61	0.61	U						
Aldicarb Sulfoxide	ug/kg	0.61	0.61	U						
Carbaryl	ug/kg	0.61	0.61	UJ						
Carbofuran	ug/kg	0.61	0.61	U						
Diuron	ug/kg	7.3	7.3	U						
Imidacloprid	ug/kg	7.3	7.3	U						
Linuron	ug/kg	7.3	7.3	U						
Methiocarb	ug/kg	0.61	0.61	UJ						
Methomyl	ug/kg	0.61	0.61	U						
Oxamyl	ug/kg	0.61	0.61	UJ						
Propoxur	ug/kg	0.61	0.61	U						

Table 2: Location 75 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	75-A	MDL	Remark	75-A Deep	MDL	Remark	75-B	MDL	Remark
Silvex	ug/kg	7.9	7.9	U						
Alachlor	ug/kg	12	12	U	12	12	U	12	12	U
Aldrin	ug/Kg	0.41	0.41	U	0.39	0.39	U	0.38	0.38	U
Alpha-BHC	ug/Kg	0.41	0.41	U	0.39	0.39	U	0.38	0.38	U
Ametryn	ug/kg	2	2	U	2	2	U	1.9	1.9	U
Atrazine	ug/kg	2.3	2	I	2	2	U	1.9	1.9	U
Azinphos Methyl	ug/kg	6.1	6.1	UJ	5.9	5.9	UJ	5.8	5.8	UJ
Beta-BHC	ug/Kg	0.41	0.41	U	0.39	0.39	U	0.38	0.38	U
Bromacil	ug/kg	8.1	8.1	U	7.8	7.8	U	7.7	7.7	U
Chlordane	ug/Kg	27	6.1		11	5.9	I	5.8	5.8	U
Chlorpyrifos Ethyl	ug/kg	2	2	U	2	2	U	1.9	1.9	U
Chlorpyrifos Methyl	ug/kg	4.1	4.1	U	3.9	3.9	U	3.8	3.8	U
DDD-p,p'	ug/Kg	0.81	0.81	U	0.78	0.78	U	0.77	0.77	U
DDE-p,p'	ug/Kg	0.81	0.81	U	0.78	0.78	U	0.77	0.77	U
DDT-p,p'	ug/Kg	1.2	1.2	U	1.2	1.2	U	1.2	1.2	U
Delta-BHC	ug/Kg	0.81	0.81	U	0.78	0.78	U	0.77	0.77	U
Diazinon	ug/kg	2	2	U	2	2	U	1.9	1.9	U
Dieldrin	ug/Kg	2.2	0.41		1.3	0.39	I	0.38	0.38	U
Endosulfan I	ug/Kg	0.41	0.41	U	0.39	0.39	U	0.38	0.38	U
Endosulfan II	ug/Kg	0.41	0.41	U	0.39	0.39	U	0.38	0.38	U
Endosulfan Sulfate	ug/Kg	0.81	0.81	U	0.78	0.78	U	0.77	0.77	U
Endrin	ug/Kg	2	2	U	2	2	U	1.9	1.9	U
Endrin Aldehyde	ug/Kg	0.81	0.81	U	0.78	0.78	U	0.77	0.77	U
Ethion	ug/kg	2	2	U	2	2	U	1.9	1.9	U
Ethoprop	ug/kg	2	2	U	2	2	U	1.9	1.9	U
Fenamiphos	ug/kg	8.1	8.1	U	7.8	7.8	U	7.7	7.7	U
Fonofos	ug/kg	2	2	U	2	2	U	1.9	1.9	U
Gamma-BHC	ug/Kg	0.41	0.41	U	0.39	0.39	U	0.38	0.38	U
Heptachlor	ug/Kg	0.41	0.41	U	0.39	0.39	U	0.38	0.38	U

Table 2: Location 75 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	75-A	MDL	Remark	75-A Deep	MDL	Remark	75-B	MDL	Remark
Heptachlor Epoxide	ug/kg	0.41	0.41	U	0.39	0.39	U	0.38	0.38	U
Hexazinone	ug/kg	4.1	4.1	U	3.9	3.9	U	3.8	3.8	U
Malathion	ug/kg	4.1	4.1	U	3.9	3.9	U	3.8	3.8	U
Methamidophos	ug/kg	20	20	UJ	20	20	U	19	19	U
Methoxychlor	ug/kg	2	2	U	2	2	U	1.9	1.9	U
Metolachlor	ug/kg	12	12	U	12	12	U	12	12	U
Metribuzin	ug/kg	4.1	4.1	U	3.9	3.9	U	3.8	3.8	U
Mevinphos	ug/kg	8.1	8.1	U	7.8	7.8	U	7.7	7.7	U
Monocrotophos	ug/kg	20	20	UJ	20	20	U	19	19	U
Naled	ug/kg	16	16	U	16	16	U	15	15	U
Norflurazon	ug/kg	4.1	4.1	U	3.9	3.9	U	3.8	3.8	U
Parathion Ethyl	ug/kg	4.1	4.1	U	3.9	3.9	U	3.8	3.8	U
Parathion Methyl	ug/kg	4.1	4.1	U	3.9	3.9	U	3.8	3.8	U
PCB-1016	ug/Kg	12	12	U	12	12	U	12	12	U
PCB-1221	ug/Kg	8.1	8.1	U	7.8	7.8	U	7.7	7.7	U
PCB-1232	ug/Kg	18	18	U	18	18	U	17	17	U
PCB-1242	ug/Kg	12	12	U	12	12	U	12	12	U
PCB-1248	ug/Kg	8.1	8.1	U	7.8	7.8	U	7.7	7.7	U
PCB-1254	ug/Kg	8.1	8.1	U	7.8	7.8	U	7.7	7.7	U
PCB-1260	ug/Kg	12	12	U	12	12	U	12	12	U
Phorate	ug/kg	2	2	U	2	2	U	1.9	1.9	U
Prometryn	ug/kg	4.1	4.1	U	3.9	3.9	U	3.8	3.8	U
Simazine	ug/kg	2	2	U	2	2	U	1.9	1.9	U
Toxaphene	ug/Kg	30	30	U	29	29	U	29	29	U
Diquat	mg/Kg	0.049	0.049	U						
Paraquat	mg/Kg	0.061	0.061	U						
Metals	Units	75-A	MDL	Remark	75-A Deep	MDL	Remark	75-B	MDL	Remark
Mercury	mg/Kg	0.027	0.0065	I	0.014	0.006	I	0.016	0.0059	I
Antimony	mg/Kg	0.48	0.48	U	0.48	0.48	U	0.49	0.49	U

Table 2: Location 75 Soil Sample Chemical Results

Metals	Units	75-A	MDL	Remark	75-A Deep	MDL	Remark	75-B	MDL	Remark
Arsenic	mg/Kg	0.42	0.19	I	0.19	0.19	U	2.93	0.2	
Barium	mg/Kg	3.3	0.096		1.82	0.097		12.5	0.099	
Beryllium	mg/Kg	0.038	0.038	U	0.039	0.039	U	0.16	0.04	
Cadmium	mg/Kg	0.096	0.096	U	0.097	0.097	U	0.099	0.099	U
Chromium	mg/Kg	2.6	0.48		1.2	0.48	I	7.3	0.49	
Cobalt	mg/Kg	0.14	0.038	I	0.079	0.039	I	0.64	0.04	
Copper	mg/Kg	2.9	0.48		1.3	0.48	I	1.7	0.49	I
Lead	mg/Kg	3.4	0.72		1.7	0.73	I	4.3	0.74	
Nickel	mg/Kg	0.64	0.48	I	0.48	0.48	U	1.2	0.49	I
Selenium	mg/Kg	0.29	0.29	U	0.29	0.29	U	0.3	0.3	U
Silver	mg/Kg	0.024	0.024	U	0.024	0.024	U	0.025	0.025	U
Thallium	mg/Kg	0.096	0.096	U	0.097	0.097	U	0.099	0.099	U
Zinc	mg/Kg	10.5	1.9		5.37	1.9	I	3.05	2	I
Dioxins/Furans	Units	75-A	MDL	Remark	75-A Deep	MDL	Remark	75-B	MDL	Remark
1,2,3,4,6,7,8-HpCDD	ng/Kg	5.96	3.4							
1,2,3,4,6,7,8-HpCDF	ng/Kg	0.552	3.4	I						
1,2,3,4,7,8,9-HpCDF	ng/Kg	0.13	3.4	U						
1,2,3,4,7,8-HxCDD	ng/Kg	0.122	3.4	U						
1,2,3,4,7,8-HxCDF	ng/Kg	0.0635	3.4	U						
1,2,3,6,7,8-HxCDD	ng/Kg	0.33	3.4	I						
1,2,3,6,7,8-HxCDF	ng/Kg	0.0604	3.4	U						
1,2,3,7,8,9-HxCDD	ng/Kg	0.336	3.4	U						
1,2,3,7,8,9-HxCDF	ng/Kg	0.0789	3.4	U						
1,2,3,7,8-PeCDD	ng/Kg	0.0899	3.4	U						
1,2,3,7,8-PeCDF	ng/Kg	0.0703	3.4	U						
2,3,4,6,7,8-HxCDF	ng/Kg	0.0677	3.4	U						
2,3,4,7,8-PeCDF	ng/Kg	0.0695	3.4	U						
2,3,7,8-TCDD	ng/Kg	0.0771	1.36	U						
2,3,7,8-TCDF	ng/Kg	0.0972	1.36	U						

Table 2: Location 75 Soil Sample Chemical Results

Dioxins/Furans	Units	75-A	MDL	Remark	75-A Deep	MDL	Remark	75-B	MDL	Remark
OCDD	ng/Kg	34.6	6.81	V						
OCDF	ng/Kg	0.708	6.81	I						
Total Hepta-Dioxins	ng/Kg	14.4	3.4							
Total Hepta-Furans	ng/Kg	0.976	3.4	I						
Total Hexa-Dioxins	ng/Kg	3.37	3.4	I						
Total Hexa-Furans	ng/Kg	0.476	3.4	I						
Total Penta-Dioxins	ng/Kg	0.0899	3.4	U						
Total Penta-Furans	ng/Kg	0.42	3.4	I						
Total Tetra-Dioxins	ng/Kg	0.0771	1.36	U						
Total Tetra-Furans	ng/Kg	0.809	1.36	I						
Calculated Total Toxicity Equivalents (TEQ)	Units	75-A			75-A Deep			75-B		
Dioxins as total 2,3,7,8-TCDD	ng/Kg	0.269								
Total Benzo(a)pyrene	mg/Kg	0.01								

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

Table 3: Location 75 Soil Sample Radionuclide Results

Radionuclides	Units	75-A	Remark	75-A Deep	Remark	75-B	Remark
Actinium-228	pCi/g	0.183	U	0.153	U	0.245	
Actinium-228 Uncertainty	pCi/g	0.103		0.0814		0.15	
Alpha Uncertainty	pCi/g	1.99		1.1		2.84	
Alpha, Total	pCi/g	3.26	UJ	2.94	U	5.43	
Americium-241	pCi/g	0.175	U	0.0273	U	0.178	U
Americium-241 Uncertainty	pCi/g	0.0977		0.0149		0.101	
Antimony-124	pCi/g	0.0582	U	0.0709	U	0.0689	U
Antimony-124 Uncertainty	pCi/g	0.0376		0.0352		0.0468	
Antimony-125	pCi/g	0.0737	U	0.0552	U	0.109	U
Antimony-125 Uncertainty	pCi/g	0.0385		0.0347		0.0678	
Barium-133	pCi/g	0.0344	U	0.029	U	0.0189	U
Barium-133 Uncertainty	pCi/g	0.0218		0.0177		0.0325	
Barium-140	pCi/g	0.248	U	0.227	U	0.366	U
Barium-140 Uncertainty	pCi/g	0.132		0.126		0.208	
Beryllium-7	pCi/g	0.309		0.259	U	0.402	U
Beryllium-7 Uncertainty	pCi/g	0.182		0.154		0.232	
Beta Uncertainty	pCi/g	1.99		2		2.14	
Beta, Total	pCi/g	3.78	U	3.4	U	3.85	
Bismuth-212	pCi/g	0.396	U	0.368	U	0.689	U
Bismuth-212 Uncertainty	pCi/g	0.239		0.223		0.363	
Bismuth-214	pCi/g	0.186		0.0877	UJ	0.392	
Bismuth-214 Uncertainty	pCi/g	0.0732		0.0504		0.0929	
Cerium-139	pCi/g	0.023	U	0.0188	U	0.0352	U
Cerium-139 Uncertainty	pCi/g	0.0133		0.0102		0.0202	
Cerium-141	pCi/g	0.0481	U	0.0396	U	0.0832	U
Cerium-141 Uncertainty	pCi/g	0.0271		0.0224		0.0473	
Cerium-144	pCi/g	0.156	U	0.117	U	0.225	U
Cerium-144 Uncertainty	pCi/g	0.0847		0.0618		0.136	

Table 3: Location 75 Soil Sample Radionuclide Results

Radionuclides	Units	75-A	Remark	75-A Deep	Remark	75-B	Remark
Cesium-134	pCi/g	0.0355	U	0.0375	U	0.0533	U
Cesium-134 Uncertainty	pCi/g	0.021		0.019		0.0291	
Cesium-136	pCi/g	0.104	U	0.0898	U	0.109	U
Cesium-136 Uncertainty	pCi/g	0.0602		0.0583		0.0659	
Cesium-137	pCi/g	0.0407		0.0483	U	0.1	
Cesium-137 Uncertainty	pCi/g	0.0244		0.0236		0.0383	
Chromium-51	pCi/g	0.28	U	0.294	U	0.503	U
Chromium-51 Uncertainty	pCi/g	0.174		0.156		0.28	
Cobalt-56	pCi/g	0.032	U	0.0295	U	0.0377	U
Cobalt-56 Uncertainty	pCi/g	0.018		0.0162		0.024	
Cobalt-57	pCi/g	0.0186	U	0.0142	U	0.0301	U
Cobalt-57 Uncertainty	pCi/g	0.00984		0.00829		0.0176	
Cobalt-58	pCi/g	0.0312	U	0.0313	U	0.0437	U
Cobalt-58 Uncertainty	pCi/g	0.0176		0.0182		0.0269	
Cobalt-60	pCi/g	0.0303	U	0.0358	U	0.0343	U
Cobalt-60 Uncertainty	pCi/g	0.0181		0.0181		0.0221	
Europium-152	pCi/g	0.0761	U	0.0619	U	0.108	U
Europium-152 Uncertainty	pCi/g	0.042		0.0343		0.0754	
Europium-154	pCi/g	0.0841	U	0.0909	U	0.123	U
Europium-154 Uncertainty	pCi/g	0.0438		0.0525		0.072	
Europium-155	pCi/g	0.0754	U	0.0544	U	0.12	U
Europium-155 Uncertainty	pCi/g	0.0407		0.0277		0.0704	
Iridium-192	pCi/g	0.03	U	0.0226	U	0.044	U
Iridium-192 Uncertainty	pCi/g	0.0151		0.013		0.024	
Iron-59	pCi/g	0.0641	U	0.0703	U	0.0907	U
Iron-59 Uncertainty	pCi/g	0.0422		0.0411		0.0506	
Lead-210	pCi/g	6.86	U	0.385	U	4.5	U
Lead-210 Uncertainty	pCi/g	3.69		0.186		2.38	

Table 3: Location 75 Soil Sample Radionuclide Results

Radionuclides	Units	75-A	Remark	75-A Deep	Remark	75-B	Remark
Lead-212	pCi/g	0.0665	U	0.0672		0.347	
Lead-212 Uncertainty	pCi/g	0.0344		0.0545		0.0679	
Lead-214	pCi/g	0.104	UJ	0.145		0.498	
Lead-214 Uncertainty	pCi/g	0.0672		0.0582		0.104	
Manganese-54	pCi/g	0.0263	U	0.028	U	0.038	U
Manganese-54 Uncertainty	pCi/g	0.0144		0.0154		0.0277	
Mercury-203	pCi/g	0.0312	U	0.026	U	0.0512	U
Mercury-203 Uncertainty	pCi/g	0.0166		0.0154		0.0281	
Neodymium-147	pCi/g	0.49	U	0.495	U	0.742	U
Neodymium-147 Uncertainty	pCi/g	0.283		0.323		0.46	
Neptunium-239	pCi/g	0.272	U	0.203	U	0.486	U
Neptunium-239 Uncertainty	pCi/g	0.154		0.112		0.273	
Niobium-94	pCi/g	0.0268	U	0.0274	U	0.0365	U
Niobium-94 Uncertainty	pCi/g	0.0154		0.0164		0.0202	
Niobium-95	pCi/g	0.034	U	0.0364	U	0.0474	U
Niobium-95 Uncertainty	pCi/g	0.0191		0.0196		0.0291	
Potassium-40	pCi/g	0.485		0.408	U	1.28	
Potassium-40 Uncertainty	pCi/g	0.251		0.206		0.573	
Promethium-144	pCi/g	0.0282	U	0.0313	U	0.0392	U
Promethium-144 Uncertainty	pCi/g	0.0153		0.0179		0.023	
Promethium-146	pCi/g	0.0348	U	0.0287	U	0.0458	U
Promethium-146 Uncertainty	pCi/g	0.0194		0.0176		0.0259	
Radium-228	pCi/g	0.183	U	0.153	U	0.245	
Radium-228 Uncertainty	pCi/g	0.103		0.0814		0.15	
Ruthenium-106	pCi/g	0.242	U	0.249	U	0.367	U
Ruthenium-106 Uncertainty	pCi/g	0.13		0.139		0.204	
Silver-110m	pCi/g	0.0317	U	0.0307	U	0.0505	U
Silver-110m Uncertainty	pCi/g	0.0176		0.0226		0.0297	

Table 3: Location 75 Soil Sample Radionuclide Results

Radionuclides	Units	75-A	Remark	75-A Deep	Remark	75-B	Remark
Sodium-22	pCi/g	0.0299	U	0.0325	U	0.0441	U
Sodium-22 Uncertainty	pCi/g	0.0152		0.019		0.0256	
Thallium-208	pCi/g	0.04	U	0.0459		0.0823	
Thallium-208 Uncertainty	pCi/g	0.0211		0.0258		0.0412	
Thorium-234	pCi/g	1.52	U	0.436	U	1.61	U
Thorium-234 Uncertainty	pCi/g	0.814		0.214		0.905	
Tin-113	pCi/g	0.0341	U	0.0344	U	0.0528	U
Tin-113 Uncertainty	pCi/g	0.0209		0.0192		0.0308	
Uranium-235	pCi/g	0.155	U	0.137	U	0.255	U
Uranium-235 Uncertainty	pCi/g	0.0809		0.0745		0.144	
Uranium-238	pCi/g	1.52	U	0.436	U	1.61	U
Uranium-238 Uncertainty	pCi/g	0.814		0.214		0.905	
Yttrium-88	pCi/g	0.0298	U	0.0128	U	0.0489	U
Yttrium-88 Uncertainty	pCi/g	0.0206		0.00922		0.0251	
Zinc-65	pCi/g	0.0548	U	0.0653	U	0.0802	U
Zinc-65 Uncertainty	pCi/g	0.0323		0.0365		0.0615	
Zirconium-95	pCi/g	0.0539	U	0.054	U	0.0755	U
Zirconium-95 Uncertainty	pCi/g	0.0306		0.0313		0.0436	