

**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
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Tallahassee, Florida 32399-2400

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Guide to Understanding Soil Sampling Results July 19, 2010

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Location 10

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

Analyte	Residential SCTL	10-A	10-A Deep	10-B	10-C	10-D
Exceedances						
Benzo(a)pyrene	0.1 mg/Kg	ND	ND	0.190	ND	ND

SCTL=Soil Cleanup Target Level

ND=Non Detect

NA=Not Analyzed

Yellow Shading=Exceedance of SCTL

ng/Kg= nanograms per Kilogram

mg/Kg=milligrams per Kilogram

Table 2: Location 10 Soil Sample Chemical Results

Volatile Organic Compounds	Units	10-A	MDL	Remark	10-A Deep	MDL	Remark	10-B	MDL	Remark	10-C	MDL	Remark	10-D	MDL	Remark
1,1,1-Trichloroethane	ug/kg	4.8	4.8	U	4.2	4.2	U	4.4	4.4	U	4.4	4.4	U	5.6	5.6	U
1,1,2,2-Tetrachloroethane	ug/kg	12	12	UJ	11	11	UJ	11	11	UJ	11	11	UJ	14	14	UJ
1,1,2-Trichloroethane	ug/kg	4.8	4.8	U	4.2	4.2	U	4.4	4.4	U	4.4	4.4	U	5.6	5.6	U
1,1-Dichloroethane	ug/kg	4.8	4.8	U	4.2	4.2	U	4.4	4.4	U	4.4	4.4	U	5.6	5.6	U
1,1-Dichloroethene	ug/kg	12	12	U	11	11	U	11	11	U	11	11	U	14	14	U
1,2-Dichlorobenzene	ug/kg	12	12	U	11	11	U	11	11	U	11	11	U	14	14	U
1,2-Dichloroethane	ug/kg	4.8	4.8	U	4.2	4.2	U	4.4	4.4	U	4.4	4.4	U	5.6	5.6	U
1,2-Dichloropropane	ug/kg	12	12	U	11	11	U	11	11	U	11	11	U	14	14	U
1,3-Dichlorobenzene	ug/kg	12	12	U	11	11	U	11	11	U	11	11	U	14	14	U
1,4-Dichlorobenzene	ug/kg	12	12	U	11	11	U	11	11	U	11	11	U	14	14	U
2-Butanone	ug/kg	120	120	U	110	110	U	110	110	U	110	110	U	140	140	U
2-Chloroethylvinyl ether	ug/kg	12	12	U	11	11	U	11	11	U	11	11	U	14	14	U
Benzene	ug/kg	4.8	4.8	U	4.2	4.2	U	4.4	4.4	U	4.4	4.4	U	5.6	5.6	U
Bromodichloromethane	ug/kg	4.8	4.8	U	4.2	4.2	U	4.4	4.4	U	4.4	4.4	U	5.6	5.6	U
Bromoform	ug/kg	12	12	UJ	11	11	UJ	11	11	UJ	11	11	UJ	14	14	UJ
Bromomethane	ug/kg	12	12	U	11	11	U	11	11	U	11	11	U	14	14	U
Carbon tetrachloride	ug/kg	4.8	4.8	UJ	4.2	4.2	UJ	4.4	4.4	UJ	4.4	4.4	U	5.6	5.6	UJ
Chlorobenzene	ug/kg	4.8	4.8	U	4.2	4.2	U	4.4	4.4	U	4.4	4.4	U	5.6	5.6	U
Chloroethane	ug/kg	12	12	U	11	11	U	11	11	U	11	11	U	14	14	U
Chloroform	ug/kg	4.8	4.8	U	4.2	4.2	U	4.4	4.4	U	4.4	4.4	U	5.6	5.6	U
Chloromethane	ug/kg	12	12	U	11	11	U	11	11	U	11	11	U	14	14	U
cis-1,2-Dichloroethene	ug/kg	12	12	U	11	11	U	11	11	U	11	11	U	14	14	U
cis-1,3-Dichloropropene	ug/kg	12	12	UJ	11	11	UJ	11	11	UJ	11	11	UJ	14	14	UJ
Dibromochloromethane	ug/kg	4.8	4.8	U	4.2	4.2	U	4.4	4.4	U	4.4	4.4	U	5.6	5.6	U
Ethylbenzene	ug/kg	12	12	U	11	11	U	11	11	U	11	11	U	14	14	U
m,p-Xylene	ug/kg	12	12	U	11	11	U	11	11	U	11	11	U	14	14	U
Methylene chloride	ug/kg	12	12	UJ	11	11	UJ	11	11	UJ	11	11	U	14	14	UJ
Methyl-t-butyl ether	ug/kg	12	12	U	11	11	U	11	11	U	11	11	U	14	14	U
o-Xylene	ug/kg	4.8	4.8	U	4.2	4.2	U	4.4	4.4	U	4.4	4.4	U	5.6	5.6	U

Table 2: Location 10 Soil Sample Chemical Results

Volatile Organic Compounds	Units	10-A	MDL	Remark	10-A Deep	MDL	Remark	10-B	MDL	Remark	10-C	MDL	Remark	10-D	MDL	Remark
Tetrachloroethene	ug/kg	12	12	U	11	11	U	11	11	U	11	11	U	14	14	U
Toluene	ug/kg	12	12	U	11	11	U	11	11	U	11	11	U	14	14	U
trans-1,2-Dichloroethene	ug/kg	12	12	U	11	11	U	11	11	U	11	11	U	14	14	U
trans-1,3-Dichloropropene	ug/kg	4.8	4.8	U	4.2	4.2	U	4.4	4.4	U	4.4	4.4	U	5.6	5.6	U
Trichloroethene	ug/kg	4.8	4.8	U	4.2	4.2	U	4.4	4.4	U	4.4	4.4	U	5.6	5.6	U
Trichlorofluoromethane	ug/kg	12	12	U	11	11	U	11	11	U	11	11	U	14	14	U
Vinyl chloride	ug/kg	12	12	U	11	11	U	11	11	U	11	11	U	14	14	U
Semi-Volatile Organic Compounds	Units	10-A	MDL	Remark	10-A Deep	MDL	Remark	10-B	MDL	Remark	10-C	MDL	Remark	10-D	MDL	Remark
1,2,4-Trichlorobenzene	ug/kg	200	200	U	190	190	U	190	190	U	220	220	U	190	190	U
1-Methylnaphthalene	ug/kg	7.4	7.4	U	7.1	7.1	U	7.1	7.1	U	6.7	6.7	UJQ	7.2	7.2	U
1-Methylphenanthrene	ug/kg	7.4	7.4	U	7.1	7.1	U	7.1	7.1	U	8.3	8.3	U	7.2	7.2	U
2,3,5-Trimethylnaphthalene	ug/kg	7.4	7.4	U	7.1	7.1	U	7.1	7.1	U	8.3	8.3	U	7.2	7.2	U
2,4,6-Trichlorophenol	ug/kg	66	66	U	64	64	U	64	64	U	74	74	U	65	65	U
2,4-Dichlorophenol	ug/kg	66	66	U	64	64	U	64	64	U	74	74	U	65	65	U
2,4-Dimethylphenol	ug/kg	400	400	U	390	390	U	380	380	U	450	450	U	390	390	UJ
2,4-Dinitrophenol	ug/kg	400	400	U	390	390	U	380	380	U	450	450	U	390	390	U
2,4-Dinitrotoluene	ug/kg	66	66	U	64	64	U	64	64	U	74	74	U	65	65	U
2,6-Dimethylnaphthalene	ug/kg	7.4	7.4	U	7.1	7.1	U	7.1	7.1	U	6.7	6.7	UJQ	29	29	U
2,6-Dinitrotoluene	ug/kg	66	66	U	64	64	U	64	64	U	74	74	U	65	65	U
2-Chloronaphthalene	ug/kg	66	66	U	64	64	U	64	64	U	74	74	U	65	65	U
2-Chlorophenol	ug/kg	200	200	U	190	190	U	190	190	U	220	220	U	190	190	U
2-Methyl-4,6-dinitrophenol	ug/kg	66	66	U	64	64	U	64	64	U	74	74	U	65	65	UJ
2-Methylnaphthalene	ug/Kg	7.4	7.4	U	7.1	7.1	U	7.1	7.1	U	6.7	6.7	UJQ	24	24	U
2-Nitrophenol	ug/kg	66	66	U	64	64	U	64	64	U	74	74	U	65	65	U
3,3'-Dichlorobenzidine	ug/kg	4000	4000	UJ	3900	3900	UJ	3800	3800	UJ	4500	4500	UJ	3900	3900	U
4-Bromophenyl phenyl ether	ug/kg	66	66	U	64	64	U	64	64	U	74	74	U	65	65	U
4-Chloro-3-methylphenol	ug/kg	66	66	U	64	64	U	64	64	U	74	74	U	65	65	U
4-Chlorophenyl phenyl ether	ug/kg	66	66	U	64	64	U	64	64	U	74	74	U	65	65	U
4-Nitrophenol	ug/kg	66	66	U	64	64	U	64	64	U	74	74	U	65	65	U

Table 2: Location 10 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	10-A	MDL	Remark	10-A Deep	MDL	Remark	10-B	MDL	Remark	10-C	MDL	Remark	10-D	MDL	Remark
Acenaphthene	ug/kg	7.4	7.4	U	7.1	7.1	U	7.1	7.1	U	8.3	8.3	U	7.2	7.2	U
Acenaphthylene	ug/kg	7.4	7.4	U	7.1	7.1	U	7.1	7.1	U	8.3	8.3	U	7.2	7.2	U
Anthracene	ug/kg	7.4	7.4	U	7.1	7.1	U	11	7.1	I	8.3	8.3	U	7.2	7.2	U
Azobenzene/1,2-Diphenylhydrazine	ug/kg	66	66	U	64	64	U	64	64	U	74	74	U	65	65	U
Benzidine	ug/kg	1300	1300	U	1300	1300	U	1300	1300	U	1600	1600	U	1300	1300	UJ
Benzo(a)anthracene	ug/kg	7.4	7.4	U	7.1	7.1	U	140	7.1		8.3	8.3	U	7.2	7.2	U
Benzo(a)pyrene	ug/kg	7.4	7.4	U	7.1	7.1	U	190	7.1		8.3	8.3	U	7.2	7.2	U
Benzo(b)fluoranthene	ug/kg	7.4	7.4	U	7.1	7.1	U	290	7.1		8.3	8.3	U	7.2	7.2	U
Benzo(g,h,i)perylene	ug/kg	7.4	7.4	U	7.1	7.1	U	150	7.1		8.3	8.3	U	7.2	7.2	U
Benzo(k)fluoranthene	ug/kg	7.4	7.4	U	7.1	7.1	U	100	7.1		8.3	8.3	U	7.2	7.2	U
Biphenyl	ug/kg	7.4	7.4	U	7.1	7.1	U	7.1	7.1	U	8.3	8.3	U	7.2	7.2	U
Bis(2-chloroethoxy)methane	ug/kg	66	66	U	64	64	U	64	64	U	74	74	U	65	65	U
Bis(2-chloroethyl)ether	ug/kg	66	66	U	64	64	U	64	64	U	74	74	U	65	65	U
Bis(2-chloroisopropyl)ether	ug/kg	66	66	U	64	64	U	64	64	U	74	74	U	65	65	UJ
Bis(2-ethylhexyl)phthalate	ug/kg	400	400	UJ	390	390	UJ	380	380	UJ	450	450	UQ	1.60E+04	1.60E+04	UJ
Butyl benzyl phthalate	ug/kg	66	66	UJ	64	64	UJ	64	64	UJ	74	74	UJ	65	65	UJ
Chrysene	ug/kg	7.4	7.4	U	7.1	7.1	U	190	7.1		8.3	8.3	U	7.2	7.2	U
Dibenzo(a,h)anthracene	ug/kg	7.4	7.4	U	7.1	7.1	U	39	7.1		8.3	8.3	U	7.2	7.2	U
Dibenzothiophene	ug/kg	7.4	7.4	U	7.1	7.1	U	7.1	7.1	U	8.3	8.3	U	7.2	7.2	U
Diethyl phthalate	ug/kg	66	66	U	64	64	U	64	64	U	74	74	U	65	65	UJ
Dimethyl phthalate	ug/kg	66	66	U	64	64	U	64	64	U	74	74	U	65	65	U
Di-n-butyl phthalate	ug/kg	400	400	U	390	390	U	380	380	U	450	450	U	390	390	U
Di-n-octyl phthalate	ug/kg	66	66	UJ	64	64	UJ	64	64	UJ	74	74	UJ	65	65	UJ
Fluoranthene	ug/kg	7.4	7.4	U	7.1	7.1	U	360	7.1		8.3	8.3	U	7.2	7.2	U
Fluorene	ug/kg	7.4	7.4	U	7.1	7.1	U	7.1	7.1	U	8.3	8.3	U	7.2	7.2	U
Hexachlorobenzene	ug/kg	66	66	U	64	64	U	64	64	U	74	74	U	65	65	U
Hexachlorobutadiene	ug/kg	200	200	U	190	190	U	190	190	U	220	220	U	190	190	U
Hexachlorocyclopentadiene	ug/kg	66	66	UJ	64	64	UJ	64	64	UJ	74	74	UJ	65	65	U
Hexachloroethane	ug/kg	200	200	U	190	190	U	190	190	U	220	220	U	190	190	U

Table 2: Location 10 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	10-A	MDL	Remark	10-A Deep	MDL	Remark	10-B	MDL	Remark	10-C	MDL	Remark	10-D	MDL	Remark
Indeno(1,2,3-cd)pyrene	ug/kg	7.4	7.4	U	7.1	7.1	U	130	7.1		8.3	8.3	U	7.2	7.2	U
Isophorone	ug/kg	66	66	U	64	64	U	64	64	U	74	74	U	65	65	U
Naphthalene	ug/kg	7.4	7.4	U	7.1	7.1	U	7.1	7.1	U	8.3	8.3	U	7.2	7.2	U
Nitrobenzene	ug/kg	66	66	U	64	64	U	64	64	U	74	74	U	65	65	U
N-Nitrosodimethylamine	ug/kg	400	400	U	390	390	U	380	380	U	450	450	U	390	390	U
N-Nitrosodi-n-propylamine	ug/kg	66	66	U	64	64	U	64	64	U	74	74	U	65	65	UJ
N-Nitrosodiphenylamine/ Diphenylamine	ug/kg	66	66	U	64	64	U	64	64	U	74	74	U	65	65	U
Pentachlorophenol	ug/kg	66	66	U	64	64	U	64	64	U	74	74	U	65	65	U
Phenanthrene	ug/kg	7.4	7.4	U	7.1	7.1	U	82	7.1		8.3	8.3	U	7.2	7.2	U
Phenol	ug/kg	66	66	U	64	64	U	64	64	U	74	74	U	65	65	U
Pyrene	ug/kg	7.4	7.4	U	7.1	7.1	U	300	7.1		8.3	8.3	U	7.2	7.2	U
TRPH	mg/kg	12	12	U	11	11	U	11	11	U	13	13	U	11	11	U
Pesticides/Herbicides/PCBs	Units	10-A	MDL	Remark	10-A Deep	MDL	Remark	10-B	MDL	Remark	10-C	MDL	Remark	10-D	MDL	Remark
2,4,5-T	ug/kg													7	7	U
2,4-D	ug/kg													7	7	U
3-Hydroxycarbofuran	ug/kg													0.53	0.53	UJ
Acifluorfen	ug/kg													7	7	U
Aldicarb	ug/kg													0.53	0.53	UJ
Aldicarb Sulfone	ug/kg													0.53	0.53	UJ
Aldicarb Sulfoxide	ug/kg													0.53	0.53	UJ
Carbaryl	ug/kg													0.53	0.53	UJ
Carbofuran	ug/kg													0.53	0.53	UJ
Diuron	ug/kg													6.4	6.4	U
Imidacloprid	ug/kg													6.4	6.4	U
Linuron	ug/kg													6.4	6.4	U
Methiocarb	ug/kg													0.53	0.53	UJ
Methomyl	ug/kg													0.53	0.53	UJ
Oxamyl	ug/kg													0.53	0.53	UJ
Propoxur	ug/kg													0.53	0.53	UJ

Table 2: Location 10 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	10-A	MDL	Remark	10-A Deep	MDL	Remark	10-B	MDL	Remark	10-C	MDL	Remark	10-D	MDL	Remark
Silvex	ug/kg													7	7	U
Alachlor	ug/kg	11	11	U	11	11	U	11	11	U	12	12	U	11	11	U
Aldrin	ug/Kg	0.37	0.37	U	0.36	0.36	U	0.35	0.35	U	0.41	0.41	U	0.36	0.36	U
Alpha-BHC	ug/Kg	0.37	0.37	U	0.36	0.36	U	0.35	0.35	U	0.41	0.41	U	0.36	0.36	U
Ametryn	ug/kg	1.8	1.8	U	1.8	1.8	U	1.8	1.8	U	2.1	2.1	U	1.8	1.8	U
Atrazine	ug/kg	1.8	1.8	U	1.8	1.8	U	1.8	1.8	U	2.1	2.1	U	1.8	1.8	U
Azinphos Methyl	ug/kg	5.5	5.5	U	5.4	5.4	U	5.3	5.3	U	6.2	6.2	U	5.4	5.4	U
Beta-BHC	ug/Kg	0.37	0.37	U	0.36	0.36	U	0.35	0.35	U	0.41	0.41	U	0.36	0.36	U
Bromacil	ug/kg	7.4	7.4	U	7.1	7.1	U	7.1	7.1	U	8.3	8.3	U	7.2	7.2	U
Chlordane	ug/Kg	5.5	5.5	U	5.4	5.4	U	5.3	5.3	U	6.2	6.2	U	5.4	5.4	U
Chlorpyrifos Ethyl	ug/kg	1.8	1.8	U	1.8	1.8	U	1.8	1.8	U	2.1	2.1	U	1.8	1.8	U
Chlorpyrifos Methyl	ug/kg	3.7	3.7	U	3.6	3.6	U	3.5	3.5	U	4.1	4.1	U	3.6	3.6	U
DDD-p,p'	ug/Kg	0.74	0.74	U	0.71	0.71	U	0.71	0.71	U	0.83	0.83	U	0.72	0.72	U
DDE-p,p'	ug/Kg	0.74	0.74	U	0.71	0.71	U	0.71	0.71	U	0.83	0.83	U	0.72	0.72	U
DDT-p,p'	ug/Kg	1.1	1.1	U	1.1	1.1	U	1.1	1.1	U	1.2	1.2	U	1.1	1.1	U
Delta-BHC	ug/Kg	0.74	0.74	U	0.71	0.71	U	0.71	0.71	U	0.83	0.83	U	0.72	0.72	U
Diazinon	ug/kg	1.8	1.8	U	1.8	1.8	U	1.8	1.8	U	2.1	2.1	U	1.8	1.8	U
Dieldrin	ug/Kg	0.37	0.37	U	0.36	0.36	U	0.35	0.35	U	0.41	0.41	U	0.36	0.36	U
Endosulfan I	ug/Kg	0.37	0.37	U	0.36	0.36	U	0.35	0.35	U	0.41	0.41	U	0.36	0.36	U
Endosulfan II	ug/Kg	0.37	0.37	U	0.36	0.36	U	0.35	0.35	U	0.41	0.41	U	0.36	0.36	U
Endosulfan Sulfate	ug/Kg	0.74	0.74	U	0.71	0.71	U	0.71	0.71	U	0.83	0.83	U	0.72	0.72	U
Endrin	ug/Kg	1.8	1.8	U	1.8	1.8	U	1.8	1.8	U	2.1	2.1	U	1.8	1.8	U
Endrin Aldehyde	ug/Kg	0.74	0.74	U	0.71	0.71	U	0.71	0.71	U	0.83	0.83	U	0.72	0.72	U
Ethion	ug/kg	1.8	1.8	U	1.8	1.8	U	1.8	1.8	U	2.1	2.1	U	1.8	1.8	U
Ethoprop	ug/kg	1.8	1.8	U	1.8	1.8	U	1.8	1.8	U	2.1	2.1	U	1.8	1.8	U
Fenamiphos	ug/kg	3.7	3.7	U	3.6	3.6	U	3.5	3.5	U	4.1	4.1	U	7.2	7.2	U
Fonofos	ug/kg	1.8	1.8	U	1.8	1.8	U	1.8	1.8	U	2.1	2.1	U	1.8	1.8	U
Gamma-BHC	ug/Kg	0.37	0.37	U	0.36	0.36	U	0.35	0.35	U	0.41	0.41	U	0.36	0.36	U
Heptachlor	ug/Kg	0.37	0.37	U	0.36	0.36	U	0.35	0.35	U	0.41	0.41	U	0.36	0.36	U

Table 2: Location 10 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	10-A	MDL	Remark	10-A Deep	MDL	Remark	10-B	MDL	Remark	10-C	MDL	Remark	10-D	MDL	Remark
Heptachlor Epoxide	ug/kg	0.37	0.37	U	0.36	0.36	U	0.35	0.35	U	0.41	0.41	U	0.36	0.36	U
Hexazinone	ug/kg	3.7	3.7	U	3.6	3.6	U	3.5	3.5	U	4.1	4.1	U	3.6	3.6	U
Malathion	ug/kg	3.7	3.7	U	3.6	3.6	U	3.5	3.5	U	4.1	4.1	U	3.6	3.6	U
Methamidophos	ug/kg	18	18	U	18	18	U	18	18	U	21	21	U	18	18	U
Methoxychlor	ug/kg	1.8	1.8	U	1.8	1.8	U	1.8	1.8	U	2.1	2.1	U	1.8	1.8	U
Metolachlor	ug/kg	11	11	U	11	11	U	11	11	U	12	12	U	11	11	U
Metribuzin	ug/kg	3.7	3.7	U	3.6	3.6	U	3.5	3.5	U	4.1	4.1	U	3.6	3.6	U
Mevinphos	ug/kg	7.4	7.4	U	7.1	7.1	U	7.1	7.1	U	8.3	8.3	U	7.2	7.2	U
Monocrotophos	ug/kg	18	18	U	18	18	U	18	18	U	21	21	U	18	18	U
Naled	ug/kg	15	15	U	14	14	U	14	14	U	17	17	U	14	14	U
Norflurazon	ug/kg	3.7	3.7	U	3.6	3.6	U	3.5	3.5	U	4.1	4.1	U	3.6	3.6	U
Parathion Ethyl	ug/kg	3.7	3.7	U	3.6	3.6	U	3.5	3.5	U	4.1	4.1	U	3.6	3.6	U
Parathion Methyl	ug/kg	3.7	3.7	U	3.6	3.6	U	3.5	3.5	U	4.1	4.1	U	3.6	3.6	U
PCB-1016	ug/Kg	11	11	U	11	11	U	11	11	U	12	12	U	11	11	U
PCB-1221	ug/Kg	7.4	7.4	U	7.1	7.1	U	7.1	7.1	U	8.3	8.3	U	7.2	7.2	U
PCB-1232	ug/Kg	17	17	U	16	16	U	16	16	U	19	19	U	16	16	U
PCB-1242	ug/Kg	11	11	U	11	11	U	11	11	U	12	12	U	11	11	U
PCB-1248	ug/Kg	7.4	7.4	U	7.1	7.1	U	7.1	7.1	U	8.3	8.3	U	7.2	7.2	U
PCB-1254	ug/Kg	7.4	7.4	U	7.1	7.1	U	7.1	7.1	U	8.3	8.3	U	7.2	7.2	U
PCB-1260	ug/Kg	11	11	U	11	11	U	11	11	U	12	12	U	11	11	U
Phorate	ug/kg	1.8	1.8	U	1.8	1.8	U	1.8	1.8	U	2.1	2.1	U	1.8	1.8	U
Prometryn	ug/kg	3.7	3.7	U	3.6	3.6	U	3.5	3.5	U	4.1	4.1	U	3.6	3.6	U
Simazine	ug/kg	1.8	1.8	U	1.8	1.8	U	1.8	1.8	U	2.1	2.1	U	1.8	1.8	U
Toxaphene	ug/Kg	28	28	U	27	27	U	27	27	U	31	31	U	27	27	U
Diquat	mg/Kg													0.043	0.043	U
Paraquat	mg/Kg													0.054	0.054	UJ
Metals	Units	10-A	MDL	Remark	10-A Deep	MDL	Remark	10-B	MDL	Remark	10-C	MDL	Remark	10-D	MDL	Remark
Mercury	mg/Kg	0.019	0.004		0.01	0.0041	I	0.0071	0.0042	I	0.008	0.0048	I	0.012	0.0036	I
Antimony	mg/Kg	0.14	0.14	U	0.13	0.13	U	0.13	0.13	U	0.15	0.15	U	0.13	0.13	U

Table 2: Location 10 Soil Sample Chemical Results

Metals	Units	10-A	MDL	Remark	10-A Deep	MDL	Remark	10-B	MDL	Remark	10-C	MDL	Remark	10-D	MDL	Remark
Arsenic	mg/Kg	0.68	0.055		0.81	0.053		0.28	0.053		1.16	0.061		1.06	0.053	
Barium	mg/Kg	5.12	0.055		4.15	0.053		5.1	0.053		3.8	0.061		6.49	0.053	
Beryllium	mg/Kg	0.087	0.022	I	0.088	0.021		0.051	0.021	I	0.066	0.024	I	0.179	0.021	
Cadmium	mg/Kg	0.036	0.027	I	0.027	0.027	U	0.035	0.026	I	0.03	0.03	U	0.027	0.027	U
Chromium	mg/Kg	3.47	0.14		2.68	0.13		2.63	0.13		2.22	0.15		6.32	0.13	
Cobalt	mg/Kg	0.282	0.011		0.282	0.011		0.159	0.011		0.274	0.012		0.582	0.011	
Copper	mg/Kg	2.45	0.14		0.56	0.13		30.8	0.13		1.26	0.15		0.44	0.13	I
Lead	mg/Kg	1.71	0.21		1.5	0.2		2.64	0.2		2.05	0.23		2.56	0.2	
Nickel	mg/Kg	1.03	0.14		0.98	0.13		0.66	0.13		0.75	0.15		1.9	0.13	
Selenium	mg/Kg	0.19	0.082	I	0.17	0.08	I	0.11	0.079	I	0.14	0.091	I	0.17	0.08	I
Silver	mg/Kg	0.126	0.0069		0.018	0.0067	I	0.0083	0.0066	I	0.0076	0.0076	UJ	0.0067	0.0067	U
Thallium	mg/Kg	0.027	0.027	U	0.027	0.027	U	0.026	0.026	U	0.03	0.03	U	0.027	0.027	U
Zinc	mg/Kg	7.6	1.1		1.2	1.1	I	7.7	1.1		10.9	1.2		1.3	1.1	I
Dioxins/Furans	Units	10-A	MDL	Remark	10-A Deep	MDL	Remark	10-B	MDL	Remark	10-C	MDL	Remark	10-D	MDL	Remark
1,2,3,4,6,7,8-HpCDD	ng/Kg													0.718	2.54	IIV
1,2,3,4,6,7,8-HpCDF	ng/Kg													0.195	2.54	I
1,2,3,4,7,8,9-HpCDF	ng/Kg													0.0831	2.54	U
1,2,3,4,7,8-HxCDD	ng/Kg													0.0584	2.54	U
1,2,3,4,7,8-HxCDF	ng/Kg													0.0617	2.54	U
1,2,3,6,7,8-HxCDD	ng/Kg													0.0482	2.54	U
1,2,3,6,7,8-HxCDF	ng/Kg													0.0579	2.54	U
1,2,3,7,8,9-HxCDD	ng/Kg													0.0522	2.54	U
1,2,3,7,8,9-HxCDF	ng/Kg													0.0716	2.54	U
1,2,3,7,8-PeCDD	ng/Kg													0.116	2.54	U
1,2,3,7,8-PeCDF	ng/Kg													0.0666	2.54	U
2,3,4,6,7,8-HxCDF	ng/Kg													0.0653	2.54	U
2,3,4,7,8-PeCDF	ng/Kg													0.0653	2.54	U
2,3,7,8-TCDD	ng/Kg													0.0767	1.02	U
2,3,7,8-TCDF	ng/Kg													0.0712	1.02	U

Table 2: Location 10 Soil Sample Chemical Results

Dioxins/Furans	Units	10-A	MDL	Remark	10-A Deep	MDL	Remark	10-B	MDL	Remark	10-C	MDL	Remark	10-D	MDL	Remark
OCDD	ng/Kg													3.77	5.09	IV
OCDF	ng/Kg													0.107	5.09	U
Total Hepta-Dioxins	ng/Kg													1.07	2.54	I
Total Hepta-Furans	ng/Kg													0.195	2.54	I
Total Hexa-Dioxins	ng/Kg													0.862	2.54	I
Total Hexa-Furans	ng/Kg													0.125	2.54	I
Total Penta-Dioxins	ng/Kg													0.116	2.54	U
Total Penta-Furans	ng/Kg													0.445	2.54	I
Total Tetra-Dioxins	ng/Kg													0.668	1.02	I
Total Tetra-Furans	ng/Kg													1.65	1.02	
Calculated Total Toxicity Equivalents (TEQ)	Units	10-A			10-A Deep			10-B			10-C			10-D		
Dioxins as total 2,3,7,8-TCDD	ng/Kg													0.149		
Total Benzo(a)pyrene	mg/Kg							0.3								

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

Table 3: Location 10 Soil Sample Radionuclide Results

Radionuclides	Units	10-A	Remark	10-A Deep	Remark	10-B	Remark	10-C	Remark	10-D	Remark
Actinium-228	pCi/g	0.224	UJ	0.23		0.182		0.132	U	0.24	
Actinium-228 Uncertainty	pCi/g	0.142		0.108		0.0906		0.146		0.0764	
Alpha Uncertainty	pCi/g	1.93		2.67		1.93		1.44		3.13	
Alpha, Total	pCi/g	2.64		3.88	U	3.13		2.32	U	6.64	
Americium-241	pCi/g	0.18	U	0.263	U	0.117	U	0.0578	U	0.0748	U
Americium-241 Uncertainty	pCi/g	0.112		0.146		0.062		0.0302		0.0398	
Antimony-124	pCi/g	0.208	U	0.195	U	0.171	U	0.226	U	0.0756	U
Antimony-124 Uncertainty	pCi/g	0.125		0.109		0.101		0.126		0.0512	
Antimony-125	pCi/g	0.0903	U	0.105	U	0.0814	U	0.0895	U	0.0518	U
Antimony-125 Uncertainty	pCi/g	0.0526		0.0613		0.043		0.0582		0.0282	
Barium-133	pCi/g	0.0471	U	0.0501	U	0.0357	U	0.0467	U	0.0212	U
Barium-133 Uncertainty	pCi/g	0.0313		0.0314		0.0228		0.0308		0.0142	
Barium-140	pCi/g	6.68	U	6.64	U	5.99	U	7.57	U	2.93	U
Barium-140 Uncertainty	pCi/g	3.88		3.9		3.35		5.64		1.67	
Beryllium-7	pCi/g	0.793	U	0.735	U	0.605	U	0.89	U	0.386	U
Beryllium-7 Uncertainty	pCi/g	0.41		0.413		0.326		0.519		0.214	
Beta Uncertainty	pCi/g	2.5		2.53		2.47		2.63		2.44	
Beta, Total	pCi/g	4.21	U	4.02	U	4.07	U	4.3	U	4.79	
Bismuth-212	pCi/g	0.54	U	0.557	U	0.412	U	0.595	U	0.326	UJ
Bismuth-212 Uncertainty	pCi/g	0.297		0.322		0.236		0.311		0.296	
Bismuth-214	pCi/g	0.203		0.247		0.415		0.336		0.387	
Bismuth-214 Uncertainty	pCi/g	0.0896		0.0918		0.0827		0.0994		0.0646	
Cerium-139	pCi/g	0.0452	U	0.0452	U	0.0324	U	0.0336	U	0.0211	U
Cerium-139 Uncertainty	pCi/g	0.0246		0.025		0.0186		0.0222		0.0116	
Cerium-141	pCi/g	0.254	U	0.258	U	0.194	U	0.199	U	0.111	U
Cerium-141 Uncertainty	pCi/g	0.147		0.155		0.112		0.128		0.061	
Cerium-144	pCi/g	0.248	U	0.266	U	0.184	U	0.22	U	0.115	U
Cerium-144 Uncertainty	pCi/g	0.147		0.148		0.103		0.124		0.065	

Table 3: Location 10 Soil Sample Radionuclide Results

Radionuclides	Units	10-A	Remark	10-A Deep	Remark	10-B	Remark	10-C	Remark	10-D	Remark
Cesium-134	pCi/g	0.0476	U	0.0475	U	0.0382	U	0.058	U	0.0258	U
Cesium-134 Uncertainty	pCi/g	0.0261		0.0253		0.0191		0.0283		0.0159	
Cesium-136	pCi/g	2.11	U	2.47	U	1.85	U	2.13	U	1.03	U
Cesium-136 Uncertainty	pCi/g	1.28		1.41		1.03		1.4		0.564	
Cesium-137	pCi/g	0.105		0.0441	U	0.0413		0.123		0.0312	
Cesium-137 Uncertainty	pCi/g	0.0463		0.0237		0.0234		0.0574		0.0181	
Chromium-51	pCi/g	1.9	U	1.94	U	1.51	U	1.7	U	0.789	U
Chromium-51 Uncertainty	pCi/g	1.05		1.08		0.896		0.908		0.469	
Cobalt-56	pCi/g	0.0813	U	0.0749	U	0.0518	U	0.0662	U	0.0353	U
Cobalt-56 Uncertainty	pCi/g	0.0431		0.0414		0.0299		0.0356		0.0203	
Cobalt-57	pCi/g	0.0328	U	0.032	U	0.0236	U	0.0268	U	0.0159	U
Cobalt-57 Uncertainty	pCi/g	0.0188		0.0184		0.0126		0.0144		0.00842	
Cobalt-58	pCi/g	0.0536	U	0.0674	U	0.0605	U	0.0609	U	0.035	U
Cobalt-58 Uncertainty	pCi/g	0.0398		0.0403		0.0327		0.0382		0.0223	
Cobalt-60	pCi/g	0.0386	U	0.0297	U	0.0228	U	0.0477	U	0.0214	U
Cobalt-60 Uncertainty	pCi/g	0.0208		0.0182		0.0174		0.031		0.0145	
Europium-152	pCi/g	0.0996	U	0.109	U	0.0898	U	0.114	U	0.0546	U
Europium-152 Uncertainty	pCi/g	0.0623		0.0779		0.046		0.0653		0.0324	
Europium-154	pCi/g	0.107	U	0.0991	U	0.0806	U	0.146	U	0.0516	U
Europium-154 Uncertainty	pCi/g	0.063		0.0682		0.0544		0.0782		0.0314	
Europium-155	pCi/g	0.111	U	0.111	U	0.0837	U	0.0907	U	0.0543	U
Europium-155 Uncertainty	pCi/g	0.0606		0.0635		0.0422		0.0553		0.0337	
Iridium-192	pCi/g	0.0653	U	0.0731	U	0.0449	U	0.0593	U	0.0308	U
Iridium-192 Uncertainty	pCi/g	0.0381		0.0395		0.0294		0.0353		0.0178	
Iron-59	pCi/g	0.178	U	0.226	U	0.152	U	0.342	U	0.0979	U
Iron-59 Uncertainty	pCi/g	0.112		0.119		0.09		0.168		0.0555	
Lead-210	pCi/g	6.29	U	11	U	2.81	U	0.483	U	1.63	U
Lead-210 Uncertainty	pCi/g	3.46		6.21		1.63		0.537		1	

Table 3: Location 10 Soil Sample Radionuclide Results

Radionuclides	Units	10-A	Remark	10-A Deep	Remark	10-B	Remark	10-C	Remark	10-D	Remark
Lead-212	pCi/g	0.162		0.107	UJ	0.0843		0.131		0.234	
Lead-212 Uncertainty	pCi/g	0.0553		0.0558		0.0496		0.0563		0.0364	
Lead-214	pCi/g	0.203		0.266		0.42		0.316		0.446	
Lead-214 Uncertainty	pCi/g	0.0854		0.105		0.0863		0.0971		0.07	
Manganese-54	pCi/g	0.0399	U	0.0485	U	0.0334	U	0.0585	U	0.0217	U
Manganese-54 Uncertainty	pCi/g	0.0242		0.0256		0.0191		0.0326		0.0133	
Mercury-203	pCi/g	0.106	U	0.102	U	0.0758	U	0.107	U	0.0463	U
Mercury-203 Uncertainty	pCi/g	0.0586		0.0568		0.0419		0.0586		0.0263	
Neodymium-147	pCi/g	21.3	U	26.6	U	23	U	31	U	10.8	U
Neodymium-147 Uncertainty	pCi/g	12.5		14.9		13.2		17.2		5.99	
Neptunium-239	pCi/g	0.407	U	0.43	U	0.321	U	0.333	U	0.213	U
Neptunium-239 Uncertainty	pCi/g	0.243		0.247		0.169		0.184		0.113	
Niobium-94	pCi/g	0.0319	U	0.0313	U	0.032	U	0.0425	U	0.0184	U
Niobium-94 Uncertainty	pCi/g	0.0207		0.0196		0.0177		0.0235		0.0105	
Niobium-95	pCi/g	0.0579	U	0.0889	U	0.0629	U	0.1	U	0.0457	U
Niobium-95 Uncertainty	pCi/g	0.0396		0.0485		0.041		0.059		0.0251	
Potassium-40	pCi/g	0.612	U	0.5	U	0.622		0.631	U	0.339	U
Potassium-40 Uncertainty	pCi/g	0.326		0.269		0.345		0.321		0.195	
Promethium-144	pCi/g	0.0429	U	0.0401	U	0.0312	U	0.0497	U	0.0223	U
Promethium-144 Uncertainty	pCi/g	0.023		0.0217		0.0189		0.031		0.0124	
Promethium-146	pCi/g	0.0475	U	0.0504	U	0.0353	U	0.0449	U	0.0232	U
Promethium-146 Uncertainty	pCi/g	0.026		0.0285		0.02		0.0245		0.013	
Radium-228	pCi/g	0.224	UJ	0.23		0.182		0.132	U	0.24	
Radium-228 Uncertainty	pCi/g	0.142		0.108		0.0906		0.146		0.0764	
Ruthenium-106	pCi/g	0.348	U	0.36	U	0.3	U	0.435	U	0.185	U
Ruthenium-106 Uncertainty	pCi/g	0.205		0.199		0.171		0.26		0.104	
Silver-110m	pCi/g	0.0455	U	0.0583	U	0.0426	U	0.0702	U	0.0312	U
Silver-110m Uncertainty	pCi/g	0.0313		0.0297		0.0273		0.0364		0.0178	

Table 3: Location 10 Soil Sample Radionuclide Results

Radionuclides	Units	10-A	Remark	10-A Deep	Remark	10-B	Remark	10-C	Remark	10-D	Remark
Sodium-22	pCi/g	0.0388	U	0.0363	U	0.0292	U	0.0531	U	0.0187	U
Sodium-22 Uncertainty	pCi/g	0.0229		0.023		0.0194		0.0292		0.0116	
Thallium-208	pCi/g	0.0618		0.0507		0.0402		0.0407	U	0.0851	
Thallium-208 Uncertainty	pCi/g	0.0344		0.0405		0.0288		0.0323		0.0237	
Thorium-234	pCi/g	1.75	U	2.14	U	1.17	U	0.719	U	0.724	U
Thorium-234 Uncertainty	pCi/g	1.27		1.17		0.621		0.37		0.414	
Tin-113	pCi/g	0.0713	U	0.0631	U	0.0484	U	0.0681	U	0.0348	U
Tin-113 Uncertainty	pCi/g	0.0408		0.0389		0.0279		0.0393		0.0186	
Uranium-235	pCi/g	0.235	U	0.238	U	0.173	U	0.17	U	0.109	U
Uranium-235 Uncertainty	pCi/g	0.135		0.139		0.0951		0.115		0.0699	
Uranium-238	pCi/g	1.75	U	2.14	U	1.17	U	0.719	U	0.724	U
Uranium-238 Uncertainty	pCi/g	1.27		1.17		0.621		0.37		0.414	
Yttrium-88	pCi/g	0.0641	U	0.0508	U	0.035	U	0.0432	U	0.0264	U
Yttrium-88 Uncertainty	pCi/g	0.0365		0.0341		0.0232		0.0397		0.0166	
Zinc-65	pCi/g	0.0823	U	0.0815	U	0.0762	U	0.113	U	0.0478	U
Zinc-65 Uncertainty	pCi/g	0.0609		0.0559		0.0547		0.0646		0.0314	
Zirconium-95	pCi/g	0.131	U	0.128	U	0.113	U	0.169	U	0.0744	U
Zirconium-95 Uncertainty	pCi/g	0.0815		0.0716		0.0612		0.0965		0.0436	

Location 11

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

Analyte	Residential SCTL	11-A	11-A Deep	11-B	11-C	11-D
Exceedances						
Arsenic	2.1 mg/Kg	1.40	0.84	0.32	7.32	0.18

SCTL=Soil Cleanup Target Level

ND=Non Detect

NA=Not Analyzed

Yellow Shading=Exceedance of SCTL

ng/Kg= nanograms per Kilogram

mg/Kg=milligrams per kilogram

Table 2: Location 11 Soil Sample Chemical Results

Volatile Organic Compounds	Units	11-A	MDL	Remark	11-A Deep	MDL	Remark	11-B	MDL	Remark	11-C	MDL	Remark	11-D	MDL	Remark
1,1,1-Trichloroethane	ug/kg	5.7	5.7	U	4.8	4.8	U	4.9	4.9	U	8.3	8.3	U	4.9	4.9	U
1,1,2,2-Tetrachloroethane	ug/kg	14	14	UJ	12	12	UJ	12	12	UJ	21	21	UJ	12	12	UJ
1,1,2-Trichloroethane	ug/kg	5.7	5.7	U	4.8	4.8	U	4.9	4.9	U	8.3	8.3	U	4.9	4.9	U
1,1-Dichloroethane	ug/kg	5.7	5.7	U	4.8	4.8	U	4.9	4.9	U	8.3	8.3	U	4.9	4.9	U
1,1-Dichloroethene	ug/kg	14	14	U	12	12	U	12	12	U	21	21	U	12	12	U
1,2-Dichlorobenzene	ug/kg	14	14	U	12	12	U	12	12	U	21	21	U	12	12	U
1,2-Dichloroethane	ug/kg	5.7	5.7	U	4.8	4.8	U	4.9	4.9	U	8.3	8.3	U	4.9	4.9	U
1,2-Dichloropropane	ug/kg	14	14	U	12	12	U	12	12	U	21	21	U	12	12	U
1,3-Dichlorobenzene	ug/kg	14	14	U	12	12	U	12	12	U	21	21	U	12	12	U
1,4-Dichlorobenzene	ug/kg	14	14	U	12	12	U	12	12	U	21	21	U	12	12	U
2-Butanone	ug/kg	140	140	U	120	120	U	120	120	U	210	210	U	120	120	U
2-Chloroethylvinyl ether	ug/kg	14	14	U	12	12	U	12	12	U	21	21	U	12	12	U
Benzene	ug/kg	5.7	5.7	U	4.8	4.8	U	4.9	4.9	U	8.3	8.3	U	4.9	4.9	U
Bromodichloromethane	ug/kg	5.7	5.7	U	4.8	4.8	U	4.9	4.9	U	8.3	8.3	U	4.9	4.9	U
Bromoform	ug/kg	14	14	UJ	12	12	UJ	12	12	UJ	21	21	U	12	12	UJ
Bromomethane	ug/kg	14	14	U	12	12	U	12	12	U	21	21	U	12	12	U
Carbon tetrachloride	ug/kg	5.7	5.7	U	4.8	4.8	U	4.9	4.9	U	8.3	8.3	U	4.9	4.9	U
Chlorobenzene	ug/kg	5.7	5.7	U	4.8	4.8	U	4.9	4.9	U	8.3	8.3	U	4.9	4.9	U
Chloroethane	ug/kg	14	14	U	12	12	U	12	12	U	21	21	U	12	12	U
Chloroform	ug/kg	5.7	5.7	U	4.8	4.8	U	4.9	4.9	U	8.3	8.3	U	4.9	4.9	U
Chloromethane	ug/kg	14	14	U	12	12	U	12	12	U	21	21	U	12	12	U
cis-1,2-Dichloroethene	ug/kg	14	14	U	12	12	U	12	12	U	21	21	U	12	12	U
cis-1,3-Dichloropropene	ug/kg	14	14	UJ	12	12	UJ	12	12	UJ	21	21	UJ	12	12	UJ
Dibromochloromethane	ug/kg	5.7	5.7	UJ	4.8	4.8	UJ	4.9	4.9	UJ	8.3	8.3	U	4.9	4.9	UJ
Ethylbenzene	ug/kg	14	14	U	12	12	U	12	12	U	21	21	U	12	12	U
m,p-Xylene	ug/kg	14	14	U	12	12	U	12	12	U	21	21	U	12	12	U
Methylene chloride	ug/kg	14	14	U	12	12	U	12	12	U	21	21	U	12	12	U
Methyl-t-butyl ether	ug/kg	14	14	U	12	12	U	12	12	U	21	21	U	12	12	U
o-Xylene	ug/kg	5.7	5.7	U	4.8	4.8	U	4.9	4.9	U	8.3	8.3	U	4.9	4.9	U

Table 2: Location 11 Soil Sample Chemical Results

Volatile Organic Compounds	Units	11-A	MDL	Remark	11-A Deep	MDL	Remark	11-B	MDL	Remark	11-C	MDL	Remark	11-D	MDL	Remark
Tetrachloroethene	ug/kg	14	14	U	12	12	U	12	12	U	21	21	U	12	12	U
Toluene	ug/kg	14	14	U	12	12	U	12	12	U	21	21	U	12	12	U
trans-1,2-Dichloroethene	ug/kg	14	14	U	12	12	U	12	12	U	21	21	U	12	12	U
trans-1,3-Dichloropropene	ug/kg	5.7	5.7	UJ	4.8	4.8	UJ	4.9	4.9	UJ	8.3	8.3	U	4.9	4.9	UJ
Trichloroethene	ug/kg	5.7	5.7	UJ	4.8	4.8	UJ	4.9	4.9	UJ	8.3	8.3	UJ	4.9	4.9	UJ
Trichlorofluoromethane	ug/kg	14	14	U	12	12	U	12	12	U	21	21	U	12	12	U
Vinyl chloride	ug/kg	14	14	U	12	12	U	12	12	U	21	21	U	12	12	U
Semi-Volatile Organic Compounds	Units	11-A	MDL	Remark	11-A Deep	MDL	Remark	11-B	MDL	Remark	11-C	MDL	Remark	11-D	MDL	Remark
1,2,4-Trichlorobenzene	ug/kg	230	230	U	200	200	U	210	210	U	240	240	U	200	200	U
1-Methylnaphthalene	ug/kg	8.5	8.5	U	7.4	7.4	U	6.7	6.7	UJQ	9	9	U	7.6	7.6	U
1-Methylphenanthrene	ug/kg	6.7	6.7	UJQ	7.4	7.4	U	7.9	7.9	UJ	9	9	U	7.6	7.6	U
2,3,5-Trimethylnaphthalene	ug/kg	8.5	8.5	U	7.4	7.4	U	6.7	6.7	UJQ	9	9	U	7.6	7.6	U
2,4,6-Trichlorophenol	ug/kg	76	76	U	67	67	U	71	71	U	81	81	U	68	68	U
2,4-Dichlorophenol	ug/kg	76	76	U	67	67	U	71	71	U	81	81	U	68	68	U
2,4-Dimethylphenol	ug/kg	460	460	UJ	400	400	UJ	430	430	UJ	490	490	U	410	410	UJ
2,4-Dinitrophenol	ug/kg	460	460	U	400	400	U	430	430	U	490	490	U	410	410	U
2,4-Dinitrotoluene	ug/kg	76	76	U	67	67	U	71	71	U	81	81	U	68	68	U
2,6-Dimethylnaphthalene	ug/kg	34	34	U	30	30	U	6.7	6.7	UJQ	9	9	U	30	30	U
2,6-Dinitrotoluene	ug/kg	76	76	U	67	67	U	71	71	U	81	81	U	68	68	U
2-Chloronaphthalene	ug/kg	76	76	U	67	67	U	71	71	U	81	81	U	68	68	U
2-Chlorophenol	ug/kg	230	230	U	200	200	U	210	210	U	240	240	U	200	200	U
2-Methyl-4,6-dinitrophenol	ug/kg	76	76	UJ	67	67	UJ	71	71	UJ	81	81	UJ	68	68	UJ
2-Methylnaphthalene	ug/Kg	29	29	U	25	25	U	6.7	6.7	UJQ	9	9	U	26	26	U
2-Nitrophenol	ug/kg	76	76	U	67	67	U	71	71	U	81	81	U	68	68	U
3,3'-Dichlorobenzidine	ug/kg	4500	4500	U	4000	4000	U	4300	4300	UJ	4900	4900	U	4000	4000	U
4-Bromophenyl phenyl ether	ug/kg	76	76	U	67	67	U	71	71	UJ	81	81	U	68	68	U
4-Chloro-3-methylphenol	ug/kg	76	76	U	67	67	U	71	71	U	81	81	U	68	68	U
4-Chlorophenyl phenyl ether	ug/kg	76	76	U	67	67	U	71	71	U	81	81	U	68	68	U
4-Nitrophenol	ug/kg	76	76	U	67	67	U	71	71	U	81	81	U	68	68	U

Table 2: Location 11 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	11-A	MDL	Remark	11-A Deep	MDL	Remark	11-B	MDL	Remark	11-C	MDL	Remark	11-D	MDL	Remark
Acenaphthene	ug/kg	6.7	6.7	UJQ	7.4	7.4	U	7.9	7.9	U	9	9	U	7.6	7.6	U
Acenaphthylene	ug/kg	8.5	8.5	U	7.4	7.4	U	7.9	7.9	U	23	9	I	7.6	7.6	U
Anthracene	ug/kg	28	8.5	I	7.4	7.4	U	7.9	7.9	UJ	43	9		7.6	7.6	U
Azobenzene/1,2-Diphenylhydrazine	ug/kg	76	76	U	67	67	U	71	71	UJ	81	81	U	68	68	U
Benzidine	ug/kg	1700	1700	UJ	1300	1300	UJ	1500	1500	UJ	1800	1800	U	1500	1500	UJ
Benzo(a)anthracene	ug/kg	100	8.5		11	7.4	I	7.9	7.9	UJ	79	9		7.6	7.6	U
Benzo(a)pyrene	ug/kg	88	8.5		12	7.4	I	7.9	7.9	UJ	85	9		7.6	7.6	U
Benzo(b)fluoranthene	ug/kg	140	8.5		7.4	7.4	U	7.9	7.9	UJ	200	9		7.6	7.6	U
Benzo(g,h,i)perylene	ug/kg	47	8.5		7.4	7.4	U	7.9	7.9	UJ	32	9	I	7.6	7.6	U
Benzo(k)fluoranthene	ug/kg	45	8.5		7.4	7.4	U	7.9	7.9	UJ	58	9		7.6	7.6	U
Biphenyl	ug/kg	8.5	8.5	U	7.4	7.4	U	6.7	6.7	UJQ	9	9	U	7.6	7.6	U
Bis(2-chloroethoxy)methane	ug/kg	76	76	U	67	67	U	71	71	U	81	81	U	68	68	U
Bis(2-chloroethyl)ether	ug/kg	76	76	U	67	67	U	71	71	U	81	81	U	68	68	U
Bis(2-chloroisopropyl)ether	ug/kg	76	76	UJ	67	67	UJ	71	71	UJ	81	81	U	68	68	UJ
Bis(2-ethylhexyl)phthalate	ug/kg	1.90E+04	1.90E+04	UJ	1.70E+04	1.70E+04	UJ	430	430	UQ	490	490	UJ	1.70E+04	1.70E+04	UJ
Butyl benzyl phthalate	ug/kg	76	76	UJ	67	67	UJ	71	71	UQ	81	81	U	68	68	UJ
Chrysene	ug/kg	92	8.5		9.6	7.4	I	7.9	7.9	UJ	91	9		7.6	7.6	U
Dibenzo(a,h)anthracene	ug/kg	15	8.5	I	7.4	7.4	U	7.9	7.9	UJ	9	9	U	7.6	7.6	U
Dibenzothiophene	ug/kg	8.5	8.5	U	7.4	7.4	U	7.9	7.9	UJ	9	9	U	7.6	7.6	U
Diethyl phthalate	ug/kg	76	76	UJ	67	67	UJ	71	71	UJ	81	81	U	68	68	UJ
Dimethyl phthalate	ug/kg	76	76	U	67	67	U	71	71	U	81	81	U	68	68	U
Di-n-butyl phthalate	ug/kg	460	460	U	400	400	U	430	430	UQ	490	490	UJ	410	410	U
Di-n-octyl phthalate	ug/kg	76	76	UJ	67	67	UJ	71	71	UJ	81	81	UJ	68	68	UJ
Fluoranthene	ug/kg	230	8.5		17	7.4	I	6.7	6.7	UJQ	68	9		7.6	7.6	U
Fluorene	ug/kg	6.7	6.7	UJQ	7.4	7.4	U	7.9	7.9	U	9	9	U	7.6	7.6	U
Hexachlorobenzene	ug/kg	76	76	U	67	67	U	71	71	UJ	81	81	U	68	68	U
Hexachlorobutadiene	ug/kg	230	230	U	200	200	U	210	210	U	240	240	U	200	200	U
Hexachlorocyclopentadiene	ug/kg	76	76	U	67	67	U	71	71	U	81	81	U	68	68	U
Hexachloroethane	ug/kg	230	230	U	200	200	U	210	210	U	240	240	U	200	200	U

Table 2: Location 11 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	11-A	MDL	Remark	11-A Deep	MDL	Remark	11-B	MDL	Remark	11-C	MDL	Remark	11-D	MDL	Remark
Indeno(1,2,3-cd)pyrene	ug/kg	43	8.5		7.4	7.4	U	7.9	7.9	UJ	30	9	I	7.6	7.6	U
Isophorone	ug/kg	76	76	U	67	67	U	71	71	U	81	81	U	68	68	U
Naphthalene	ug/kg	8.5	8.5	U	7.4	7.4	U	6.7	6.7	UQJ	9	9	U	7.6	7.6	U
Nitrobenzene	ug/kg	76	76	U	67	67	U	71	71	U	81	81	U	68	68	U
N-Nitrosodimethylamine	ug/kg	460	460	U	400	400	U	430	430	U	490	490	U	410	410	U
N-Nitrosodi-n-propylamine	ug/kg	76	76	UJ	67	67	UJ	71	71	UJ	81	81	U	68	68	UJ
N-Nitrosodiphenylamine/ Diphenylamine	ug/kg	76	76	U	67	67	U	71	71	UJ	81	81	U	68	68	U
Pentachlorophenol	ug/kg	76	76	U	67	67	U	71	71	U	81	81	U	68	68	U
Phenanthrene	ug/kg	110	8.5		7.4	7.4	U	6.7	6.7	UJQ	14	9	I	7.6	7.6	U
Phenol	ug/kg	76	76	U	67	67	U	71	71	U	81	81	U	68	68	U
Pyrene	ug/kg	180	8.5		16	7.4	I	7.9	7.9	UJ	86	9		7.6	7.6	U
TRPH	mg/kg	23	13	I	12	12	U	14	12	I	35	14	I	93	12	
Pesticides/Herbicides/PCBs	Units	11-A	MDL	Remark	11-A Deep	MDL	Remark	11-B	MDL	Remark	11-C	MDL	Remark	11-D	MDL	Remark
2,4,5-T	ug/kg										8.8	8.8	U			
2,4-D	ug/kg										8.8	8.8	U			
3-Hydroxycarbofuran	ug/kg										0.68	0.68	UJ			
Acifluorfen	ug/kg										8.8	8.8	U			
Aldicarb	ug/kg										0.68	0.68	UJ			
Aldicarb Sulfone	ug/kg										0.68	0.68	UJ			
Aldicarb Sulfoxide	ug/kg										0.68	0.68	UJ			
Carbaryl	ug/kg										0.68	0.68	UJ			
Carbofuran	ug/kg										0.68	0.68	UJ			
Diuron	ug/kg										8.1	8.1	U			
Imidacloprid	ug/kg										8.1	8.1	U			
Linuron	ug/kg										8.1	8.1	U			
Methiocarb	ug/kg										0.68	0.68	UJ			
Methomyl	ug/kg										0.68	0.68	UJ			
Oxamyl	ug/kg										0.68	0.68	UJ			
Propoxur	ug/kg										0.68	0.68	UJ			

Table 2: Location 11 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	11-A	MDL	Remark	11-A Deep	MDL	Remark	11-B	MDL	Remark	11-C	MDL	Remark	11-D	MDL	Remark
Silvex	ug/kg										8.8	8.8	U			
Alachlor	ug/kg	13	13	U	11	11	U	12	12	U	14	14	U	11	11	U
Aldrin	ug/Kg	0.42	0.42	U	0.37	0.37	U	0.39	0.39	U	0.45	0.45	U	0.38	0.38	U
Alpha-BHC	ug/Kg	0.42	0.42	U	0.37	0.37	U	0.39	0.39	U	0.45	0.45	U	0.38	0.38	U
Ametryn	ug/kg	2.1	2.1	U	1.9	1.9	U	2	2	U	2.3	2.3	U	1.9	1.9	U
Atrazine	ug/kg	2.1	2.1	U	1.9	1.9	U	2	2	U	2.3	2.3	U	1.9	1.9	U
Azinphos Methyl	ug/kg	6.4	6.4	U	5.6	5.6	U	5.9	5.9	U	6.8	6.8	U	5.7	5.7	U
Beta-BHC	ug/Kg	0.42	0.42	U	0.37	0.37	U	0.39	0.39	U	0.45	0.45	U	0.38	0.38	U
Bromacil	ug/kg	8.5	8.5	U	7.4	7.4	U	7.9	7.9	U	9	9	U	7.6	7.6	U
Chlordane	ug/Kg	460	19		570	22		21	5.9	U	6.8	6.8	U	5.7	5.7	U
Chlorpyrifos Ethyl	ug/kg	2.1	2.1	U	1.9	1.9	U	2	2	U	2.3	2.3	U	1.9	1.9	U
Chlorpyrifos Methyl	ug/kg	4.2	4.2	U	3.7	3.7	U	3.9	3.9	U	4.5	4.5	U	3.8	3.8	U
DDD-p,p'	ug/Kg	0.85	0.85	U	0.74	0.74	U	0.79	0.79	U	0.9	0.9	U	0.76	0.76	U
DDE-p,p'	ug/Kg	1.6	1.6	U	0.74	0.74	U	0.79	0.79	U	0.9	0.9	U	0.76	0.76	U
DDT-p,p'	ug/Kg	1.3	1.3	U	1.1	1.1	U	1.2	1.2	U	1.4	1.4	U	1.1	1.1	U
Delta-BHC	ug/Kg	0.85	0.85	U	0.74	0.74	U	0.79	0.79	U	0.9	0.9	U	0.76	0.76	U
Diazinon	ug/kg	2.1	2.1	U	1.9	1.9	U	2	2	U	2.3	2.3	U	1.9	1.9	U
Dieldrin	ug/Kg	0.42	0.42	U	0.37	0.37	U	0.39	0.39	U	0.45	0.45	U	0.38	0.38	U
Endosulfan I	ug/Kg	0.42	0.42	U	0.37	0.37	U	0.39	0.39	U	0.45	0.45	U	0.38	0.38	U
Endosulfan II	ug/Kg	0.42	0.42	U	0.37	0.37	U	0.39	0.39	U	0.45	0.45	U	0.38	0.38	U
Endosulfan Sulfate	ug/Kg	0.85	0.85	U	0.74	0.74	U	0.79	0.79	U	0.9	0.9	U	0.76	0.76	U
Endrin	ug/Kg	2.1	2.1	U	1.9	1.9	U	2	2	U	2.3	2.3	U	1.9	1.9	U
Endrin Aldehyde	ug/Kg	0.85	0.85	U	0.74	0.74	U	0.79	0.79	U	0.9	0.9	U	0.76	0.76	U
Ethion	ug/kg	2.1	2.1	U	1.9	1.9	U	2	2	U	2.3	2.3	U	1.9	1.9	U
Ethoprop	ug/kg	2.1	2.1	U	1.9	1.9	U	2	2	U	2.3	2.3	U	1.9	1.9	U
Fenamiphos	ug/kg	4.2	4.2	U	3.7	3.7	U	3.9	3.9	U	9	9	U	3.8	3.8	U
Fonofos	ug/kg	2.1	2.1	U	1.9	1.9	U	2	2	U	2.3	2.3	U	1.9	1.9	U
Gamma-BHC	ug/Kg	0.42	0.42	U	0.37	0.37	U	0.39	0.39	U	0.45	0.45	U	0.38	0.38	U
Heptachlor	ug/Kg	0.42	0.42	U	0.37	0.37	U	0.39	0.39	U	0.45	0.45	U	0.38	0.38	U

Table 2: Location 11 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	11-A	MDL	Remark	11-A Deep	MDL	Remark	11-B	MDL	Remark	11-C	MDL	Remark	11-D	MDL	Remark
Heptachlor Epoxide	ug/kg	0.42	0.42	U	0.37	0.37	U	0.39	0.39	U	0.45	0.45	U	0.38	0.38	U
Hexazinone	ug/kg	4.2	4.2	U	3.7	3.7	U	3.9	3.9	U	4.5	4.5	U	3.8	3.8	U
Malathion	ug/kg	4.2	4.2	U	3.7	3.7	U	3.9	3.9	U	4.5	4.5	U	3.8	3.8	U
Methamidophos	ug/kg	21	21	U	19	19	U	20	20	U	23	23	UJ	19	19	U
Methoxychlor	ug/kg	2.1	2.1	U	1.9	1.9	U	2	2	U	2.3	2.3	U	1.9	1.9	U
Metolachlor	ug/kg	13	13	U	11	11	U	12	12	U	14	14	U	11	11	U
Metribuzin	ug/kg	4.2	4.2	U	3.7	3.7	U	3.9	3.9	U	4.5	4.5	U	3.8	3.8	U
Mevinphos	ug/kg	8.5	8.5	U	7.4	7.4	U	7.9	7.9	U	9	9	U	7.6	7.6	U
Monocrotophos	ug/kg	21	21	U	19	19	U	20	20	U	23	23	UJ	19	19	U
Naled	ug/kg	17	17	UJ	15	15	UJ	16	16	UJ	18	18	U	15	15	UJ
Norflurazon	ug/kg	4.2	4.2	U	3.7	3.7	U	3.9	3.9	U	4.5	4.5	U	3.8	3.8	U
Parathion Ethyl	ug/kg	4.2	4.2	U	3.7	3.7	U	3.9	3.9	U	4.5	4.5	U	3.8	3.8	U
Parathion Methyl	ug/kg	4.2	4.2	U	3.7	3.7	U	3.9	3.9	U	4.5	4.5	U	3.8	3.8	U
PCB-1016	ug/Kg	13	13	U	11	11	U	12	12	U	14	14	U	11	11	U
PCB-1221	ug/Kg	8.5	8.5	U	7.4	7.4	U	7.9	7.9	U	9	9	U	7.6	7.6	U
PCB-1232	ug/Kg	19	19	U	17	17	U	18	18	U	20	20	U	17	17	U
PCB-1242	ug/Kg	13	13	U	11	11	U	12	12	U	14	14	U	11	11	U
PCB-1248	ug/Kg	8.5	8.5	U	7.4	7.4	U	7.9	7.9	U	9	9	U	7.6	7.6	U
PCB-1254	ug/Kg	8.5	8.5	U	7.4	7.4	U	7.9	7.9	U	9	9	U	7.6	7.6	U
PCB-1260	ug/Kg	13	13	U	11	11	U	12	12	U	14	14	U	11	11	U
Phorate	ug/kg	2.1	2.1	U	1.9	1.9	U	2	2	U	2.3	2.3	U	1.9	1.9	U
Prometryn	ug/kg	4.2	4.2	U	3.7	3.7	U	3.9	3.9	U	4.5	4.5	U	3.8	3.8	U
Simazine	ug/kg	2.1	2.1	U	1.9	1.9	U	2	2	U	2.3	2.3	U	1.9	1.9	U
Toxaphene	ug/Kg	32	32	U	28	28	U	30	30	U	34	34	U	28	28	U
Diquat	mg/Kg										0.056	0.056	UJ			
Paraquat	mg/Kg										0.07	0.07	UJ			
Metals	Units	11-A	MDL	Remark	11-A Deep	MDL	Remark	11-B	MDL	Remark	11-C	MDL	Remark	11-D	MDL	Remark
Mercury	mg/Kg	0.031	0.0039		0.023	0.0038		0.014	0.0037	I	0.026	0.0052		0.014	0.0038	I
Antimony	mg/Kg	0.16	0.16	U	0.14	0.14	U	0.15	0.15	U	0.17	0.17	U	0.14	0.14	U

Table 2: Location 11 Soil Sample Chemical Results

Metals	Units	11-A	MDL	Remark	11-A Deep	MDL	Remark	11-B	MDL	Remark	11-C	MDL	Remark	11-D	MDL	Remark
Arsenic	mg/Kg	1.4	0.063		0.84	0.055		0.32	0.059		7.32	0.067		0.18	0.057	I
Barium	mg/Kg	19.1	0.063		8.52	0.055		6.82	0.059		4.8	0.067		2.12	0.057	
Beryllium	mg/Kg	0.19	0.025		0.088	0.022	I	0.026	0.023	I	0.033	0.027	I	0.023	0.023	U
Cadmium	mg/Kg	0.084	0.032	I	0.058	0.028	I	0.052	0.029	I	0.06	0.033	I	0.028	0.028	U
Chromium	mg/Kg	6.88	0.16		4.78	0.14		3.94	0.15		14.5	0.17		0.63	0.14	
Cobalt	mg/Kg	0.834	0.013		0.325	0.011		0.238	0.012		0.171	0.013		0.069	0.011	
Copper	mg/Kg	12.8	0.16		8.38	0.14		9.92	0.15		12.7	0.17		2.14	0.14	
Lead	mg/Kg	3.89	0.24		3.15	0.21		2.26	0.22		3.7	0.25		2.74	0.21	
Nickel	mg/Kg	2.68	0.16		1.32	0.14		0.81	0.15		0.72	0.17		0.49	0.14	I
Selenium	mg/Kg	0.77	0.095		0.42	0.083		0.18	0.088	I	0.16	0.1	I	0.09	0.085	I
Silver	mg/Kg	0.048	0.0079	J	0.038	0.0069	J	0.01	0.0073	IJ	0.027	0.0084	IJ	0.0098	0.0071	IJ
Thallium	mg/Kg	0.032	0.032	U	0.028	0.028	U	0.029	0.029	U	0.033	0.033	U	0.028	0.028	U
Zinc	mg/Kg	18	1.3		8.8	1.1		20.2	1.2		25	1.3		9.7	1.1	
Dioxins/Furans	Units	11-A	MDL	Remark	11-A Deep	MDL	Remark	11-B	MDL	Remark	11-C	MDL	Remark	11-D	MDL	Remark
1,2,3,4,6,7,8-HpCDD	ng/Kg										77.6	4.54	V			
1,2,3,4,6,7,8-HpCDF	ng/Kg										10.4	4.54				
1,2,3,4,7,8,9-HpCDF	ng/Kg										0.655	4.54	IJ			
1,2,3,4,7,8-HxCDD	ng/Kg										0.365	4.54	U			
1,2,3,4,7,8-HxCDF	ng/Kg										0.639	4.54	IJ			
1,2,3,6,7,8-HxCDD	ng/Kg										2.84	4.54	I			
1,2,3,6,7,8-HxCDF	ng/Kg										0.249	4.54	U			
1,2,3,7,8,9-HxCDD	ng/Kg										1.68	4.54	I			
1,2,3,7,8,9-HxCDF	ng/Kg										0.308	4.54	U			
1,2,3,7,8-PeCDD	ng/Kg										0.267	4.54	U			
1,2,3,7,8-PeCDF	ng/Kg										0.194	4.54	U			
2,3,4,6,7,8-HxCDF	ng/Kg										0.264	4.54	U			
2,3,4,7,8-PeCDF	ng/Kg										0.191	4.54	U			
2,3,7,8-TCDD	ng/Kg										0.339	1.81	U			
2,3,7,8-TCDF	ng/Kg										0.445	1.81	U			

Table 2: Location 11 Soil Sample Chemical Results

Dioxins/Furans	Units	11-A	MDL	Remark	11-A Deep	MDL	Remark	11-B	MDL	Remark	11-C	MDL	Remark	11-D	MDL	Remark
OCDD	ng/Kg										671	9.07	V			
OCDF	ng/Kg										48.2	9.07	V			
Total Hepta-Dioxins	ng/Kg										277	4.54				
Total Hepta-Furans	ng/Kg										38.4	4.54				
Total Hexa-Dioxins	ng/Kg										20.6	4.54				
Total Hexa-Furans	ng/Kg										13	4.54				
Total Penta-Dioxins	ng/Kg										0.267	4.54	U			
Total Penta-Furans	ng/Kg										4.24	4.54	I			
Total Tetra-Dioxins	ng/Kg										0.339	1.81	U			
Total Tetra-Furans	ng/Kg										0.445	1.81	U			
Calculated Total Toxicity Equivalents (TEQ)	Units	11-A			11-A Deep			11-B			11-C			11-D		
Dioxins as 2,3,7,8-TCDD	ng/Kg										1.91					
Total Benzo(a)pyrene	mg/Kg	0.1			0.02						0.1					

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

Table 3: Location 11 Soil Sample Radionuclide Results

Radionuclides	Units	11-A	Remark	11-A Deep	Remark	11-B	Remark	11-C	Remark	11-D	Remark
Actinium-228	pCi/g	0.393		0.248	U	0.154	U	0.224	U	0.18	U
Actinium-228 Uncertainty	pCi/g	0.116		0.15		0.08		0.115		0.116	
Alpha Uncertainty	pCi/g	1.73		2.31		2.47		2.31		1.77	
Alpha, Total	pCi/g	3.11	U	3.23		3.7		3.71	U	3.2	U
Americium-241	pCi/g	0.134	U	0.0506	U	0.08	U	0.163	U	0.113	U
Americium-241 Uncertainty	pCi/g	0.0778		0.0287		0.0455		0.0879		0.0637	
Antimony-124	pCi/g	0.168	U	0.157	U	0.121	U	0.156	U	0.163	U
Antimony-124 Uncertainty	pCi/g	0.0955		0.0987		0.0801		0.0911		0.0846	
Antimony-125	pCi/g	0.0962	U	0.088	U	0.0767	U	0.123	U	0.0998	U
Antimony-125 Uncertainty	pCi/g	0.0536		0.0521		0.0413		0.0684		0.0562	
Barium-133	pCi/g	0.0415	U	0.0451	U	0.0294	U	0.0531	U	0.0446	U
Barium-133 Uncertainty	pCi/g	0.0281		0.0292		0.0206		0.0364		0.0278	
Barium-140	pCi/g	5.22	U	5.74	U	4.69	U	7.26	U	4.11	U
Barium-140 Uncertainty	pCi/g	2.99		3.39		2.55		3.96		2.43	
Beryllium-7	pCi/g	0.648	U	0.586	U	0.521	U	0.825	U	0.727	U
Beryllium-7 Uncertainty	pCi/g	0.383		0.336		0.305		0.466		0.425	
Beta Uncertainty	pCi/g	2.11		2.32		3.23		2.34		2.27	
Beta, Total	pCi/g	3.48		3.49	U	5.59	U	3.91	U	4.1	U
Bismuth-212	pCi/g	0.598	U	0.64	U	0.46	U	0.567	U	0.486	U
Bismuth-212 Uncertainty	pCi/g	0.299		0.354		0.249		0.353		0.263	
Bismuth-214	pCi/g	0.129	U	0.148	UJ	0.148		0.135	UJ	0.151	
Bismuth-214 Uncertainty	pCi/g	0.0799		0.0909		0.0545		0.101		0.0864	
Cerium-139	pCi/g	0.0366	U	0.036	U	0.0289	U	0.0406	U	0.0294	U
Cerium-139 Uncertainty	pCi/g	0.0214		0.0201		0.0156		0.0258		0.0196	
Cerium-141	pCi/g	0.203	U	0.177	U	0.145	U	0.246	U	0.183	U
Cerium-141 Uncertainty	pCi/g	0.113		0.0998		0.0785		0.138		0.103	
Cerium-144	pCi/g	0.215	U	0.204	U	0.155	U	0.24	U	0.202	U
Cerium-144 Uncertainty	pCi/g	0.122		0.113		0.085		0.145		0.11	

Table 3: Location 11 Soil Sample Radionuclide Results

Radionuclides	Units	11-A	Remark	11-A Deep	Remark	11-B	Remark	11-C	Remark	11-D	Remark
Cesium-134	pCi/g	0.0468	U	0.0576	U	0.0276	U	0.0453	U	0.0468	U
Cesium-134 Uncertainty	pCi/g	0.0268		0.029		0.0205		0.0291		0.025	
Cesium-136	pCi/g	1.9	U	2.07	U	1.53	U	1.62	U	1.49	U
Cesium-136 Uncertainty	pCi/g	1.12		1.25		0.876		0.917		0.902	
Cesium-137	pCi/g	0.0624		0.0603		0.0893		0.246		0.159	
Cesium-137 Uncertainty	pCi/g	0.0423		0.0443		0.03		0.0566		0.0375	
Chromium-51	pCi/g	1.43	U	1.57	U	1.01	U	1.95	U	1.54	U
Chromium-51 Uncertainty	pCi/g	0.9		0.88		0.618		1.09		0.812	
Cobalt-56	pCi/g	0.081	U	0.0705	U	0.0569	U	0.0701	U	0.0604	U
Cobalt-56 Uncertainty	pCi/g	0.0416		0.038		0.0297		0.0431		0.0371	
Cobalt-57	pCi/g	0.0288	U	0.0261	U	0.0196	U	0.0317	U	0.0252	U
Cobalt-57 Uncertainty	pCi/g	0.0153		0.014		0.0104		0.0184		0.0139	
Cobalt-58	pCi/g	0.0758	U	0.0681	U	0.0325	U	0.0714	U	0.0557	U
Cobalt-58 Uncertainty	pCi/g	0.0453		0.0421		0.023		0.043		0.0318	
Cobalt-60	pCi/g	0.0369	U	0.0394	U	0.0281	U	0.0424	U	0.0376	U
Cobalt-60 Uncertainty	pCi/g	0.0207		0.0248		0.0193		0.0263		0.0208	
Europium-152	pCi/g	0.0837	U	0.0953	U	0.0633	U	0.12	U	0.0901	U
Europium-152 Uncertainty	pCi/g	0.0561		0.0588		0.0389		0.0695		0.0535	
Europium-154	pCi/g	0.106	U	0.113	U	0.0799	U	0.102	U	0.0777	U
Europium-154 Uncertainty	pCi/g	0.0674		0.0721		0.0463		0.0608		0.0505	
Europium-155	pCi/g	0.103	U	0.0851	U	0.0715	U	0.114	U	0.0782	U
Europium-155 Uncertainty	pCi/g	0.0597		0.0449		0.0377		0.0601		0.0466	
Iridium-192	pCi/g	0.0618	U	0.0616	U	0.0475	U	0.0683	U	0.0576	U
Iridium-192 Uncertainty	pCi/g	0.0366		0.035		0.0261		0.0425		0.0327	
Iron-59	pCi/g	0.19	U	0.186	U	0.124	U	0.215	U	0.16	U
Iron-59 Uncertainty	pCi/g	0.111		0.0976		0.0717		0.133		0.0965	
Lead-210	pCi/g	3.09	U	0.629	U	2.12	U	5.6	U	3.07	U
Lead-210 Uncertainty	pCi/g	1.79		0.324		1.15		2.89		1.66	

Table 3: Location 11 Soil Sample Radionuclide Results

Radionuclides	Units	11-A	Remark	11-A Deep	Remark	11-B	Remark	11-C	Remark	11-D	Remark
Lead-212	pCi/g	0.21		0.201		0.067	UJ	0.0953	U	0.0755	UJ
Lead-212 Uncertainty	pCi/g	0.0681		0.0537		0.0387		0.0553		0.0527	
Lead-214	pCi/g	0.292		0.275		0.17		0.134	U	0.104	UJ
Lead-214 Uncertainty	pCi/g	0.0894		0.0948		0.0686		0.0944		0.0763	
Manganese-54	pCi/g	0.0387	U	0.0416	U	0.0289	U	0.0403	U	0.037	U
Manganese-54 Uncertainty	pCi/g	0.0259		0.0241		0.0193		0.0228		0.0218	
Mercury-203	pCi/g	0.0799	U	0.0837	U	0.0676	U	0.109	U	0.0852	U
Mercury-203 Uncertainty	pCi/g	0.0497		0.0458		0.0411		0.0659		0.0464	
Neodymium-147	pCi/g	16.4	U	19.9	U	14.6	U	16.9	U	15.4	U
Neodymium-147 Uncertainty	pCi/g	10		13		8.13		12		9.08	
Neptunium-239	pCi/g	0.363	U	0.36	U	0.237	U	0.39	U	0.312	U
Neptunium-239 Uncertainty	pCi/g	0.21		0.186		0.133		0.234		0.185	
Niobium-94	pCi/g	0.0344	U	0.04	U	0.0295	U	0.0394	U	0.0365	U
Niobium-94 Uncertainty	pCi/g	0.0217		0.024		0.0164		0.0255		0.02	
Niobium-95	pCi/g	0.0799	U	0.0757	U	0.0483	U	0.0793	U	0.0713	U
Niobium-95 Uncertainty	pCi/g	0.0514		0.0431		0.0332		0.0504		0.0393	
Potassium-40	pCi/g	0.657		0.702	U	0.295	U	0.589	U	0.467	U
Potassium-40 Uncertainty	pCi/g	0.441		0.351		0.196		0.327		0.271	
Promethium-144	pCi/g	0.0489	U	0.0477	U	0.0282	U	0.0524	U	0.0352	U
Promethium-144 Uncertainty	pCi/g	0.0287		0.0271		0.0181		0.0297		0.0212	
Promethium-146	pCi/g	0.0442	U	0.0431	U	0.0323	U	0.0544	U	0.0365	U
Promethium-146 Uncertainty	pCi/g	0.0241		0.0251		0.0188		0.0344		0.024	
Radium-228	pCi/g	0.393		0.248	U	0.154	U	0.224	U	0.18	U
Radium-228 Uncertainty	pCi/g	0.116		0.15		0.08		0.115		0.116	
Ruthenium-106	pCi/g	0.38	U	0.367	U	0.29	U	0.438	U	0.31	U
Ruthenium-106 Uncertainty	pCi/g	0.21		0.225		0.173		0.251		0.187	
Silver-110m	pCi/g	0.0637	U	0.0606	U	0.0318	U	0.0587	U	0.0549	U
Silver-110m Uncertainty	pCi/g	0.0379		0.0362		0.0218		0.0397		0.0346	

Table 3: Location 11 Soil Sample Radionuclide Results

Radionuclides	Units	11-A	Remark	11-A Deep	Remark	11-B	Remark	11-C	Remark	11-D	Remark
Sodium-22	pCi/g	0.0383	U	0.0414	U	0.029	U	0.0369	U	0.0279	U
Sodium-22 Uncertainty	pCi/g	0.0244		0.0239		0.0168		0.0244		0.0182	
Thallium-208	pCi/g	0.0773		0.0422	U	0.0502		0.0775		0.0433	U
Thallium-208 Uncertainty	pCi/g	0.039		0.0316		0.0293		0.0418		0.0227	
Thorium-234	pCi/g	1.35	U	0.691		0.854	U	1.51	U	1.21	U
Thorium-234 Uncertainty	pCi/g	0.729		0.507		0.455		0.871		0.652	
Tin-113	pCi/g	0.0644	U	0.0674	U	0.0523	U	0.0644	U	0.0539	U
Tin-113 Uncertainty	pCi/g	0.035		0.0343		0.029		0.04		0.0319	
Uranium-235	pCi/g	0.202	U	0.191	U	0.138	U	0.23	U	0.185	U
Uranium-235 Uncertainty	pCi/g	0.116		0.108		0.0813		0.146		0.108	
Uranium-238	pCi/g	1.35	U	0.691		0.854	U	1.51	U	1.21	U
Uranium-238 Uncertainty	pCi/g	0.729		0.507		0.455		0.871		0.652	
Yttrium-88	pCi/g	0.0477	U	0.068	U	0.0307	U	0.0657	U	0.0516	U
Yttrium-88 Uncertainty	pCi/g	0.0334		0.0354		0.0182		0.0376		0.0246	
Zinc-65	pCi/g	0.06	U	0.137	U	0.0758	U	0.0675	U	0.0781	U
Zinc-65 Uncertainty	pCi/g	0.0517		0.0825		0.0482		0.0569		0.0497	
Zirconium-95	pCi/g	0.125	U	0.161	U	0.0947	U	0.132	U	0.129	U
Zirconium-95 Uncertainty	pCi/g	0.0854		0.0799		0.0517		0.0846		0.0724	

Location 12

Table 1: Summary of Residential SCTL Exceedances in Soil Samples Collected from Location 12
March/April 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation

Analyte	Residential SCTL	12-A	12-A Deep	12-B	12-C	12-D
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 12 Soil Sample Chemical Results

Volatile Organic Compounds	Units	12-A	MDL	Remark	12-A Deep	MDL	Remark	12-B	MDL	Remark	12-C	MDL	Remark	12-D	MDL	Remark
1,1,1-Trichloroethane	ug/kg	5	5	U	4.8	4.8	U	5	5	U	4.8	4.8	U	4.9	4.9	U
1,1,2,2-Tetrachloroethane	ug/kg	13	13	UJ	12	12	UJ	13	13	UJ	12	12	UJ	12	12	UJ
1,1,2-Trichloroethane	ug/kg	5	5	U	4.8	4.8	U	5	5	U	4.8	4.8	U	4.9	4.9	U
1,1-Dichloroethane	ug/kg	5	5	U	4.8	4.8	U	5	5	U	4.8	4.8	U	4.9	4.9	U
1,1-Dichloroethene	ug/kg	13	13	U	12	12	U	13	13	U	12	12	U	12	12	U
1,2-Dichlorobenzene	ug/kg	13	13	U	12	12	U	13	13	U	12	12	U	12	12	U
1,2-Dichloroethane	ug/kg	5	5	U	4.8	4.8	U	5	5	U	4.8	4.8	U	4.9	4.9	U
1,2-Dichloropropane	ug/kg	13	13	U	12	12	U	13	13	U	12	12	U	12	12	U
1,3-Dichlorobenzene	ug/kg	13	13	U	12	12	U	13	13	U	12	12	U	12	12	U
1,4-Dichlorobenzene	ug/kg	13	13	U	12	12	U	13	13	U	12	12	U	12	12	U
2-Butanone	ug/kg	130	130	U	120	120	U	130	130	U	120	120	U	120	120	U
2-Chloroethylvinyl ether	ug/kg	13	13	U	12	12	U	13	13	U	12	12	U	12	12	U
Benzene	ug/kg	5	5	U	4.8	4.8	U	5	5	U	4.8	4.8	U	4.9	4.9	U
Bromodichloromethane	ug/kg	5	5	U	4.8	4.8	U	5	5	U	4.8	4.8	U	4.9	4.9	U
Bromoform	ug/kg	13	13	U	12	12	U	13	13	U	12	12	UJ	12	12	U
Bromomethane	ug/kg	13	13	U	12	12	U	13	13	U	12	12	U	12	12	U
Carbon tetrachloride	ug/kg	5	5	U	4.8	4.8	U	5	5	U	4.8	4.8	U	4.9	4.9	U
Chlorobenzene	ug/kg	5	5	U	4.8	4.8	U	5	5	U	4.8	4.8	U	4.9	4.9	U
Chloroethane	ug/kg	13	13	U	12	12	U	13	13	U	12	12	U	12	12	U
Chloroform	ug/kg	5	5	U	4.8	4.8	U	5	5	U	4.8	4.8	U	4.9	4.9	U
Chloromethane	ug/kg	13	13	U	12	12	U	13	13	U	12	12	U	12	12	U
cis-1,2-Dichloroethene	ug/kg	13	13	U	12	12	U	13	13	U	12	12	U	12	12	U
cis-1,3-Dichloropropene	ug/kg	13	13	UJ	12	12	UJ	13	13	UJ	12	12	U	12	12	UJ
Dibromochloromethane	ug/kg	5	5	U	4.8	4.8	U	5	5	U	4.8	4.8	U	4.9	4.9	U
Ethylbenzene	ug/kg	13	13	U	12	12	U	13	13	U	12	12	U	12	12	U
m,p-Xylene	ug/kg	13	13	U	12	12	U	13	13	U	12	12	U	12	12	U
Methylene chloride	ug/kg	13	13	U	12	12	U	13	13	U	12	12	U	12	12	U
Methyl-t-butyl ether	ug/kg	13	13	U	12	12	U	13	13	U	12	12	U	12	12	U
o-Xylene	ug/kg	5	5	U	4.8	4.8	U	5	5	U	4.8	4.8	U	4.9	4.9	U

Table 2: Location 12 Soil Sample Chemical Results

Volatile Organic Compounds	Units	12-A	MDL	Remark	12-A Deep	MDL	Remark	12-B	MDL	Remark	12-C	MDL	Remark	12-D	MDL	Remark
Tetrachloroethene	ug/kg	13	13	U	12	12	U	13	13	U	12	12	U	12	12	U
Toluene	ug/kg	13	13	U	12	12	U	13	13	U	12	12	U	12	12	U
trans-1,2-Dichloroethene	ug/kg	13	13	U	12	12	U	13	13	U	12	12	U	12	12	U
trans-1,3-Dichloropropene	ug/kg	5	5	U	4.8	4.8	U	5	5	U	4.8	4.8	U	4.9	4.9	U
Trichloroethene	ug/kg	5	5	U	4.8	4.8	U	5	5	U	4.8	4.8	U	4.9	4.9	U
Trichlorofluoromethane	ug/kg	13	13	U	12	12	U	13	13	U	12	12	U	12	12	U
Vinyl chloride	ug/kg	13	13	U	12	12	U	13	13	U	12	12	U	12	12	U
Semi-Volatile Organic Compounds	Units	12-A	MDL	Remark	12-A Deep	MDL	Remark	12-B	MDL	Remark	12-C	MDL	Remark	12-D	MDL	Remark
1,2,4-Trichlorobenzene	ug/kg	210	210	U	200	200	U	220	220	U	200	200	U	210	210	U
1-Methylnaphthalene	ug/kg	7.7	7.7	U	7.4	7.4	U	8	8	U	7.5	7.5	U	7.7	7.7	U
1-Methylphenanthrene	ug/kg	7.7	7.7	U	7.4	7.4	U	8	8	U	7.5	7.5	U	7.7	7.7	U
2,3,5-Trimethylnaphthalene	ug/kg	7.7	7.7	U	7.4	7.4	U	8	8	U	7.5	7.5	U	7.7	7.7	U
2,4,6-Trichlorophenol	ug/kg	69	69	U	67	67	U	72	72	U	68	68	U	69	69	U
2,4-Dichlorophenol	ug/kg	69	69	U	67	67	U	72	72	U	68	68	U	69	69	U
2,4-Dimethylphenol	ug/kg	420	420	U	400	400	U	430	430	U	410	410	U	410	410	U
2,4-Dinitrophenol	ug/kg	420	420	U	400	400	U	430	430	U	410	410	U	410	410	U
2,4-Dinitrotoluene	ug/kg	69	69	U	67	67	U	72	72	U	68	68	U	69	69	U
2,6-Dimethylnaphthalene	ug/kg	7.7	7.7	U	7.4	7.4	U	8	8	U	7.5	7.5	U	7.7	7.7	U
2,6-Dinitrotoluene	ug/kg	69	69	U	67	67	U	72	72	U	68	68	U	69	69	U
2-Chloronaphthalene	ug/kg	69	69	U	67	67	U	72	72	U	68	68	U	69	69	U
2-Chlorophenol	ug/kg	210	210	U	200	200	U	220	220	U	200	200	U	210	210	U
2-Methyl-4,6-dinitrophenol	ug/kg	69	69	U	67	67	U	72	72	U	68	68	U	69	69	U
2-Methylnaphthalene	ug/Kg	7.7	7.7	U	7.4	7.4	U	8	8	U	7.5	7.5	U	7.7	7.7	U
2-Nitrophenol	ug/kg	69	69	U	67	67	U	72	72	U	68	68	U	69	69	U
3,3'-Dichlorobenzidine	ug/kg	4200	4200	U	4000	4000	U	4300	4300	U	4000	4000	U	4000	4000	U
4-Bromophenyl phenyl ether	ug/kg	69	69	U	67	67	U	72	72	U	68	68	U	69	69	U
4-Chloro-3-methylphenol	ug/kg	69	69	U	67	67	U	72	72	U	68	68	U	69	69	U
4-Chlorophenyl phenyl ether	ug/kg	69	69	U	67	67	U	72	72	U	68	68	U	69	69	U
4-Nitrophenol	ug/kg	69	69	U	67	67	U	72	72	U	68	68	U	69	69	U

Table 2: Location 12 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	12-A	MDL	Remark	12-A Deep	MDL	Remark	12-B	MDL	Remark	12-C	MDL	Remark	12-D	MDL	Remark
Acenaphthene	ug/kg	7.7	7.7	U	7.4	7.4	U	8	8	U	7.5	7.5	U	7.7	7.7	U
Acenaphthylene	ug/kg	7.7	7.7	U	7.4	7.4	U	8	8	U	7.5	7.5	U	7.7	7.7	U
Anthracene	ug/kg	7.7	7.7	U	7.4	7.4	U	8	8	U	7.5	7.5	U	7.7	7.7	U
Azobenzene/1,2-Diphenylhydrazine	ug/kg	69	69	U	67	67	U	72	72	U	68	68	U	69	69	U
Benzidine	ug/kg	1500	1500	U	1300	1300	U	1600	1600	UJ	1500	1500	UJ	1500	1500	U
Benzo(a)anthracene	ug/kg	7.7	7.7	U	7.4	7.4	U	8	8	U	7.5	7.5	U	7.7	7.7	U
Benzo(a)pyrene	ug/kg	7.7	7.7	U	7.4	7.4	U	8	8	U	7.5	7.5	U	7.7	7.7	U
Benzo(b)fluoranthene	ug/kg	7.7	7.7	U	7.4	7.4	U	8	8	U	7.5	7.5	U	7.7	7.7	U
Benzo(g,h,i)perylene	ug/kg	7.7	7.7	U	7.4	7.4	U	8	8	U	7.5	7.5	U	7.7	7.7	U
Benzo(k)fluoranthene	ug/kg	7.7	7.7	U	7.4	7.4	U	8	8	U	7.5	7.5	U	7.7	7.7	U
Biphenyl	ug/kg	7.7	7.7	U	7.4	7.4	U	8	8	U	7.5	7.5	U	7.7	7.7	U
Bis(2-chloroethoxy)methane	ug/kg	69	69	U	67	67	U	72	72	U	68	68	U	69	69	U
Bis(2-chloroethyl)ether	ug/kg	69	69	U	67	67	U	72	72	U	68	68	U	69	69	U
Bis(2-chloroisopropyl)ether	ug/kg	69	69	U	67	67	U	72	72	U	68	68	U	69	69	U
Bis(2-ethylhexyl)phthalate	ug/kg	420	420	UJ	400	400	UJ	430	430	UQ	410	410	UJ	410	410	UJ
Butyl benzyl phthalate	ug/kg	69	69	U	67	67	U	72	72	U	68	68	U	69	69	U
Chrysene	ug/kg	7.7	7.7	U	7.4	7.4	U	8	8	U	7.5	7.5	U	7.7	7.7	U
Dibenzo(a,h)anthracene	ug/kg	7.7	7.7	U	7.4	7.4	U	8	8	U	7.5	7.5	U	7.7	7.7	U
Dibenzothiophene	ug/kg	7.7	7.7	U	7.4	7.4	U	8	8	U	7.5	7.5	U	7.7	7.7	U
Diethyl phthalate	ug/kg	69	69	U	67	67	U	72	72	U	68	68	U	69	69	U
Dimethyl phthalate	ug/kg	69	69	U	67	67	U	72	72	U	68	68	U	69	69	U
Di-n-butyl phthalate	ug/kg	420	420	UJ	400	400	UJ	430	430	UJ	410	410	U	410	410	UJ
Di-n-octyl phthalate	ug/kg	69	69	UJ	67	67	UJ	72	72	UJ	68	68	U	69	69	UJ
Fluoranthene	ug/kg	7.7	7.7	U	7.4	7.4	U	8	8	U	7.5	7.5	U	7.7	7.7	U
Fluorene	ug/kg	7.7	7.7	U	7.4	7.4	U	8	8	U	7.5	7.5	U	7.7	7.7	U
Hexachlorobenzene	ug/kg	69	69	U	67	67	U	72	72	U	68	68	U	69	69	U
Hexachlorobutadiene	ug/kg	210	210	U	200	200	U	220	220	U	200	200	U	210	210	U
Hexachlorocyclopentadiene	ug/kg	69	69	U	67	67	U	72	72	UJ	68	68	U	69	69	U
Hexachloroethane	ug/kg	210	210	U	200	200	U	220	220	UJ	200	200	U	210	210	U

Table 2: Location 12 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	12-A	MDL	Remark	12-A Deep	MDL	Remark	12-B	MDL	Remark	12-C	MDL	Remark	12-D	MDL	Remark
Indeno(1,2,3-cd)pyrene	ug/kg	7.7	7.7	U	7.4	7.4	U	8	8	U	7.5	7.5	U	7.7	7.7	U
Isophorone	ug/kg	69	69	U	67	67	U	72	72	U	68	68	U	69	69	U
Naphthalene	ug/kg	7.7	7.7	U	7.4	7.4	U	8	8	U	7.5	7.5	U	7.7	7.7	U
Nitrobenzene	ug/kg	69	69	U	67	67	U	72	72	U	68	68	U	69	69	U
N-Nitrosodimethylamine	ug/kg	420	420	U	400	400	U	430	430	U	410	410	U	410	410	U
N-Nitrosodi-n-propylamine	ug/kg	69	69	U	67	67	U	72	72	U	68	68	U	69	69	U
N-Nitrosodiphenylamine/ Diphenylamine	ug/kg	69	69	U	67	67	U	72	72	U	68	68	U	69	69	U
Pentachlorophenol	ug/kg	69	69	U	67	67	U	72	72	U	68	68	U	69	69	U
Phenanthrene	ug/kg	7.7	7.7	U	7.4	7.4	U	8	8	U	7.5	7.5	U	7.7	7.7	U
Phenol	ug/kg	69	69	U	67	67	U	72	72	U	68	68	U	69	69	U
Pyrene	ug/kg	7.7	7.7	U	7.4	7.4	U	8	8	U	7.5	7.5	U	7.7	7.7	U
TRPH	mg/kg	14	12	I	12	12	U	23	12	U	32	12	I	12	12	U
Pesticides/Herbicides/PCBs	Units	12-A	MDL	Remark	12-A Deep	MDL	Remark	12-B	MDL	Remark	12-C	MDL	Remark	12-D	MDL	Remark
2,4,5-T	ug/kg										7.4	7.4	U			
2,4-D	ug/kg										7.4	7.4	U			
3-Hydroxycarbofuran	ug/kg										0.57	0.57	UJ			
Acifluorfen	ug/kg										7.4	7.4	U			
Aldicarb	ug/kg										0.57	0.57	UJ			
Aldicarb Sulfone	ug/kg										0.57	0.57	UJ			
Aldicarb Sulfoxide	ug/kg										0.57	0.57	UJ			
Carbaryl	ug/kg										0.57	0.57	UJ			
Carbofuran	ug/kg										0.57	0.57	UJ			
Diuron	ug/kg										6.8	6.8	U			
Imidacloprid	ug/kg										6.8	6.8	U			
Linuron	ug/kg										6.8	6.8	U			
Methiocarb	ug/kg										0.57	0.57	UJ			
Methomyl	ug/kg										0.57	0.57	UJ			
Oxamyl	ug/kg										0.57	0.57	UJ			
Propoxur	ug/kg										0.57	0.57	UJ			

Table 2: Location 12 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	12-A	MDL	Remark	12-A Deep	MDL	Remark	12-B	MDL	Remark	12-C	MDL	Remark	12-D	MDL	Remark
Silvex	ug/kg										7.4	7.4	U			
Alachlor	ug/kg	12	12	U	11	11	U	12	12	U	11	11	U	11	11	U
Aldrin	ug/Kg	0.38	0.38	U	0.37	0.37	U	0.4	0.4	U	0.38	0.38	U	0.38	0.38	U
Alpha-BHC	ug/Kg	0.38	0.38	U	0.37	0.37	U	0.4	0.4	U	0.38	0.38	U	0.38	0.38	U
Ametryn	ug/kg	1.9	1.9	U	1.9	1.9	U	2	2	U	1.9	1.9	U	1.9	1.9	U
Atrazine	ug/kg	1.9	1.9	U	1.9	1.9	U	2	2	U	1.9	1.9	U	1.9	1.9	U
Azinphos Methyl	ug/kg	5.8	5.8	U	5.6	5.6	U	6	6	U	5.7	5.7	U	5.7	5.7	U
Beta-BHC	ug/Kg	0.38	0.38	U	0.37	0.37	U	0.4	0.4	U	0.38	0.38	U	0.38	0.38	U
Bromacil	ug/kg	7.7	7.7	U	7.4	7.4	U	8	8	U	7.5	7.5	U	7.7	7.7	U
Chlordane	ug/Kg	5.8	5.8	U	5.6	5.6	U	6	6	U	5.7	5.7	U	5.7	5.7	U
Chlorpyrifos Ethyl	ug/kg	1.9	1.9	U	1.9	1.9	U	2	2	U	1.9	1.9	U	1.9	1.9	U
Chlorpyrifos Methyl	ug/kg	3.8	3.8	U	3.7	3.7	U	4	4	U	3.8	3.8	U	3.8	3.8	U
DDD-p,p'	ug/Kg	0.77	0.77	U	0.74	0.74	U	0.8	0.8	U	0.75	0.75	U	0.77	0.77	U
DDE-p,p'	ug/Kg	31	0.77		0.74	0.74	U	0.8	0.8	U	0.75	0.75	U	0.77	0.77	U
DDT-p,p'	ug/Kg	2.1	2.1	U	1.1	1.1	U	1.2	1.2	U	1.1	1.1	U	1.1	1.1	U
Delta-BHC	ug/Kg	0.77	0.77	U	0.74	0.74	U	0.8	0.8	U	0.75	0.75	U	0.77	0.77	U
Diazinon	ug/kg	1.9	1.9	U	1.9	1.9	U	2	2	U	1.9	1.9	U	1.9	1.9	U
Dieldrin	ug/Kg	9.9	0.38		0.37	0.37	U	0.4	0.4	U	0.38	0.38	U	0.38	0.38	U
Endosulfan I	ug/Kg	0.38	0.38	U	0.37	0.37	U	0.4	0.4	U	0.38	0.38	U	0.38	0.38	U
Endosulfan II	ug/Kg	2.2	2.2	U	0.37	0.37	U	0.4	0.4	U	0.38	0.38	U	0.38	0.38	U
Endosulfan Sulfate	ug/Kg	4.9	4.9	U	0.74	0.74	U	0.8	0.8	U	0.75	0.75	U	0.77	0.77	U
Endrin	ug/Kg	1.9	1.9	U	1.9	1.9	U	2	2	U	1.9	1.9	U	1.9	1.9	U
Endrin Aldehyde	ug/Kg	0.77	0.77	U	0.74	0.74	U	0.8	0.8	U	0.75	0.75	U	0.77	0.77	U
Ethion	ug/kg	1.9	1.9	U	1.9	1.9	U	2	2	U	1.9	1.9	U	1.9	1.9	U
Ethoprop	ug/kg	1.9	1.9	U	1.9	1.9	U	2	2	U	1.9	1.9	U	1.9	1.9	U
Fenamiphos	ug/kg	7.7	7.7	U	7.4	7.4	U	8	8	U	7.5	7.5	U	7.7	7.7	U
Fonofos	ug/kg	1.9	1.9	U	1.9	1.9	U	2	2	U	1.9	1.9	U	1.9	1.9	U
Gamma-BHC	ug/Kg	0.38	0.38	U	0.37	0.37	U	0.4	0.4	U	0.38	0.38	U	0.38	0.38	U
Heptachlor	ug/Kg	0.38	0.38	U	0.37	0.37	U	0.4	0.4	U	0.38	0.38	U	0.38	0.38	U

Table 2: Location 12 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	12-A	MDL	Remark	12-A Deep	MDL	Remark	12-B	MDL	Remark	12-C	MDL	Remark	12-D	MDL	Remark
Heptachlor Epoxide	ug/kg	0.38	0.38	U	0.37	0.37	U	0.4	0.4	U	0.38	0.38	U	0.38	0.38	U
Hexazinone	ug/kg	3.8	3.8	U	3.7	3.7	U	4	4	U	3.8	3.8	U	3.8	3.8	U
Malathion	ug/kg	3.8	3.8	U	3.7	3.7	U	4	4	U	3.8	3.8	U	3.8	3.8	U
Methamidophos	ug/kg	19	19	U	19	19	U	20	20	U	19	19	U	19	19	U
Methoxychlor	ug/kg	1.9	1.9	U	1.9	1.9	U	2	2	U	1.9	1.9	U	1.9	1.9	U
Metolachlor	ug/kg	12	12	U	11	11	U	12	12	U	11	11	U	11	11	U
Metribuzin	ug/kg	3.8	3.8	U	3.7	3.7	U	4	4	U	3.8	3.8	U	3.8	3.8	U
Mevinphos	ug/kg	7.7	7.7	U	7.4	7.4	U	8	8	U	7.5	7.5	U	7.7	7.7	U
Monocrotophos	ug/kg	19	19	U	19	19	U	20	20	U	19	19	U	19	19	U
Naled	ug/kg	15	15	U	15	15	U	16	16	U	15	15	U	15	15	U
Norflurazon	ug/kg	3.8	3.8	U	3.7	3.7	U	4	4	U	3.8	3.8	U	3.8	3.8	U
Parathion Ethyl	ug/kg	3.8	3.8	U	3.7	3.7	U	4	4	U	3.8	3.8	U	3.8	3.8	U
Parathion Methyl	ug/kg	3.8	3.8	U	3.7	3.7	U	4	4	U	3.8	3.8	U	3.8	3.8	U
PCB-1016	ug/Kg	12	12	U	11	11	U	12	12	U	11	11	U	11	11	U
PCB-1221	ug/Kg	7.7	7.7	U	7.4	7.4	U	8	8	U	7.5	7.5	U	7.7	7.7	U
PCB-1232	ug/Kg	17	17	U	17	17	U	18	18	U	17	17	U	17	17	U
PCB-1242	ug/Kg	12	12	U	11	11	U	12	12	U	11	11	U	11	11	U
PCB-1248	ug/Kg	7.7	7.7	U	7.4	7.4	U	8	8	U	7.5	7.5	U	7.7	7.7	U
PCB-1254	ug/Kg	7.7	7.7	U	7.4	7.4	U	8	8	U	7.5	7.5	U	7.7	7.7	U
PCB-1260	ug/Kg	12	12	U	11	11	U	12	12	U	11	11	U	11	11	U
Phorate	ug/kg	1.9	1.9	U	1.9	1.9	U	2	2	U	1.9	1.9	U	1.9	1.9	U
Prometryn	ug/kg	3.8	3.8	U	3.7	3.7	U	4	4	U	3.8	3.8	U	3.8	3.8	U
Simazine	ug/kg	1.9	1.9	U	1.9	1.9	U	2	2	U	1.9	1.9	U	1.9	1.9	U
Toxaphene	ug/Kg	410	29		28	28	U	30	30	U	28	28	U	29	29	U
Diquat	mg/Kg										0.045	0.045	U			
Paraquat	mg/Kg										0.056	0.056	U			
Metals	Units	12-A	MDL	Remark	12-A Deep	MDL	Remark	12-B	MDL	Remark	12-C	MDL	Remark	12-D	MDL	Remark
Mercury	mg/Kg	0.014	0.0037	I	0.017	0.0038		0.015	0.0038	I	0.046	0.0043		0.027	0.0037	
Antimony	mg/Kg	0.25	0.25	U	0.25	0.25	U	0.25	0.25	U	0.14	0.14	U	0.24	0.24	U

Table 2: Location 12 Soil Sample Chemical Results

Metals	Units	12-A	MDL	Remark	12-A Deep	MDL	Remark	12-B	MDL	Remark	12-C	MDL	Remark	12-D	MDL	Remark
Arsenic	mg/Kg	0.29	0.098	I	0.28	0.099	I	0.34	0.099	I	0.65	0.056		0.48	0.095	
Barium	mg/Kg	6.09	0.098		4.33	0.099		9.09	0.099		5.64	0.056		6.99	0.095	
Beryllium	mg/Kg	0.073	0.039	I	0.087	0.039	I	0.16	0.04	I	0.149	0.022		0.16	0.038	
Cadmium	mg/Kg	0.049	0.049	U	0.049	0.049	U	0.05	0.05	U	0.046	0.028	I	0.047	0.047	U
Chromium	mg/Kg	3.11	0.25		4.02	0.25		6.5	0.25		4.79	0.14		6.97	0.24	
Cobalt	mg/Kg	0.282	0.02		0.236	0.02		0.473	0.02		0.219	0.011		0.346	0.019	
Copper	mg/Kg	4.54	0.25		2.15	0.25		2.47	0.25		8.6	0.14		3.92	0.24	
Lead	mg/Kg	2.7	0.37		2.8	0.37		2.6	0.37		3.83	0.21		2.9	0.35	
Nickel	mg/Kg	0.86	0.25	I	1.19	0.25		1.76	0.25		1.14	0.14		1.45	0.24	
Selenium	mg/Kg	0.21	0.15	I	0.3	0.15	I	0.19	0.15	I	0.82	0.084		0.42	0.14	I
Silver	mg/Kg	0.012	0.012	U	0.012	0.012	U	0.012	0.012	U	0.017	0.007	I	0.012	0.012	U
Thallium	mg/Kg	0.049	0.049	U	0.049	0.049	U	0.05	0.05	U	0.028	0.028	U	0.047	0.047	U
Zinc	mg/Kg	4.9	2	I	2.2	2	I	9.9	2		5	1.1		3	1.9	I
Dioxins/Furans	Units	12-A	MDL	Remark	12-A Deep	MDL	Remark	12-B	MDL	Remark	12-C	MDL	Remark	12-D	MDL	Remark
1,2,3,4,6,7,8-HpCDD	ng/Kg										14.8	2.4				
1,2,3,4,6,7,8-HpCDF	ng/Kg										1.67	2.4	I			
1,2,3,4,7,8,9-HpCDF	ng/Kg										0.0887	2.4	U			
1,2,3,4,7,8-HxCDD	ng/Kg										0.13	2.4	U			
1,2,3,4,7,8-HxCDF	ng/Kg										0.104	2.4	I			
1,2,3,6,7,8-HxCDD	ng/Kg										0.572	2.4	I			
1,2,3,6,7,8-HxCDF	ng/Kg										0.0705	2.4	U			
1,2,3,7,8,9-HxCDD	ng/Kg										0.518	2.4	I			
1,2,3,7,8,9-HxCDF	ng/Kg										0.089	2.4	U			
1,2,3,7,8-PeCDD	ng/Kg										0.0622	2.4	U			
1,2,3,7,8-PeCDF	ng/Kg										0.0613	2.4	U			
2,3,4,6,7,8-HxCDF	ng/Kg										0.0799	2.4	U			
2,3,4,7,8-PeCDF	ng/Kg										0.0599	2.4	U			
2,3,7,8-TCDD	ng/Kg										0.051	0.961	U			
2,3,7,8-TCDF	ng/Kg										0.0557	0.961	U			

Table 2: Location 12 Soil Sample Chemical Results

Dioxins/Furans	Units	12-A	MDL	Remark	12-A Deep	MDL	Remark	12-B	MDL	Remark	12-C	MDL	Remark	12-D	MDL	Remark
OCDD	ng/Kg										95.6	4.81	V			
OCDF	ng/Kg										3.89	4.81	I			
Total Hepta-Dioxins	ng/Kg										25.3	2.4				
Total Hepta-Furans	ng/Kg										4.12	2.4				
Total Hexa-Dioxins	ng/Kg										3.9	2.4				
Total Hexa-Furans	ng/Kg										1.56	2.4	I			
Total Penta-Dioxins	ng/Kg										0.342	2.4	I			
Total Penta-Furans	ng/Kg										1.01	2.4	I			
Total Tetra-Dioxins	ng/Kg										3.35	0.961				
Total Tetra-Furans	ng/Kg										0.0557	0.961	U			
Calculated Total Toxicity Equivalents (TEQ)	Units	12-A			12-A Deep			12-B			12-C			12-D		
Dioxins as total 2,3,7,8-TCDD	ng/Kg										0.395					
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 12 Soil Sample Radionuclide Results

Radionuclides	Units	12-A	Remark	12-A Deep	Remark	12-B	Remark	12-C	Remark	12-D	Remark
Actinium-228	pCi/g	0.193	U	0.179	U	0.217	U	0.196	U	0.188	UJ
Actinium-228 Uncertainty	pCi/g	0.129		0.112		0.128		0.103		0.105	
Alpha Uncertainty	pCi/g	2.08		1.83		3.05		2.17		2.45	
Alpha, Total	pCi/g	2.69	U	3.41	U	5.8		3.37	U	3.81	
Americium-241	pCi/g	0.18	U	0.172	U	0.148	U	0.0343	U	0.0898	U
Americium-241 Uncertainty	pCi/g	0.0985		0.0902		0.0788		0.0183		0.052	
Antimony-124	pCi/g	0.137	U	0.11	U	0.206	U	0.185	U	0.167	U
Antimony-124 Uncertainty	pCi/g	0.0987		0.0788		0.116		0.103		0.0855	
Antimony-125	pCi/g	0.0985	U	0.0752	U	0.105	U	0.0804	U	0.0765	U
Antimony-125 Uncertainty	pCi/g	0.0539		0.0388		0.0613		0.0459		0.0427	
Barium-133	pCi/g	0.0424	U	0.0313	U	0.0469	U	0.0308	U	0.0372	U
Barium-133 Uncertainty	pCi/g	0.0279		0.02		0.031		0.0192		0.0217	
Barium-140	pCi/g	6.75	U	5.78	U	8.32	U	6.55	U	6.93	U
Barium-140 Uncertainty	pCi/g	4.01		3.79		4.6		4.03		3.74	
Beryllium-7	pCi/g	0.736	U	0.608	U	0.711	U	0.623	U	0.63	U
Beryllium-7 Uncertainty	pCi/g	0.415		0.347		0.441		0.359		0.355	
Beta Uncertainty	pCi/g	1.77		2.53		1.84		4.29		1.61	
Beta, Total	pCi/g	3.13	U	6.74		3	U	24.8		2.93	U
Bismuth-212	pCi/g	0.473	U	0.511	U	0.679	U	0.391	U	0.497	U
Bismuth-212 Uncertainty	pCi/g	0.293		0.339		0.359		0.248		0.282	
Bismuth-214	pCi/g	0.123	UJ	0.164		0.156	UJ	0.11	UJ	0.116	UJ
Bismuth-214 Uncertainty	pCi/g	0.0723		0.0622		0.091		0.0794		0.0747	
Cerium-139	pCi/g	0.0399	U	0.0309	U	0.0384	U	0.03	U	0.0331	U
Cerium-139 Uncertainty	pCi/g	0.022		0.0187		0.0253		0.0166		0.0184	
Cerium-141	pCi/g	0.255	U	0.166	U	0.233	U	0.166	U	0.205	U
Cerium-141 Uncertainty	pCi/g	0.145		0.0997		0.142		0.094		0.112	
Cerium-144	pCi/g	0.221	U	0.18	U	0.219	U	0.133	U	0.169	U
Cerium-144 Uncertainty	pCi/g	0.133		0.0978		0.131		0.0811		0.108	

Table 3: Location 12 Soil Sample Radionuclide Results

Radionuclides	Units	12-A	Remark	12-A Deep	Remark	12-B	Remark	12-C	Remark	12-D	Remark
Cesium-134	pCi/g	0.0496	U	0.0411	U	0.0535	U	0.0401	U	0.044	U
Cesium-134 Uncertainty	pCi/g	0.0267		0.0212		0.0284		0.0213		0.0234	
Cesium-136	pCi/g	2.66	U	1.74	U	3.25	U	2.58	U	2.36	U
Cesium-136 Uncertainty	pCi/g	1.49		1.05		1.9		1.48		1.26	
Cesium-137	pCi/g	0.0407	U	0.035	U	0.0508	U	0.0892		0.0413	U
Cesium-137 Uncertainty	pCi/g	0.0223		0.025		0.0259		0.0409		0.0226	
Chromium-51	pCi/g	1.8	U	1.49	U	1.76	U	1.56	U	1.34	U
Chromium-51 Uncertainty	pCi/g	0.993		0.797		1.07		0.835		0.75	
Cobalt-56	pCi/g	0.0513	U	0.0581	U	0.0661	U	0.0605	U	0.0584	U
Cobalt-56 Uncertainty	pCi/g	0.0318		0.0323		0.0408		0.0322		0.0316	
Cobalt-57	pCi/g	0.0282	U	0.0236	U	0.0278	U	0.0179	U	0.0253	U
Cobalt-57 Uncertainty	pCi/g	0.0172		0.0127		0.0161		0.01		0.0135	
Cobalt-58	pCi/g	0.0755	U	0.0522	U	0.0732	U	0.0515	U	0.054	U
Cobalt-58 Uncertainty	pCi/g	0.0399		0.0308		0.0418		0.0338		0.0338	
Cobalt-60	pCi/g	0.0245	U	0.0287	U	0.0376	U	0.035	U	0.0287	U
Cobalt-60 Uncertainty	pCi/g	0.0134		0.0187		0.0214		0.0195		0.0163	
Europium-152	pCi/g	0.099	U	0.0785	U	0.1	U	0.082	U	0.0805	U
Europium-152 Uncertainty	pCi/g	0.0626		0.0472		0.0566		0.0458		0.0491	
Europium-154	pCi/g	0.0973	U	0.0686	U	0.0925	U	0.0911	U	0.0894	U
Europium-154 Uncertainty	pCi/g	0.063		0.0374		0.0564		0.044		0.0458	
Europium-155	pCi/g	0.107	U	0.0764	U	0.104	U	0.0561	U	0.0841	U
Europium-155 Uncertainty	pCi/g	0.0606		0.0409		0.0583		0.0307		0.0464	
Iridium-192	pCi/g	0.0568	U	0.0476	U	0.0685	U	0.0511	U	0.0529	U
Iridium-192 Uncertainty	pCi/g	0.0333		0.0274		0.0374		0.0284		0.0282	
Iron-59	pCi/g	0.191	U	0.12	U	0.176	U	0.186	U	0.162	U
Iron-59 Uncertainty	pCi/g	0.122		0.067		0.136		0.115		0.0939	
Lead-210	pCi/g	6.13	U	6.49	U	3.49	U	0.363		1.76	U
Lead-210 Uncertainty	pCi/g	3.48		3.81		1.86		0.303		0.922	

Table 3: Location 12 Soil Sample Radionuclide Results

Radionuclides	Units	12-A	Remark	12-A Deep	Remark	12-B	Remark	12-C	Remark	12-D	Remark
Lead-212	pCi/g	0.149		0.0763	UJ	0.196		0.102		0.0799	UJ
Lead-212 Uncertainty	pCi/g	0.0487		0.0597		0.0541		0.0507		0.047	
Lead-214	pCi/g	0.3		0.105	UJ	0.277		0.229		0.253	
Lead-214 Uncertainty	pCi/g	0.0948		0.0605		0.103		0.0698		0.07	
Manganese-54	pCi/g	0.0336	U	0.0295	U	0.0467	U	0.0307	U	0.0346	U
Manganese-54 Uncertainty	pCi/g	0.0238		0.0179		0.0269		0.0197		0.0203	
Mercury-203	pCi/g	0.0975	U	0.0869	U	0.101	U	0.0756	U	0.086	U
Mercury-203 Uncertainty	pCi/g	0.0554		0.0446		0.056		0.0427		0.0438	
Neodymium-147	pCi/g	25.8	U	20.6	U	31.2	U	24.6	U	20.8	U
Neodymium-147 Uncertainty	pCi/g	16.3		13.3		16.9		14.5		14.3	
Neptunium-239	pCi/g	0.396	U	0.289	U	0.379	U	0.239	U	0.311	U
Neptunium-239 Uncertainty	pCi/g	0.223		0.162		0.221		0.127		0.177	
Niobium-94	pCi/g	0.0325	U	0.0269	U	0.0361	U	0.0284	U	0.0296	U
Niobium-94 Uncertainty	pCi/g	0.0185		0.0149		0.0202		0.016		0.0167	
Niobium-95	pCi/g	0.0745	U	0.0596	U	0.0884	U	0.0729	U	0.0717	U
Niobium-95 Uncertainty	pCi/g	0.0467		0.0373		0.0503		0.041		0.0382	
Potassium-40	pCi/g	0.332	UJ	0.537	U	0.487		0.563	U	0.289	U
Potassium-40 Uncertainty	pCi/g	0.277		0.284		0.424		0.276		0.287	
Promethium-144	pCi/g	0.039	U	0.0335	U	0.0427	U	0.0365	U	0.0358	U
Promethium-144 Uncertainty	pCi/g	0.0228		0.0192		0.0289		0.0218		0.021	
Promethium-146	pCi/g	0.0414	U	0.0343	U	0.0392	U	0.0382	U	0.0349	U
Promethium-146 Uncertainty	pCi/g	0.0236		0.0206		0.0253		0.0216		0.0196	
Radium-228	pCi/g	0.193	U	0.179	U	0.217	U	0.196	U	0.188	UJ
Radium-228 Uncertainty	pCi/g	0.129		0.112		0.128		0.103		0.105	
Ruthenium-106	pCi/g	0.336	U	0.24	U	0.411	U	0.301	U	0.286	U
Ruthenium-106 Uncertainty	pCi/g	0.189		0.149		0.224		0.175		0.17	
Silver-110m	pCi/g	0.0577	U	0.0409	U	0.0403	U	0.0462	U	0.043	U
Silver-110m Uncertainty	pCi/g	0.0336		0.0213		0.0315		0.028		0.0245	

Table 3: Location 12 Soil Sample Radionuclide Results

Radionuclides	Units	12-A	Remark	12-A Deep	Remark	12-B	Remark	12-C	Remark	12-D	Remark
Sodium-22	pCi/g	0.0354	U	0.025	U	0.0333	U	0.0331	U	0.0319	U
Sodium-22 Uncertainty	pCi/g	0.023		0.0141		0.0204		0.0178		0.0164	
Thallium-208	pCi/g	0.0339	U	0.0413		0.0554	U	0.0465		0.055	
Thallium-208 Uncertainty	pCi/g	0.0337		0.025		0.0285		0.0363		0.0335	
Thorium-234	pCi/g	1.54	U	1.46	U	1.41	U	0.514	U	0.94	U
Thorium-234 Uncertainty	pCi/g	0.893		0.787		0.761		0.261		0.514	
Tin-113	pCi/g	0.0662	U	0.0542	U	0.0755	U	0.0527	U	0.0529	U
Tin-113 Uncertainty	pCi/g	0.037		0.0297		0.041		0.0292		0.0292	
Uranium-235	pCi/g	0.211	U	0.147	U	0.217	U	0.155	U	0.17	U
Uranium-235 Uncertainty	pCi/g	0.119		0.0892		0.127		0.084		0.0983	
Uranium-238	pCi/g	1.54	U	1.46	U	1.41	U	0.514	U	0.94	U
Uranium-238 Uncertainty	pCi/g	0.893		0.787		0.761		0.261		0.514	
Yttrium-88	pCi/g	0.0626	U	0.0516	U	0.0571	U	0.0546	U	0.0506	U
Yttrium-88 Uncertainty	pCi/g	0.0354		0.0261		0.0272		0.0335		0.0321	
Zinc-65	pCi/g	0.0905	U	0.0638	U	0.0792	U	0.0925	U	0.0757	U
Zinc-65 Uncertainty	pCi/g	0.0634		0.0422		0.0692		0.0549		0.0538	
Zirconium-95	pCi/g	0.141	U	0.102	U	0.125	U	0.118	U	0.124	U
Zirconium-95 Uncertainty	pCi/g	0.0846		0.0646		0.0765		0.0695		0.0665	

Location 14

Table 1: Summary of Residential SCTL Exceedances in Soil Samples Collected from Location 14
March/April 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation

Analyte	Residential SCTL	14-A	14-A Deep	14-B	14-C	14-D
Exceedances						
Benzo(a)pyrene	0.1 mg/Kg	1.90	0.021	ND	0.240	ND
Arsenic	2.1 mg/Kg	5.64	0.81	0.78	1.72	1.40
Total Recoverable Petroleum Hydrocarbons	460 mg/Kg	710	ND	15	700	16

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 14 Soil Sample Chemical Results

Volatile Organic Compounds	Units	14-A	MDL	Remark	14-A Deep	MDL	Remark	14-B	MDL	Remark	14-C	MDL	Remark	14-D	MDL	Remark
1,1,1-Trichloroethane	ug/kg	6.5	6.5	UJ	5	5	U	5.1	5.1	U	5.2	5.2	U	5.8	5.8	U
1,1,2,2-Tetrachloroethane	ug/kg	16	16	UJ	12	12	UJ	13	13	UJ	13	13	UJ	14	14	UJ
1,1,2-Trichloroethane	ug/kg	6.5	6.5	U	5	5	U	5.1	5.1	U	5.2	5.2	U	5.8	5.8	U
1,1-Dichloroethane	ug/kg	6.5	6.5	U	5	5	U	5.1	5.1	U	5.2	5.2	U	5.8	5.8	U
1,1-Dichloroethene	ug/kg	16	16	U	12	12	U	13	13	U	13	13	U	14	14	U
1,2-Dichlorobenzene	ug/kg	16	16	U	12	12	U	13	13	U	13	13	U	14	14	U
1,2-Dichloroethane	ug/kg	6.5	6.5	U	5	5	U	5.1	5.1	U	5.2	5.2	U	5.8	5.8	U
1,2-Dichloropropane	ug/kg	16	16	U	12	12	U	13	13	U	13	13	U	14	14	U
1,3-Dichlorobenzene	ug/kg	16	16	U	12	12	U	13	13	U	13	13	U	14	14	U
1,4-Dichlorobenzene	ug/kg	16	16	U	12	12	U	13	13	U	13	13	U	14	14	U
2-Butanone	ug/kg	160	160	U	120	120	U	130	130	U	130	130	U	140	140	U
2-Chloroethylvinyl ether	ug/kg	16	16	U	12	12	U	13	13	U	13	13	U	14	14	U
Benzene	ug/kg	6.5	6.5	U	5	5	U	5.1	5.1	U	5.2	5.2	U	5.8	5.8	U
Bromodichloromethane	ug/kg	6.5	6.5	UJ	5	5	U	5.1	5.1	U	5.2	5.2	U	5.8	5.8	U
Bromoform	ug/kg	16	16	UJ	12	12	UJ	13	13	UJ	13	13	UJ	14	14	UJ
Bromomethane	ug/kg	16	16	UJ	12	12	U	13	13	U	13	13	U	14	14	U
Carbon tetrachloride	ug/kg	6.5	6.5	UJ	5	5	U	5.1	5.1	U	5.2	5.2	U	5.8	5.8	U
Chlorobenzene	ug/kg	6.5	6.5	U	5	5	U	5.1	5.1	U	5.2	5.2	U	5.8	5.8	U
Chloroethane	ug/kg	16	16	UJ	12	12	U	13	13	U	13	13	U	14	14	U
Chloroform	ug/kg	6.5	6.5	U	5	5	U	5.1	5.1	U	5.2	5.2	U	5.8	5.8	U
Chloromethane	ug/kg	16	16	U	12	12	U	13	13	U	13	13	U	14	14	U
cis-1,2-Dichloroethene	ug/kg	16	16	U	12	12	U	13	13	U	13	13	U	14	14	U
cis-1,3-Dichloropropene	ug/kg	16	16	UJ	12	12	U	13	13	U	13	13	U	14	14	U
Dibromochloromethane	ug/kg	6.5	6.5	UJ	5	5	U	5.1	5.1	U	5.2	5.2	U	5.8	5.8	U
Ethylbenzene	ug/kg	16	16	U	12	12	U	13	13	U	13	13	U	14	14	U
m,p-Xylene	ug/kg	16	16	U	12	12	U	13	13	U	13	13	U	14	14	U
Methylene chloride	ug/kg	16	16	U	12	12	U	13	13	U	13	13	U	14	14	U
Methyl-t-butyl ether	ug/kg	16	16	U	12	12	U	13	13	U	13	13	U	14	14	U
o-Xylene	ug/kg	6.5	6.5	U	5	5	U	5.1	5.1	U	5.2	5.2	U	5.8	5.8	U

Table 2: Location 14 Soil Sample Chemical Results

Volatile Organic Compounds	Units	14-A	MDL	Remark	14-A Deep	MDL	Remark	14-B	MDL	Remark	14-C	MDL	Remark	14-D	MDL	Remark
Tetrachloroethene	ug/kg	16	16	U	12	12	U	13	13	U	13	13	U	14	14	U
Toluene	ug/kg	16	16	U	12	12	U	13	13	U	13	13	U	14	14	U
trans-1,2-Dichloroethene	ug/kg	16	16	U	12	12	U	13	13	U	13	13	U	14	14	U
trans-1,3-Dichloropropene	ug/kg	6.5	6.5	UJ	5	5	U	5.1	5.1	U	5.2	5.2	U	5.8	5.8	U
Trichloroethene	ug/kg	6.5	6.5	U	5	5	U	5.1	5.1	U	5.2	5.2	U	5.8	5.8	U
Trichlorofluoromethane	ug/kg	16	16	U	12	12	U	13	13	U	13	13	U	14	14	U
Vinyl chloride	ug/kg	16	16	UJ	12	12	U	13	13	U	13	13	U	14	14	U
Semi-Volatile Organic Compounds	Units	14-A	MDL	Remark	14-A Deep	MDL	Remark	14-B	MDL	Remark	14-C	MDL	Remark	14-D	MDL	Remark
1,2,4-Trichlorobenzene	ug/kg	2.20E+03	2.20E+03	U	200	200	U	210	210	U	2.20E+03	2.20E+03	U	240	240	U
1-Methylnaphthalene	ug/kg	81	81	U	7.6	7.6	U	7.9	7.9	U	80	80	U	8.8	8.8	U
1-Methylphenanthrene	ug/kg	200	81	I	7.6	7.6	U	7.9	7.9	U	80	80	U	8.8	8.8	U
2,3,5-Trimethylnaphthalene	ug/kg	81	81	U	7.6	7.6	U	7.9	7.9	U	80	80	U	8.8	8.8	U
2,4,6-Trichlorophenol	ug/kg	730	730	U	68	68	U	71	71	U	720	720	U	79	79	U
2,4-Dichlorophenol	ug/kg	730	730	U	68	68	U	71	71	U	720	720	U	79	79	U
2,4-Dimethylphenol	ug/kg	4.40E+03	4.40E+03	U	410	410	U	430	430	U	4.30E+03	4.30E+03	U	480	480	U
2,4-Dinitrophenol	ug/kg	4.40E+03	4.40E+03	U	410	410	U	430	430	U	4.30E+03	4.30E+03	U	480	480	U
2,4-Dinitrotoluene	ug/kg	730	730	U	68	68	U	71	71	U	720	720	U	79	79	U
2,6-Dimethylnaphthalene	ug/kg	81	81	U	7.6	7.6	U	7.9	7.9	U	80	80	U	8.8	8.8	U
2,6-Dinitrotoluene	ug/kg	730	730	U	68	68	U	71	71	U	720	720	U	79	79	U
2-Chloronaphthalene	ug/kg	730	730	U	68	68	U	71	71	U	720	720	U	79	79	U
2-Chlorophenol	ug/kg	2.20E+03	2.20E+03	U	200	200	U	210	210	U	2.20E+03	2.20E+03	U	240	240	U
2-Methyl-4,6-dinitrophenol	ug/kg	730	730	U	68	68	U	71	71	U	720	720	U	79	79	U
2-Methylnaphthalene	ug/kg	81	81	U	7.6	7.6	U	7.9	7.9	U	80	80	U	8.8	8.8	U
2-Nitrophenol	ug/kg	730	730	U	68	68	U	71	71	U	720	720	U	79	79	U
3,3'-Dichlorobenzidine	ug/kg	44000	44000	U	4000	4000	U	4300	4300	U	43000	43000	U	4800	4800	U
4-Bromophenyl phenyl ether	ug/kg	730	730	U	68	68	U	71	71	U	720	720	U	79	79	U
4-Chloro-3-methylphenol	ug/kg	730	730	U	68	68	U	71	71	U	720	720	U	79	79	U
4-Chlorophenyl phenyl ether	ug/kg	730	730	U	68	68	U	71	71	U	720	720	U	79	79	U
4-Nitrophenol	ug/kg	730	730	U	68	68	U	71	71	U	720	720	U	79	79	U

Table 2: Location 14 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	14-A	MDL	Remark	14-A Deep	MDL	Remark	14-B	MDL	Remark	14-C	MDL	Remark	14-D	MDL	Remark
Acenaphthene	ug/kg	300	81	I	7.6	7.6	U	7.9	7.9	U	80	80	U	8.8	8.8	U
Acenaphthylene	ug/kg	81	81	U	7.6	7.6	U	7.9	7.9	U	80	80	U	8.8	8.8	U
Anthracene	ug/kg	760	81		7.6	7.6	U	7.9	7.9	U	96	80	I	8.8	8.8	U
Azobenzene/1,2-Diphenylhydrazine	ug/kg	730	730	U	68	68	U	71	71	U	720	720	U	79	79	U
Benzidine	ug/kg	16000	16000	UJ	1500	1500	UJ	1500	1500	UJ	16000	16000	UJ	1700	1700	UJ
Benzo(a)anthracene	ug/kg	2.00E+03	81		20	7.6	I	7.9	7.9	U	240	80	I	8.8	8.8	U
Benzo(a)pyrene	ug/kg	1.90E+03	81		21	7.6	I	7.9	7.9	U	240	80	I	8.8	8.8	U
Benzo(b)fluoranthene	ug/kg	2.60E+03	81		29	7.6	I	7.9	7.9	U	460	80		8.8	8.8	U
Benzo(g,h,i)perylene	ug/kg	880	81		15	7.6	I	7.9	7.9	U	140	80	I	8.8	8.8	U
Benzo(k)fluoranthene	ug/kg	760	81		8.7	7.6	I	7.9	7.9	U	120	80	I	8.8	8.8	U
Biphenyl	ug/kg	81	81	U	7.6	7.6	U	7.9	7.9	U	80	80	U	8.8	8.8	U
Bis(2-chloroethoxy)methane	ug/kg	730	730	U	68	68	U	71	71	U	720	720	U	79	79	U
Bis(2-chloroethyl)ether	ug/kg	730	730	U	68	68	U	71	71	U	720	720	U	79	79	U
Bis(2-chloroisopropyl)ether	ug/kg	730	730	U	68	68	U	71	71	U	720	720	U	79	79	U
Bis(2-ethylhexyl)phthalate	ug/kg	4.40E+03	4.40E+03	UJ	410	410	UQ	430	430	UJ	4.30E+03	4.30E+03	UJ	480	480	UJ
Butyl benzyl phthalate	ug/kg	730	730	U	68	68	U	71	71	U	720	720	U	79	79	U
Chrysene	ug/kg	1.80E+03	81		20	7.6	I	7.9	7.9	U	280	80	I	8.8	8.8	U
Dibenzo(a,h)anthracene	ug/kg	300	81	I	7.6	7.6	U	7.9	7.9	U	80	80	U	8.8	8.8	U
Dibenzothiophene	ug/kg	200	81	I	7.6	7.6	U	7.9	7.9	U	80	80	U	8.8	8.8	U
Diethyl phthalate	ug/kg	730	730	U	68	68	U	71	71	U	720	720	U	79	79	U
Dimethyl phthalate	ug/kg	730	730	U	68	68	U	71	71	U	720	720	U	79	79	U
Di-n-butyl phthalate	ug/kg	4.40E+03	4.40E+03	UQ	410	410	U	430	430	U	4.30E+03	4.30E+03	U	480	480	U
Di-n-octyl phthalate	ug/kg	730	730	U	68	68	U	71	71	U	720	720	U	79	79	U
Fluoranthene	ug/kg	5.20E+03	81		41	7.6		11	7.9	I	460	80		8.8	8.8	U
Fluorene	ug/kg	280	81	I	7.6	7.6	U	7.9	7.9	U	80	80	U	8.8	8.8	U
Hexachlorobenzene	ug/kg	730	730	U	68	68	U	71	71	U	720	720	U	79	79	U
Hexachlorobutadiene	ug/kg	2.20E+03	2.20E+03	U	200	200	U	210	210	U	2.20E+03	2.20E+03	U	240	240	U
Hexachlorocyclopentadiene	ug/kg	730	730	U	68	68	U	71	71	U	720	720	U	79	79	U
Hexachloroethane	ug/kg	2.20E+03	2.20E+03	U	200	200	U	210	210	U	2.20E+03	2.20E+03	U	240	240	U

Table 2: Location 14 Soil Sample Chemical Results

[illegible]

Table 2: Location 14 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	14-A	MDL	Remark	14-A Deep	MDL	Remark	14-B	MDL	Remark	14-C	MDL	Remark	14-D	MDL	Remark
Silvex	ug/kg	7.9	7.9	UJ												
Alachlor	ug/kg	12	12	U	11	11	U	12	12	U	12	12	U	13	13	U
Aldrin	ug/Kg	0.41	0.41	U	0.38	0.38	U	0.4	0.4	U	0.4	0.4	U	0.44	0.44	U
Alpha-BHC	ug/Kg	0.41	0.41	U	0.38	0.38	U	0.4	0.4	U	0.4	0.4	U	0.44	0.44	U
Ametryn	ug/kg	2	2	U	1.9	1.9	U	2	2	U	2	2	U	2.2	2.2	U
Atrazine	ug/kg	2	2	U	1.9	1.9	U	2	2	U	2	2	U	2.6	2.2	I
Azinphos Methyl	ug/kg	6.1	6.1	UJ	5.7	5.7	UJ	5.9	5.9	UJ	6	6	UJ	6.6	6.6	UJ
Beta-BHC	ug/Kg	0.41	0.41	U	0.38	0.38	U	0.4	0.4	U	0.4	0.4	U	0.44	0.44	U
Bromacil	ug/kg	8.1	8.1	U	7.6	7.6	U	7.9	7.9	U	8	8	U	8.8	8.8	U
Chlordane	ug/Kg	110	6.1		5.7	5.7	U	5.9	5.9	U	140	6		6.6	6.6	U
Chlorpyrifos Ethyl	ug/kg	2	2	U	1.9	1.9	U	2	2	U	2	2	U	2.2	2.2	U
Chlorpyrifos Methyl	ug/kg	4.1	4.1	U	3.8	3.8	U	4	4	U	4	4	U	4.4	4.4	U
DDD-p,p'	ug/Kg	0.81	0.81	U	0.76	0.76	U	0.79	0.79	U	1.1	1.1	U	0.88	0.88	U
DDE-p,p'	ug/Kg	1.6	1.6	U	1.1	1.1	U	2.6	0.79	I	13	0.8		4.6	0.88	J
DDT-p,p'	ug/Kg	4.5	1.2	I	1.1	1.1	U	2.4	2.4	U	29	1.2		3.8	3.8	U
Delta-BHC	ug/Kg	0.81	0.81	U	0.76	0.76	U	0.79	0.79	U	0.8	0.8	U	0.88	0.88	U
Diazinon	ug/kg	2	2	U	1.9	1.9	U	2	2	U	2	2	U	2.2	2.2	U
Dieldrin	ug/Kg	4	4	U	0.38	0.38	U	0.64	0.64	U	11	0.4		1.8	0.44	
Endosulfan I	ug/Kg	0.41	0.41	U	0.38	0.38	U	0.4	0.4	U	0.4	0.4	U	0.44	0.44	U
Endosulfan II	ug/Kg	0.41	0.41	U	0.38	0.38	U	0.4	0.4	U	0.4	0.4	U	0.44	0.44	U
Endosulfan Sulfate	ug/Kg	0.81	0.81	U	0.76	0.76	U	1.1	0.79	I	0.91	0.91	U	1.9	0.88	I
Endrin	ug/Kg	2	2	U	1.9	1.9	U	2	2	U	2	2	U	2.2	2.2	U
Endrin Aldehyde	ug/Kg	0.81	0.81	U	0.76	0.76	U	0.79	0.79	U	0.8	0.8	U	0.88	0.88	U
Ethion	ug/kg	2	2	U	1.9	1.9	U	2	2	U	2	2	U	2.2	2.2	U
Ethoprop	ug/kg	2	2	U	1.9	1.9	U	2	2	U	2	2	U	2.2	2.2	U
Fenamiphos	ug/kg	8.1	8.1	U	7.6	7.6	U	7.9	7.9	U	8	8	U	8.8	8.8	U
Fonofos	ug/kg	2	2	U	1.9	1.9	U	2	2	U	2	2	U	2.2	2.2	U
Gamma-BHC	ug/Kg	0.41	0.41	U	0.38	0.38	U	0.4	0.4	U	0.4	0.4	U	0.44	0.44	U
Heptachlor	ug/Kg	0.41	0.41	U	0.38	0.38	U	0.4	0.4	U	0.4	0.4	U	0.44	0.44	U

Table 2: Location 14 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	14-A	MDL	Remark	14-A Deep	MDL	Remark	14-B	MDL	Remark	14-C	MDL	Remark	14-D	MDL	Remark
Heptachlor Epoxide	ug/kg	0.41	0.41	U	0.38	0.38	U	0.4	0.4	U	0.4	0.4	U	0.44	0.44	U
Hexazinone	ug/kg	4.1	4.1	U	3.8	3.8	U	4	4	U	4	4	U	4.4	4.4	U
Malathion	ug/kg	4.1	4.1	U	3.8	3.8	U	4	4	U	4	4	U	4.4	4.4	U
Methamidophos	ug/kg	20	20	U	19	19	U	20	20	U	20	20	U	22	22	U
Methoxychlor	ug/kg	12	12	U	1.9	1.9	U	2	2	U	5.6	5.6	U	2.2	2.2	U
Metolachlor	ug/kg	12	12	U	11	11	U	12	12	U	12	12	U	13	13	U
Metribuzin	ug/kg	4.1	4.1	U	3.8	3.8	U	4	4	U	4	4	U	4.4	4.4	U
Mevinphos	ug/kg	8.1	8.1	U	7.6	7.6	U	7.9	7.9	U	8	8	U	8.8	8.8	U
Monocrotophos	ug/kg	20	20	U	19	19	U	20	20	U	20	20	U	22	22	U
Naled	ug/kg	16	16	U	15	15	U	16	16	U	16	16	U	18	18	U
Norflurazon	ug/kg	4.1	4.1	U	3.8	3.8	U	4	4	U	4	4	U	4.4	4.4	U
Parathion Ethyl	ug/kg	4.1	4.1	U	3.8	3.8	U	4	4	U	4	4	U	4.4	4.4	U
Parathion Methyl	ug/kg	4.1	4.1	U	3.8	3.8	U	4	4	U	4	4	U	4.4	4.4	U
PCB-1016	ug/Kg	12	12	U	11	11	U	12	12	U	12	12	U	13	13	U
PCB-1221	ug/Kg	8.1	8.1	U	7.6	7.6	U	7.9	7.9	U	8	8	U	8.8	8.8	U
PCB-1232	ug/Kg	18	18	U	17	17	U	18	18	U	18	18	U	20	20	U
PCB-1242	ug/Kg	12	12	U	11	11	U	12	12	U	12	12	U	13	13	U
PCB-1248	ug/Kg	8.1	8.1	U	7.6	7.6	U	7.9	7.9	U	8	8	U	8.8	8.8	U
PCB-1254	ug/Kg	8.1	8.1	U	7.6	7.6	U	7.9	7.9	U	8	8	U	8.8	8.8	U
PCB-1260	ug/Kg	12	12	U	11	11	U	12	12	U	12	12	U	13	13	U
Phorate	ug/kg	2	2	U	1.9	1.9	U	2	2	U	2	2	U	2.2	2.2	U
Prometryn	ug/kg	4.1	4.1	U	3.8	3.8	U	4	4	U	4	4	U	4.4	4.4	U
Simazine	ug/kg	2	2	U	1.9	1.9	U	2	2	U	2	2	U	2.2	2.2	U
Toxaphene	ug/Kg	30	30	U	28	28	U	30	30	U	30	30	U	33	33	U
Diquat	mg/Kg	0.05	0.05	U												
Paraquat	mg/Kg	0.062	0.062	U												
Metals	Units	14-A	MDL	Remark	14-A Deep	MDL	Remark	14-B	MDL	Remark	14-C	MDL	Remark	14-D	MDL	Remark
Mercury	mg/Kg	0.033	0.0052		0.015	0.0051	I	0.026	0.0043		0.085	0.0046		0.03	0.0043	
Antimony	mg/Kg	2	0.15		0.14	0.14	U	0.15	0.15	U	0.45	0.15	I	0.16	0.16	U

Table 2: Location 14 Soil Sample Chemical Results

[illegible]

Table 2: Location 14 Soil Sample Chemical Results

Dioxins/Furans	Units	14-A	MDL	Remark	14-A Deep	MDL	Remark	14-B	MDL	Remark	14-C	MDL	Remark	14-D	MDL	Remark
OCDD	ng/Kg	312	5.83	V												
OCDF	ng/Kg	11.8	5.83													
Total Hepta-Dioxins	ng/Kg	51.5	2.92													
Total Hepta-Furans	ng/Kg	8.65	2.92													
Total Hexa-Dioxins	ng/Kg	1.93	2.92	I												
Total Hexa-Furans	ng/Kg	3.3	2.92													
Total Penta-Dioxins	ng/Kg	0.108	2.92	U												
Total Penta-Furans	ng/Kg	0.497	2.92	I												
Total Tetra-Dioxins	ng/Kg	0.0876	1.17	U												
Total Tetra-Furans	ng/Kg	0.248	1.17	I												
Calculated Total Toxicity Equivalents (TEQ)	Units	14-A			14-A Deep			14-B			14-C			14-D		
Dioxins as total 2,3,7,8-TCDD	ng/Kg	0.646														
Total Benzo(a)pyrene	mg/Kg	2.8			0.03						0.4					

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

Table 3: Location 14 Soil Sample Radionuclide Results

Radionuclides	Units	14-A	Remark	14-A Deep	Remark	14-B	Remark	14-C	Remark	14-D	Remark
Actinium-228	pCi/g	0.283	UJ	0.196	U	0.236		0.21	U	0.228	UJ
Actinium-228 Uncertainty	pCi/g	0.217		0.102		0.14		0.117		0.146	
Alpha Uncertainty	pCi/g	4		2.44		1.98		2.73		2.69	
Alpha, Total	pCi/g	13.5		3.46		2.81	U	4.51		4.51	
Americium-241	pCi/g	0.214	U	0.165	U	0.156	U	0.16	U	0.104	U
Americium-241 Uncertainty	pCi/g	0.121		0.0845		0.093		0.0918		0.0567	
Antimony-124	pCi/g	0.247	U	0.16	U	0.111	U	0.136	U	0.215	U
Antimony-124 Uncertainty	pCi/g	0.123		0.101		0.118		0.106		0.103	
Antimony-125	pCi/g	0.129	U	0.0919	U	0.0916	U	0.106	U	0.0918	U
Antimony-125 Uncertainty	pCi/g	0.073		0.0502		0.062		0.0622		0.0503	
Barium-133	pCi/g	0.0531	U	0.0389	U	0.0548	U	0.053	U	0.038	U
Barium-133 Uncertainty	pCi/g	0.0331		0.026		0.0349		0.0349		0.028	
Barium-140	pCi/g	10	U	7.28	U	9.9	U	9.54	U	8.2	U
Barium-140 Uncertainty	pCi/g	5.71		4.4		5.5		5.27		4.5	
Beryllium-7	pCi/g	1.01	U	0.621	U	0.901	U	0.763	U	0.638	U
Beryllium-7 Uncertainty	pCi/g	0.574		0.373		0.506		0.434		0.408	
Beta Uncertainty	pCi/g	2.41		2.24		1.99		1.94		1.94	
Beta, Total	pCi/g	6.61		3.4	U	3.49	U	2.96	U	3.11	U
Bismuth-212	pCi/g	0.671	U	0.57	U	0.56	U	0.51	U	0.541	U
Bismuth-212 Uncertainty	pCi/g	0.505		0.323		0.346		0.311		0.273	
Bismuth-214	pCi/g	1.36		0.444		0.295		0.275		0.329	
Bismuth-214 Uncertainty	pCi/g	0.194		0.0944		0.0927		0.0958		0.0974	
Cerium-139	pCi/g	0.0593	U	0.039	U	0.0468	U	0.0449	U	0.0346	U
Cerium-139 Uncertainty	pCi/g	0.0332		0.0232		0.0261		0.0271		0.0205	
Cerium-141	pCi/g	0.355	U	0.224	U	0.298	U	0.268	U	0.213	U
Cerium-141 Uncertainty	pCi/g	0.193		0.133		0.156		0.157		0.122	
Cerium-144	pCi/g	0.315	U	0.224	U	0.283	U	0.243	U	0.2	U
Cerium-144 Uncertainty	pCi/g	0.185		0.128		0.162		0.144		0.11	

Table 3: Location 14 Soil Sample Radionuclide Results

Radionuclides	Units	14-A	Remark	14-A Deep	Remark	14-B	Remark	14-C	Remark	14-D	Remark
Cesium-134	pCi/g	0.065	U	0.0561	U	0.0456	U	0.0466	U	0.0491	U
Cesium-134 Uncertainty	pCi/g	0.0332		0.0298		0.0251		0.0278		0.0287	
Cesium-136	pCi/g	3.83	U	2.81	U	2.9	U	3.3	U	1.74	U
Cesium-136 Uncertainty	pCi/g	1.95		1.8		1.9		1.81		1.27	
Cesium-137	pCi/g	0.0444	U	0.0353	U	0.0517	U	0.0536	U	0.075	
Cesium-137 Uncertainty	pCi/g	0.0273		0.0204		0.0313		0.0284		0.0342	
Chromium-51	pCi/g	2.34	U	1.71	U	2.03	U	2.36	U	1.62	U
Chromium-51 Uncertainty	pCi/g	1.31		1.01		1.19		1.27		0.979	
Cobalt-56	pCi/g	0.0959	U	0.0742	U	0.0842	U	0.0687	U	0.0706	U
Cobalt-56 Uncertainty	pCi/g	0.0513		0.0411		0.0475		0.0442		0.04	
Cobalt-57	pCi/g	0.0403	U	0.029	U	0.0334	U	0.0316	U	0.0262	U
Cobalt-57 Uncertainty	pCi/g	0.0226		0.0152		0.0204		0.0188		0.0142	
Cobalt-58	pCi/g	0.0817	U	0.0582	U	0.0771	U	0.0767	U	0.0721	U
Cobalt-58 Uncertainty	pCi/g	0.0539		0.0423		0.0468		0.0442		0.0395	
Cobalt-60	pCi/g	0.0496	U	0.0383	U	0.045	U	0.053	U	0.0302	U
Cobalt-60 Uncertainty	pCi/g	0.0278		0.0232		0.0251		0.028		0.021	
Europium-152	pCi/g	0.121	U	0.104	U	0.124	U	0.113	U	0.0917	U
Europium-152 Uncertainty	pCi/g	0.108		0.069		0.0741		0.0665		0.0553	
Europium-154	pCi/g	0.135	U	0.091	U	0.14	U	0.113	U	0.0844	U
Europium-154 Uncertainty	pCi/g	0.0786		0.0588		0.0781		0.0722		0.0598	
Europium-155	pCi/g	0.149	U	0.101	U	0.118	U	0.112	U	0.0899	U
Europium-155 Uncertainty	pCi/g	0.0818		0.0555		0.0667		0.0631		0.0507	
Iridium-192	pCi/g	0.0839	U	0.0665	U	0.0751	U	0.0699	U	0.0606	U
Iridium-192 Uncertainty	pCi/g	0.0478		0.0381		0.0425		0.0444		0.0342	
Iron-59	pCi/g	0.249	U	0.217	U	0.203	U	0.148	U	0.167	U
Iron-59 Uncertainty	pCi/g	0.154		0.137		0.125		0.109		0.112	
Lead-210	pCi/g	5.26	U	4.93	U	4.43	U	4.79	U	2.5	U
Lead-210 Uncertainty	pCi/g	2.84		2.45		2.61		2.87		1.37	

Table 3: Location 14 Soil Sample Radionuclide Results

Radionuclides	Units	14-A	Remark	14-A Deep	Remark	14-B	Remark	14-C	Remark	14-D	Remark
Lead-212	pCi/g	0.408		0.215		0.19		0.0971	U	0.238	
Lead-212 Uncertainty	pCi/g	0.0752		0.0475		0.0641		0.0522		0.0608	
Lead-214	pCi/g	1.58		0.519		0.356		0.377		0.479	
Lead-214 Uncertainty	pCi/g	0.222		0.107		0.133		0.118		0.114	
Manganese-54	pCi/g	0.0552	U	0.0501	U	0.0517	U	0.0546	U	0.0405	U
Manganese-54 Uncertainty	pCi/g	0.0314		0.0257		0.0274		0.0281		0.0204	
Mercury-203	pCi/g	0.133	U	0.109	U	0.113	U	0.117	U	0.0857	U
Mercury-203 Uncertainty	pCi/g	0.0739		0.0574		0.0682		0.068		0.0539	
Neodymium-147	pCi/g	37	U	26.9	U	34.4	U	36.3	U	23.8	U
Neodymium-147 Uncertainty	pCi/g	21.5		16		20.1		19.5		14	
Neptunium-239	pCi/g	0.566	U	0.372	U	0.478	U	0.38	U	0.313	U
Neptunium-239 Uncertainty	pCi/g	0.324		0.209		0.276		0.23		0.184	
Niobium-94	pCi/g	0.0432	U	0.0362	U	0.0359	U	0.0387	U	0.0334	U
Niobium-94 Uncertainty	pCi/g	0.0244		0.0203		0.0222		0.024		0.0182	
Niobium-95	pCi/g	0.133	U	0.0845	U	0.0935	U	0.101	U	0.0972	U
Niobium-95 Uncertainty	pCi/g	0.072		0.0489		0.0594		0.0609		0.0502	
Potassium-40	pCi/g	2.3		0.579		0.671	U	0.953		0.772	U
Potassium-40 Uncertainty	pCi/g	0.584		0.401		0.344		0.395		0.389	
Promethium-144	pCi/g	0.0517	U	0.0394	U	0.0491	U	0.0515	U	0.0363	U
Promethium-144 Uncertainty	pCi/g	0.03		0.0229		0.0271		0.0277		0.0225	
Promethium-146	pCi/g	0.0549	U	0.0449	U	0.0485	U	0.0545	U	0.0405	U
Promethium-146 Uncertainty	pCi/g	0.0306		0.0234		0.0303		0.0308		0.0222	
Radium-228	pCi/g	0.283	U	0.196	U	0.236		0.21	U	0.228	U
Radium-228 Uncertainty	pCi/g	0.217		0.102		0.14		0.117		0.146	
Ruthenium-106	pCi/g	0.398	U	0.419	U	0.379	U	0.443	U	0.372	U
Ruthenium-106 Uncertainty	pCi/g	0.247		0.226		0.224		0.252		0.208	
Silver-110m	pCi/g	0.0679	U	0.0674	U	0.0565	U	0.0646	U	0.0647	U
Silver-110m Uncertainty	pCi/g	0.039		0.039		0.0407		0.0409		0.0354	

Table 3: Location 14 Soil Sample Radionuclide Results

Radionuclides	Units	14-A	Remark	14-A Deep	Remark	14-B	Remark	14-C	Remark	14-D	Remark
Sodium-22	pCi/g	0.0489	U	0.0335	U	0.0511	U	0.0411	U	0.0308	U
Sodium-22 Uncertainty	pCi/g	0.0286		0.0215		0.0285		0.0269		0.0218	
Thallium-208	pCi/g	0.132		0.0534		0.093		0.0578		0.0723	
Thallium-208 Uncertainty	pCi/g	0.0537		0.0306		0.0432		0.0426		0.036	
Thorium-234	pCi/g	1.97	U	1.55	U	1.63	U	1.55	U	1.17	U
Thorium-234 Uncertainty	pCi/g	1.07		0.82		0.897		0.846		0.638	
Tin-113	pCi/g	0.0821	U	0.0686	U	0.0752	U	0.076	U	0.0542	U
Tin-113 Uncertainty	pCi/g	0.0497		0.0396		0.0443		0.0451		0.0337	
Uranium-235	pCi/g	0.297	U	0.194	U	0.242	U	0.235	U	0.196	U
Uranium-235 Uncertainty	pCi/g	0.168		0.11		0.137		0.135		0.112	
Uranium-238	pCi/g	1.97	U	1.55	U	1.63	U	1.55	U	1.17	U
Uranium-238 Uncertainty	pCi/g	1.07		0.82		0.897		0.846		0.638	
Yttrium-88	pCi/g	0.0714	U	0.0669	U	0.0575	U	0.0528	U	0.0543	U
Yttrium-88 Uncertainty	pCi/g	0.041		0.0355		0.035		0.0413		0.026	
Zinc-65	pCi/g	0.117	U	0.0994	U	0.0902	U	0.102	U	0.0711	U
Zinc-65 Uncertainty	pCi/g	0.0756		0.0687		0.0849		0.0702		0.0505	
Zirconium-95	pCi/g	0.168	U	0.126	U	0.153	U	0.155	U	0.131	U
Zirconium-95 Uncertainty	pCi/g	0.0952		0.0743		0.0882		0.0828		0.071	

Location 15

Table 1: Summary of Residential SCTL Exceedances in Soil Samples Collected from Location 15
March/April 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation

Analyte	Residential SCTL	15-A	15-A Deep	15-B	15-C	15-D
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 15 Soil Sample Chemical Results

Volatile Organic Compounds	Units	15-A	MDL	Remark	15-A Deep	MDL	Remark	15-B	MDL	Remark	15-C	MDL	Remark	15-D	MDL	Remark
1,1,1-Trichloroethane	ug/kg	6	6	U	5	5	U	6.7	6.7	U	5.4	5.4	U	6.1	6.1	U
1,1,2,2-Tetrachloroethane	ug/kg	15	15	UJ	13	13	UJ	17	17	UJ	13	13	UJ	15	15	UJ
1,1,2-Trichloroethane	ug/kg	6	6	U	5	5	U	6.7	6.7	U	5.4	5.4	U	6.1	6.1	U
1,1-Dichloroethane	ug/kg	6	6	U	5	5	U	6.7	6.7	U	5.4	5.4	U	6.1	6.1	U
1,1-Dichloroethene	ug/kg	15	15	U	13	13	U	17	17	U	13	13	U	15	15	U
1,2-Dichlorobenzene	ug/kg	15	15	U	13	13	U	17	17	U	13	13	U	15	15	U
1,2-Dichloroethane	ug/kg	6	6	U	5	5	U	6.7	6.7	U	5.4	5.4	U	6.1	6.1	U
1,2-Dichloropropane	ug/kg	15	15	U	13	13	U	17	17	U	13	13	U	15	15	U
1,3-Dichlorobenzene	ug/kg	15	15	U	13	13	U	17	17	U	13	13	U	15	15	U
1,4-Dichlorobenzene	ug/kg	15	15	U	13	13	U	17	17	U	13	13	U	15	15	U
2-Butanone	ug/kg	150	150	U	130	130	U	170	170	U	130	130	U	150	150	U
2-Chloroethylvinyl ether	ug/kg	15	15	U	13	13	U	17	17	U	13	13	U	15	15	U
Benzene	ug/kg	6	6	U	5	5	U	6.7	6.7	U	5.4	5.4	U	6.1	6.1	U
Bromodichloromethane	ug/kg	6	6	U	5	5	UJ	6.7	6.7	UJ	5.4	5.4	U	6.1	6.1	U
Bromoform	ug/kg	15	15	U	13	13	UJ	17	17	UJ	13	13	UJ	15	15	U
Bromomethane	ug/kg	15	15	U	13	13	UJ	17	17	UJ	13	13	U	15	15	U
Carbon tetrachloride	ug/kg	6	6	U	5	5	UJ	6.7	6.7	U	5.4	5.4	U	6.1	6.1	U
Chlorobenzene	ug/kg	6	6	U	5	5	U	6.7	6.7	U	5.4	5.4	U	6.1	6.1	U
Chloroethane	ug/kg	15	15	U	13	13	UJ	17	17	UJ	13	13	U	15	15	U
Chloroform	ug/kg	6	6	U	5	5	U	6.7	6.7	U	5.4	5.4	U	6.1	6.1	U
Chloromethane	ug/kg	15	15	U	13	13	U	17	17	U	13	13	U	15	15	U
cis-1,2-Dichloroethene	ug/kg	15	15	U	13	13	U	17	17	U	13	13	U	15	15	U
cis-1,3-Dichloropropene	ug/kg	15	15	UJ	13	13	UJ	17	17	UJ	13	13	U	15	15	UJ
Dibromochloromethane	ug/kg	6	6	U	5	5	UJ	6.7	6.7	UJ	5.4	5.4	U	6.1	6.1	U
Ethylbenzene	ug/kg	15	15	U	13	13	U	17	17	U	13	13	U	15	15	U
m,p-Xylene	ug/kg	15	15	U	13	13	U	17	17	U	13	13	U	15	15	U
Methylene chloride	ug/kg	15	15	U	13	13	U	17	17	U	13	13	U	15	15	U
Methyl-t-butyl ether	ug/kg	15	15	U	13	13	U	17	17	U	13	13	U	15	15	U
o-Xylene	ug/kg	6	6	U	5	5	U	6.7	6.7	U	5.4	5.4	U	6.1	6.1	U

Table 2: Location 15 Soil Sample Chemical Results

Volatile Organic Compounds	Units	15-A	MDL	Remark	15-A Deep	MDL	Remark	15-B	MDL	Remark	15-C	MDL	Remark	15-D	MDL	Remark
Tetrachloroethene	ug/kg	15	15	U	13	13	U	17	17	U	13	13	U	15	15	U
Toluene	ug/kg	15	15	U	13	13	U	17	17	U	13	13	U	15	15	U
trans-1,2-Dichloroethene	ug/kg	15	15	U	13	13	U	17	17	U	13	13	U	15	15	U
trans-1,3-Dichloropropene	ug/kg	6	6	U	5	5	UJ	6.7	6.7	UJ	5.4	5.4	U	6.1	6.1	U
Trichloroethene	ug/kg	6	6	U	5	5	U	6.7	6.7	U	5.4	5.4	U	6.1	6.1	U
Trichlorofluoromethane	ug/kg	15	15	U	13	13	U	17	17	U	13	13	U	15	15	U
Vinyl chloride	ug/kg	15	15	U	13	13	U	17	17	U	13	13	U	15	15	U
Semi-Volatile Organic Compounds	Units	15-A	MDL	Remark	15-A Deep	MDL	Remark	15-B	MDL	Remark	15-C	MDL	Remark	15-D	MDL	Remark
1,2,4-Trichlorobenzene	ug/kg	300	300	U	220	220	U	320	320	U	250	250	U	270	270	U
1-Methylnaphthalene	ug/kg	11	11	U	8.3	8.3	U	12	12	U	9.3	9.3	U	10	10	UQ
1-Methylphenanthrene	ug/kg	11	11	U	8.3	8.3	U	12	12	U	9.3	9.3	U	10	10	UJ
2,3,5-Trimethylnaphthalene	ug/kg	11	11	U	8.3	8.3	U	12	12	U	9.3	9.3	U	10	10	UQ
2,4,6-Trichlorophenol	ug/kg	100	100	U	74	74	U	110	110	U	83	83	U	90	90	U
2,4-Dichlorophenol	ug/kg	100	100	U	74	74	U	110	110	U	83	83	U	90	90	U
2,4-Dimethylphenol	ug/kg	600	600	U	450	450	U	640	640	U	500	500	U	540	540	U
2,4-Dinitrophenol	ug/kg	600	600	U	450	450	U	640	640	U	500	500	U	540	540	U
2,4-Dinitrotoluene	ug/kg	100	100	U	74	74	U	110	110	U	83	83	U	90	90	U
2,6-Dimethylnaphthalene	ug/kg	11	11	U	8.3	8.3	U	12	12	U	9.3	9.3	UJQ	10	10	UQ
2,6-Dinitrotoluene	ug/kg	100	100	U	74	74	U	110	110	U	83	83	U	90	90	U
2-Chloronaphthalene	ug/kg	100	100	U	74	74	U	110	110	U	83	83	U	90	90	U
2-Chlorophenol	ug/kg	300	300	U	220	220	U	320	320	U	250	250	U	270	270	U
2-Methyl-4,6-dinitrophenol	ug/kg	100	100	UJ	74	74	UJ	110	110	UJ	83	83	U	90	90	UJ
2-Methylnaphthalene	ug/Kg	11	11	U	8.3	8.3	U	12	12	U	9.3	9.3	UJQ	10	10	UQ
2-Nitrophenol	ug/kg	100	100	U	74	74	U	110	110	U	83	83	U	90	90	U
3,3'-Dichlorobenzidine	ug/kg	6000	6000	U	4500	4500	U	6400	6400	U	5000	5000	U	5400	5400	UJ
4-Bromophenyl phenyl ether	ug/kg	100	100	U	74	74	U	110	110	U	83	83	U	90	90	UJ
4-Chloro-3-methylphenol	ug/kg	100	100	U	74	74	U	110	110	U	83	83	U	90	90	U
4-Chlorophenyl phenyl ether	ug/kg	100	100	U	74	74	U	110	110	U	83	83	U	90	90	U
4-Nitrophenol	ug/kg	100	100	U	74	74	U	110	110	U	83	83	U	90	90	U

Table 2: Location 15 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	15-A	MDL	Remark	15-A Deep	MDL	Remark	15-B	MDL	Remark	15-C	MDL	Remark	15-D	MDL	Remark
Acenaphthene	ug/kg	11	11	U	8.3	8.3	U	12	12	U	9.3	9.3	U	10	10	U
Acenaphthylene	ug/kg	11	11	U	8.3	8.3	U	12	12	U	9.3	9.3	U	10	10	U
Anthracene	ug/kg	11	11	U	8.3	8.3	U	12	12	U	9.3	9.3	U	10	10	UJ
Azobenzene/1,2-Diphenylhydrazine	ug/kg	100	100	U	74	74	U	110	110	U	83	83	U	90	90	UJ
Benzidine	ug/kg	2200	2200	U	1600	1600	U	2200	2200	U	1800	1800	UJ	1900	1900	UJ
Benzo(a)anthracene	ug/kg	23	11	I	8.3	8.3	U	12	12	U	19	9.3	I	10	10	UJ
Benzo(a)pyrene	ug/kg	28	11	I	8.3	8.3	U	12	12	I	24	9.3	I	10	10	UJ
Benzo(b)fluoranthene	ug/kg	11	11	U	8.3	8.3	U	12	12	U	43	9.3		10	10	UJ
Benzo(g,h,i)perylene	ug/kg	11	11	UQ	8.3	8.3	U	12	12	U	20	9.3	I	10	10	UJ
Benzo(k)fluoranthene	ug/kg	11	11	U	8.3	8.3	U	12	12	U	12	9.3	I	10	10	UJ
Biphenyl	ug/kg	11	11	U	8.3	8.3	U	12	12	U	9.3	9.3	U	10	10	UQ
Bis(2-chloroethoxy)methane	ug/kg	100	100	U	74	74	U	110	110	U	83	83	U	90	90	U
Bis(2-chloroethyl)ether	ug/kg	100	100	U	74	74	U	110	110	U	83	83	U	90	90	U
Bis(2-chloroisopropyl)ether	ug/kg	100	100	U	74	74	U	110	110	U	83	83	U	90	90	U
Bis(2-ethylhexyl)phthalate	ug/kg	600	600	UJ	450	450	UJ	640	640	UJ	500	500	UQ	540	540	IQ
Butyl benzyl phthalate	ug/kg	100	100	U	74	74	U	110	110	U	83	83	U	90	90	UQ
Chrysene	ug/kg	28	11	I	8.3	8.3	U	12	12	I	26	9.3	I	10	10	UJ
Dibenzo(a,h)anthracene	ug/kg	11	11	U	8.3	8.3	U	12	12	U	9.3	9.3	U	10	10	UJ
Dibenzothiophene	ug/kg	11	11	U	8.3	8.3	U	12	12	U	9.3	9.3	U	10	10	UJ
Diethyl phthalate	ug/kg	100	100	U	74	74	U	110	110	U	83	83	U	90	90	U
Dimethyl phthalate	ug/kg	100	100	U	74	74	U	110	110	U	83	83	U	90	90	U
Di-n-butyl phthalate	ug/kg	600	600	UJ	450	450	UJ	640	640	UJ	500	500	U	540	540	UJ
Di-n-octyl phthalate	ug/kg	100	100	UJ	74	74	UJ	110	110	UJ	83	83	U	90	90	UJ
Fluoranthene	ug/kg	48	11		8.7	8.3	I	12	12	U	33	9.3	I	21	10	IJ
Fluorene	ug/kg	11	11	U	8.3	8.3	U	12	12	U	9.3	9.3	U	10	10	UQ
Hexachlorobenzene	ug/kg	100	100	U	74	74	U	110	110	U	83	83	U	90	90	UJ
Hexachlorobutadiene	ug/kg	300	300	U	220	220	U	320	320	U	250	250	U	270	270	U
Hexachlorocyclopentadiene	ug/kg	100	100	U	74	74	U	110	110	U	83	83	U	90	90	U
Hexachloroethane	ug/kg	300	300	U	220	220	U	320	320	U	250	250	U	270	270	U

Table 2: Location 15 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	15-A	MDL	Remark	15-A Deep	MDL	Remark	15-B	MDL	Remark	15-C	MDL	Remark	15-D	MDL	Remark
Indeno(1,2,3-cd)pyrene	ug/kg	13	11	I	8.3	8.3	U	12	12	U	23	9.3	I	10	10	UJ
Isophorone	ug/kg	100	100	U	74	74	U	110	110	U	83	83	U	90	90	U
Naphthalene	ug/kg	11	11	U	8.3	8.3	U	12	12	U	9.3	9.3	U	10	10	UQ
Nitrobenzene	ug/kg	100	100	U	74	74	U	110	110	U	83	83	U	90	90	U
N-Nitrosodimethylamine	ug/kg	600	600	U	450	450	U	640	640	U	500	500	U	540	540	U
N-Nitrosodi-n-propylamine	ug/kg	100	100	U	74	74	U	110	110	U	83	83	U	90	90	U
N-Nitrosodiphenylamine/ Diphenylamine	ug/kg	100	100	U	74	74	U	110	110	U	83	83	U	90	90	UJ
Pentachlorophenol	ug/kg	100	100	U	74	74	U	110	110	U	83	83	U	90	90	U
Phenanthrene	ug/kg	20	11	I	8.3	8.3	U	12	12	U	9.3	9.3	U	53	10	J
Phenol	ug/kg	100	100	U	74	74	U	110	110	U	83	83	U	90	90	U
Pyrene	ug/kg	43	11	I	9.1	8.3	I	16	12	I	28	9.3	I	44	10	J
TRPH	mg/kg	140	17		58	13		76	18		72	14		45	16	I
Pesticides/Herbicides/PCBs	Units	15-A	MDL	Remark	15-A Deep	MDL	Remark	15-B	MDL	Remark	15-C	MDL	Remark	15-D	MDL	Remark
2,4,5-T	ug/kg										9	9	U			
2,4-D	ug/kg										9	9	U			
3-Hydroxycarbofuran	ug/kg										0.69	0.69	UJ			
Acifluorfen	ug/kg										9	9	U			
Aldicarb	ug/kg										0.69	0.69	UJ			
Aldicarb Sulfone	ug/kg										0.69	0.69	UJ			
Aldicarb Sulfoxide	ug/kg										0.69	0.69	UJ			
Carbaryl	ug/kg										0.69	0.69	UJ			
Carbofuran	ug/kg										0.69	0.69	UJ			
Diuron	ug/kg										8.3	8.3	U			
Imidacloprid	ug/kg										8.3	8.3	U			
Linuron	ug/kg										8.3	8.3	U			
Methiocarb	ug/kg										0.69	0.69	UJ			
Methomyl	ug/kg										0.69	0.69	UJ			
Oxamyl	ug/kg										0.69	0.69	UJ			
Propoxur	ug/kg										0.69	0.69	UJ			

Table 2: Location 15 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	15-A	MDL	Remark	15-A Deep	MDL	Remark	15-B	MDL	Remark	15-C	MDL	Remark	15-D	MDL	Remark
Silvex	ug/kg										9	9	U			
Alachlor	ug/kg	17	17	U	12	12	U	18	18	U	14	14	U	15	15	U
Aldrin	ug/Kg	0.56	0.56	U	0.41	0.41	U	0.59	0.59	U	0.46	0.46	U	0.5	0.5	U
Alpha-BHC	ug/Kg	0.56	0.56	U	0.41	0.41	U	0.59	0.59	U	0.46	0.46	U	0.5	0.5	U
Ametryn	ug/kg	2.8	2.8	U	2.1	2.1	U	2.9	2.9	U	2.3	2.3	U	2.5	2.5	U
Atrazine	ug/kg	2.8	2.8	U	2.1	2.1	U	2.9	2.9	U	2.3	2.3	U	2.5	2.5	U
Azinphos Methyl	ug/kg	8.4	8.4	U	6.2	6.2	U	8.8	8.8	U	6.9	6.9	U	7.5	7.5	U
Beta-BHC	ug/Kg	0.56	0.56	U	0.41	0.41	U	0.59	0.59	U	0.46	0.46	U	0.5	0.5	U
Bromacil	ug/kg	11	11	U	8.3	8.3	U	12	12	U	9.3	9.3	U	10	10	U
Chlordane	ug/Kg	8.4	8.4	U	6.2	6.2	U	100	8.8		6.9	6.9	U	7.5	7.5	U
Chlorpyrifos Ethyl	ug/kg	2.8	2.8	U	2.1	2.1	U	2.9	2.9	U	2.3	2.3	U	2.5	2.5	U
Chlorpyrifos Methyl	ug/kg	5.6	5.6	U	4.1	4.1	U	5.9	5.9	U	4.6	4.6	U	5	5	U
DDD-p,p'	ug/Kg	1.1	1.1	U	0.83	0.83	U	1.2	1.2	U	0.93	0.93	U	1	1	U
DDE-p,p'	ug/Kg	1.1	1.1	U	0.83	0.83	U	1.2	1.2	U	0.93	0.93	U	1	1	U
DDT-p,p'	ug/Kg	1.7	1.7	U	1.2	1.2	U	1.8	1.8	U	1.4	1.4	U	1.5	1.5	U
Delta-BHC	ug/Kg	1.1	1.1	U	0.83	0.83	U	1.2	1.2	U	0.93	0.93	U	1	1	U
Diazinon	ug/kg	2.8	2.8	U	2.1	2.1	U	2.9	2.9	U	2.3	2.3	U	2.5	2.5	U
Dieldrin	ug/Kg	0.56	0.56	U	0.41	0.41	U	0.59	0.59	U	0.46	0.46	U	0.5	0.5	U
Endosulfan I	ug/Kg	0.56	0.56	U	0.41	0.41	U	0.59	0.59	U	0.46	0.46	U	0.5	0.5	U
Endosulfan II	ug/Kg	0.56	0.56	U	0.41	0.41	U	0.59	0.59	U	0.46	0.46	U	0.5	0.5	U
Endosulfan Sulfate	ug/Kg	2.2	2.2	U	0.83	0.83	U	3.2	3.2	U	0.93	0.93	U	1	1	U
Endrin	ug/Kg	2.8	2.8	U	2.1	2.1	U	2.9	2.9	U	2.3	2.3	U	2.5	2.5	U
Endrin Aldehyde	ug/Kg	1.1	1.1	U	0.83	0.83	U	1.2	1.2	U	0.93	0.93	U	1	1	U
Ethion	ug/kg	2.8	2.8	U	2.1	2.1	U	2.9	2.9	U	2.3	2.3	U	2.5	2.5	U
Ethoprop	ug/kg	2.8	2.8	U	2.1	2.1	U	2.9	2.9	U	2.3	2.3	U	2.5	2.5	U
Fenamiphos	ug/kg	11	11	U	8.3	8.3	U	12	12	U	9.3	9.3	U	10	10	U
Fonofos	ug/kg	2.8	2.8	U	2.1	2.1	U	2.9	2.9	U	2.3	2.3	U	2.5	2.5	U
Gamma-BHC	ug/Kg	0.56	0.56	U	0.41	0.41	U	0.59	0.59	U	0.46	0.46	U	0.5	0.5	U
Heptachlor	ug/Kg	0.56	0.56	U	0.41	0.41	U	0.59	0.59	U	0.46	0.46	U	0.5	0.5	U

Table 2: Location 15 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	15-A	MDL	Remark	15-A Deep	MDL	Remark	15-B	MDL	Remark	15-C	MDL	Remark	15-D	MDL	Remark
Heptachlor Epoxide	ug/kg	0.56	0.56	U	0.41	0.41	U	0.59	0.59	U	0.46	0.46	U	0.5	0.5	U
Hexazinone	ug/kg	5.6	5.6	U	4.1	4.1	U	5.9	5.9	U	4.6	4.6	U	5	5	U
Malathion	ug/kg	5.6	5.6	U	4.1	4.1	U	5.9	5.9	U	4.6	4.6	U	5	5	U
Methamidophos	ug/kg	28	28	U	21	21	U	29	29	U	23	23	U	25	25	U
Methoxychlor	ug/kg	2.8	2.8	U	2.1	2.1	U	2.9	2.9	U	2.3	2.3	U	2.5	2.5	U
Metolachlor	ug/kg	17	17	U	12	12	U	18	18	U	14	14	U	15	15	U
Metribuzin	ug/kg	5.6	5.6	U	4.1	4.1	U	5.9	5.9	U	4.6	4.6	U	5	5	U
Mevinphos	ug/kg	11	11	U	8.3	8.3	U	12	12	U	9.3	9.3	U	10	10	U
Monocrotophos	ug/kg	28	28	UJ	21	21	UJ	29	29	UJ	23	23	U	25	25	UJ
Naled	ug/kg	22	22	U	17	17	U	24	24	U	19	19	U	20	20	U
Norflurazon	ug/kg	5.6	5.6	U	4.1	4.1	U	5.9	5.9	U	4.6	4.6	U	5	5	U
Parathion Ethyl	ug/kg	5.6	5.6	U	4.1	4.1	U	5.9	5.9	U	4.6	4.6	U	5	5	U
Parathion Methyl	ug/kg	5.6	5.6	U	4.1	4.1	U	5.9	5.9	U	4.6	4.6	U	5	5	U
PCB-1016	ug/Kg	17	17	U	12	12	U	18	18	U	14	14	U	15	15	U
PCB-1221	ug/Kg	11	11	U	8.3	8.3	U	12	12	U	9.3	9.3	U	10	10	U
PCB-1232	ug/Kg	25	25	U	19	19	U	26	26	U	21	21	U	22	22	U
PCB-1242	ug/Kg	17	17	U	12	12	U	18	18	U	14	14	U	15	15	U
PCB-1248	ug/Kg	11	11	U	8.3	8.3	U	12	12	U	9.3	9.3	U	10	10	U
PCB-1254	ug/Kg	11	11	U	8.3	8.3	U	12	12	U	9.3	9.3	U	10	10	U
PCB-1260	ug/Kg	17	17	U	12	12	U	18	18	U	14	14	U	15	15	U
Phorate	ug/kg	2.8	2.8	U	2.1	2.1	U	2.9	2.9	U	2.3	2.3	U	2.5	2.5	U
Prometryn	ug/kg	5.6	5.6	U	4.1	4.1	U	5.9	5.9	U	4.6	4.6	U	5	5	U
Simazine	ug/kg	2.8	2.8	U	2.1	2.1	U	2.9	2.9	U	2.3	2.3	U	2.5	2.5	U
Toxaphene	ug/Kg	42	42	U	31	31	U	44	44	U	35	35	U	37	37	U
Diquat	mg/Kg										0.054	0.054	U			
Paraquat	mg/Kg										0.068	0.068	U			
Metals	Units	15-A	MDL	Remark	15-A Deep	MDL	Remark	15-B	MDL	Remark	15-C	MDL	Remark	15-D	MDL	Remark
Mercury	mg/Kg	0.04	0.0046		0.023	0.0043		0.06	0.0085		0.069	0.0067		0.023	0.0042	
Antimony	mg/Kg	0.24	0.24	U	0.24	0.24	U	0.24	0.24	U	0.17	0.17	U	0.25	0.25	U

Table 2: Location 15 Soil Sample Chemical Results

Metals	Units	15-A	MDL	Remark	15-A Deep	MDL	Remark	15-B	MDL	Remark	15-C	MDL	Remark	15-D	MDL	Remark
Arsenic	mg/Kg	0.71	0.097		1.7	0.097		0.69	0.095		0.75	0.069		0.41	0.1	
Barium	mg/Kg	9.14	0.097		4.86	0.097		13.5	0.095		23.3	0.069		9.94	0.1	
Beryllium	mg/Kg	0.046	0.039	I	0.054	0.039	I	0.047	0.038	I	0.18	0.028		0.042	0.04	I
Cadmium	mg/Kg	0.078	0.048	I	0.055	0.049	I	0.061	0.048	I	0.085	0.034	I	0.05	0.05	U
Chromium	mg/Kg	4.61	0.24		4.17	0.24		3.65	0.24		5.66	0.17		2.04	0.25	
Cobalt	mg/Kg	0.262	0.019		0.219	0.019		0.286	0.019		0.658	0.014		0.185	0.02	
Copper	mg/Kg	5.69	0.24		3.65	0.24		9.66	0.24		15.8	0.17		5.11	0.25	
Lead	mg/Kg	7.9	0.36		4.1	0.37		5	0.36		3.4	0.26		4.4	0.37	
Nickel	mg/Kg	1.35	0.24		1.03	0.24		1.16	0.24		2.53	0.17		0.9	0.25	I
Selenium	mg/Kg	1.55	0.14		0.93	0.15		1.32	0.14		0.64	0.1		0.55	0.15	I
Silver	mg/Kg	0.013	0.012	I	0.032	0.012	I	0.013	0.012	I	0.271	0.0086		0.012	0.012	U
Thallium	mg/Kg	0.048	0.048	U	0.049	0.049	U	0.048	0.048	U	0.057	0.034	I	0.05	0.05	U
Zinc	mg/Kg	12	1.9		4.9	1.9	I	11.5	1.9		21.2	1.4		9.4	2	
Dioxins/Furans	Units	15-A	MDL	Remark	15-A Deep	MDL	Remark	15-B	MDL	Remark	15-C	MDL	Remark	15-D	MDL	Remark
1,2,3,4,6,7,8-HpCDD	ng/Kg										6.75	3.73				
1,2,3,4,6,7,8-HpCDF	ng/Kg										0.772	3.73	I			
1,2,3,4,7,8,9-HpCDF	ng/Kg										0.217	3.73	U			
1,2,3,4,7,8-HxCDD	ng/Kg										0.176	3.73	U			
1,2,3,4,7,8-HxCDF	ng/Kg										0.106	3.73	U			
1,2,3,6,7,8-HxCDD	ng/Kg										0.258	3.73	I			
1,2,3,6,7,8-HxCDF	ng/Kg										0.102	3.73	U			
1,2,3,7,8,9-HxCDD	ng/Kg										0.17	3.73	U			
1,2,3,7,8,9-HxCDF	ng/Kg										0.133	3.73	U			
1,2,3,7,8-PeCDD	ng/Kg										0.0703	3.73	U			
1,2,3,7,8-PeCDF	ng/Kg										0.0751	3.73	U			
2,3,4,6,7,8-HxCDF	ng/Kg										0.114	3.73	U			
2,3,4,7,8-PeCDF	ng/Kg										0.0744	3.73	U			
2,3,7,8-TCDD	ng/Kg										0.053	1.49	U			
2,3,7,8-TCDF	ng/Kg										0.0496	1.49	U			

Table 2: Location 15 Soil Sample Chemical Results

Dioxins/Furans	Units	15-A	MDL	Remark	15-A Deep	MDL	Remark	15-B	MDL	Remark	15-C	MDL	Remark	15-D	MDL	Remark
OCDD	ng/Kg										44.5	7.46	V			
OCDF	ng/Kg										1.67	7.46	I			
Total Hepta-Dioxins	ng/Kg										20.7	3.73				
Total Hepta-Furans	ng/Kg										1.83	3.73	I			
Total Hexa-Dioxins	ng/Kg										1.89	3.73	I			
Total Hexa-Furans	ng/Kg										0.391	3.73	I			
Total Penta-Dioxins	ng/Kg										3.82	3.73				
Total Penta-Furans	ng/Kg										0.409	3.73	I			
Total Tetra-Dioxins	ng/Kg										1.67	1.49				
Total Tetra-Furans	ng/Kg										1.34	1.49	I			
Calculated Total Toxicity Equivalents (TEQ)	Units	15-A			15-A Deep			15-B			15-C			15-D		
Dioxins as total 2,3,7,8-TCDD	ng/Kg										0.231					
Total Benzo(a)pyrene	mg/Kg	0.04						0.02			0.04					

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

Table 3: Location 15 Soil Sample Radionuclide Results

Radionuclides	Units	15-A	Remark	15-A Deep	Remark	15-B	Remark	15-C	Remark	15-D	Remark
Actinium-228	pCi/g	0.195	U	0.167	U	0.183	U	0.234	U	0.182	U
Actinium-228 Uncertainty	pCi/g	0.12		0.127		0.101		0.139		0.108	
Alpha Uncertainty	pCi/g	2		2.25		2.13		1.93		1.95	
Alpha, Total	pCi/g	3.16	U	3	U	2.81		2.91	U	2.7	U
Americium-241	pCi/g	0.318	U	0.165	U	0.169	U	0.185	U	0.12	U
Americium-241 Uncertainty	pCi/g	0.187		0.0903		0.094		0.106		0.0654	
Antimony-124	pCi/g	0.196	U	0.153	U	0.17	U	0.212	U	0.166	U
Antimony-124 Uncertainty	pCi/g	0.128		0.0756		0.147		0.104		0.099	
Antimony-125	pCi/g	0.134	U	0.0743	U	0.121	U	0.118	U	0.0975	U
Antimony-125 Uncertainty	pCi/g	0.0811		0.0424		0.0668		0.0677		0.0588	
Barium-133	pCi/g	0.0628	U	0.0341	U	0.0419	U	0.0518	U	0.0447	U
Barium-133 Uncertainty	pCi/g	0.0441		0.0239		0.0362		0.0354		0.0285	
Barium-140	pCi/g	11.3	U	6.32	U	10.8	U	10.1	U	8.43	U
Barium-140 Uncertainty	pCi/g	7.26		3.93		6.05		5.51		4.74	
Beryllium-7	pCi/g	1.09	U	0.596	U	0.832	U	0.794	U	0.681	U
Beryllium-7 Uncertainty	pCi/g	0.632		0.326		0.497		0.464		0.436	
Beta Uncertainty	pCi/g	1.68		1.73		2.04		1.68		1.8	
Beta, Total	pCi/g	3.25	U	3.06	U	3.32		3.26	U	3.47	U
Bismuth-212	pCi/g	0.73	U	0.482	U	0.652	U	0.607	U	0.461	U
Bismuth-212 Uncertainty	pCi/g	0.447		0.25		0.357		0.375		0.289	
Bismuth-214	pCi/g	0.169	U	0.111	UJ	0.129	UJ	0.277		0.106	U
Bismuth-214 Uncertainty	pCi/g	0.123		0.0778		0.0887		0.118		0.0648	
Cerium-139	pCi/g	0.0582	U	0.0293	U	0.0433	U	0.0423	U	0.042	U
Cerium-139 Uncertainty	pCi/g	0.0351		0.0174		0.0264		0.0276		0.0238	
Cerium-141	pCi/g	0.363	U	0.214	U	0.259	U	0.267	U	0.242	U
Cerium-141 Uncertainty	pCi/g	0.226		0.12		0.159		0.16		0.132	
Cerium-144	pCi/g	0.325	U	0.185	U	0.248	U	0.247	U	0.223	U
Cerium-144 Uncertainty	pCi/g	0.192		0.105		0.14		0.146		0.125	

Table 3: Location 15 Soil Sample Radionuclide Results

Radionuclides	Units	15-A	Remark	15-A Deep	Remark	15-B	Remark	15-C	Remark	15-D	Remark
Cesium-134	pCi/g	0.062	U	0.0389	U	0.0589	U	0.0536	U	0.044	U
Cesium-134 Uncertainty	pCi/g	0.0359		0.0204		0.0306		0.0274		0.0243	
Cesium-136	pCi/g	3.16	U	1.87	U	3.13	U	3.46	U	2.94	U
Cesium-136 Uncertainty	pCi/g	2.01		1.11		2.09		1.85		1.64	
Cesium-137	pCi/g	0.155		0.0469		0.0896		0.0436	U	0.083	
Cesium-137 Uncertainty	pCi/g	0.053		0.0241		0.0378		0.0284		0.0306	
Chromium-51	pCi/g	2.52	U	1.47	U	1.81	U	2.4	U	1.73	U
Chromium-51 Uncertainty	pCi/g	1.47		0.881		1.13		1.43		1	
Cobalt-56	pCi/g	0.0926	U	0.0589	U	0.0848	U	0.065	U	0.0582	U
Cobalt-56 Uncertainty	pCi/g	0.0551		0.0355		0.0516		0.0437		0.0355	
Cobalt-57	pCi/g	0.0403	U	0.0239	U	0.0312	U	0.0323	U	0.0303	U
Cobalt-57 Uncertainty	pCi/g	0.0243		0.0133		0.0181		0.0186		0.0172	
Cobalt-58	pCi/g	0.0941	U	0.0615	U	0.0915	U	0.0801	U	0.0702	U
Cobalt-58 Uncertainty	pCi/g	0.0572		0.0337		0.0519		0.0469		0.0403	
Cobalt-60	pCi/g	0.0387	U	0.0364	U	0.057	U	0.0452	U	0.0353	U
Cobalt-60 Uncertainty	pCi/g	0.0275		0.0202		0.0305		0.0247		0.023	
Europium-152	pCi/g	0.167	U	0.0805	U	0.112	U	0.125	U	0.107	U
Europium-152 Uncertainty	pCi/g	0.0892		0.0463		0.0791		0.0751		0.0617	
Europium-154	pCi/g	0.161	U	0.0883	U	0.128	U	0.103	U	0.103	U
Europium-154 Uncertainty	pCi/g	0.0937		0.0518		0.0783		0.0623		0.0562	
Europium-155	pCi/g	0.149	U	0.0911	U	0.118	U	0.122	U	0.103	U
Europium-155 Uncertainty	pCi/g	0.0847		0.0506		0.0683		0.0674		0.0603	
Iridium-192	pCi/g	0.0886	U	0.0475	U	0.0749	U	0.0804	U	0.0657	U
Iridium-192 Uncertainty	pCi/g	0.0498		0.0286		0.0405		0.0457		0.0364	
Iron-59	pCi/g	0.291	U	0.148	U	0.251	U	0.247	U	0.216	U
Iron-59 Uncertainty	pCi/g	0.174		0.0915		0.175		0.138		0.118	
Lead-210	pCi/g	15.5	U	5.47	U	5.78	U	4.98	U	3.06	U
Lead-210 Uncertainty	pCi/g	9.17		2.75		3.01		2.99		1.78	

Table 3: Location 15 Soil Sample Radionuclide Results

Radionuclides	Units	15-A	Remark	15-A Deep	Remark	15-B	Remark	15-C	Remark	15-D	Remark
Lead-212	pCi/g	0.133	U	0.0746	UJ	0.0891	U	0.115	UJ	0.0781	U
Lead-212 Uncertainty	pCi/g	0.0953		0.0426		0.0504		0.0617		0.0471	
Lead-214	pCi/g	0.172	U	0.186		0.148		0.286		0.104	UJ
Lead-214 Uncertainty	pCi/g	0.136		0.0689		0.0899		0.114		0.07	
Manganese-54	pCi/g	0.0493	U	0.0346	U	0.0569	U	0.0436	U	0.0391	U
Manganese-54 Uncertainty	pCi/g	0.0273		0.0202		0.0308		0.0254		0.0226	
Mercury-203	pCi/g	0.147	U	0.077	U	0.105	U	0.105	U	0.102	U
Mercury-203 Uncertainty	pCi/g	0.0879		0.0444		0.066		0.0632		0.0599	
Neodymium-147	pCi/g	43.6	U	24.5	U	36.6	U	34.8	U	27.8	U
Neodymium-147 Uncertainty	pCi/g	26.5		13.5		21		20		16.5	
Neptunium-239	pCi/g	0.553	U	0.339	U	0.395	U	0.398	U	0.391	U
Neptunium-239 Uncertainty	pCi/g	0.316		0.188		0.244		0.234		0.255	
Niobium-94	pCi/g	0.0538	U	0.0285	U	0.0359	U	0.0321	U	0.0318	U
Niobium-94 Uncertainty	pCi/g	0.0283		0.0168		0.0234		0.0188		0.0197	
Niobium-95	pCi/g	0.122	U	0.0637	U	0.0748	U	0.0894	U	0.0794	U
Niobium-95 Uncertainty	pCi/g	0.0645		0.0355		0.054		0.0585		0.0471	
Potassium-40	pCi/g	0.83	U	0.774		0.792	U	0.633		0.547	U
Potassium-40 Uncertainty	pCi/g	0.444		0.276		0.394		0.382		0.301	
Promethium-144	pCi/g	0.049	U	0.0333	U	0.0492	U	0.0485	U	0.0385	U
Promethium-144 Uncertainty	pCi/g	0.0316		0.0194		0.0274		0.0244		0.0271	
Promethium-146	pCi/g	0.0759	U	0.0344	U	0.0462	U	0.0575	U	0.0413	U
Promethium-146 Uncertainty	pCi/g	0.0417		0.0192		0.0287		0.0334		0.0242	
Radium-228	pCi/g	0.195	U	0.167	U	0.183	U	0.234	U	0.182	U
Radium-228 Uncertainty	pCi/g	0.12		0.127		0.101		0.139		0.108	
Ruthenium-106	pCi/g	0.491	U	0.323	U	0.438	U	0.426	U	0.354	U
Ruthenium-106 Uncertainty	pCi/g	0.28		0.187		0.271		0.255		0.206	
Silver-110m	pCi/g	0.0643	U	0.0496	U	0.0716	U	0.0612	U	0.0534	U
Silver-110m Uncertainty	pCi/g	0.0447		0.0275		0.043		0.0357		0.0305	

Table 3: Location 15 Soil Sample Radionuclide Results

Radionuclides	Units	15-A	Remark	15-A Deep	Remark	15-B	Remark	15-C	Remark	15-D	Remark
Sodium-22	pCi/g	0.0578	U	0.0323	U	0.0469	U	0.037	U	0.0372	U
Sodium-22 Uncertainty	pCi/g	0.0345		0.0189		0.028		0.0219		0.0204	
Thallium-208	pCi/g	0.0724	U	0.0434	U	0.0481	U	0.0492		0.0476	U
Thallium-208 Uncertainty	pCi/g	0.0395		0.0231		0.0288		0.0434		0.0263	
Thorium-234	pCi/g	2.69	U	1.49	U	1.8	U	1.71	U	1.26	U
Thorium-234 Uncertainty	pCi/g	1.55		0.814		0.993		1.22		0.704	
Tin-113	pCi/g	0.0942	U	0.0507	U	0.0702	U	0.0761	U	0.0708	U
Tin-113 Uncertainty	pCi/g	0.0553		0.0283		0.0433		0.0442		0.0395	
Uranium-235	pCi/g	0.288	U	0.171	U	0.216	U	0.234	U	0.209	U
Uranium-235 Uncertainty	pCi/g	0.183		0.106		0.131		0.135		0.125	
Uranium-238	pCi/g	2.69	U	1.49	U	1.8	U	1.71	U	1.26	U
Uranium-238 Uncertainty	pCi/g	1.55		0.814		0.993		1.22		0.704	
Yttrium-88	pCi/g	0.0841	U	0.0328	U	0.0764	U	0	U	0.0525	U
Yttrium-88 Uncertainty	pCi/g	0.0487		0.0229		0.0403		0.0189		0.031	
Zinc-65	pCi/g	0.153	U	0.08	U	0.116	U	0.117	U	0.0806	U
Zinc-65 Uncertainty	pCi/g	0.0886		0.0533		0.0786		0.0717		0.0589	
Zirconium-95	pCi/g	0.178	U	0.113	U	0.175	U	0.177	U	0.129	U
Zirconium-95 Uncertainty	pCi/g	0.106		0.0653		0.11		0.0988		0.0765	

Location 16

Table 1: Summary of Residential SCTL Exceedances in Soil Samples Collected from Location 16
March/April 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation

Analyte	Residential SCTL	16-A	16-A Deep	16-B	16-C	16-D
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 16 Soil Sample Chemical Results

Volatile Organic Compounds	Units	16-A	MDL	Remark	16-A Deep	MDL	Remark	16-B	MDL	Remark	16-C	MDL	Remark	16-D	MDL	Remark
1,1,1-Trichloroethane	ug/kg	4.6	4.6	U	4.4	4.4	UJ	4.6	4.6	U	4.8	4.8	U	4.6	4.6	U
1,1,2,2-Tetrachloroethane	ug/kg	11	11	UJ	11	11	UJ	12	12	UJ	12	12	UJ	12	12	UJ
1,1,2-Trichloroethane	ug/kg	4.6	4.6	U	4.4	4.4	U	4.6	4.6	U	4.8	4.8	U	4.6	4.6	U
1,1-Dichloroethane	ug/kg	4.6	4.6	U	4.4	4.4	U	4.6	4.6	U	4.8	4.8	U	4.6	4.6	U
1,1-Dichloroethene	ug/kg	11	11	U	11	11	U	12	12	U	12	12	U	12	12	U
1,2-Dichlorobenzene	ug/kg	11	11	U	11	11	U	12	12	U	12	12	U	12	12	U
1,2-Dichloroethane	ug/kg	4.6	4.6	U	4.4	4.4	U	4.6	4.6	U	4.8	4.8	U	4.6	4.6	U
1,2-Dichloropropane	ug/kg	11	11	U	11	11	U	12	12	U	12	12	U	12	12	U
1,3-Dichlorobenzene	ug/kg	11	11	U	11	11	U	12	12	U	12	12	U	12	12	U
1,4-Dichlorobenzene	ug/kg	11	11	U	11	11	U	12	12	U	12	12	U	12	12	U
2-Butanone	ug/kg	110	110	U	110	110	U	120	120	U	120	120	U	120	120	U
2-Chloroethylvinyl ether	ug/kg	11	11	U	11	11	U	12	12	U	12	12	U	12	12	U
Benzene	ug/kg	4.6	4.6	U	4.4	4.4	U	4.6	4.6	U	4.8	4.8	U	4.6	4.6	U
Bromodichloromethane	ug/kg	4.6	4.6	U	4.4	4.4	UJ	4.6	4.6	U	4.8	4.8	U	4.6	4.6	U
Bromoform	ug/kg	11	11	UJ	11	11	UJ	12	12	UJ	12	12	UJ	12	12	UJ
Bromomethane	ug/kg	11	11	U	11	11	UJ	12	12	U	12	12	U	12	12	U
Carbon tetrachloride	ug/kg	4.6	4.6	U	4.4	4.4	UJ	4.6	4.6	U	4.8	4.8	U	4.6	4.6	UJ
Chlorobenzene	ug/kg	4.6	4.6	U	4.4	4.4	U	4.6	4.6	U	4.8	4.8	U	4.6	4.6	U
Chloroethane	ug/kg	11	11	U	11	11	UJ	12	12	U	12	12	U	12	12	U
Chloroform	ug/kg	4.6	4.6	U	4.4	4.4	U	4.6	4.6	U	4.8	4.8	U	4.6	4.6	U
Chloromethane	ug/kg	11	11	U	11	11	U	12	12	U	12	12	U	12	12	U
cis-1,2-Dichloroethene	ug/kg	11	11	U	11	11	U	12	12	U	12	12	U	12	12	U
cis-1,3-Dichloropropene	ug/kg	11	11	UJ	11	11	UJ	12	12	UJ	12	12	UJ	12	12	UJ
Dibromochloromethane	ug/kg	4.6	4.6	U	4.4	4.4	UJ	4.6	4.6	U	4.8	4.8	U	4.6	4.6	U
Ethylbenzene	ug/kg	11	11	U	11	11	U	12	12	U	12	12	U	12	12	U
m,p-Xylene	ug/kg	11	11	U	11	11	U	12	12	U	12	12	U	12	12	U
Methylene chloride	ug/kg	11	11	U	11	11	UJ	12	12	U	12	12	U	12	12	UJ
Methyl-t-butyl ether	ug/kg	11	11	U	11	11	U	12	12	U	12	12	U	12	12	U
o-Xylene	ug/kg	4.6	4.6	U	4.4	4.4	U	4.6	4.6	U	4.8	4.8	U	4.6	4.6	U

Table 2: Location 16 Soil Sample Chemical Results

Volatile Organic Compounds	Units	16-A	MDL	Remark	16-A Deep	MDL	Remark	16-B	MDL	Remark	16-C	MDL	Remark	16-D	MDL	Remark
Tetrachloroethene	ug/kg	11	11	U	11	11	U	12	12	U	12	12	U	12	12	U
Toluene	ug/kg	11	11	U	11	11	U	12	12	U	12	12	U	12	12	U
trans-1,2-Dichloroethene	ug/kg	11	11	U	11	11	U	12	12	U	12	12	U	12	12	U
trans-1,3-Dichloropropene	ug/kg	4.6	4.6	U	4.4	4.4	UJ	4.6	4.6	U	4.8	4.8	U	4.6	4.6	U
Trichloroethene	ug/kg	4.6	4.6	U	4.4	4.4	U	4.6	4.6	U	4.8	4.8	U	4.6	4.6	U
Trichlorofluoromethane	ug/kg	11	11	U	11	11	U	12	12	U	12	12	U	12	12	U
Vinyl chloride	ug/kg	11	11	U	11	11	U	12	12	U	12	12	U	12	12	U
Semi-Volatile Organic Compounds	Units	16-A	MDL	Remark	16-A Deep	MDL	Remark	16-B	MDL	Remark	16-C	MDL	Remark	16-D	MDL	Remark
1,2,4-Trichlorobenzene	ug/kg	200	200	U	200	200	U	200	200	U	210	210	U	200	200	U
1-Methylnaphthalene	ug/kg	7.4	7.4	U	7.3	7.3	U	7.4	7.4	U	7.6	7.6	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	7.6	7.6	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	7.6	7.6	U	7.4	7.4	U
2,4,6-Trichlorophenol	ug/kg	67	67	U	65	65	U	66	66	U	68	68	U	67	67	U
2,4-Dichlorophenol	ug/kg	67	67	U	65	65	U	66	66	U	68	68	U	67	67	U
2,4-Dimethylphenol	ug/kg	400	400	U	390	390	U	400	400	U	410	410	U	400	400	UJ
2,4-Dinitrophenol	ug/kg	400	400	U	390	390	U	400	400	U	410	410	U	400	400	U
2,4-Dinitrotoluene	ug/kg	67	67	U	65	65	U	66	66	U	68	68	U	67	67	U
2,6-Dimethylnaphthalene	ug/kg	7.4	7.4	U	7.3	7.3	U	7.4	7.4	U	7.6	7.6	U	30	30	U
2,6-Dinitrotoluene	ug/kg	67	67	U	65	65	U	66	66	U	68	68	U	67	67	U
2-Chloronaphthalene	ug/kg	67	67	U	65	65	U	66	66	U	68	68	U	67	67	U
2-Chlorophenol	ug/kg	200	200	U	200	200	U	200	200	U	210	210	U	200	200	U
2-Methyl-4,6-dinitrophenol	ug/kg	67	67	U	65	65	U	66	66	U	68	68	U	67	67	UJ
2-Methylnaphthalene	ug/Kg	7.4	7.4	U	7.3	7.3	U	7.4	7.4	U	7.6	7.6	U	25	25	U
2-Nitrophenol	ug/kg	67	67	U	65	65	U	66	66	U	68	68	U	67	67	U
3,3'-Dichlorobenzidine	ug/kg	4000	4000	UJ	3900	3900	UJ	4000	4000	UJ	4000	4000	UJ	4000	4000	U
4-Bromophenyl phenyl ether	ug/kg	67	67	U	65	65	U	66	66	U	68	68	U	67	67	U
4-Chloro-3-methylphenol	ug/kg	67	67	U	65	65	U	66	66	U	68	68	U	67	67	U
4-Chlorophenyl phenyl ether	ug/kg	67	67	U	65	65	U	66	66	U	68	68	U	67	67	U
4-Nitrophenol	ug/kg	67	67	U	65	65	U	66	66	U	68	68	U	67	67	U

Table 2: Location 16 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	16-A	MDL	Remark	16-A Deep	MDL	Remark	16-B	MDL	Remark	16-C	MDL	Remark	16-D	MDL	Remark
Acenaphthene	ug/kg	7.4	7.4	U	7.3	7.3	U	7.4	7.4	U	7.6	7.6	U	7.4	7.4	U
Acenaphthylene	ug/kg	7.4	7.4	U	7.3	7.3	U	7.4	7.4	U	7.6	7.6	U	7.4	7.4	U
Anthracene	ug/kg	7.4	7.4	U	7.3	7.3	U	7.4	7.4	U	8.7	7.6	I	7.4	7.4	U
Azobenzene/1,2-Diphenylhydrazine	ug/kg	67	67	U	65	65	U	66	66	U	68	68	U	67	67	U
Benzidine	ug/kg	1300	1300	U	1300	1300	U	1300	1300	U	1500	1500	U	1300	1300	UJ
Benzo(a)anthracene	ug/kg	7.4	7.4	U	7.3	7.3	U	7.4	7.4	U	31	7.6		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	28	7.6	I	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	35	7.6		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	22	7.6	I	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	12	7.6	I	7.4	7.4	U
Biphenyl	ug/kg	7.4	7.4	U	7.3	7.3	U	7.4	7.4	U	7.6	7.6	U	7.4	7.4	U
Bis(2-chloroethoxy)methane	ug/kg	67	67	U	65	65	U	66	66	U	68	68	U	67	67	U
Bis(2-chloroethyl)ether	ug/kg	67	67	U	65	65	U	66	66	U	68	68	U	67	67	U
Bis(2-chloroisopropyl)ether	ug/kg	67	67	U	65	65	U	66	66	U	68	68	U	67	67	UJ
Bis(2-ethylhexyl)phthalate	ug/kg	400	400	UJ	390	390	UJ	400	400	UQ	410	410	UJ	400	400	UQ
Butyl benzyl phthalate	ug/kg	67	67	UJ	65	65	UJ	66	66	UJ	68	68	UJ	67	67	UJ
Chrysene	ug/kg	7.4	7.4	U	7.3	7.3	U	7.4	7.4	U	26	7.6	I	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	7.6	7.6	U	7.4	7.4	U
Dibenzothiophene	ug/kg	7.4	7.4	U	7.3	7.3	U	7.4	7.4	U	7.6	7.6	U	7.4	7.4	U
Diethyl phthalate	ug/kg	67	67	U	65	65	U	66	66	U	68	68	U	67	67	UJ
Dimethyl phthalate	ug/kg	67	67	U	65	65	U	66	66	U	68	68	U	67	67	U
Di-n-butyl phthalate	ug/kg	400	400	U	390	390	U	400	400	U	410	410	U	400	400	U
Di-n-octyl phthalate	ug/kg	67	67	UJ	65	65	UJ	66	66	UJ	68	68	UJ	67	67	UJ
Fluoranthene	ug/kg	7.4	7.4	U	7.3	7.3	U	7.4	7.4	U	62	7.6		7.4	7.4	U
Fluorene	ug/kg	7.4	7.4	U	7.3	7.3	U	7.4	7.4	U	7.6	7.6	U	7.4	7.4	U
Hexachlorobenzene	ug/kg	67	67	U	65	65	U	66	66	U	68	68	U	67	67	U
Hexachlorobutadiene	ug/kg	200	200	U	200	200	U	200	200	U	210	210	U	200	200	U
Hexachlorocyclopentadiene	ug/kg	67	67	UJ	65	65	UJ	66	66	UJ	68	68	UJ	67	67	U
Hexachloroethane	ug/kg	200	200	U	200	200	U	200	200	U	210	210	U	200	200	U

Table 2: Location 16 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	16-A	MDL	Remark	16-A Deep	MDL	Remark	16-B	MDL	Remark	16-C	MDL	Remark	16-D	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	17	7.6	I	7.4	7.4	U
Isophorone	ug/kg	67	67	U	65	65	U	66	66	U	68	68	U	67	67	U
Naphthalene	ug/kg	7.4	7.4	U	7.3	7.3	U	7.4	7.4	U	7.6	7.6	U	7.4	7.4	U
Nitrobenzene	ug/kg	67	67	U	65	65	U	66	66	U	68	68	U	67	67	U
N-Nitrosodimethylamine	ug/kg	400	400	U	390	390	U	400	400	U	410	410	U	400	400	U
N-Nitrosodi-n-propylamine	ug/kg	67	67	U	65	65	U	66	66	U	68	68	U	67	67	UJ
N-Nitrosodiphenylamine/ Diphenylamine	ug/kg	67	67	U	65	65	U	66	66	U	68	68	U	67	67	U
Pentachlorophenol	ug/kg	67	67	U	65	65	U	66	66	U	68	68	U	67	67	U
Phenanthrene	ug/kg	7.4	7.4	U	7.3	7.3	U	7.4	7.4	U	34	7.6		7.4	7.4	U
Phenol	ug/kg	67	67	U	65	65	U	66	66	U	68	68	U	67	67	U
Pyrene	ug/kg	7.4	7.4	U	7.3	7.3	U	7.4	7.4	U	49	7.6		7.4	7.4	U
TRPH	mg/kg	13	12	I	11	11	U	11	11	U	17	12	I	12	12	U
Pesticides/Herbicides/PCBs	Units	16-A	MDL	Remark	16-A Deep	MDL	Remark	16-B	MDL	Remark	16-C	MDL	Remark	16-D	MDL	Remark
2,4,5-T	ug/kg													7.2	7.2	U
2,4-D	ug/kg													7.2	7.2	U
3-Hydroxycarbofuran	ug/kg													0.56	0.56	UJ
Acifluorfen	ug/kg													7.2	7.2	U
Aldicarb	ug/kg													0.56	0.56	UJ
Aldicarb Sulfone	ug/kg													0.56	0.56	UJ
Aldicarb Sulfoxide	ug/kg													0.56	0.56	UJ
Carbaryl	ug/kg													0.56	0.56	UJ
Carbofuran	ug/kg													0.56	0.56	UJ
Diuron	ug/kg													6.7	6.7	U
Imidacloprid	ug/kg													6.7	6.7	U
Linuron	ug/kg													6.7	6.7	U
Methiocarb	ug/kg													0.56	0.56	UJ
Methomyl	ug/kg													0.56	0.56	UJ
Oxamyl	ug/kg													0.56	0.56	UJ
Propoxur	ug/kg													0.56	0.56	UJ

Table 2: Location 16 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	16-A	MDL	Remark	16-A Deep	MDL	Remark	16-B	MDL	Remark	16-C	MDL	Remark	16-D	MDL	Remark
Silvex	ug/kg													7.2	7.2	U
Alachlor	ug/kg	11	11	U	11	11	U	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	0.38	0.38	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	0.38	0.38	U	0.37	0.37	U
Ametryn	ug/kg	1.9	1.9	U	1.8	1.8	U	1.8	1.8	U	1.9	1.9	U	1.9	1.9	U
Atrazine	ug/kg	1.9	1.9	U	1.8	1.8	U	1.8	1.8	U	1.9	1.9	U	1.9	1.9	U
Azinphos Methyl	ug/kg	5.6	5.6	U	5.5	5.5	U	5.5	5.5	U	5.7	5.7	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	0.38	0.38	U	0.37	0.37	U
Bromacil	ug/kg	7.4	7.4	U	7.3	7.3	U	7.4	7.4	U	7.6	7.6	U	7.4	7.4	U
Chlordane	ug/Kg	5.6	5.6	U	5.5	5.5	U	5.5	5.5	U	5.7	5.7	U	5.6	5.6	U
Chlorpyrifos Ethyl	ug/kg	1.9	1.9	U	1.8	1.8	U	1.8	1.8	U	1.9	1.9	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	3.8	3.8	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	0.76	0.76	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	0.76	0.76	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	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	0.76	0.76	U	0.74	0.74	U
Diazinon	ug/kg	1.9	1.9	U	1.8	1.8	U	1.8	1.8	U	1.9	1.9	U	1.9	1.9	U
Dieldrin	ug/Kg	0.37	0.37	U	0.36	0.36	U	0.37	0.37	U	0.38	0.38	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	0.38	0.38	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	0.38	0.38	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	0.76	0.76	U	0.74	0.74	U
Endrin	ug/Kg	1.9	1.9	U	1.8	1.8	U	1.8	1.8	U	1.9	1.9	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	0.76	0.76	U	0.74	0.74	U
Ethion	ug/kg	1.9	1.9	U	1.8	1.8	U	1.8	1.8	U	1.9	1.9	U	1.9	1.9	U
Ethoprop	ug/kg	1.9	1.9	U	1.8	1.8	U	1.8	1.8	U	1.9	1.9	U	1.9	1.9	U
Fenamiphos	ug/kg	3.7	3.7	U	3.6	3.6	U	3.7	3.7	U	3.8	3.8	U	7.4	7.4	U
Fonofos	ug/kg	1.9	1.9	U	1.8	1.8	U	1.8	1.8	U	1.9	1.9	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	0.38	0.38	U	0.37	0.37	U
Heptachlor	ug/Kg	0.37	0.37	U	0.36	0.36	U	0.37	0.37	U	0.38	0.38	U	0.37	0.37	U

Table 2: Location 16 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	16-A	MDL	Remark	16-A Deep	MDL	Remark	16-B	MDL	Remark	16-C	MDL	Remark	16-D	MDL	Remark
Heptachlor Epoxide	ug/kg	0.37	0.37	U	0.36	0.36	U	0.37	0.37	U	0.38	0.38	U	0.37	0.37	U
Hexazinone	ug/kg	3.7	3.7	U	3.6	3.6	U	3.7	3.7	U	3.8	3.8	U	3.7	3.7	U
Malathion	ug/kg	3.7	3.7	U	3.6	3.6	U	3.7	3.7	U	3.8	3.8	U	3.7	3.7	U
Methamidophos	ug/kg	19	19	U	18	18	U	18	18	U	19	19	U	19	19	U
Methoxychlor	ug/kg	1.9	1.9	U	1.8	1.8	U	1.8	1.8	U	1.9	1.9	U	1.9	1.9	U
Metolachlor	ug/kg	11	11	U	11	11	U	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	3.8	3.8	U	3.7	3.7	U
Mevinphos	ug/kg	7.4	7.4	U	7.3	7.3	U	7.4	7.4	U	7.6	7.6	U	7.4	7.4	U
Monocrotophos	ug/kg	19	19	U	18	18	U	18	18	U	19	19	U	19	19	U
Naled	ug/kg	15	15	U	15	15	U	15	15	U	15	15	U	15	15	U
Norflurazon	ug/kg	3.7	3.7	U	3.6	3.6	U	3.7	3.7	U	3.8	3.8	U	3.7	3.7	U
Parathion Ethyl	ug/kg	3.7	3.7	U	3.6	3.6	U	3.7	3.7	U	3.8	3.8	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	3.8	3.8	U	3.7	3.7	U
PCB-1016	ug/Kg	11	11	U	11	11	U	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	7.6	7.6	U	7.4	7.4	U
PCB-1232	ug/Kg	17	17	U	16	16	U	17	17	U	17	17	U	17	17	U
PCB-1242	ug/Kg	11	11	U	11	11	U	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	7.6	7.6	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	7.6	7.6	U	7.4	7.4	U
PCB-1260	ug/Kg	11	11	U	11	11	U	11	11	U	11	11	U	11	11	U
Phorate	ug/kg	1.9	1.9	U	1.8	1.8	U	1.8	1.8	U	1.9	1.9	U	1.9	1.9	U
Prometryn	ug/kg	3.7	3.7	U	3.6	3.6	U	3.7	3.7	U	3.8	3.8	U	3.7	3.7	U
Simazine	ug/kg	1.9	1.9	U	1.8	1.8	U	1.8	1.8	U	1.9	1.9	U	1.9	1.9	U
Toxaphene	ug/Kg	28	28	U	27	27	U	28	28	U	29	29	U	28	28	U
Diquat	mg/Kg													0.044	0.044	U
Paraquat	mg/Kg													0.056	0.056	U
Metals	Units	16-A	MDL	Remark	16-A Deep	MDL	Remark	16-B	MDL	Remark	16-C	MDL	Remark	16-D	MDL	Remark
Mercury	mg/Kg	0.013	0.0038	I	0.018	0.004		0.0081	0.004	I	0.0074	0.0041	I	0.012	0.004	I
Antimony	mg/Kg	0.14	0.14	U	0.14	0.14	U	0.14	0.14	U	0.14	0.14	U	0.14	0.14	U

Table 2: Location 16 Soil Sample Chemical Results

Metals	Units	16-A	MDL	Remark	16-A Deep	MDL	Remark	16-B	MDL	Remark	16-C	MDL	Remark	16-D	MDL	Remark
Arsenic	mg/Kg	0.14	0.055	I	0.21	0.054	I	0.18	0.055	I	0.37	0.057		0.12	0.056	I
Barium	mg/Kg	3.88	0.055		7.87	0.054		3.91	0.055		3.37	0.057		4.83	0.056	
Beryllium	mg/Kg	0.062	0.022	I	0.193	0.022		0.09	0.022		0.072	0.023	I	0.066	0.022	I
Cadmium	mg/Kg	0.028	0.028	U	0.031	0.027	I	0.027	0.027	U	0.028	0.028	U	0.028	0.028	U
Chromium	mg/Kg	2.87	0.14		7.64	0.14		3.55	0.14		3.02	0.14		3.5	0.14	
Cobalt	mg/Kg	0.207	0.011		0.539	0.011		0.229	0.011		0.289	0.011		0.206	0.011	
Copper	mg/Kg	1.64	0.14		0.99	0.14		0.81	0.14		0.91	0.14		1.05	0.14	
Lead	mg/Kg	1.9	0.21		3.73	0.2		1.93	0.2		2.01	0.21		1.89	0.21	
Nickel	mg/Kg	0.8	0.14		2.42	0.14		0.79	0.14		0.98	0.14		0.94	0.14	
Selenium	mg/Kg	0.25	0.083	I	0.49	0.081		0.15	0.082	I	0.22	0.085	I	0.22	0.083	I
Silver	mg/Kg	0.0069	0.0069	UJ	0.0068	0.0068	UJ	0.012	0.0068	UJ	0.0071	0.0071	UJ	0.007	0.007	U
Thallium	mg/Kg	0.028	0.028	U	0.052	0.027	I	0.027	0.027	U	0.028	0.028	U	0.028	0.028	U
Zinc	mg/Kg	2	1.1	I	1.1	1.1	U	2	1.1	I	1.1	1.1	U	2.3	1.1	I
Dioxins/Furans	Units	16-A	MDL	Remark	16-A Deep	MDL	Remark	16-B	MDL	Remark	16-C	MDL	Remark	16-D	MDL	Remark
1,2,3,4,6,7,8-HpCDD	ng/Kg													1.22	2.86	IV
1,2,3,4,6,7,8-HpCDF	ng/Kg													0.356	2.86	I
1,2,3,4,7,8,9-HpCDF	ng/Kg													0.13	2.86	U
1,2,3,4,7,8-HxCDD	ng/Kg													0.0865	2.86	U
1,2,3,4,7,8-HxCDF	ng/Kg													0.0552	2.86	U
1,2,3,6,7,8-HxCDD	ng/Kg													0.0714	2.86	U
1,2,3,6,7,8-HxCDF	ng/Kg													0.0518	2.86	U
1,2,3,7,8,9-HxCDD	ng/Kg													0.0773	2.86	U
1,2,3,7,8,9-HxCDF	ng/Kg													0.064	2.86	U
1,2,3,7,8-PeCDD	ng/Kg													0.137	2.86	U
1,2,3,7,8-PeCDF	ng/Kg													0.064	2.86	U
2,3,4,6,7,8-HxCDF	ng/Kg													0.0584	2.86	U
2,3,4,7,8-PeCDF	ng/Kg													0.0627	2.86	U
2,3,7,8-TCDD	ng/Kg													0.118	1.14	U
2,3,7,8-TCDF	ng/Kg													0.0996	1.14	U

Table 2: Location 16 Soil Sample Chemical Results

Dioxins/Furans	Units	16-A	MDL	Remark	16-A Deep	MDL	Remark	16-B	MDL	Remark	16-C	MDL	Remark	16-D	MDL	Remark
OCDD	ng/Kg													7.44	5.72	V
OCDF	ng/Kg													1.5	5.72	IV
Total Hepta-Dioxins	ng/Kg													3.12	2.86	
Total Hepta-Furans	ng/Kg													0.356	2.86	I
Total Hexa-Dioxins	ng/Kg													0.208	2.86	I
Total Hexa-Furans	ng/Kg													0.187	2.86	I
Total Penta-Dioxins	ng/Kg													0.137	2.86	U
Total Penta-Furans	ng/Kg													0.0627	2.86	U
Total Tetra-Dioxins	ng/Kg													0.354	1.14	I
Total Tetra-Furans	ng/Kg													1.76	1.14	
Calculated Total Toxicity Equivalents	Units	16-A			16-A Deep			16-B			16-C			16-D		
Dioxins as total 2,3,7,8 TCDD	ng/Kg													0.19		
Total Benzo(a)pyrene	mg/Kg										0.04					

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

Table 3: Location 16 Soil Sample Radionuclide Results

Radionuclides	Units	16-A	Remark	16-A Deep	Remark	16-B	Remark	16-C	Remark	16-D	Remark
Actinium-228	pCi/g	0.21	U	0.227		0.179	U	0.182	U	0.125	U
Actinium-228 Uncertainty	pCi/g	0.153		0.189		0.109		0.1		0.0882	
Alpha Uncertainty	pCi/g	2.44		2.47		2.52		1.4		2.12	
Alpha, Total	pCi/g	3.35		4.54		3.98		2.56	U	2.84	
Americium-241	pCi/g	0.0826	U	0.309	U	0.112	U	0.133	U	0.0871	U
Americium-241 Uncertainty	pCi/g	0.0504		0.174		0.0632		0.0747		0.0467	
Antimony-124	pCi/g	0.124	U	0.177	U	0.148	U	0.213	U	0.103	U
Antimony-124 Uncertainty	pCi/g	0.0755		0.108		0.0837		0.111		0.0597	
Antimony-125	pCi/g	0.0838	U	0.113	U	0.0875	U	0.107	U	0.0525	U
Antimony-125 Uncertainty	pCi/g	0.045		0.0635		0.0478		0.0594		0.0299	
Barium-133	pCi/g	0.03	U	0.0537	U	0.0334	U	0.0408	U	0.0215	U
Barium-133 Uncertainty	pCi/g	0.0207		0.0339		0.0226		0.0276		0.0149	
Barium-140	pCi/g	6.22	U	9.7	U	6.3	U	6.97	U	3.1	U
Barium-140 Uncertainty	pCi/g	3.54		5.41		3.52		4.1		1.74	
Beryllium-7	pCi/g	0.588	U	0.867	U	0.696	U	0.719	U	0.4	U
Beryllium-7 Uncertainty	pCi/g	0.321		0.508		0.404		0.417		0.221	
Beta Uncertainty	pCi/g	2.89		3.09		2.77		2.58		2.16	
Beta, Total	pCi/g	5.19	U	5.07		4.85	U	4.68	U	3.7	
Bismuth-212	pCi/g	0.428	U	0.678	U	0.45	U	0.474	U	0.296	U
Bismuth-212 Uncertainty	pCi/g	0.238		0.362		0.262		0.27		0.157	
Bismuth-214	pCi/g	0.202		0.48		0.257		0.185		0.278	
Bismuth-214 Uncertainty	pCi/g	0.0763		0.127		0.0882		0.0967		0.0515	
Cerium-139	pCi/g	0.0307	U	0.0541	U	0.0399	U	0.035	U	0.0204	U
Cerium-139 Uncertainty	pCi/g	0.0188		0.0303		0.0217		0.0203		0.012	
Cerium-141	pCi/g	0.175	U	0.309	U	0.221	U	0.201	U	0.104	U
Cerium-141 Uncertainty	pCi/g	0.0952		0.176		0.118		0.123		0.0608	
Cerium-144	pCi/g	0.17	U	0.295	U	0.225	U	0.195	U	0.111	U
Cerium-144 Uncertainty	pCi/g	0.0927		0.164		0.118		0.11		0.0643	

Table 3: Location 16 Soil Sample Radionuclide Results

Radionuclides	Units	16-A	Remark	16-A Deep	Remark	16-B	Remark	16-C	Remark	16-D	Remark
Cesium-134	pCi/g	0.0384	U	0.0588	U	0.0469	U	0.0481	U	0.026	U
Cesium-134 Uncertainty	pCi/g	0.0235		0.0309		0.0258		0.0283		0.0142	
Cesium-136	pCi/g	1.5	U	2.34	U	2.16	U	2.13	U	1.07	U
Cesium-136 Uncertainty	pCi/g	0.997		1.59		1.18		1.41		0.617	
Cesium-137	pCi/g	0.0327	U	0.0338	U	0.0344	U	0.0397	U	0.022	U
Cesium-137 Uncertainty	pCi/g	0.028		0.0215		0.0191		0.0232		0.0125	
Chromium-51	pCi/g	1.33	U	2.27	U	1.66	U	1.7	U	0.84	U
Chromium-51 Uncertainty	pCi/g	0.776		1.28		0.922		0.952		0.469	
Cobalt-56	pCi/g	0.0586	U	0.0804	U	0.0595	U	0.0851	U	0.036	U
Cobalt-56 Uncertainty	pCi/g	0.0319		0.0481		0.0347		0.0468		0.0207	
Cobalt-57	pCi/g	0.0234	U	0.0382	U	0.027	U	0.0259	U	0.0149	U
Cobalt-57 Uncertainty	pCi/g	0.0121		0.021		0.0155		0.0146		0.0082	
Cobalt-58	pCi/g	0.055	U	0.0737	U	0.0636	U	0.077	U	0.0355	U
Cobalt-58 Uncertainty	pCi/g	0.0322		0.0453		0.0365		0.0439		0.0215	
Cobalt-60	pCi/g	0.0293	U	0.0419	U	0.0315	U	0.0358	U	0.0192	U
Cobalt-60 Uncertainty	pCi/g	0.018		0.0263		0.018		0.0226		0.0116	
Europium-152	pCi/g	0.084	U	0.124	U	0.0894	U	0.0902	U	0.0521	U
Europium-152 Uncertainty	pCi/g	0.0501		0.0744		0.057		0.0618		0.033	
Europium-154	pCi/g	0.106	U	0.0986	U	0.0982	U	0.107	U	0.0623	U
Europium-154 Uncertainty	pCi/g	0.0567		0.0628		0.0583		0.072		0.0361	
Europium-155	pCi/g	0.0704	U	0.141	U	0.0954	U	0.102	U	0.0522	U
Europium-155 Uncertainty	pCi/g	0.0395		0.076		0.0538		0.0535		0.0283	
Iridium-192	pCi/g	0.0501	U	0.083	U	0.0579	U	0.0612	U	0.0328	U
Iridium-192 Uncertainty	pCi/g	0.028		0.047		0.0324		0.0367		0.0188	
Iron-59	pCi/g	0.146	U	0.255	U	0.172	U	0.167	U	0.101	U
Iron-59 Uncertainty	pCi/g	0.0923		0.151		0.0976		0.124		0.0623	
Lead-210	pCi/g	1.98	U	13.1	U	2.9	U	4.49	U	2.67	U
Lead-210 Uncertainty	pCi/g	1.14		7.24		1.59		2.35		1.74	

Table 3: Location 16 Soil Sample Radionuclide Results

Radionuclides	Units	16-A	Remark	16-A Deep	Remark	16-B	Remark	16-C	Remark	16-D	Remark
Lead-212	pCi/g	0.139		0.24		0.161		0.17		0.138	
Lead-212 Uncertainty	pCi/g	0.0586		0.0744		0.0542		0.076		0.0444	
Lead-214	pCi/g	0.301		0.494		0.331		0.181		0.195	
Lead-214 Uncertainty	pCi/g	0.086		0.134		0.0821		0.0774		0.045	
Manganese-54	pCi/g	0.0312	U	0.0461	U	0.0391	U	0.036	U	0.0232	U
Manganese-54 Uncertainty	pCi/g	0.0179		0.0256		0.0214		0.0211		0.0131	
Mercury-203	pCi/g	0.0783	U	0.122	U	0.0912	U	0.0948	U	0.0501	U
Mercury-203 Uncertainty	pCi/g	0.0435		0.0654		0.0539		0.0512		0.0275	
Neodymium-147	pCi/g	22	U	27	U	24.7	U	22.6	U	10.8	U
Neodymium-147 Uncertainty	pCi/g	12.6		18		13.5		13.9		6.06	
Neptunium-239	pCi/g	0.315	U	0.476	U	0.375	U	0.318	U	0.195	U
Neptunium-239 Uncertainty	pCi/g	0.167		0.282		0.231		0.19		0.111	
Niobium-94	pCi/g	0.0302	U	0.0384	U	0.0291	U	0.0362	U	0.0215	U
Niobium-94 Uncertainty	pCi/g	0.0182		0.0214		0.0174		0.0219		0.0122	
Niobium-95	pCi/g	0.0607	U	0.0879	U	0.076	U	0.0652	U	0.0462	U
Niobium-95 Uncertainty	pCi/g	0.0369		0.0525		0.0422		0.0413		0.0253	
Potassium-40	pCi/g	0.561		1.56		0.399		0.462	U	0.576	
Potassium-40 Uncertainty	pCi/g	0.263		0.442		0.275		0.266		0.243	
Promethium-144	pCi/g	0.0392	U	0.0436	U	0.0392	U	0.0397	U	0.0222	U
Promethium-144 Uncertainty	pCi/g	0.0206		0.0246		0.0246		0.0233		0.0135	
Promethium-146	pCi/g	0.0362	U	0.0531	U	0.0393	U	0.0403	U	0.024	U
Promethium-146 Uncertainty	pCi/g	0.0218		0.0315		0.0231		0.0228		0.013	
Radium-228	pCi/g	0.21	UJ	0.227		0.179	U	0.182	U	0.125	U
Radium-228 Uncertainty	pCi/g	0.153		0.189		0.109		0.1		0.0882	
Ruthenium-106	pCi/g	0.273	U	0.36	U	0.285	U	0.361	U	0.2	U
Ruthenium-106 Uncertainty	pCi/g	0.168		0.215		0.177		0.216		0.114	
Silver-110m	pCi/g	0.0409	U	0.0612	U	0.0449	U	0.0398	U	0.0306	U
Silver-110m Uncertainty	pCi/g	0.0246		0.0347		0.0273		0.0275		0.0174	

Table 3: Location 16 Soil Sample Radionuclide Results

Radionuclides	Units	16-A	Remark	16-A Deep	Remark	16-B	Remark	16-C	Remark	16-D	Remark
Sodium-22	pCi/g	0.0385	U	0.0361	U	0.0359	U	0.0391	U	0.0225	U
Sodium-22 Uncertainty	pCi/g	0.0206		0.0229		0.0213		0.0278		0.0132	
Thallium-208	pCi/g	0.0518		0.0535		0.0366		0.077		0.0597	
Thallium-208 Uncertainty	pCi/g	0.0346		0.0426		0.0339		0.0447		0.0202	
Thorium-234	pCi/g	0.951	U	2.64	U	1.15	U	1.3	U	0.826	U
Thorium-234 Uncertainty	pCi/g	0.523		1.41		0.635		0.716		0.472	
Tin-113	pCi/g	0.0517	U	0.0779	U	0.0623	U	0.06	U	0.033	U
Tin-113 Uncertainty	pCi/g	0.0285		0.0451		0.0339		0.0385		0.0193	
Uranium-235	pCi/g	0.164	U	0.268	U	0.196	U	0.179	U	0.105	U
Uranium-235 Uncertainty	pCi/g	0.0972		0.155		0.117		0.106		0.067	
Uranium-238	pCi/g	0.951	U	2.64	U	1.15	U	1.3	U	0.826	U
Uranium-238 Uncertainty	pCi/g	0.523		1.41		0.635		0.716		0.472	
Yttrium-88	pCi/g	0.038	U	0.061	U	0.0493	U	0.0547	U	0.0349	U
Yttrium-88 Uncertainty	pCi/g	0.0211		0.0386		0.0316		0.04		0.0201	
Zinc-65	pCi/g	0.0718	U	0.105	U	0.093	U	0.0999	U	0.0534	U
Zinc-65 Uncertainty	pCi/g	0.0501		0.0711		0.0563		0.0653		0.035	
Zirconium-95	pCi/g	0.108	U	0.151	U	0.109	U	0.152	U	0.0726	U
Zirconium-95 Uncertainty	pCi/g	0.0645		0.0911		0.0699		0.0801		0.041	

Location 17

Table 1: Summary of Residential SCTL Exceedances in Soil Samples Collected from Location 17
March/April 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation

Analyte	Residential SCTL	17-A	17-A Deep	17-B
<i>Exceedances</i>				
Arsenic	2.1 mg/Kg	0.70	0.67	2.65

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 17 Soil Sample Chemical Results

Volatile Organic Compounds	Units	17-A	MDL	Remark	17-A Deep	MDL	Remark	17-B	MDL	Remark
1,1,1-Trichloroethane	ug/kg	5.2	5.2	U	3.8	3.8	U	5	5	U
1,1,2,2-Tetrachloroethane	ug/kg	13	13	UJ	9.6	9.6	UJ	12	12	UJ
1,1,2-Trichloroethane	ug/kg	5.2	5.2	U	3.8	3.8	U	5	5	U
1,1-Dichloroethane	ug/kg	5.2	5.2	U	3.8	3.8	U	5	5	U
1,1-Dichloroethene	ug/kg	13	13	U	9.6	9.6	U	12	12	U
1,2-Dichlorobenzene	ug/kg	13	13	U	9.6	9.6	U	12	12	U
1,2-Dichloroethane	ug/kg	5.2	5.2	U	3.8	3.8	U	5	5	U
1,2-Dichloropropane	ug/kg	13	13	U	9.6	9.6	U	12	12	U
1,3-Dichlorobenzene	ug/kg	13	13	U	9.6	9.6	U	12	12	U
1,4-Dichlorobenzene	ug/kg	13	13	U	9.6	9.6	U	12	12	U
2-Butanone	ug/kg	130	130	U	96	96	U	120	120	U
2-Chloroethylvinyl ether	ug/kg	13	13	U	9.6	9.6	U	12	12	U
Benzene	ug/kg	5.2	5.2	U	3.8	3.8	U	5	5	U
Bromodichloromethane	ug/kg	5.2	5.2	U	3.8	3.8	U	5	5	U
Bromoform	ug/kg	13	13	UJ	9.6	9.6	UJ	12	12	UJ
Bromomethane	ug/kg	13	13	U	9.6	9.6	U	12	12	U
Carbon tetrachloride	ug/kg	5.2	5.2	U	3.8	3.8	U	5	5	U
Chlorobenzene	ug/kg	5.2	5.2	U	3.8	3.8	U	5	5	U
Chloroethane	ug/kg	13	13	U	9.6	9.6	U	12	12	U
Chloroform	ug/kg	5.2	5.2	U	3.8	3.8	U	5	5	U
Chloromethane	ug/kg	13	13	U	9.6	9.6	U	12	12	U
cis-1,2-Dichloroethene	ug/kg	13	13	U	9.6	9.6	U	12	12	U
cis-1,3-Dichloropropene	ug/kg	13	13	U	9.6	9.6	UJ	12	12	UJ
Dibromochloromethane	ug/kg	5.2	5.2	U	3.8	3.8	U	5	5	U
Ethylbenzene	ug/kg	13	13	U	9.6	9.6	U	12	12	U
m,p-Xylene	ug/kg	13	13	U	9.6	9.6	U	12	12	U
Methylene chloride	ug/kg	13	13	U	9.6	9.6	U	12	12	U
Methyl-t-butyl ether	ug/kg	13	13	U	9.6	9.6	U	12	12	U
o-Xylene	ug/kg	5.2	5.2	U	3.8	3.8	U	5	5	U

Table 2: Location 17 Soil Sample Chemical Results

Volatile Organic Compounds	Units	17-A	MDL	Remark	17-A Deep	MDL	Remark	17-B	MDL	Remark
Tetrachloroethene	ug/kg	13	13	U	9.6	9.6	U	12	12	U
Toluene	ug/kg	13	13	U	9.6	9.6	U	12	12	U
trans-1,2-Dichloroethene	ug/kg	13	13	U	9.6	9.6	U	12	12	U
trans-1,3-Dichloropropene	ug/kg	5.2	5.2	U	3.8	3.8	U	5	5	U
Trichloroethene	ug/kg	5.2	5.2	U	3.8	3.8	U	5	5	U
Trichlorofluoromethane	ug/kg	13	13	U	9.6	9.6	U	12	12	U
Vinyl chloride	ug/kg	13	13	U	9.6	9.6	U	12	12	U
Semi-Volatile Organic Compounds	Units	17-A	MDL	Remark	17-A Deep	MDL	Remark	17-B	MDL	Remark
1,2,4-Trichlorobenzene	ug/kg	220	220	U	190	190	U	200	200	U
1-Methylnaphthalene	ug/kg	8.1	8.1	U	7.2	7.2	U	7.5	7.5	U
1-Methylphenanthrene	ug/kg	8.1	8.1	U	7.2	7.2	U	7.5	7.5	U
2,3,5-Trimethylnaphthalene	ug/kg	8.1	8.1	U	7.2	7.2	U	7.5	7.5	U
2,4,6-Trichlorophenol	ug/kg	73	73	U	65	65	U	68	68	U
2,4-Dichlorophenol	ug/kg	73	73	U	65	65	U	68	68	U
2,4-Dimethylphenol	ug/kg	440	440	U	390	390	U	410	410	U
2,4-Dinitrophenol	ug/kg	440	440	U	390	390	U	410	410	U
2,4-Dinitrotoluene	ug/kg	73	73	U	65	65	U	68	68	U
2,6-Dimethylnaphthalene	ug/kg	8.1	8.1	U	7.2	7.2	U	7.5	7.5	U
2,6-Dinitrotoluene	ug/kg	73	73	U	65	65	U	68	68	U
2-Chloronaphthalene	ug/kg	73	73	U	65	65	U	68	68	U
2-Chlorophenol	ug/kg	220	220	U	190	190	U	200	200	U
2-Methyl-4,6-dinitrophenol	ug/kg	73	73	U	65	65	U	68	68	U
2-Methylnaphthalene	ug/kg	8.1	8.1	U	7.2	7.2	U	7.5	7.5	U
2-Nitrophenol	ug/kg	73	73	U	65	65	U	68	68	U
3,3'-Dichlorobenzidine	ug/kg	4400	4400	U	3900	3900	U	4000	4000	U
4-Bromophenyl phenyl ether	ug/kg	73	73	U	65	65	U	68	68	U
4-Chloro-3-methylphenol	ug/kg	73	73	U	65	65	U	68	68	U
4-Chlorophenyl phenyl ether	ug/kg	73	73	U	65	65	U	68	68	U
4-Nitrophenol	ug/kg	73	73	U	65	65	U	68	68	U

Table 2: Location 17 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	17-A	MDL	Remark	17-A Deep	MDL	Remark	17-B	MDL	Remark
Acenaphthene	ug/kg	8.1	8.1	U	7.2	7.2	U	7.5	7.5	U
Acenaphthylene	ug/kg	8.1	8.1	U	7.2	7.2	U	7.5	7.5	U
Anthracene	ug/kg	8.1	8.1	U	7.2	7.2	U	7.5	7.5	U
Azobenzene/1,2-Diphenylhydrazine	ug/kg	73	73	U	65	65	U	68	68	U
Benzidine	ug/kg	1600	1600	UJ	1300	1300	UJ	1500	1500	UJ
Benzo(a)anthracene	ug/kg	8.1	8.1	U	7.2	7.2	U	7.5	7.5	U
Benzo(a)pyrene	ug/kg	8.1	8.1	U	7.2	7.2	U	7.5	7.5	U
Benzo(b)fluoranthene	ug/kg	8.1	8.1	U	7.2	7.2	U	7.5	7.5	U
Benzo(g,h,i)perylene	ug/kg	8.1	8.1	U	7.2	7.2	U	7.5	7.5	U
Benzo(k)fluoranthene	ug/kg	8.1	8.1	U	7.2	7.2	U	7.5	7.5	U
Biphenyl	ug/kg	8.1	8.1	U	7.2	7.2	U	7.5	7.5	U
Bis(2-chloroethoxy)methane	ug/kg	73	73	U	65	65	U	68	68	U
Bis(2-chloroethyl)ether	ug/kg	73	73	U	65	65	U	68	68	U
Bis(2-chloroisopropyl)ether	ug/kg	73	73	U	65	65	U	68	68	U
Bis(2-ethylhexyl)phthalate	ug/kg	440	440	UQ	390	390	UJ	410	410	UJ
Butyl benzyl phthalate	ug/kg	73	73	U	65	65	U	68	68	U
Chrysene	ug/kg	8.1	8.1	U	7.2	7.2	U	7.5	7.5	U
Dibenzo(a,h)anthracene	ug/kg	8.1	8.1	U	7.2	7.2	U	7.5	7.5	U
Dibenzothiophene	ug/kg	8.1	8.1	U	7.2	7.2	U	7.5	7.5	U
Diethyl phthalate	ug/kg	73	73	U	65	65	U	68	68	U
Dimethyl phthalate	ug/kg	73	73	U	65	65	U	68	68	U
Di-n-butyl phthalate	ug/kg	440	440	U	390	390	U	410	410	U
Di-n-octyl phthalate	ug/kg	73	73	U	65	65	U	68	68	U
Fluoranthene	ug/kg	8.1	8.1	U	7.2	7.2	U	7.5	7.5	U
Fluorene	ug/kg	8.1	8.1	U	7.2	7.2	U	7.5	7.5	U
Hexachlorobenzene	ug/kg	73	73	U	65	65	U	68	68	U
Hexachlorobutadiene	ug/kg	220	220	U	190	190	U	200	200	U
Hexachlorocyclopentadiene	ug/kg	73	73	U	65	65	U	68	68	U
Hexachloroethane	ug/kg	220	220	U	190	190	U	200	200	U

Table 2: Location 17 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	17-A	MDL	Remark	17-A Deep	MDL	Remark	17-B	MDL	Remark
Indeno(1,2,3-cd)pyrene	ug/kg	8.1	8.1	U	7.2	7.2	U	7.5	7.5	U
Isophorone	ug/kg	73	73	U	65	65	U	68	68	U
Naphthalene	ug/kg	8.1	8.1	U	7.2	7.2	U	7.5	7.5	U
Nitrobenzene	ug/kg	73	73	U	65	65	U	68	68	U
N-Nitrosodimethylamine	ug/kg	440	440	U	390	390	U	410	410	U
N-Nitrosodi-n-propylamine	ug/kg	73	73	U	65	65	U	68	68	U
N-Nitrosodiphenylamine/ Diphenylamine	ug/kg	73	73	U	65	65	U	68	68	U
Pentachlorophenol	ug/kg	73	73	U	65	65	U	68	68	U
Phenanthrene	ug/kg	8.1	8.1	U	7.2	7.2	U	7.5	7.5	U
Phenol	ug/kg	73	73	U	65	65	U	68	68	U
Pyrene	ug/kg	8.1	8.1	U	7.2	7.2	U	7.5	7.5	U
TRPH	mg/kg	13	13	U	11	11	U	12	12	U
Pesticides/Herbicides/PCBs	Units	17-A	MDL	Remark	17-A Deep	MDL	Remark	17-B	MDL	Remark
2,4,5-T	ug/kg	7.9	7.9	U						
2,4-D	ug/kg	7.9	7.9	U						
3-Hydroxycarbofuran	ug/kg	0.61	0.61	UJ						
Acifluorfen	ug/kg	7.9	7.9	U						
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 17 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	17-A	MDL	Remark	17-A Deep	MDL	Remark	17-B	MDL	Remark
Silvex	ug/kg	7.9	7.9	U						
Alachlor	ug/kg	12	12	U	11	11	U	11	11	U
Aldrin	ug/Kg	0.4	0.4	U	0.36	0.36	U	0.38	0.38	U
Alpha-BHC	ug/Kg	0.4	0.4	U	0.36	0.36	U	0.38	0.38	U
Ametryn	ug/kg	2	2	U	1.8	1.8	U	1.9	1.9	U
Atrazine	ug/kg	2	2	U	1.8	1.8	U	1.9	1.9	U
Azinphos Methyl	ug/kg	6.1	6.1	UJ	5.4	5.4	UJ	5.7	5.7	UJ
Beta-BHC	ug/Kg	0.4	0.4	U	0.36	0.36	U	0.49	0.49	U
Bromacil	ug/kg	8.1	8.1	U	7.2	7.2	U	7.5	7.5	U
Chlordane	ug/Kg	6.1	6.1	U	5.4	5.4	U	5.7	5.7	U
Chlorpyrifos Ethyl	ug/kg	2	2	U	1.8	1.8	U	1.9	1.9	U
Chlorpyrifos Methyl	ug/kg	4	4	U	3.6	3.6	U	3.8	3.8	U
DDD-p,p'	ug/Kg	0.81	0.81	U	0.72	0.72	U	0.75	0.75	U
DDE-p,p'	ug/Kg	0.81	0.81	U	0.72	0.72	U	0.75	0.75	U
DDT-p,p'	ug/Kg	1.2	1.2	U	1.6	1.1	I	1.1	1.1	U
Delta-BHC	ug/Kg	0.81	0.81	U	0.72	0.72	U	0.75	0.75	U
Diazinon	ug/kg	2	2	U	1.8	1.8	U	1.9	1.9	U
Dieldrin	ug/Kg	0.4	0.4	U	0.36	0.36	U	0.38	0.38	U
Endosulfan I	ug/Kg	0.4	0.4	U	0.36	0.36	U	0.38	0.38	U
Endosulfan II	ug/Kg	0.4	0.4	U	0.36	0.36	U	0.38	0.38	U
Endosulfan Sulfate	ug/Kg	0.81	0.81	U	0.72	0.72	U	0.75	0.75	U
Endrin	ug/Kg	2	2	U	1.8	1.8	U	1.9	1.9	U
Endrin Aldehyde	ug/Kg	0.81	0.81	U	0.72	0.72	U	0.75	0.75	U
Ethion	ug/kg	2	2	U	1.8	1.8	U	1.9	1.9	U
Ethoprop	ug/kg	2	2	U	1.8	1.8	U	1.9	1.9	U
Fenamiphos	ug/kg	8.1	8.1	U	7.2	7.2	U	7.5	7.5	U
Fonofos	ug/kg	2	2	U	1.8	1.8	U	1.9	1.9	U
Gamma-BHC	ug/Kg	0.4	0.4	U	0.36	0.36	U	0.38	0.38	U
Heptachlor	ug/Kg	0.4	0.4	U	0.36	0.36	U	0.38	0.38	U

Table 2: Location 17 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	17-A	MDL	Remark	17-A Deep	MDL	Remark	17-B	MDL	Remark
Heptachlor Epoxide	ug/kg	0.4	0.4	U	0.36	0.36	U	0.38	0.38	U
Hexazinone	ug/kg	4	4	U	3.6	3.6	U	3.8	3.8	U
Malathion	ug/kg	4	4	U	3.6	3.6	U	3.8	3.8	U
Methamidophos	ug/kg	20	20	U	18	18	U	19	19	U
Methoxychlor	ug/kg	2	2	U	1.8	1.8	U	1.9	1.9	U
Metolachlor	ug/kg	12	12	U	11	11	U	11	11	U
Metribuzin	ug/kg	4	4	U	3.6	3.6	U	3.8	3.8	U
Mevinphos	ug/kg	8.1	8.1	U	7.2	7.2	U	7.5	7.5	U
Monocrotophos	ug/kg	20	20	U	18	18	U	19	19	U
Naled	ug/kg	16	16	U	14	14	U	15	15	U
Norflurazon	ug/kg	4	4	U	3.6	3.6	U	3.8	3.8	U
Parathion Ethyl	ug/kg	4	4	U	3.6	3.6	U	3.8	3.8	U
Parathion Methyl	ug/kg	4	4	U	3.6	3.6	U	3.8	3.8	U
PCB-1016	ug/Kg	12	12	U	11	11	U	11	11	U
PCB-1221	ug/Kg	8.1	8.1	U	7.2	7.2	U	7.5	7.5	U
PCB-1232	ug/Kg	18	18	U	16	16	U	17	17	U
PCB-1242	ug/Kg	12	12	U	11	11	U	11	11	U
PCB-1248	ug/Kg	8.1	8.1	U	7.2	7.2	U	7.5	7.5	U
PCB-1254	ug/Kg	8.1	8.1	U	7.2	7.2	U	7.5	7.5	U
PCB-1260	ug/Kg	12	12	U	11	11	U	11	11	U
Phorate	ug/kg	2	2	U	1.8	1.8	U	1.9	1.9	U
Prometryn	ug/kg	4	4	U	3.6	3.6	U	3.8	3.8	U
Simazine	ug/kg	2	2	U	1.8	1.8	U	1.9	1.9	U
Toxaphene	ug/Kg	30	30	U	27	27	U	28	28	U
Diquat	mg/Kg	0.055	0.055	U						
Paraquat	mg/Kg	0.068	0.068	U						
Metals	Units	17-A	MDL	Remark	17-A Deep	MDL	Remark	17-B	MDL	Remark
Mercury	mg/Kg	0.017	0.0048	I	0.024	0.006	I	0.017	0.0035	
Antimony	mg/Kg	0.15	0.15	U	0.13	0.13	U	0.14	0.14	U

Table 2: Location 17 Soil Sample Chemical Results

Metals	Units	17-A	MDL	Remark	17-A Deep	MDL	Remark	17-B	MDL	Remark
Arsenic	mg/Kg	0.7	0.061		0.67	0.053		2.65	0.056	
Barium	mg/Kg	11.5	0.061		8.4	0.053		11.1	0.056	
Beryllium	mg/Kg	0.157	0.024		0.156	0.021		0.166	0.023	
Cadmium	mg/Kg	0.069	0.03	I	0.11	0.027		0.043	0.028	I
Chromium	mg/Kg	5.96	0.15		6.67	0.13		5.79	0.14	
Cobalt	mg/Kg	0.54	0.012		0.583	0.011		0.521	0.011	
Copper	mg/Kg	5.55	0.15		2.93	0.13		1.47	0.14	
Lead	mg/Kg	1.97	0.23		3.27	0.2		2.71	0.21	
Nickel	mg/Kg	1.73	0.15		2.04	0.13		1.54	0.14	
Selenium	mg/Kg	0.63	0.091		0.34	0.08		0.25	0.085	I
Silver	mg/Kg	0.0089	0.0076	I	0.014	0.0066	I	0.016	0.007	I
Thallium	mg/Kg	0.031	0.03	I	0.027	0.027	I	0.028	0.028	U
Zinc	mg/Kg	31.6	1.2		4.3	1.1		2.6	1.1	I
Dioxins/Furans	Units	17-A	MDL	Remark	17-A Deep	MDL	Remark	17-B	MDL	Remark
1,2,3,4,6,7,8-HpCDD	ng/Kg	1.11	2.5	I						
1,2,3,4,6,7,8-HpCDF	ng/Kg	0.237	2.5	I						
1,2,3,4,7,8,9-HpCDF	ng/Kg	0.0742	2.5	U						
1,2,3,4,7,8-HxCDD	ng/Kg	0.0514	2.5	U						
1,2,3,4,7,8-HxCDF	ng/Kg	0.0535	2.5	U						
1,2,3,6,7,8-HxCDD	ng/Kg	0.046	2.5	U						
1,2,3,6,7,8-HxCDF	ng/Kg	0.0518	2.5	U						
1,2,3,7,8,9-HxCDD	ng/Kg	0.05	2.5	U						
1,2,3,7,8,9-HxCDF	ng/Kg	0.0654	2.5	U						
1,2,3,7,8-PeCDD	ng/Kg	0.0692	2.5	U						
1,2,3,7,8-PeCDF	ng/Kg	0.0465	2.5	U						
2,3,4,6,7,8-HxCDF	ng/Kg	0.0588	2.5	U						
2,3,4,7,8-PeCDF	ng/Kg	0.0455	2.5	U						
2,3,7,8-TCDD	ng/Kg	0.0578	1	U						
2,3,7,8-TCDF	ng/Kg	0.0585	1	U						

Table 2: Location 17 Soil Sample Chemical Results

Dioxins/Furans	Units	17-A	MDL	Remark	17-A Deep	MDL	Remark	17-B	MDL	Remark
OCDD	ng/Kg	10.7	5.01	V						
OCDF	ng/Kg	0.55	5.01	I						
Total Hepta-Dioxins	ng/Kg	2.89	2.5							
Total Hepta-Furans	ng/Kg	0.589	2.5	I						
Total Hexa-Dioxins	ng/Kg	0.55	2.5	I						
Total Hexa-Furans	ng/Kg	0.0518	2.5	U						
Total Penta-Dioxins	ng/Kg	0.178	2.5	I						
Total Penta-Furans	ng/Kg	0.183	2.5	I						
Total Tetra-Dioxins	ng/Kg	0.894	1	I						
Total Tetra-Furans	ng/Kg	1.11	1							
Calculated Total Toxicity Equivalents (TEQ)	Units	17-A			17-A Deep			17-B		
Dioxins as total 2,3,7,8-TCDD	ng/Kg	0.113								
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 17 Soil Sample Radionuclide Results

Radionuclides	Units	17-A	Remark	17-A Deep	Remark	17-B	Remark
Actinium-228	pCi/g	0.173	U	0.279		0.227	U
Actinium-228 Uncertainty	pCi/g	0.0983		0.105		0.119	
Alpha Uncertainty	pCi/g	2.95		3.75		2.3	
Alpha, Total	pCi/g	5.26		9.06		3.34	
Americium-241	pCi/g	0.13	U	0.103	U	0.164	U
Americium-241 Uncertainty	pCi/g	0.0702		0.0552		0.0895	
Antimony-124	pCi/g	0.169	U	0.179	U	0.202	U
Antimony-124 Uncertainty	pCi/g	0.0977		0.107		0.115	
Antimony-125	pCi/g	0.0859	U	0.1	U	0.109	U
Antimony-125 Uncertainty	pCi/g	0.0495		0.056		0.0588	
Barium-133	pCi/g	0.0413	U	0.0419	U	0.0459	U
Barium-133 Uncertainty	pCi/g	0.0265		0.0296		0.0307	
Barium-140	pCi/g	7.48	U	7.95	U	8.48	U
Barium-140 Uncertainty	pCi/g	4.15		4.34		4.91	
Beryllium-7	pCi/g	0.689	U	0.712	U	0.732	U
Beryllium-7 Uncertainty	pCi/g	0.41		0.388		0.455	
Beta Uncertainty	pCi/g	2.49		1.78		1.6	
Beta, Total	pCi/g	4.3		3.36	U	2.88	U
Bismuth-212	pCi/g	0.497	U	0.618	U	0.493	U
Bismuth-212 Uncertainty	pCi/g	0.286		0.33		0.275	
Bismuth-214	pCi/g	0.651		0.509		0.316	
Bismuth-214 Uncertainty	pCi/g	0.117		0.102		0.0935	
Cerium-139	pCi/g	0.0451	U	0.0383	U	0.0427	U
Cerium-139 Uncertainty	pCi/g	0.0248		0.0222		0.0245	
Cerium-141	pCi/g	0.258	U	0.231	U	0.257	U
Cerium-141 Uncertainty	pCi/g	0.14		0.129		0.151	
Cerium-144	pCi/g	0.23	U	0.212	U	0.22	U
Cerium-144 Uncertainty	pCi/g	0.123		0.119		0.124	

Table 3: Location 17 Soil Sample Radionuclide Results

Radionuclides	Units	17-A	Remark	17-A Deep	Remark	17-B	Remark
Cesium-134	pCi/g	0.0437	U	0.0499	U	0.0496	U
Cesium-134 Uncertainty	pCi/g	0.0257		0.0268		0.0289	
Cesium-136	pCi/g	2.51	U	2.44	U	2.7	U
Cesium-136 Uncertainty	pCi/g	1.47		1.63		1.55	
Cesium-137	pCi/g	0.0347	U	0.0395	U	0.047	U
Cesium-137 Uncertainty	pCi/g	0.021		0.0227		0.0242	
Chromium-51	pCi/g	1.83	U	1.73	U	1.92	U
Chromium-51 Uncertainty	pCi/g	1.02		1.03		1.11	
Cobalt-56	pCi/g	0.0705	U	0.0628	U	0.0638	U
Cobalt-56 Uncertainty	pCi/g	0.0392		0.0356		0.0365	
Cobalt-57	pCi/g	0.0302	U	0.0281	U	0.0331	U
Cobalt-57 Uncertainty	pCi/g	0.0175		0.0158		0.0176	
Cobalt-58	pCi/g	0.0642	U	0.0705	U	0.065	U
Cobalt-58 Uncertainty	pCi/g	0.0381		0.0443		0.0438	
Cobalt-60	pCi/g	0.0349	U	0.0298	U	0.0263	U
Cobalt-60 Uncertainty	pCi/g	0.0187		0.0175		0.0198	
Europium-152	pCi/g	0.0932	U	0.102	U	0.104	U
Europium-152 Uncertainty	pCi/g	0.0639		0.058		0.0624	
Europium-154	pCi/g	0.0993	U	0.113	U	0.106	U
Europium-154 Uncertainty	pCi/g	0.0601		0.066		0.0601	
Europium-155	pCi/g	0.105	U	0.091	U	0.109	U
Europium-155 Uncertainty	pCi/g	0.0588		0.0519		0.0574	
Iridium-192	pCi/g	0.0669	U	0.0639	U	0.0635	U
Iridium-192 Uncertainty	pCi/g	0.0365		0.0363		0.0349	
Iron-59	pCi/g	0.193	U	0.19	U	0.199	U
Iron-59 Uncertainty	pCi/g	0.116		0.115		0.13	
Lead-210	pCi/g	3.29	U	1.77	U	6.09	U
Lead-210 Uncertainty	pCi/g	1.76		0.972		3.48	

Table 3: Location 17 Soil Sample Radionuclide Results

Radionuclides	Units	17-A	Remark	17-A Deep	Remark	17-B	Remark
Lead-212	pCi/g	0.19		0.271		0.234	
Lead-212 Uncertainty	pCi/g	0.0522		0.0576		0.0689	
Lead-214	pCi/g	0.788		0.658		0.275	
Lead-214 Uncertainty	pCi/g	0.141		0.123		0.0984	
Manganese-54	pCi/g	0.0384	U	0.0454	U	0.035	U
Manganese-54 Uncertainty	pCi/g	0.0219		0.0276		0.0233	
Mercury-203	pCi/g	0.0975	U	0.0969	U	0.115	U
Mercury-203 Uncertainty	pCi/g	0.0555		0.0556		0.0629	
Neodymium-147	pCi/g	26.9	U	29.6	U	29.8	U
Neodymium-147 Uncertainty	pCi/g	15.3		15.6		17	
Neptunium-239	pCi/g	0.394	U	0.355	U	0.409	U
Neptunium-239 Uncertainty	pCi/g	0.242		0.197		0.228	
Niobium-94	pCi/g	0.0309	U	0.0385	U	0.0322	U
Niobium-94 Uncertainty	pCi/g	0.018		0.0206		0.0186	
Niobium-95	pCi/g	0.0865	U	0.0982	U	0.0892	U
Niobium-95 Uncertainty	pCi/g	0.0536		0.0534		0.048	
Potassium-40	pCi/g	1.34		0.703		0.275	UJ
Potassium-40 Uncertainty	pCi/g	0.38		0.396		0.283	
Promethium-144	pCi/g	0.0352	U	0.0399	U	0.0405	U
Promethium-144 Uncertainty	pCi/g	0.0239		0.0219		0.0227	
Promethium-146	pCi/g	0.0406	U	0.0406	U	0.0443	U
Promethium-146 Uncertainty	pCi/g	0.0245		0.0244		0.0268	
Radium-228	pCi/g	0.173	U	0.279		0.227	U
Radium-228 Uncertainty	pCi/g	0.0983		0.105		0.119	
Ruthenium-106	pCi/g	0.339	U	0.377	U	0.397	U
Ruthenium-106 Uncertainty	pCi/g	0.193		0.208		0.218	
Silver-110m	pCi/g	0.0552	U	0.0548	U	0.055	U
Silver-110m Uncertainty	pCi/g	0.0315		0.0318		0.0317	

Table 3: Location 17 Soil Sample Radionuclide Results

Radionuclides	Units	17-A	Remark	17-A Deep	Remark	17-B	Remark
Sodium-22	pCi/g	0.0361	U	0.0407	U	0.039	U
Sodium-22 Uncertainty	pCi/g	0.0219		0.024		0.022	
Thallium-208	pCi/g	0.0993		0.069		0.0368	
Thallium-208 Uncertainty	pCi/g	0.0365		0.0329		0.0337	
Thorium-234	pCi/g	1.39	U	1.06	U	1.89	U
Thorium-234 Uncertainty	pCi/g	0.738		0.562		0.956	
Tin-113	pCi/g	0.0674	U	0.0669	U	0.0726	U
Tin-113 Uncertainty	pCi/g	0.0361		0.0346		0.0428	
Uranium-235	pCi/g	0.228	U	0.184	U	0.234	U
Uranium-235 Uncertainty	pCi/g	0.127		0.11		0.13	
Uranium-238	pCi/g	1.39	U	1.06	U	1.89	U
Uranium-238 Uncertainty	pCi/g	0.738		0.562		0.956	
Yttrium-88	pCi/g	0.0587	U	0.0463	U	0.0454	U
Yttrium-88 Uncertainty	pCi/g	0.0317		0.0301		0.0299	
Zinc-65	pCi/g	0.103	U	0.0934	U	0.0831	U
Zinc-65 Uncertainty	pCi/g	0.0613		0.0634		0.0553	
Zirconium-95	pCi/g	0.114	U	0.0983	U	0.137	U
Zirconium-95 Uncertainty	pCi/g	0.071		0.0705		0.0764	

Location 18

Table 1: Summary of Residential SCTL Exceedances in Soil Samples Collected from Location 18
March/April 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation

Analyte	Residential SCTL	18-A	18-A Deep	18-B	18-C
<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 18 Soil Sample Chemical Results

Volatile Organic Compounds	Units	18-A	MDL	Remark	18-A Deep	MDL	Remark	18-B	MDL	Remark	18-C	MDL	Remark
1,1,1-Trichloroethane	ug/kg	5.2	5.2	U	5.2	5.2	U	5.5	5.5	U	4.8	4.8	U
1,1,2,2-Tetrachloroethane	ug/kg	13	13	U	13	13	U	14	14	U	12	12	UJ
1,1,2-Trichloroethane	ug/kg	5.2	5.2	U	5.2	5.2	U	5.5	5.5	U	4.8	4.8	U
1,1-Dichloroethane	ug/kg	5.2	5.2	U	5.2	5.2	U	5.5	5.5	U	4.8	4.8	U
1,1-Dichloroethene	ug/kg	13	13	U	13	13	U	14	14	U	12	12	U
1,2-Dichlorobenzene	ug/kg	13	13	U	13	13	U	14	14	U	12	12	U
1,2-Dichloroethane	ug/kg	5.2	5.2	U	5.2	5.2	U	5.5	5.5	U	4.8	4.8	U
1,2-Dichloropropane	ug/kg	13	13	U	13	13	U	14	14	U	12	12	U
1,3-Dichlorobenzene	ug/kg	13	13	U	13	13	U	14	14	U	12	12	U
1,4-Dichlorobenzene	ug/kg	13	13	U	13	13	U	14	14	U	12	12	U
2-Butanone	ug/kg	130	130	U	130	130	U	140	140	U	120	120	U
2-Chloroethylvinyl ether	ug/kg	13	13	U	13	13	U	14	14	U	12	12	U
Benzene	ug/kg	5.2	5.2	U	5.2	5.2	U	5.5	5.5	U	4.8	4.8	U
Bromodichloromethane	ug/kg	5.2	5.2	U	5.2	5.2	U	5.5	5.5	U	4.8	4.8	U
Bromoform	ug/kg	13	13	UJ	13	13	UJ	14	14	UJ	12	12	U
Bromomethane	ug/kg	13	13	U	13	13	U	14	14	U	12	12	U
Carbon tetrachloride	ug/kg	5.2	5.2	U	5.2	5.2	U	5.5	5.5	U	4.8	4.8	U
Chlorobenzene	ug/kg	5.2	5.2	U	5.2	5.2	U	5.5	5.5	U	4.8	4.8	U
Chloroethane	ug/kg	13	13	U	13	13	U	14	14	U	12	12	U
Chloroform	ug/kg	5.2	5.2	U	5.2	5.2	U	5.5	5.5	U	4.8	4.8	U
Chloromethane	ug/kg	13	13	U	13	13	U	14	14	U	12	12	U
cis-1,2-Dichloroethene	ug/kg	13	13	U	13	13	U	14	14	U	12	12	U
cis-1,3-Dichloropropene	ug/kg	13	13	U	13	13	U	14	14	U	12	12	UJ
Dibromochloromethane	ug/kg	5.2	5.2	U	5.2	5.2	U	5.5	5.5	U	4.8	4.8	U
Ethylbenzene	ug/kg	13	13	U	13	13	U	14	14	U	12	12	U
m,p-Xylene	ug/kg	13	13	U	13	13	U	14	14	U	12	12	U
Methylene chloride	ug/kg	13	13	U	13	13	U	14	14	U	12	12	U
Methyl-t-butyl ether	ug/kg	13	13	U	13	13	U	14	14	U	12	12	U
o-Xylene	ug/kg	5.2	5.2	U	5.2	5.2	U	5.5	5.5	U	4.8	4.8	U

Table 2: Location 18 Soil Sample Chemical Results

Volatile Organic Compounds	Units	18-A	MDL	Remark	18-A Deep	MDL	Remark	18-B	MDL	Remark	18-C	MDL	Remark
Tetrachloroethene	ug/kg	13	13	U	13	13	U	14	14	U	12	12	U
Toluene	ug/kg	13	13	U	13	13	U	14	14	U	12	12	U
trans-1,2-Dichloroethene	ug/kg	13	13	U	13	13	U	14	14	U	12	12	U
trans-1,3-Dichloropropene	ug/kg	5.2	5.2	U	5.2	5.2	U	5.5	5.5	U	4.8	4.8	U
Trichloroethene	ug/kg	5.2	5.2	U	5.2	5.2	U	5.5	5.5	U	4.8	4.8	U
Trichlorofluoromethane	ug/kg	13	13	U	13	13	U	14	14	U	12	12	U
Vinyl chloride	ug/kg	13	13	U	13	13	U	14	14	U	12	12	U
Semi-Volatile Organic Compounds	Units	18-A	MDL	Remark	18-A Deep	MDL	Remark	18-B	MDL	Remark	18-C	MDL	Remark
1,2,4-Trichlorobenzene	ug/kg	240	240	U	210	210	U	220	220	U	240	240	U
1-Methylnaphthalene	ug/kg	8.8	8.8	U	7.8	7.8	U	8.2	8.2	U	8.8	8.8	U
1-Methylphenanthrene	ug/kg	8.8	8.8	U	7.8	7.8	U	8.2	8.2	U	8.8	8.8	U
2,3,5-Trimethylnaphthalene	ug/kg	8.8	8.8	U	7.8	7.8	U	8.2	8.2	U	8.8	8.8	U
2,4,6-Trichlorophenol	ug/kg	79	79	U	70	70	U	73	73	U	79	79	U
2,4-Dichlorophenol	ug/kg	79	79	U	70	70	U	73	73	U	79	79	U
2,4-Dimethylphenol	ug/kg	470	470	U	420	420	U	440	440	U	480	480	U
2,4-Dinitrophenol	ug/kg	470	470	U	420	420	U	440	440	U	480	480	U
2,4-Dinitrotoluene	ug/kg	79	79	U	70	70	U	73	73	U	79	79	U
2,6-Dimethylnaphthalene	ug/kg	8.8	8.8	U	7.8	7.8	U	8.2	8.2	U	8.8	8.8	U
2,6-Dinitrotoluene	ug/kg	79	79	U	70	70	U	73	73	U	79	79	U
2-Chloronaphthalene	ug/kg	79	79	U	70	70	U	73	73	U	79	79	U
2-Chlorophenol	ug/kg	240	240	U	210	210	U	220	220	U	240	240	U
2-Methyl-4,6-dinitrophenol	ug/kg	79	79	U	70	70	U	73	73	U	79	79	U
2-Methylnaphthalene	ug/Kg	8.8	8.8	U	7.8	7.8	U	8.2	8.2	U	8.8	8.8	U
2-Nitrophenol	ug/kg	79	79	U	70	70	U	73	73	U	79	79	U
3,3'-Dichlorobenzidine	ug/kg	4700	4700	U	4200	4200	U	4400	4400	U	4800	4800	U
4-Bromophenyl phenyl ether	ug/kg	79	79	U	70	70	U	73	73	U	79	79	U
4-Chloro-3-methylphenol	ug/kg	79	79	U	70	70	U	73	73	U	79	79	U
4-Chlorophenyl phenyl ether	ug/kg	79	79	U	70	70	U	73	73	U	79	79	U
4-Nitrophenol	ug/kg	79	79	U	70	70	U	73	73	U	79	79	U

Table 2: Location 18 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	18-A	MDL	Remark	18-A Deep	MDL	Remark	18-B	MDL	Remark	18-C	MDL	Remark
Acenaphthene	ug/kg	8.8	8.8	U	7.8	7.8	U	8.2	8.2	U	8.8	8.8	U
Acenaphthylene	ug/kg	8.8	8.8	UQ	7.8	7.8	U	8.2	8.2	U	8.8	8.8	U
Anthracene	ug/kg	8.8	8.8	U	7.8	7.8	U	8.2	8.2	U	8.8	8.8	U
Azobenzene/1,2-Diphenylhydrazine	ug/kg	79	79	U	70	70	U	73	73	U	79	79	U
Benzidine	ug/kg	1700	1700	U	1500	1500	U	1600	1600	U	1700	1700	U
Benzo(a)anthracene	ug/kg	8.8	8.8	U	7.8	7.8	U	8.2	8.2	U	8.8	8.8	U
Benzo(a)pyrene	ug/kg	8.8	8.8	U	7.8	7.8	U	8.2	8.2	U	8.8	8.8	U
Benzo(b)fluoranthene	ug/kg	8.8	8.8	U	7.8	7.8	U	8.2	8.2	U	8.8	8.8	U
Benzo(g,h,i)perylene	ug/kg	8.8	8.8	U	7.8	7.8	U	8.2	8.2	U	8.8	8.8	U
Benzo(k)fluoranthene	ug/kg	8.8	8.8	U	7.8	7.8	U	8.2	8.2	U	8.8	8.8	U
Biphenyl	ug/kg	8.8	8.8	U	7.8	7.8	U	8.2	8.2	U	8.8	8.8	U
Bis(2-chloroethoxy)methane	ug/kg	79	79	U	70	70	U	73	73	U	79	79	U
Bis(2-chloroethyl)ether	ug/kg	79	79	U	70	70	U	73	73	U	79	79	U
Bis(2-chloroisopropyl)ether	ug/kg	79	79	U	70	70	U	73	73	U	79	79	U
Bis(2-ethylhexyl)phthalate	ug/kg	470	470	U	420	420	U	440	440	U	480	480	UJ
Butyl benzyl phthalate	ug/kg	79	79	U	70	70	U	73	73	U	79	79	U
Chrysene	ug/kg	8.8	8.8	U	7.8	7.8	U	8.2	8.2	U	8.8	8.8	U
Dibenzo(a,h)anthracene	ug/kg	8.8	8.8	U	7.8	7.8	U	8.2	8.2	U	8.8	8.8	U
Dibenzothiophene	ug/kg	8.8	8.8	U	7.8	7.8	U	8.2	8.2	U	8.8	8.8	U
Diethyl phthalate	ug/kg	79	79	U	70	70	U	73	73	U	79	79	U
Dimethyl phthalate	ug/kg	79	79	U	70	70	U	73	73	U	79	79	U
Di-n-butyl phthalate	ug/kg	470	470	U	420	420	U	440	440	U	480	480	UJ
Di-n-octyl phthalate	ug/kg	79	79	U	70	70	U	73	73	U	79	79	UJ
Fluoranthene	ug/kg	8.8	8.8	U	7.8	7.8	U	8.2	8.2	U	8.8	8.8	U
Fluorene	ug/kg	8.8	8.8	U	7.8	7.8	U	8.2	8.2	U	8.8	8.8	U
Hexachlorobenzene	ug/kg	79	79	U	70	70	U	73	73	U	79	79	U
Hexachlorobutadiene	ug/kg	240	240	U	210	210	U	220	220	U	240	240	U
Hexachlorocyclopentadiene	ug/kg	79	79	UJ	70	70	UJ	73	73	UJ	79	79	U
Hexachloroethane	ug/kg	240	240	U	210	210	U	220	220	U	240	240	U

Table 2: Location 18 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	18-A	MDL	Remark	18-A Deep	MDL	Remark	18-B	MDL	Remark	18-C	MDL	Remark
Indeno(1,2,3-cd)pyrene	ug/kg	8.8	8.8	U	7.8	7.8	U	8.2	8.2	U	8.8	8.8	U
Isophorone	ug/kg	79	79	U	70	70	U	73	73	U	79	79	U
Naphthalene	ug/kg	8.8	8.8	U	7.8	7.8	U	8.2	8.2	U	8.8	8.8	U
Nitrobenzene	ug/kg	79	79	U	70	70	U	73	73	U	79	79	U
N-Nitrosodimethylamine	ug/kg	470	470	U	420	420	U	440	440	U	480	480	U
N-Nitrosodi-n-propylamine	ug/kg	79	79	U	70	70	U	73	73	U	79	79	U
N-Nitrosodiphenylamine/ Diphenylamine	ug/kg	79	79	U	70	70	U	73	73	U	79	79	U
Pentachlorophenol	ug/kg	79	79	U	70	70	U	73	73	U	79	79	U
Phenanthrene	ug/kg	8.8	8.8	U	7.8	7.8	U	8.2	8.2	U	8.8	8.8	U
Phenol	ug/kg	79	79	U	70	70	U	73	73	U	79	79	U
Pyrene	ug/kg	8.8	8.8	U	7.8	7.8	U	8.2	8.2	U	8.8	8.8	U
TRPH	mg/kg	22	14	I	12	12	U	13	13	U	190	14	
Pesticides/Herbicides/PCBs	Units	18-A	MDL	Remark	18-A Deep	MDL	Remark	18-B	MDL	Remark	18-C	MDL	Remark
2,4,5-T	ug/kg										8.6	8.6	U
2,4-D	ug/kg										8.6	8.6	U
3-Hydroxycarbofuran	ug/kg										0.66	0.66	UJ
Acifluorfen	ug/kg										8.6	8.6	U
Aldicarb	ug/kg										0.66	0.66	UJ
Aldicarb Sulfone	ug/kg										0.66	0.66	UJ
Aldicarb Sulfoxide	ug/kg										0.66	0.66	UJ
Carbaryl	ug/kg										0.66	0.66	UJ
Carbofuran	ug/kg										0.66	0.66	UJ
Diuron	ug/kg										7.9	7.9	U
Imidacloprid	ug/kg										7.9	7.9	U
Linuron	ug/kg										7.9	7.9	U
Methiocarb	ug/kg										0.66	0.66	UJ
Methomyl	ug/kg										0.66	0.66	UJ
Oxamyl	ug/kg										0.66	0.66	UJ
Propoxur	ug/kg										0.66	0.66	UJ

Table 2: Location 18 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	18-A	MDL	Remark	18-A Deep	MDL	Remark	18-B	MDL	Remark	18-C	MDL	Remark
Silvex	ug/kg										8.6	8.6	U
Alachlor	ug/kg	13	13	U	12	12	U	12	12	U	13	13	U
Aldrin	ug/Kg	0.44	0.44	U	0.39	0.39	U	0.41	0.41	U	0.44	0.44	U
Alpha-BHC	ug/Kg	0.44	0.44	U	0.39	0.39	U	0.41	0.41	U	0.44	0.44	U
Ametryn	ug/kg	2.2	2.2	U	1.9	1.9	U	2	2	U	2.2	2.2	U
Atrazine	ug/kg	3.4	2.2	I	1.9	1.9	U	2	2	U	2.2	2.2	U
Azinphos Methyl	ug/kg	6.6	6.6	U	5.8	5.8	U	6.1	6.1	U	6.6	6.6	U
Beta-BHC	ug/Kg	0.44	0.44	U	0.39	0.39	U	0.41	0.41	U	0.44	0.44	U
Bromacil	ug/kg	8.8	8.8	U	7.8	7.8	U	8.2	8.2	U	8.8	8.8	U
Chlordane	ug/Kg	31	6.6		5.8	5.8	U	17	6.1	I	6.6	6.6	U
Chlorpyrifos Ethyl	ug/kg	2.2	2.2	U	1.9	1.9	U	2	2	U	2.2	2.2	U
Chlorpyrifos Methyl	ug/kg	4.4	4.4	U	3.9	3.9	U	4.1	4.1	U	4.4	4.4	U
DDD-p,p'	ug/Kg	0.88	0.88	U	0.78	0.78	U	0.82	0.82	U	0.88	0.88	U
DDE-p,p'	ug/Kg	0.88	0.88	U	0.78	0.78	U	0.82	0.82	U	0.88	0.88	U
DDT-p,p'	ug/Kg	1.3	1.3	U	1.2	1.2	U	1.2	1.2	U	1.3	1.3	U
Delta-BHC	ug/Kg	0.88	0.88	U	0.78	0.78	U	0.82	0.82	U	0.88	0.88	U
Diazinon	ug/kg	2.2	2.2	U	1.9	1.9	U	2	2	U	2.2	2.2	U
Dieldrin	ug/Kg	0.79	0.79	U	0.39	0.39	U	0.41	0.41	U	0.44	0.44	U
Endosulfan I	ug/Kg	0.44	0.44	U	0.39	0.39	U	0.41	0.41	U	0.44	0.44	U
Endosulfan II	ug/Kg	0.44	0.44	UJ	0.39	0.39	UJ	0.41	0.41	UJ	0.44	0.44	U
Endosulfan Sulfate	ug/Kg	0.88	0.88	U	0.78	0.78	U	0.82	0.82	U	0.88	0.88	U
Endrin	ug/Kg	2.2	2.2	U	1.9	1.9	U	2	2	U	2.2	2.2	U
Endrin Aldehyde	ug/Kg	0.88	0.88	U	0.78	0.78	U	0.82	0.82	U	0.88	0.88	U
Ethion	ug/kg	2.2	2.2	U	1.9	1.9	U	2	2	U	2.2	2.2	U
Ethoprop	ug/kg	2.2	2.2	U	1.9	1.9	U	2	2	U	2.2	2.2	U
Fenamiphos	ug/kg	4.4	4.4	U	3.9	3.9	U	4.1	4.1	U	8.8	8.8	UJ
Fonofos	ug/kg	2.2	2.2	U	1.9	1.9	U	2	2	U	2.2	2.2	U
Gamma-BHC	ug/Kg	0.44	0.44	U	0.39	0.39	U	0.41	0.41	U	0.44	0.44	U
Heptachlor	ug/Kg	0.44	0.44	U	0.39	0.39	U	0.41	0.41	U	0.44	0.44	U

Table 2: Location 18 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	18-A	MDL	Remark	18-A Deep	MDL	Remark	18-B	MDL	Remark	18-C	MDL	Remark
Heptachlor Epoxide	ug/kg	0.44	0.44	U	0.39	0.39	U	0.41	0.41	U	0.44	0.44	U
Hexazinone	ug/kg	4.4	4.4	U	3.9	3.9	U	4.1	4.1	U	4.4	4.4	U
Malathion	ug/kg	4.4	4.4	U	3.9	3.9	U	4.1	4.1	U	4.4	4.4	U
Methamidophos	ug/kg	22	22	U	19	19	U	20	20	U	22	22	UJ
Methoxychlor	ug/kg	2.2	2.2	U	1.9	1.9	U	2	2	U	2.2	2.2	U
Metolachlor	ug/kg	13	13	U	12	12	U	12	12	U	13	13	U
Metribuzin	ug/kg	4.4	4.4	U	3.9	3.9	U	4.1	4.1	U	4.4	4.4	U
Mevinphos	ug/kg	8.8	8.8	U	7.8	7.8	U	8.2	8.2	U	8.8	8.8	U
Monocrotophos	ug/kg	22	22	U	19	19	U	20	20	U	22	22	UJ
Naled	ug/kg	18	18	UJ	16	16	UJ	16	16	UJ	18	18	U
Norflurazon	ug/kg	4.4	4.4	U	3.9	3.9	U	4.1	4.1	U	4.4	4.4	U
Parathion Ethyl	ug/kg	4.4	4.4	U	3.9	3.9	U	4.1	4.1	U	4.4	4.4	U
Parathion Methyl	ug/kg	4.4	4.4	U	3.9	3.9	U	4.1	4.1	U	4.4	4.4	U
PCB-1016	ug/Kg	13	13	U	12	12	U	12	12	U	13	13	U
PCB-1221	ug/Kg	8.8	8.8	U	7.8	7.8	U	8.2	8.2	U	8.8	8.8	U
PCB-1232	ug/Kg	20	20	U	18	18	U	18	18	U	20	20	U
PCB-1242	ug/Kg	13	13	U	12	12	U	12	12	U	13	13	U
PCB-1248	ug/Kg	8.8	8.8	U	7.8	7.8	U	8.2	8.2	U	8.8	8.8	U
PCB-1254	ug/Kg	8.8	8.8	U	7.8	7.8	U	8.2	8.2	U	8.8	8.8	U
PCB-1260	ug/Kg	13	13	U	12	12	U	12	12	U	13	13	U
Phorate	ug/kg	2.2	2.2	U	1.9	1.9	U	2	2	U	2.2	2.2	U
Prometryn	ug/kg	4.4	4.4	U	3.9	3.9	U	4.1	4.1	U	4.4	4.4	U
Simazine	ug/kg	2.2	2.2	U	1.9	1.9	U	2	2	U	2.2	2.2	U
Toxaphene	ug/Kg	33	33	U	29	29	U	31	31	U	33	33	U
Diquat	mg/Kg										0.061	0.061	U
Paraquat	mg/Kg										0.076	0.076	U
Metals	Units	18-A	MDL	Remark	18-A Deep	MDL	Remark	18-B	MDL	Remark	18-C	MDL	Remark
Mercury	mg/Kg	0.074	0.0038		0.02	0.0037		0.055	0.0043		0.028	0.0051	
Antimony	mg/Kg	0.17	0.17	UJ	0.15	0.15	UJ	0.15	0.15	UJ	0.16	0.16	UJ

Table 2: Location 18 Soil Sample Chemical Results

Metals	Units	18-A	MDL	Remark	18-A Deep	MDL	Remark	18-B	MDL	Remark	18-C	MDL	Remark
Arsenic	mg/Kg	2.1	0.066		0.38	0.058		1.57	0.059		0.92	0.065	A
Barium	mg/Kg	28.2	0.066		28.5	0.058		20	0.059		19.7	0.065	A
Beryllium	mg/Kg	0.15	0.027		0.166	0.023		0.142	0.024		0.3	0.026	A
Cadmium	mg/Kg	0.055	0.033	I	0.031	0.029	I	0.049	0.03	I	0.079	0.033	I
Chromium	mg/Kg	4.45	0.17		4.9	0.15		4.91	0.15		9.22	0.16	A
Cobalt	mg/Kg	0.743	0.013		0.352	0.012		0.649	0.012		0.601	0.013	A
Copper	mg/Kg	24.2	0.17		1.34	0.15		22	0.15		2	0.16	AJ
Lead	mg/Kg	6.68	0.25		3.2	0.22		4.17	0.22		3.38	0.24	A
Nickel	mg/Kg	1.92	0.17		1.24	0.15		2.08	0.15		1.89	0.16	A
Selenium	mg/Kg	0.6	0.099		0.46	0.087		0.6	0.089		0.51	0.098	A
Silver	mg/Kg	0.0083	0.0083	U	0.0073	0.0073	U	0.0075	0.0074	I	0.016	0.0082	U
Thallium	mg/Kg	0.033	0.033	U	0.029	0.029	U	0.03	0.03	U	0.072	0.033	I
Zinc	mg/Kg	7.1	1.3		1.2	1.2	U	8.9	1.2		5.2	1.3	I
Dioxins/Furans	Units	18-A	MDL	Remark	18-A Deep	MDL	Remark	18-B	MDL	Remark	18-C	MDL	Remark
1,2,3,4,6,7,8-HpCDD	ng/Kg										1.26	3.8	I
1,2,3,4,6,7,8-HpCDF	ng/Kg										0.217	3.8	I
1,2,3,4,7,8,9-HpCDF	ng/Kg										0.16	3.8	U
1,2,3,4,7,8-HxCDD	ng/Kg										0.0691	3.8	U
1,2,3,4,7,8-HxCDF	ng/Kg										0.072	3.8	U
1,2,3,6,7,8-HxCDD	ng/Kg										0.0612	3.8	U
1,2,3,6,7,8-HxCDF	ng/Kg										0.0691	3.8	U
1,2,3,7,8,9-HxCDD	ng/Kg										0.0666	3.8	U
1,2,3,7,8,9-HxCDF	ng/Kg										0.0901	3.8	U
1,2,3,7,8-PeCDD	ng/Kg										0.0436	3.8	U
1,2,3,7,8-PeCDF	ng/Kg										0.0341	3.8	U
2,3,4,6,7,8-HxCDF	ng/Kg										0.0772	3.8	U
2,3,4,7,8-PeCDF	ng/Kg										0.0338	3.8	U
2,3,7,8-TCDD	ng/Kg										0.0577	1.52	U
2,3,7,8-TCDF	ng/Kg										0.0486	1.52	U

Table 2: Location 18 Soil Sample Chemical Results

Dioxins/Furans	Units	18-A	MDL	Remark	18-A Deep	MDL	Remark	18-B	MDL	Remark	18-C	MDL	Remark
OCDD	ng/Kg										8.64	7.59	V
OCDF	ng/Kg										0.56	7.59	I
Total Hepta-Dioxins	ng/Kg										2.72	3.8	I
Total Hepta-Furans	ng/Kg										0.541	3.8	I
Total Hexa-Dioxins	ng/Kg										0.157	3.8	I
Total Hexa-Furans	ng/Kg										0.0691	3.8	U
Total Penta-Dioxins	ng/Kg										0.0436	3.8	U
Total Penta-Furans	ng/Kg										0.0815	3.8	I
Total Tetra-Dioxins	ng/Kg										0.0577	1.52	U
Total Tetra-Furans	ng/Kg										0.0879	1.52	I
Calculated Total Toxicity Equivalents (TEQ)	Units	18-A			18-A Deep			18-B			18-C		
Dioxins as total 2,3,7,8-TCDD	ng/Kg										0.104		
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 18 Soil Sample Radionuclide Results

Radionuclides	Units	18-A	Remark	18-A Deep	Remark	18-B	Remark	18-C	Remark
Actinium-228	pCi/g	0.219	UJ	0.275	UJ	0.159		0.268	
Actinium-228 Uncertainty	pCi/g	0.173		0.178		0.113		0.189	
Alpha Uncertainty	pCi/g	2.97		2.51		2.92		4.14	
Alpha, Total	pCi/g	5.6		4.48		4.94		12.3	
Americium-241	pCi/g	0.128	U	0.333	U	0.115	U	0.174	U
Americium-241 Uncertainty	pCi/g	0.0706		0.18		0.0732		0.102	
Antimony-124	pCi/g	0.151	U	0.187	U	0.173	U	0.195	U
Antimony-124 Uncertainty	pCi/g	0.0909		0.118		0.112		0.106	
Antimony-125	pCi/g	0.107	U	0.119	U	0.1	U	0.116	U
Antimony-125 Uncertainty	pCi/g	0.0607		0.0739		0.0537		0.0702	
Barium-133	pCi/g	0.0414	U	0.0583	U	0.0401	U	0.0486	U
Barium-133 Uncertainty	pCi/g	0.0271		0.0353		0.0254		0.0338	
Barium-140	pCi/g	5.48	U	6.25	U	6.05	U	7.01	U
Barium-140 Uncertainty	pCi/g	3.22		3.79		3.47		3.95	
Beryllium-7	pCi/g	0.697	U	0.9	U	0.624	U	0.806	U
Beryllium-7 Uncertainty	pCi/g	0.446		0.481		0.389		0.501	
Beta Uncertainty	pCi/g	2.16		2.39		3.66		2.71	
Beta, Total	pCi/g	3.15		5.03		19.1		7.87	
Bismuth-212	pCi/g	0.557	U	0.675	U	0.497	U	0.66	U
Bismuth-212 Uncertainty	pCi/g	0.321		0.397		0.288		0.347	
Bismuth-214	pCi/g	0.246		0.471		0.142	UJ	0.617	
Bismuth-214 Uncertainty	pCi/g	0.0848		0.124		0.112		0.142	
Cerium-139	pCi/g	0.0429	U	0.0537	U	0.0344	U	0.0449	U
Cerium-139 Uncertainty	pCi/g	0.0248		0.0302		0.0214		0.0272	
Cerium-141	pCi/g	0.223	U	0.277	U	0.196	U	0.229	U
Cerium-141 Uncertainty	pCi/g	0.135		0.159		0.121		0.193	
Cerium-144	pCi/g	0.235	U	0.287	U	0.2	U	0.272	U
Cerium-144 Uncertainty	pCi/g	0.129		0.167		0.117		0.155	

Table 3: Location 18 Soil Sample Radionuclide Results

Radionuclides	Units	18-A	Remark	18-A Deep	Remark	18-B	Remark	18-C	Remark
Cesium-134	pCi/g	0.0461	U	0.05	U	0.0482	U	0.0565	U
Cesium-134 Uncertainty	pCi/g	0.0284		0.0296		0.0267		0.0327	
Cesium-136	pCi/g	1.98	U	2.59	U	1.61	U	2.13	U
Cesium-136 Uncertainty	pCi/g	1.19		1.52		0.82		1.39	
Cesium-137	pCi/g	0.0913		0.04	U	0.0374	U	0.0924	
Cesium-137 Uncertainty	pCi/g	0.0332		0.0254		0.0229		0.0396	
Chromium-51	pCi/g	1.64	U	1.94	U	1.37	U	1.97	U
Chromium-51 Uncertainty	pCi/g	0.937		1.13		0.833		1.09	
Cobalt-56	pCi/g	0.066	U	0.0851	U	0.0684	U	0.078	U
Cobalt-56 Uncertainty	pCi/g	0.0379		0.049		0.0389		0.0507	
Cobalt-57	pCi/g	0.0307	U	0.0388	U	0.0274	U	0.0361	U
Cobalt-57 Uncertainty	pCi/g	0.0177		0.0216		0.0157		0.0198	
Cobalt-58	pCi/g	0.0647	U	0.0677	U	0.0516	U	0.0771	U
Cobalt-58 Uncertainty	pCi/g	0.0404		0.0446		0.0316		0.0436	
Cobalt-60	pCi/g	0.0331	U	0.0392	U	0.0346	U	0.0383	U
Cobalt-60 Uncertainty	pCi/g	0.0225		0.0267		0.0244		0.0255	
Europium-152	pCi/g	0.109	U	0.13	U	0.1	U	0.118	U
Europium-152 Uncertainty	pCi/g	0.0668		0.0756		0.0619		0.0694	
Europium-154	pCi/g	0.0999	U	0.109	U	0.108	U	0.136	U
Europium-154 Uncertainty	pCi/g	0.0605		0.0781		0.0644		0.0675	
Europium-155	pCi/g	0.113	U	0.143	U	0.0929	U	0.124	U
Europium-155 Uncertainty	pCi/g	0.0628		0.0796		0.0563		0.0698	
Iridium-192	pCi/g	0.0664	U	0.0737	U	0.0582	U	0.0713	U
Iridium-192 Uncertainty	pCi/g	0.0372		0.0422		0.031		0.0421	
Iron-59	pCi/g	0.184	U	0.256	U	0.173	U	0.24	U
Iron-59 Uncertainty	pCi/g	0.114		0.133		0.115		0.133	
Lead-210	pCi/g	3.08	U	12.7	U	1.98	U	3.8	U
Lead-210 Uncertainty	pCi/g	1.72		7.16		1.13		2.19	

Table 3: Location 18 Soil Sample Radionuclide Results

Radionuclides	Units	18-A	Remark	18-A Deep	Remark	18-B	Remark	18-C	Remark
Lead-212	pCi/g	0.0922		0.256		0.197		0.293	
Lead-212 Uncertainty	pCi/g	0.081		0.0951		0.0561		0.0664	
Lead-214	pCi/g	0.25		0.503		0.414		0.861	
Lead-214 Uncertainty	pCi/g	0.104		0.138		0.0925		0.146	
Manganese-54	pCi/g	0.0459	U	0.0536	U	0.0355	U	0.041	U
Manganese-54 Uncertainty	pCi/g	0.0243		0.0307		0.0221		0.0282	
Mercury-203	pCi/g	0.102	U	0.121	U	0.0845	U	0.107	U
Mercury-203 Uncertainty	pCi/g	0.059		0.0727		0.047		0.0631	
Neodymium-147	pCi/g	20.3	U	20.4	U	19.4	U	27	U
Neodymium-147 Uncertainty	pCi/g	11		11.8		11		15	
Neptunium-239	pCi/g	0.437	U	0.538	U	0.361	U	0.456	U
Neptunium-239 Uncertainty	pCi/g	0.255		0.302		0.215		0.257	
Niobium-94	pCi/g	0.0364	U	0.0386	U	0.0357	U	0.0394	U
Niobium-94 Uncertainty	pCi/g	0.0205		0.0241		0.0202		0.0235	
Niobium-95	pCi/g	0.0772	U	0.0953	U	0.0836	U	0.116	U
Niobium-95 Uncertainty	pCi/g	0.0465		0.0513		0.0453		0.0687	
Potassium-40	pCi/g	1.44		1.97		1.23		2.65	
Potassium-40 Uncertainty	pCi/g	0.49		0.663		0.376		0.697	
Promethium-144	pCi/g	0.0379	U	0.0537	U	0.0335	U	0.0467	U
Promethium-144 Uncertainty	pCi/g	0.0246		0.0278		0.0223		0.0265	
Promethium-146	pCi/g	0.0459	U	0.0544	U	0.0402	U	0.056	U
Promethium-146 Uncertainty	pCi/g	0.0268		0.0306		0.0232		0.0312	
Radium-228	pCi/g	0.219	UJ	0.275	UJ	0.159		0.268	
Radium-228 Uncertainty	pCi/g	0.173		0.178		0.113		0.189	
Ruthenium-106	pCi/g	0.368	U	0.406	U	0.338	U	0.492	U
Ruthenium-106 Uncertainty	pCi/g	0.213		0.245		0.193		0.271	
Silver-110m	pCi/g	0.0556	U	0.0795	U	0.0557	U	0.0674	U
Silver-110m Uncertainty	pCi/g	0.0324		0.0416		0.0332		0.0409	

Table 3: Location 18 Soil Sample Radionuclide Results

Radionuclides	Units	18-A	Remark	18-A Deep	Remark	18-B	Remark	18-C	Remark
Sodium-22	pCi/g	0.0363	U	0.0396	U	0.0391	U	0.0497	U
Sodium-22 Uncertainty	pCi/g	0.022		0.0298		0.0233		0.0245	
Thallium-208	pCi/g	0.0795		0.0839		0.0707		0.0969	
Thallium-208 Uncertainty	pCi/g	0.0409		0.0506		0.0358		0.0424	
Thorium-234	pCi/g	1.39	U	2.49	U	1.16	U	1.87	U
Thorium-234 Uncertainty	pCi/g	0.767		1.52		0.641		1.37	
Tin-113	pCi/g	0.0655	U	0.0813	U	0.0599	U	0.0825	U
Tin-113 Uncertainty	pCi/g	0.038		0.0467		0.0357		0.0448	
Uranium-235	pCi/g	0.22	U	0.275	U	0.198	U	0.238	U
Uranium-235 Uncertainty	pCi/g	0.128		0.163		0.118		0.189	
Uranium-238	pCi/g	1.39	U	2.49	U	1.16	U	1.87	U
Uranium-238 Uncertainty	pCi/g	0.767		1.52		0.641		1.37	
Yttrium-88	pCi/g	0.0473	U	0.0639	U	0.0505	U	0.0716	U
Yttrium-88 Uncertainty	pCi/g	0.0311		0.038		0.0295		0.0366	
Zinc-65	pCi/g	0.0984	U	0.118	U	0.0863	U	0.114	U
Zinc-65 Uncertainty	pCi/g	0.065		0.081		0.0636		0.0805	
Zirconium-95	pCi/g	0.135	U	0.139	U	0.124	U	0.16	U
Zirconium-95 Uncertainty	pCi/g	0.0782		0.0832		0.0719		0.0871	

Location 19

**Table 1: Summary of Residential SCTL Exceedances in Soil Samples Collected from Location 19
March/April 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation**

Analyte	Residential SCTL	19-A	19-A Deep	19-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 19 Soil Sample Chemical Results

Volatile Organic Compounds	Units	19-A	MDL	Remark	19-A Deep	MDL	Remark	19-B	MDL	Remark
1,1,1-Trichloroethane	ug/kg	5.4	5.4	U	4.5	4.5	U	5.6	5.6	U
1,1,2,2-Tetrachloroethane	ug/kg	13	13	UJ	11	11	UJ	14	14	UJ
1,1,2-Trichloroethane	ug/kg	5.4	5.4	U	4.5	4.5	U	5.6	5.6	U
1,1-Dichloroethane	ug/kg	5.4	5.4	U	4.5	4.5	U	5.6	5.6	U
1,1-Dichloroethene	ug/kg	13	13	U	11	11	U	14	14	U
1,2-Dichlorobenzene	ug/kg	13	13	U	11	11	U	14	14	U
1,2-Dichloroethane	ug/kg	5.4	5.4	U	4.5	4.5	U	5.6	5.6	U
1,2-Dichloropropane	ug/kg	13	13	U	11	11	U	14	14	U
1,3-Dichlorobenzene	ug/kg	13	13	U	11	11	U	14	14	U
1,4-Dichlorobenzene	ug/kg	13	13	U	11	11	U	14	14	U
2-Butanone	ug/kg	130	130	U	110	110	U	140	140	U
2-Chloroethylvinyl ether	ug/kg	13	13	U	11	11	U	14	14	U
Benzene	ug/kg	5.4	5.4	U	4.5	4.5	U	5.6	5.6	U
Bromodichloromethane	ug/kg	5.4	5.4	U	4.5	4.5	U	5.6	5.6	U
Bromoform	ug/kg	13	13	UJ	11	11	UJ	14	14	UJ
Bromomethane	ug/kg	13	13	U	11	11	U	14	14	U
Carbon tetrachloride	ug/kg	5.4	5.4	UJ	4.5	4.5	U	5.6	5.6	U
Chlorobenzene	ug/kg	5.4	5.4	U	4.5	4.5	U	5.6	5.6	U
Chloroethane	ug/kg	13	13	U	11	11	U	14	14	U
Chloroform	ug/kg	5.4	5.4	U	4.5	4.5	U	5.6	5.6	U
Chloromethane	ug/kg	13	13	U	11	11	U	14	14	U
cis-1,2-Dichloroethene	ug/kg	13	13	U	11	11	U	14	14	U
cis-1,3-Dichloropropene	ug/kg	13	13	UJ	11	11	UJ	14	14	UJ
Dibromochloromethane	ug/kg	5.4	5.4	U	4.5	4.5	U	5.6	5.6	U
Ethylbenzene	ug/kg	13	13	U	11	11	U	14	14	U
m,p-Xylene	ug/kg	13	13	U	11	11	U	14	14	U
Methylene chloride	ug/kg	13	13	UJ	11	11	U	14	14	U
Methyl-t-butyl ether	ug/kg	13	13	U	11	11	U	14	14	U
o-Xylene	ug/kg	5.4	5.4	U	4.5	4.5	U	5.6	5.6	U

Table 2: Location 19 Soil Sample Chemical Results

Volatile Organic Compounds	Units	19-A	MDL	Remark	19-A Deep	MDL	Remark	19-B	MDL	Remark
Tetrachloroethene	ug/kg	13	13	U	11	11	U	14	14	U
Toluene	ug/kg	13	13	U	11	11	U	14	14	U
trans-1,2-Dichloroethene	ug/kg	13	13	U	11	11	U	14	14	U
trans-1,3-Dichloropropene	ug/kg	5.4	5.4	U	4.5	4.5	U	5.6	5.6	U
Trichloroethene	ug/kg	5.4	5.4	U	4.5	4.5	U	5.6	5.6	U
Trichlorofluoromethane	ug/kg	13	13	U	11	11	U	14	14	U
Vinyl chloride	ug/kg	13	13	U	11	11	U	14	14	U
Semi-Volatile Organic Compounds	Units	19-A	MDL	Remark	19-A Deep	MDL	Remark	19-B	MDL	Remark
1,2,4-Trichlorobenzene	ug/kg	230	230	U	210	210	U	230	230	U
1-Methylnaphthalene	ug/kg	8.5	8.5	U	7.6	7.6	U	8.6	8.6	U
1-Methylphenanthrene	ug/kg	8.5	8.5	U	7.6	7.6	U	8.6	8.6	U
2,3,5-Trimethylnaphthalene	ug/kg	8.5	8.5	U	7.6	7.6	U	8.6	8.6	U
2,4,6-Trichlorophenol	ug/kg	76	76	U	68	68	U	78	78	U
2,4-Dichlorophenol	ug/kg	76	76	U	68	68	U	78	78	U
2,4-Dimethylphenol	ug/kg	460	460	U	410	410	U	470	470	U
2,4-Dinitrophenol	ug/kg	460	460	U	410	410	U	470	470	U
2,4-Dinitrotoluene	ug/kg	76	76	U	68	68	U	78	78	U
2,6-Dimethylnaphthalene	ug/kg	8.5	8.5	U	7.6	7.6	U	8.6	8.6	U
2,6-Dinitrotoluene	ug/kg	76	76	U	68	68	U	78	78	U
2-Chloronaphthalene	ug/kg	76	76	U	68	68	U	78	78	U
2-Chlorophenol	ug/kg	230	230	U	210	210	U	230	230	U
2-Methyl-4,6-dinitrophenol	ug/kg	76	76	U	68	68	U	78	78	U
2-Methylnaphthalene	ug/Kg	8.5	8.5	U	7.6	7.6	U	8.6	8.6	U
2-Nitrophenol	ug/kg	76	76	U	68	68	U	78	78	U
3,3'-Dichlorobenzidine	ug/kg	4500	4500	U	4000	4000	U	4700	4700	U
4-Bromophenyl phenyl ether	ug/kg	76	76	U	68	68	U	78	78	U
4-Chloro-3-methylphenol	ug/kg	76	76	U	68	68	U	78	78	U
4-Chlorophenyl phenyl ether	ug/kg	76	76	U	68	68	U	78	78	U
4-Nitrophenol	ug/kg	76	76	U	68	68	U	78	78	U

Table 2: Location 19 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	19-A	MDL	Remark	19-A Deep	MDL	Remark	19-B	MDL	Remark
Acenaphthene	ug/kg	8.5	8.5	U	7.6	7.6	U	8.6	8.6	U
Acenaphthylene	ug/kg	8.5	8.5	U	7.6	7.6	U	8.6	8.6	U
Anthracene	ug/kg	8.5	8.5	U	7.6	7.6	U	8.6	8.6	U
Azobenzene/1,2-Diphenylhydrazine	ug/kg	76	76	U	68	68	U	78	78	U
Benzidine	ug/kg	1700	1700	U	1500	1500	UJ	1700	1700	UJ
Benzo(a)anthracene	ug/kg	9.7	8.5	I	7.6	7.6	U	8.6	8.6	U
Benzo(a)pyrene	ug/kg	9.3	8.5	I	7.6	7.6	U	8.6	8.6	U
Benzo(b)fluoranthene	ug/kg	8.5	8.5	U	7.6	7.6	U	14	8.6	I
Benzo(g,h,i)perylene	ug/kg	8.5	8.5	U	7.6	7.6	U	8.6	8.6	U
Benzo(k)fluoranthene	ug/kg	8.5	8.5	U	7.6	7.6	U	8.6	8.6	U
Biphenyl	ug/kg	8.5	8.5	U	7.6	7.6	U	8.6	8.6	U
Bis(2-chloroethoxy)methane	ug/kg	76	76	U	68	68	U	78	78	U
Bis(2-chloroethyl)ether	ug/kg	76	76	U	68	68	U	78	78	U
Bis(2-chloroisopropyl)ether	ug/kg	76	76	U	68	68	U	78	78	U
Bis(2-ethylhexyl)phthalate	ug/kg	460	460	UQ	410	410	U	470	470	U
Butyl benzyl phthalate	ug/kg	76	76	UJ	68	68	U	78	78	U
Chrysene	ug/kg	8.5	8.5	U	7.6	7.6	U	9.9	8.6	I
Dibenzo(a,h)anthracene	ug/kg	8.5	8.5	U	7.6	7.6	U	8.6	8.6	U
Dibenzothiophene	ug/kg	8.5	8.5	U	7.6	7.6	U	8.6	8.6	U
Diethyl phthalate	ug/kg	76	76	U	68	68	U	78	78	U
Dimethyl phthalate	ug/kg	76	76	U	68	68	U	78	78	U
Di-n-butyl phthalate	ug/kg	460	460	U	410	410	U	470	470	U
Di-n-octyl phthalate	ug/kg	76	76	UJ	68	68	U	78	78	U
Fluoranthene	ug/kg	13	8.5	I	7.6	7.6	U	12	8.6	I
Fluorene	ug/kg	8.5	8.5	U	7.6	7.6	U	8.6	8.6	U
Hexachlorobenzene	ug/kg	76	76	U	68	68	U	78	78	U
Hexachlorobutadiene	ug/kg	230	230	U	210	210	U	230	230	U
Hexachlorocyclopentadiene	ug/kg	76	76	UJ	68	68	UJ	78	78	UJ
Hexachloroethane	ug/kg	230	230	U	210	210	U	230	230	U

Table 2: Location 19 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	19-A	MDL	Remark	19-A Deep	MDL	Remark	19-B	MDL	Remark
Indeno(1,2,3-cd)pyrene	ug/kg	8.5	8.5	U	7.6	7.6	U	8.6	8.6	U
Isophorone	ug/kg	76	76	U	68	68	U	78	78	U
Naphthalene	ug/kg	8.5	8.5	U	7.6	7.6	U	8.6	8.6	U
Nitrobenzene	ug/kg	76	76	U	68	68	U	78	78	U
N-Nitrosodimethylamine	ug/kg	460	460	U	410	410	U	470	470	U
N-Nitrosodi-n-propylamine	ug/kg	76	76	U	68	68	U	78	78	U
N-Nitrosodiphenylamine/ Diphenylamine	ug/kg	76	76	U	68	68	U	78	78	U
Pentachlorophenol	ug/kg	76	76	U	68	68	U	78	78	U
Phenanthrene	ug/kg	8.5	8.5	U	7.6	7.6	U	8.6	8.6	U
Phenol	ug/kg	76	76	U	68	68	U	78	78	U
Pyrene	ug/kg	14	8.5	I	7.6	7.6	U	9.9	8.6	I
TRPH	mg/kg	21	13	I	12	12	U	23	13	I
Pesticides/Herbicides/PCBs	Units	19-A	MDL	Remark	19-A Deep	MDL	Remark	19-B	MDL	Remark
2,4,5-T	ug/kg	8.3	8.3	U						
2,4-D	ug/kg	8.3	8.3	U						
3-Hydroxycarbofuran	ug/kg	0.64	0.64	UJ						
Acifluorfen	ug/kg	8.3	8.3	U						
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 19 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	19-A	MDL	Remark	19-A Deep	MDL	Remark	19-B	MDL	Remark
Silvex	ug/kg	8.3	8.3	U						
Alachlor	ug/kg	13	13	U	11	11	U	13	13	U
Aldrin	ug/Kg	0.42	0.42	U	0.38	0.38	U	0.43	0.43	U
Alpha-BHC	ug/Kg	0.42	0.42	U	0.38	0.38	U	0.43	0.43	U
Ametryn	ug/kg	2.1	2.1	U	1.9	1.9	U	2.2	2.2	U
Atrazine	ug/kg	2.1	2.1	U	1.9	1.9	U	2.2	2.2	U
Azinphos Methyl	ug/kg	6.4	6.4	U	5.7	5.7	U	6.5	6.5	U
Beta-BHC	ug/Kg	0.42	0.42	U	0.38	0.38	U	0.43	0.43	U
Bromacil	ug/kg	8.5	8.5	U	7.6	7.6	U	8.6	8.6	U
Chlordane	ug/Kg	15	6.4	I	22	5.7	I	6.5	6.5	U
Chlorpyrifos Ethyl	ug/kg	2.1	2.1	U	1.9	1.9	U	2.2	2.2	U
Chlorpyrifos Methyl	ug/kg	4.2	4.2	U	3.8	3.8	U	4.3	4.3	U
DDD-p,p'	ug/Kg	0.85	0.85	U	0.76	0.76	U	0.86	0.86	U
DDE-p,p'	ug/Kg	1.1	0.85	I	0.76	0.76	U	0.86	0.86	U
DDT-p,p'	ug/Kg	1.3	1.3	U	1.1	1.1	U	1.3	1.3	U
Delta-BHC	ug/Kg	0.85	0.85	U	0.76	0.76	U	0.86	0.86	U
Diazinon	ug/kg	2.1	2.1	U	1.9	1.9	U	2.2	2.2	U
Dieldrin	ug/Kg	0.42	0.42	U	0.38	0.38	U	0.43	0.43	U
Endosulfan I	ug/Kg	0.42	0.42	U	0.38	0.38	U	0.43	0.43	U
Endosulfan II	ug/Kg	0.42	0.42	U	0.38	0.38	U	0.43	0.43	U
Endosulfan Sulfate	ug/Kg	0.85	0.85	U	0.76	0.76	U	0.86	0.86	U
Endrin	ug/Kg	2.1	2.1	U	1.9	1.9	U	2.2	2.2	U
Endrin Aldehyde	ug/Kg	0.85	0.85	U	0.76	0.76	U	0.86	0.86	U
Ethion	ug/kg	2.1	2.1	U	1.9	1.9	U	2.2	2.2	U
Ethoprop	ug/kg	2.1	2.1	U	1.9	1.9	U	2.2	2.2	U
Fenamiphos	ug/kg	8.5	8.5	U	3.8	3.8	U	4.3	4.3	U
Fonofos	ug/kg	2.1	2.1	U	1.9	1.9	U	2.2	2.2	U
Gamma-BHC	ug/Kg	0.42	0.42	U	0.38	0.38	U	0.43	0.43	U
Heptachlor	ug/Kg	0.42	0.42	U	0.38	0.38	U	0.43	0.43	U

Table 2: Location 19 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	19-A	MDL	Remark	19-A Deep	MDL	Remark	19-B	MDL	Remark
Heptachlor Epoxide	ug/kg	0.42	0.42	U	0.38	0.38	U	0.43	0.43	U
Hexazinone	ug/kg	4.2	4.2	U	3.8	3.8	U	4.3	4.3	U
Malathion	ug/kg	4.2	4.2	U	3.8	3.8	U	4.3	4.3	U
Methamidophos	ug/kg	21	21	U	19	19	U	22	22	U
Methoxychlor	ug/kg	2.1	2.1	U	1.9	1.9	U	2.2	2.2	U
Metolachlor	ug/kg	13	13	U	11	11	U	13	13	U
Metribuzin	ug/kg	4.2	4.2	U	3.8	3.8	U	4.3	4.3	U
Mevinphos	ug/kg	8.5	8.5	U	7.6	7.6	U	8.6	8.6	U
Monocrotophos	ug/kg	21	21	U	19	19	U	22	22	U
Naled	ug/kg	17	17	U	15	15	U	17	17	U
Norflurazon	ug/kg	4.2	4.2	U	3.8	3.8	U	4.3	4.3	U
Parathion Ethyl	ug/kg	4.2	4.2	U	3.8	3.8	U	4.3	4.3	U
Parathion Methyl	ug/kg	4.2	4.2	U	3.8	3.8	U	4.3	4.3	U
PCB-1016	ug/Kg	13	13	U	11	11	U	13	13	U
PCB-1221	ug/Kg	8.5	8.5	U	7.6	7.6	U	8.6	8.6	U
PCB-1232	ug/Kg	19	19	U	17	17	U	19	19	U
PCB-1242	ug/Kg	13	13	U	11	11	U	13	13	U
PCB-1248	ug/Kg	8.5	8.5	U	7.6	7.6	U	8.6	8.6	U
PCB-1254	ug/Kg	8.5	8.5	U	7.6	7.6	U	8.6	8.6	U
PCB-1260	ug/Kg	13	13	U	11	11	U	13	13	U
Phorate	ug/kg	2.1	2.1	U	1.9	1.9	U	2.2	2.2	U
Prometryn	ug/kg	4.2	4.2	U	3.8	3.8	U	4.3	4.3	U
Simazine	ug/kg	2.1	2.1	U	1.9	1.9	U	2.2	2.2	U
Toxaphene	ug/Kg	32	32	U	29	29	U	32	32	U
Diquat	mg/Kg	0.051	0.051	U						
Paraquat	mg/Kg	0.063	0.063	U						
Metals	Units	19-A	MDL	Remark	19-A Deep	MDL	Remark	19-B	MDL	Remark
Mercury	mg/Kg	0.026	0.0041	A	0.02	0.0034		0.031	0.0045	
Antimony	mg/Kg	0.16	0.16	U	0.14	0.14	U	0.15	0.15	U

Table 2: Location 19 Soil Sample Chemical Results

Metals	Units	19-A	MDL	Remark	19-A Deep	MDL	Remark	19-B	MDL	Remark
Arsenic	mg/Kg	0.88	0.063		1.16	0.056		0.78	0.062	
Barium	mg/Kg	12.9	0.063		4.52	0.056		18.5	0.062	
Beryllium	mg/Kg	0.068	0.025	I	0.03	0.022	I	0.074	0.025	I
Cadmium	mg/Kg	0.065	0.032	I	0.029	0.028	I	0.058	0.031	I
Chromium	mg/Kg	2.89	0.16		1.71	0.14		3.17	0.15	
Cobalt	mg/Kg	0.323	0.013		0.138	0.011		0.442	0.012	
Copper	mg/Kg	16.9	0.16		2.29	0.14		24.4	0.15	
Lead	mg/Kg	4.35	0.24		4.74	0.21		4.65	0.23	
Nickel	mg/Kg	1.19	0.16		0.72	0.14		1.41	0.15	
Selenium	mg/Kg	0.69	0.095		0.33	0.084	I	0.68	0.093	
Silver	mg/Kg	0.015	0.0079	I	0.007	0.007	UJ	0.172	0.0077	J
Thallium	mg/Kg	0.032	0.032	U	0.028	0.028	U	0.031	0.031	U
Zinc	mg/Kg	25.5	1.3		4	1.1	I	17.3	1.2	
Dioxins/Furans	Units	19-A	MDL	Remark	19-A Deep	MDL	Remark	19-B	MDL	Remark
1,2,3,4,6,7,8-HpCDD	ng/Kg	0.885	3.01	IV						
1,2,3,4,6,7,8-HpCDF	ng/Kg	0.162	3.01	I						
1,2,3,4,7,8,9-HpCDF	ng/Kg	0.0851	3.01	U						
1,2,3,4,7,8-HxCDD	ng/Kg	0.132	3.01	U						
1,2,3,4,7,8-HxCDF	ng/Kg	0.0869	3.01	U						
1,2,3,6,7,8-HxCDD	ng/Kg	0.109	3.01	U						
1,2,3,6,7,8-HxCDF	ng/Kg	0.0815	3.01	U						
1,2,3,7,8,9-HxCDD	ng/Kg	0.118	3.01	U						
1,2,3,7,8,9-HxCDF	ng/Kg	0.101	3.01	U						
1,2,3,7,8-PeCDD	ng/Kg	0.152	3.01	U						
1,2,3,7,8-PeCDF	ng/Kg	0.0822	3.01	U						
2,3,4,6,7,8-HxCDF	ng/Kg	0.092	3.01	U						
2,3,4,7,8-PeCDF	ng/Kg	0.0807	3.01	U						
2,3,7,8-TCDD	ng/Kg	0.11	1.2	U						
2,3,7,8-TCDF	ng/Kg	0.0816	1.2	U						

Table 2: Location 19 Soil Sample Chemical Results

Dioxins/Furans	Units	19-A	MDL	Remark	19-A Deep	MDL	Remark	19-B	MDL	Remark
OCDD	ng/Kg	5.22	6.02	IV						
OCDF	ng/Kg	0.255	6.02	IV						
Total Hepta-Dioxins	ng/Kg	2.37	3.01	I						
Total Hepta-Furans	ng/Kg	0.162	3.01	I						
Total Hexa-Dioxins	ng/Kg	0.109	3.01	U						
Total Hexa-Furans	ng/Kg	0.0815	3.01	U						
Total Penta-Dioxins	ng/Kg	0.152	3.01	U						
Total Penta-Furans	ng/Kg	0.0807	3.01	U						
Total Tetra-Dioxins	ng/Kg	0.11	1.2	U						
Total Tetra-Furans	ng/Kg	0.0816	1.2	U						
Calculated Total Toxicity Equivalents (TEQ)	Units	19-A			19-A Deep			19-B		
Dioxins as total 2,3,7,8-TCDD	ng/Kg	0.205								
Total Benzo(a)pyrene	mg/Kg	0.01						0.01		

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

Table 3: Location 19 Soil Sample Radionuclide Results

Radionuclides	Units	19-A	Remark	19-A Deep	Remark	19-B	Remark
Actinium-228	pCi/g	0.187	U	0.162	U	0.355	
Actinium-228 Uncertainty	pCi/g	0.121		0.0822		0.147	
Alpha Uncertainty	pCi/g	3.19		2.16		3.07	
Alpha, Total	pCi/g	7.28		2.94		7.13	
Americium-241	pCi/g	0.0944	U	0.105	U	0.101	U
Americium-241 Uncertainty	pCi/g	0.0516		0.0579		0.0574	
Antimony-124	pCi/g	0.127	U	0.159	U	0.134	U
Antimony-124 Uncertainty	pCi/g	0.0809		0.103		0.083	
Antimony-125	pCi/g	0.0795	U	0.0882	U	0.0901	U
Antimony-125 Uncertainty	pCi/g	0.0468		0.0523		0.0561	
Barium-133	pCi/g	0.0348	U	0.0373	U	0.052	U
Barium-133 Uncertainty	pCi/g	0.0216		0.0252		0.0334	
Barium-140	pCi/g	4.47	U	6.66	U	7.42	U
Barium-140 Uncertainty	pCi/g	2.74		3.73		4.15	
Beryllium-7	pCi/g	0.595	U	0.754	U	0.752	U
Beryllium-7 Uncertainty	pCi/g	0.367		0.402		0.438	
Beta Uncertainty	pCi/g	1.89		2.03		1.57	
Beta, Total	pCi/g	3.09	U	3.14	U	2.86	U
Bismuth-212	pCi/g	0.563	U	0.51	U	0.591	U
Bismuth-212 Uncertainty	pCi/g	0.284		0.273		0.351	
Bismuth-214	pCi/g	0.173		0.126	UJ	0.242	
Bismuth-214 Uncertainty	pCi/g	0.0733		0.0726		0.0754	
Cerium-139	pCi/g	0.0377	U	0.0327	U	0.0404	U
Cerium-139 Uncertainty	pCi/g	0.0217		0.0188		0.0236	
Cerium-141	pCi/g	0.183	U	0.194	U	0.23	U
Cerium-141 Uncertainty	pCi/g	0.105		0.116		0.14	
Cerium-144	pCi/g	0.183	U	0.202	U	0.237	U
Cerium-144 Uncertainty	pCi/g	0.104		0.116		0.132	

Table 3: Location 19 Soil Sample Radionuclide Results

Radionuclides	Units	19-A	Remark	19-A Deep	Remark	19-B	Remark
Cesium-134	pCi/g	0.0416	U	0.0492	U	0.0542	U
Cesium-134 Uncertainty	pCi/g	0.0228		0.0272		0.0302	
Cesium-136	pCi/g	1.65	U	2.4	U	2.4	U
Cesium-136 Uncertainty	pCi/g	1.04		1.4		1.51	
Cesium-137	pCi/g	0.0654		0.122		0.0777	
Cesium-137 Uncertainty	pCi/g	0.0342		0.0464		0.0277	
Chromium-51	pCi/g	1.38	U	1.62	U	1.67	U
Chromium-51 Uncertainty	pCi/g	0.832		0.908		0.974	
Cobalt-56	pCi/g	0.059	U	0.066	U	0.0615	U
Cobalt-56 Uncertainty	pCi/g	0.0332		0.0376		0.0357	
Cobalt-57	pCi/g	0.0238	U	0.0251	U	0.028	U
Cobalt-57 Uncertainty	pCi/g	0.0136		0.0144		0.016	
Cobalt-58	pCi/g	0.052	U	0.0614	U	0.0716	U
Cobalt-58 Uncertainty	pCi/g	0.0335		0.0383		0.0386	
Cobalt-60	pCi/g	0.0317	U	0.0357	U	0.0378	U
Cobalt-60 Uncertainty	pCi/g	0.0197		0.0207		0.0237	
Europium-152	pCi/g	0.0776	U	0.0772	U	0.0888	U
Europium-152 Uncertainty	pCi/g	0.0472		0.0598		0.0578	
Europium-154	pCi/g	0.0733	U	0.0863	U	0.1	U
Europium-154 Uncertainty	pCi/g	0.0498		0.0517		0.0607	
Europium-155	pCi/g	0.0874	U	0.0853	U	0.09	U
Europium-155 Uncertainty	pCi/g	0.0491		0.0496		0.0524	
Iridium-192	pCi/g	0.0549	U	0.06	U	0.0619	U
Iridium-192 Uncertainty	pCi/g	0.0309		0.0325		0.0354	
Iron-59	pCi/g	0.169	U	0.178	U	0.158	U
Iron-59 Uncertainty	pCi/g	0.114		0.108		0.108	
Lead-210	pCi/g	2	U	1.5	U	2.02	U
Lead-210 Uncertainty	pCi/g	1.1		1.33		1.11	

Table 3: Location 19 Soil Sample Radionuclide Results

Radionuclides	Units	19-A	Remark	19-A Deep	Remark	19-B	Remark
Lead-212	pCi/g	0.107		0.105		0.203	
Lead-212 Uncertainty	pCi/g	0.0568		0.0444		0.0595	
Lead-214	pCi/g	0.283		0.287		0.24	
Lead-214 Uncertainty	pCi/g	0.0887		0.0789		0.102	
Manganese-54	pCi/g	0.0373	U	0.0318	U	0.0414	U
Manganese-54 Uncertainty	pCi/g	0.0222		0.0192		0.025	
Mercury-203	pCi/g	0.0724	U	0.0795	U	0.105	U
Mercury-203 Uncertainty	pCi/g	0.0425		0.0455		0.0565	
Neodymium-147	pCi/g	18.5	U	24.7	U	27.8	U
Neodymium-147 Uncertainty	pCi/g	10.4		15.4		15.9	
Neptunium-239	pCi/g	0.292	U	0.353	U	0.392	U
Neptunium-239 Uncertainty	pCi/g	0.176		0.196		0.222	
Niobium-94	pCi/g	0.028	U	0.0317	U	0.0327	U
Niobium-94 Uncertainty	pCi/g	0.0154		0.018		0.0202	
Niobium-95	pCi/g	0.0659	U	0.0677	U	0.0745	U
Niobium-95 Uncertainty	pCi/g	0.0383		0.0436		0.0438	
Potassium-40	pCi/g	0.439		0.525	U	0.361	U
Potassium-40 Uncertainty	pCi/g	0.366		0.272		0.492	
Promethium-144	pCi/g	0.036	U	0.0402	U	0.0421	U
Promethium-144 Uncertainty	pCi/g	0.0195		0.0231		0.0245	
Promethium-146	pCi/g	0.0386	U	0.0396	U	0.04	U
Promethium-146 Uncertainty	pCi/g	0.0238		0.0234		0.0276	
Radium-228	pCi/g	0.187	U	0.162	U	0.355	
Radium-228 Uncertainty	pCi/g	0.121		0.0822		0.147	
Ruthenium-106	pCi/g	0.274	U	0.283	U	0.329	U
Ruthenium-106 Uncertainty	pCi/g	0.163		0.189		0.2	
Silver-110m	pCi/g	0.0503	U	0.0571	U	0.0428	U
Silver-110m Uncertainty	pCi/g	0.0302		0.0294		0.0331	

Table 3: Location 19 Soil Sample Radionuclide Results

Radionuclides	Units	19-A	Remark	19-A Deep	Remark	19-B	Remark
Sodium-22	pCi/g	0.0263	U	0.0314	U	0.0368	U
Sodium-22 Uncertainty	pCi/g	0.0186		0.0188		0.0212	
Thallium-208	pCi/g	0.0483		0.0554		0.0712	
Thallium-208 Uncertainty	pCi/g	0.037		0.0309		0.0409	
Thorium-234	pCi/g	1.12	U	0.961	U	1.07	U
Thorium-234 Uncertainty	pCi/g	0.603		0.548		0.593	
Tin-113	pCi/g	0.0526	U	0.0563	U	0.0673	U
Tin-113 Uncertainty	pCi/g	0.032		0.0313		0.0397	
Uranium-235	pCi/g	0.178	U	0.169	U	0.195	U
Uranium-235 Uncertainty	pCi/g	0.106		0.102		0.127	
Uranium-238	pCi/g	1.12	U	0.961	U	1.07	U
Uranium-238 Uncertainty	pCi/g	0.603		0.548		0.593	
Yttrium-88	pCi/g	0.0732	U	0.0538	U	0.0417	U
Yttrium-88 Uncertainty	pCi/g	0.0397		0.0284		0.0287	
Zinc-65	pCi/g	0.0679	U	0.0558	U	0.106	U
Zinc-65 Uncertainty	pCi/g	0.0507		0.0487		0.0657	
Zirconium-95	pCi/g	0.121	U	0.121	U	0.155	U
Zirconium-95 Uncertainty	pCi/g	0.0626		0.077		0.0798	