

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

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

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



Florida Department of Environmental Protection

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

Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

July 19, 2010

Acreage Resident
Loxahatchee, Florida 33470

Dear Acreage Resident:

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

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

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

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

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

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

Sincerely,

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

Mary Jean Yon, Director
Division of Waste Management

MJY/wam

Enclosures



Florida Department of Environmental Protection

Bob Martinez Center
2600 Blair Stone Road MS 4500
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 1

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

Analyte	Residential SCTL	1-A	1-A Deep	1-B	1-C	1-D
Exceedances						
None						

SCTL=Soil Cleanup Target Level

ND=Non Detect

NA=Not Analyzed

Yellow Shading=Exceedance of SCTL

ng/Kg= nanogram per Kilogram

mg/Kg=milligram per Kilogram

Table 2: Location 1 Soil Sample Chemical Results

Volatile Organic Compounds	Units	1-A	MDL	Remark	1-A Deep	MDL	Remark	1-B	MDL	Remark	1-C	MDL	Remark	1-D	MDL	Remark
1,1,1-Trichloroethane	ug/kg	5.2	5.2	U	5.2	5.2	U	5.2	5.2	U	5.3	5.3	U	3.9	3.9	U
1,1,2,2-Tetrachloroethane	ug/kg	13	13	UJ	13	13	UJ	13	13	UJ	13	13	UJ	9.8	9.8	UJ
1,1,2-Trichloroethane	ug/kg	5.2	5.2	U	5.2	5.2	U	5.2	5.2	U	5.3	5.3	U	3.9	3.9	U
1,1-Dichloroethane	ug/kg	5.2	5.2	U	5.2	5.2	U	5.2	5.2	U	5.3	5.3	U	3.9	3.9	U
1,1-Dichloroethene	ug/kg	13	13	U	13	13	U	13	13	U	13	13	U	9.8	9.8	U
1,2-Dichlorobenzene	ug/kg	13	13	U	13	13	U	13	13	U	13	13	U	9.8	9.8	U
1,2-Dichloroethane	ug/kg	5.2	5.2	U	5.2	5.2	U	5.2	5.2	U	5.3	5.3	U	3.9	3.9	U
1,2-Dichloropropane	ug/kg	13	13	U	13	13	U	13	13	U	13	13	U	9.8	9.8	U
1,3-Dichlorobenzene	ug/kg	13	13	U	13	13	U	13	13	U	13	13	U	9.8	9.8	U
1,4-Dichlorobenzene	ug/kg	13	13	U	13	13	U	13	13	U	13	13	U	9.8	9.8	U
2-Butanone	ug/kg	130	130	U	130	130	U	130	130	U	130	130	U	98	98	U
2-Chloroethylvinyl ether	ug/kg	13	13	U	13	13	U	13	13	U	13	13	U	9.8	9.8	U
Benzene	ug/kg	5.2	5.2	U	5.2	5.2	U	5.2	5.2	U	5.3	5.3	U	3.9	3.9	U
Bromodichloromethane	ug/kg	5.2	5.2	U	5.2	5.2	U	5.2	5.2	U	5.3	5.3	U	3.9	3.9	U
Bromoform	ug/kg	13	13	UJ	13	13	UJ	13	13	UJ	13	13	UJ	9.8	9.8	UJ
Bromomethane	ug/kg	13	13	U	13	13	U	13	13	U	13	13	U	9.8	9.8	U
Carbon tetrachloride	ug/kg	5.2	5.2	U	5.2	5.2	U	5.2	5.2	U	5.3	5.3	U	3.9	3.9	U
Chlorobenzene	ug/kg	5.2	5.2	U	5.2	5.2	U	5.2	5.2	U	5.3	5.3	U	3.9	3.9	U
Chloroethane	ug/kg	13	13	U	13	13	U	13	13	U	13	13	U	9.8	9.8	U
Chloroform	ug/kg	5.2	5.2	U	5.2	5.2	U	5.2	5.2	U	5.3	5.3	U	3.9	3.9	U
Chloromethane	ug/kg	13	13	U	13	13	U	13	13	U	13	13	U	9.8	9.8	U
cis-1,2-Dichloroethene	ug/kg	13	13	U	13	13	U	13	13	U	13	13	U	9.8	9.8	U
cis-1,3-Dichloropropene	ug/kg	13	13	U	13	13	U	13	13	UJ	13	13	UJ	9.8	9.8	U
Dibromochloromethane	ug/kg	5.2	5.2	U	5.2	5.2	U	5.2	5.2	U	5.3	5.3	U	3.9	3.9	U
Ethylbenzene	ug/kg	13	13	U	13	13	U	13	13	U	13	13	U	9.8	9.8	U
m,p-Xylene	ug/kg	13	13	U	13	13	U	13	13	U	13	13	U	9.8	9.8	U
Methylene chloride	ug/kg	13	13	U	13	13	U	13	13	U	13	13	U	9.8	9.8	U
Methyl-t-butyl ether	ug/kg	13	13	U	13	13	U	13	13	U	13	13	U	9.8	9.8	U

Table 2: Location 1 Soil Sample Chemical Results

Volatile Organic Compounds	Units	1-A	MDL	Remark	1-A Deep	MDL	Remark	1-B	MDL	Remark	1-C	MDL	Remark	1-D	MDL	Remark
o-Xylene	ug/kg	5.2	5.2	U	5.2	5.2	U	5.2	5.2	U	5.3	5.3	U	3.9	3.9	U
Tetrachloroethene	ug/kg	13	13	U	13	13	U	13	13	U	13	13	U	9.8	9.8	U
Toluene	ug/kg	13	13	U	13	13	U	13	13	U	13	13	U	9.8	9.8	U
trans-1,2-Dichloroethene	ug/kg	13	13	U	13	13	U	13	13	U	13	13	U	9.8	9.8	U
trans-1,3-Dichloropropene	ug/kg	5.2	5.2	U	5.2	5.2	U	5.2	5.2	U	5.3	5.3	U	3.9	3.9	U
Trichloroethene	ug/kg	5.2	5.2	U	5.2	5.2	U	5.2	5.2	U	5.3	5.3	U	3.9	3.9	U
Trichlorofluoromethane	ug/kg	13	13	U	13	13	U	13	13	U	13	13	U	9.8	9.8	U
Vinyl chloride	ug/kg	13	13	U	13	13	U	13	13	U	13	13	U	9.8	9.8	U
Semi-Volatile Organic Compounds	Units	1-A	MDL	Remark	1-A Deep	MDL	Remark	1-B	MDL	Remark	1-C	MDL	Remark	1-D	MDL	Remark
1,2,4-Trichlorobenzene	ug/kg	240	240	U	210	210	U	210	210	U	230	230	U	200	200	U
1-Methylnaphthalene	ug/kg	8.8	8.8	UQ	7.8	7.8	U	7.9	7.9	UQ	8.7	8.7	UQ	7.5	7.5	U
1-Methylphenanthrene	ug/kg	8.8	8.8	U	7.8	7.8	U	7.9	7.9	U	8.7	8.7	U	7.5	7.5	U
2,3,5-Trimethylnaphthalene	ug/kg	8.8	8.8	UQ	7.8	7.8	U	7.9	7.9	UQ	8.7	8.7	UQ	7.5	7.5	U
2,4,6-Trichlorophenol	ug/kg	80	80	U	70	70	U	71	71	U	78	78	U	68	68	U
2,4-Dichlorophenol	ug/kg	80	80	U	70	70	U	71	71	U	78	78	U	68	68	U
2,4-Dimethylphenol	ug/kg	480	480	U	420	420	U	430	430	U	470	470	U	410	410	U
2,4-Dinitrophenol	ug/kg	480	480	U	420	420	U	430	430	U	470	470	U	410	410	U
2,4-Dinitrotoluene	ug/kg	80	80	U	70	70	U	71	71	U	78	78	U	68	68	U
2,6-Dimethylnaphthalene	ug/kg	8.8	8.8	UQ	7.8	7.8	U	7.9	7.9	UQ	8.7	8.7	UQ	7.5	7.5	U
2,6-Dinitrotoluene	ug/kg	80	80	U	70	70	U	71	71	U	78	78	U	68	68	U
2-Chloronaphthalene	ug/kg	80	80	U	70	70	U	71	71	U	78	78	U	68	68	U
2-Chlorophenol	ug/kg	240	240	U	210	210	U	210	210	U	230	230	U	200	200	U
2-Methyl-4,6-dinitrophenol	ug/kg	80	80	U	70	70	U	71	71	U	78	78	U	68	68	U
2-Methylnaphthalene	ug/kg	8.8	8.8	UQ	7.8	7.8	U	7.9	7.9	UQ	8.7	8.7	UQ	7.5	7.5	U
2-Nitrophenol	ug/kg	80	80	U	70	70	U	71	71	U	78	78	U	68	68	U
3,3'-Dichlorobenzidine	ug/kg	4800	4800	U	4800	4800	U	4300	4300	U	4700	4700	U	4000	4000	U
4-Bromophenyl phenyl ether	ug/kg	80	80	U	70	70	U	71	71	U	78	78	U	68	68	U
4-Chloro-3-methylphenol	ug/kg	80	80	U	70	70	U	71	71	U	78	78	U	68	68	U

Table 2: Location 1 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	1-A	MDL	Remark	1-A Deep	MDL	Remark	1-B	MDL	Remark	1-C	MDL	Remark	1-D	MDL	Remark
4-Chlorophenyl phenyl ether	ug/kg	80	80	U	70	70	U	71	71	U	78	78	U	68	68	U
4-Nitrophenol	ug/kg	80	80	U	70	70	U	71	71	U	78	78	U	68	68	U
Acenaphthene	ug/kg	8.8	8.8	U	7.8	7.8	U	7.9	7.9	U	8.7	8.7	U	7.5	7.5	U
Acenaphthylene	ug/kg	8.8	8.8	U	7.8	7.8	U	7.9	7.9	U	8.7	8.7	U	7.5	7.5	U
Anthracene	ug/kg	8.8	8.8	U	7.8	7.8	U	7.9	7.9	U	8.7	8.7	U	7.5	7.5	U
Azobenzene/1,2-Diphenylhydrazine	ug/kg	80	80	U	70	70	U	71	71	U	78	78	U	68	68	U
Benzidine	ug/kg	1700	1700	UJ	1500	1500	UJ	1500	1500	UJ	1700	1700	UJ	1500	1500	UJ
Benzo(a)anthracene	ug/kg	8.8	8.8	U	7.8	7.8	U	7.9	7.9	U	8.7	8.7	U	14	7.5	I
Benzo(a)pyrene	ug/kg	8.8	8.8	U	7.8	7.8	U	7.9	7.9	U	8.7	8.7	U	17	7.5	I
Benzo(b)fluoranthene	ug/kg	8.8	8.8	U	7.8	7.8	U	7.9	7.9	U	8.7	8.7	U	33	7.5	
Benzo(g,h,i)perylene	ug/kg	8.8	8.8	U	7.8	7.8	U	7.9	7.9	U	8.7	8.7	U	14	7.5	I
Benzo(k)fluoranthene	ug/kg	8.8	8.8	U	7.8	7.8	U	7.9	7.9	U	8.7	8.7	U	11	7.5	I
Biphenyl	ug/kg	8.8	8.8	U	7.8	7.8	U	7.9	7.9	U	8.7	8.7	U	7.5	7.5	U
Bis(2-chloroethoxy)methane	ug/kg	80	80	U	70	70	U	71	71	U	78	78	U	68	68	U
Bis(2-chloroethyl)ether	ug/kg	80	80	U	70	70	U	71	71	U	78	78	U	68	68	U
Bis(2-chloroisopropyl)ether	ug/kg	80	80	U	70	70	U	71	71	U	78	78	U	68	68	U
Bis(2-ethylhexyl)phthalate	ug/kg	630	480	IQ	420	420	UJ	430	430	UQ	470	470	UQ	410	410	UJ
Butyl benzyl phthalate	ug/kg	80	80	U	70	70	U	71	71	U	78	78	U	68	68	U
Chrysene	ug/kg	8.8	8.8	U	7.8	7.8	U	7.9	7.9	U	8.7	8.7	U	17	7.5	I
Dibenzo(a,h)anthracene	ug/kg	8.8	8.8	U	7.8	7.8	U	7.9	7.9	U	8.7	8.7	U	7.5	7.5	U
Dibenzothiophene	ug/kg	8.8	8.8	U	7.8	7.8	U	7.9	7.9	U	8.7	8.7	U	7.5	7.5	U
Diethyl phthalate	ug/kg	80	80	U	70	70	U	71	71	U	78	78	U	68	68	U
Dimethyl phthalate	ug/kg	80	80	U	70	70	U	71	71	U	78	78	U	68	68	U
Di-n-butyl phthalate	ug/kg	480	480	U	420	420	U	430	430	U	470	470	U	410	410	U
Di-n-octyl phthalate	ug/kg	80	80	U	70	70	U	71	71	U	78	78	U	68	68	U
Fluoranthene	ug/kg	8.8	8.8	U	7.8	7.8	U	7.9	7.9	U	8.7	8.7	U	15	7.5	I
Fluorene	ug/kg	8.8	8.8	U	7.8	7.8	U	7.9	7.9	U	8.7	8.7	U	7.5	7.5	U
Hexachlorobenzene	ug/kg	80	80	U	70	70	U	71	71	U	78	78	U	68	68	U

Table 2: Location 1 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	1-A	MDL	Remark	1-A Deep	MDL	Remark	1-B	MDL	Remark	1-C	MDL	Remark	1-D	MDL	Remark
Hexachlorobutadiene	ug/kg	240	240	U	210	210	U	210	210	U	230	230	U	200	200	U
Hexachlorocyclopentadiene	ug/kg	80	80	U	70	70	U	71	71	U	78	78	U	68	68	UJ
Hexachloroethane	ug/kg	240	240	U	210	210	U	210	210	U	230	230	U	200	200	UJ
Indeno(1,2,3-cd)pyrene	ug/kg	8.8	8.8	U	7.8	7.8	U	7.9	7.9	U	8.7	8.7	U	12	7.5	I
Isophorone	ug/kg	80	80	U	70	70	U	71	71	U	78	78	U	68	68	U
Naphthalene	ug/kg	8.8	8.8	U	7.8	7.8	U	7.9	7.9	U	8.7	8.7	U	7.5	7.5	U
Nitrobenzene	ug/kg	80	80	U	70	70	U	71	71	U	78	78	U	68	68	U
N-Nitrosodimethylamine	ug/kg	480	480	U	420	420	U	430	430	U	470	470	U	410	410	U
N-Nitrosodi-n-propylamine	ug/kg	80	80	U	70	70	U	71	71	U	78	78	U	68	68	U
N-Nitrosodiphenylamine/ Diphenylamine	ug/kg	80	80	U	70	70	U	71	71	U	78	78	U	68	68	U
Pentachlorophenol	ug/kg	80	80	U	70	70	U	71	71	U	78	78	U	68	68	UJ
Phenanthrene	ug/kg	8.8	8.8	U	7.8	7.8	U	7.9	7.9	UJQ	8.7	8.7	U	7.5	7.5	U
Phenol	ug/kg	80	80	U	70	70	U	71	71	U	78	78	U	68	68	U
Pyrene	ug/kg	8.8	8.8	U	7.8	7.8	U	7.9	7.9	U	8.7	8.7	U	19	7.5	I
TRPH	mg/kg	17	14	I	12	12	U	12	12	U	26	13	I	12	12	UJ
Pesticides/Herbicides/PCBs	Units	1-A	MDL	Remark	1-A Deep	MDL	Remark	1-B	MDL	Remark	1-C	MDL	Remark	1-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

Table 2: Location 1 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	1-A	MDL	Remark	1-A Deep	MDL	Remark	1-B	MDL	Remark	1-C	MDL	Remark	1-D	MDL	Remark
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
Silvex	ug/kg													7.4	7.4	U
Alachlor	ug/kg	13	13	U	12	12	U	12	12	U	13	13	U	11	11	U
Aldrin	ug/Kg	0.44	0.44	U	0.39	0.39	U	0.39	0.39	U	0.43	0.43	U	0.38	0.38	U
Alpha-BHC	ug/Kg	0.44	0.44	U	0.39	0.39	U	0.39	0.39	U	0.43	0.43	U	0.38	0.38	U
Ametryn	ug/kg	2.2	2.2	U	1.9	1.9	U	2	2	U	2.2	2.2	U	1.9	1.9	U
Atrazine	ug/kg	2.2	2.2	U	1.9	1.9	U	2	2	U	2.2	2.2	U	1.9	1.9	U
Azinphos Methyl	ug/kg	6.6	6.6	UJ	5.8	5.8	UJ	5.9	5.9	UJ	6.5	6.5	UJ	5.7	5.7	UJ
Beta-BHC	ug/Kg	0.44	0.44	U	0.39	0.39	U	0.39	0.39	U	0.43	0.43	U	0.38	0.38	U
Bromacil	ug/kg	8.8	8.8	U	7.8	7.8	U	7.9	7.9	U	8.7	8.7	U	7.5	7.5	U
Chlordane	ug/Kg	6.6	6.6	U	5.8	5.8	U	5.9	5.9	U	6.5	6.5	U	5.7	5.7	U
Chlorpyrifos Ethyl	ug/kg	23	2.2		3.4	1.9	I	6.9	2	I	2.2	2.2	U	1.9	1.9	U
Chlorpyrifos Methyl	ug/kg	4.4	4.4	U	3.9	3.9	U	3.9	3.9	U	4.3	4.3	U	3.8	3.8	U
DDD-p,p'	ug/Kg	0.88	0.88	U	0.78	0.78	U	0.79	0.79	U	0.87	0.87	U	0.75	0.75	U
DDE-p,p'	ug/Kg	0.88	0.88	U	0.78	0.78	U	0.79	0.79	U	1.5	0.87	I	0.75	0.75	U
DDT-p,p'	ug/Kg	1.3	1.3	U	1.2	1.2	U	1.2	1.2	U	2.2	1.3	I	1.1	1.1	U
Delta-BHC	ug/Kg	0.88	0.88	U	0.78	0.78	U	0.79	0.79	U	0.87	0.87	U	0.75	0.75	U
Diazinon	ug/kg	2.2	2.2	U	1.9	1.9	U	2	2	U	2.2	2.2	U	1.9	1.9	U
Dieldrin	ug/Kg	0.44	0.44	U	0.39	0.39	U	0.39	0.39	U	0.43	0.43	U	0.38	0.38	U
Endosulfan I	ug/Kg	0.44	0.44	U	0.39	0.39	U	0.39	0.39	U	0.43	0.43	U	0.38	0.38	U
Endosulfan II	ug/Kg	0.44	0.44	U	0.39	0.39	U	0.39	0.39	U	0.43	0.43	U	0.38	0.38	U
Endosulfan Sulfate	ug/Kg	0.88	0.88	U	0.78	0.78	U	0.79	0.79	U	0.87	0.87	U	0.75	0.75	U
Endrin	ug/Kg	2.2	2.2	U	1.9	1.9	U	2	2	U	2.2	2.2	U	1.9	1.9	U
Endrin Aldehyde	ug/Kg	0.88	0.88	U	0.78	0.78	U	0.79	0.79	U	0.87	0.87	U	0.75	0.75	U
Ethion	ug/kg	2.2	2.2	U	1.9	1.9	U	2	2	U	2.2	2.2	U	1.9	1.9	U

Table 2: Location 1 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	1-A	MDL	Remark	1-A Deep	MDL	Remark	1-B	MDL	Remark	1-C	MDL	Remark	1-D	MDL	Remark
Ethoprop	ug/kg	2.2	2.2	U	1.9	1.9	U	2	2	U	2.2	2.2	U	1.9	1.9	U
Fenamiphos	ug/kg	8.8	8.8	U	7.8	7.8	U	7.9	7.9	U	8.7	8.7	U	7.5	7.5	U
Fonofos	ug/kg	2.2	2.2	U	1.9	1.9	U	2	2	U	2.2	2.2	U	1.9	1.9	U
Gamma-BHC	ug/Kg	0.44	0.44	U	0.39	0.39	U	0.39	0.39	U	0.43	0.43	U	0.38	0.38	U
Heptachlor	ug/Kg	0.44	0.44	U	0.39	0.39	U	0.39	0.39	U	0.43	0.43	U	0.38	0.38	U
Heptachlor Epoxide	ug/kg	0.44	0.44	U	0.39	0.39	U	0.39	0.39	U	0.43	0.43	U	0.38	0.38	U
Hexazinone	ug/kg	4.4	4.4	U	3.9	3.9	U	3.9	3.9	U	4.3	4.3	U	3.8	3.8	U
Malathion	ug/kg	4.4	4.4	U	3.9	3.9	U	3.9	3.9	U	4.3	4.3	U	3.8	3.8	U
Methamidophos	ug/kg	22	22	U	19	19	U	20	20	U	22	22	U	19	19	U
Methoxychlor	ug/kg	2.2	2.2	U	1.9	1.9	U	2	2	U	2.2	2.2	U	1.9	1.9	U
Metolachlor	ug/kg	13	13	U	12	12	U	12	12	U	13	13	U	11	11	U
Metribuzin	ug/kg	4.4	4.4	U	3.9	3.9	U	3.9	3.9	U	4.3	4.3	U	3.8	3.8	U
Mevinphos	ug/kg	8.8	8.8	U	7.8	7.8	U	7.9	7.9	U	8.7	8.7	U	7.5	7.5	U
Monocrotophos	ug/kg	22	22	U	19	19	U	20	20	U	22	22	U	19	19	U
Naled	ug/kg	18	18	U	16	16	U	16	16	U	17	17	U	15	15	U
Norflurazon	ug/kg	4.4	4.4	U	3.9	3.9	U	3.9	3.9	U	4.3	4.3	U	3.8	3.8	U
Parathion Ethyl	ug/kg	4.4	4.4	U	3.9	3.9	U	3.9	3.9	U	4.3	4.3	U	3.8	3.8	U
Parathion Methyl	ug/kg	4.4	4.4	U	3.9	3.9	U	3.9	3.9	U	4.3	4.3	U	3.8	3.8	U
PCB-1016	ug/Kg	13	13	U	12	12	U	12	12	U	13	13	U	11	11	U
PCB-1221	ug/Kg	8.8	8.8	U	7.8	7.8	U	7.9	7.9	U	8.7	8.7	U	7.5	7.5	U
PCB-1232	ug/Kg	20	20	U	17	17	U	18	18	U	19	19	U	17	17	U
PCB-1242	ug/Kg	13	13	U	12	12	U	12	12	U	13	13	U	11	11	U
PCB-1248	ug/Kg	8.8	8.8	U	7.8	7.8	U	7.9	7.9	U	8.7	8.7	U	7.5	7.5	U
PCB-1254	ug/Kg	8.8	8.8	U	7.8	7.8	U	7.9	7.9	U	8.7	8.7	U	7.5	7.5	U
PCB-1260	ug/Kg	13	13	U	12	12	U	12	12	U	13	13	U	11	11	U
Phorate	ug/kg	2.2	2.2	U	1.9	1.9	U	2	2	U	2.2	2.2	U	1.9	1.9	U
Prometryn	ug/kg	4.4	4.4	U	3.9	3.9	U	3.9	3.9	U	4.3	4.3	U	3.8	3.8	U
Simazine	ug/kg	2.2	2.2	U	1.9	1.9	U	2	2	U	2.2	2.2	U	1.9	1.9	U

Table 2: Location 1 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	1-A	MDL	Remark	1-A Deep	MDL	Remark	1-B	MDL	Remark	1-C	MDL	Remark	1-D	MDL	Remark
Toxaphene	ug/Kg	33	33	U	29	29	U	30	30	U	32	32	U	28	28	U
Diquat	mg/Kg													0.053	0.053	U
Paraquat	mg/Kg													0.066	0.066	UJ
Metals	Units	1-A	MDL	Remark	1-A Deep	MDL	Remark	1-B	MDL	Remark	1-C	MDL	Remark	1-D	MDL	Remark
Mercury	mg/Kg	0.021	0.0054	I	0.014	0.0046	I	0.016	0.0042	I	0.023	0.0043		0.012	0.0052	I
Antimony	mg/Kg	0.17	0.17	U	0.15	0.15	U	0.23	0.15	I	0.16	0.16	U	0.14	0.14	UJ
Arsenic	mg/Kg	1.02	0.066		0.72	0.058		0.75	0.059		0.73	0.065		1.21	0.056	A
Barium	mg/Kg	11.3	0.066		7.32	0.058		10.4	0.059		5.64	0.065		7.93	0.056	A
Beryllium	mg/Kg	0.15	0.027		0.055	0.023	I	0.137	0.024		0.026	0.026	U	0.126	0.023	A
Cadmium	mg/Kg	0.042	0.033	I	0.029	0.029	U	0.046	0.03	I	0.032	0.032	U	0.028	0.028	U
Chromium	mg/Kg	9.9	0.17		2.61	0.15		6.17	0.15		1.3	0.16		4.36	0.14	A
Cobalt	mg/Kg	0.639	0.013		0.243	0.012		0.591	0.012		0.173	0.013		0.464	0.011	A
Copper	mg/Kg	3.97	0.17		0.75	0.15		11.4	0.15		2.35	0.16		1.91	0.14	A
Lead	mg/Kg	3.24	0.25		1.63	0.22		36.8	0.22		4.38	0.24		2.33	0.21	A
Nickel	mg/Kg	1.87	0.17		0.81	0.15		2.36	0.15		0.59	0.16	I	1.34	0.14	A
Selenium	mg/Kg	0.28	0.1	I	0.22	0.087	I	0.23	0.089	I	0.12	0.097	I	0.2	0.085	I
Silver	mg/Kg	0.037	0.0083		0.0086	0.0073	I	0.021	0.0074	I	0.0081	0.0081	U	0.007	0.007	U
Thallium	mg/Kg	0.033	0.033	U	0.029	0.029	U	0.03	0.03	U	0.032	0.032	U	0.028	0.028	U
Zinc	mg/Kg	22.1	1.3		2.8	1.2	I	38.4	1.2		6	1.3		17.7	1.1	AJ
Dioxins/Furans	Units	1-A	MDL	Remark	1-A Deep	MDL	Remark	1-B	MDL	Remark	1-C	MDL	Remark	1-D	MDL	Remark
1,2,3,4,6,7,8-HpCDD	ng/Kg													0.912	2.09	I
1,2,3,4,6,7,8-HpCDF	ng/Kg													0.0638	2.09	U
1,2,3,4,7,8,9-HpCDF	ng/Kg													0.0828	2.09	U
1,2,3,4,7,8-HxCDD	ng/Kg													0.0766	2.09	U
1,2,3,4,7,8-HxCDF	ng/Kg													0.0417	2.09	U
1,2,3,6,7,8-HxCDD	ng/Kg													0.0686	2.09	U
1,2,3,6,7,8-HxCDF	ng/Kg													0.0404	2.09	U
1,2,3,7,8,9-HxCDD	ng/Kg													0.0744	2.09	U

Table 2: Location 1 Soil Sample Chemical Results

Dioxins/Furans	Units	1-A	MDL	Remark	1-A Deep	MDL	Remark	1-B	MDL	Remark	1-C	MDL	Remark	1-D	MDL	Remark
1,2,3,7,8,9-HxCDF	ng/Kg													0.051	2.09	U
1,2,3,7,8-PeCDD	ng/Kg													0.07	2.09	U
1,2,3,7,8-PeCDF	ng/Kg													0.0327	2.09	U
2,3,4,6,7,8-HxCDF	ng/Kg													0.0458	2.09	U
2,3,4,7,8-PeCDF	ng/Kg													0.032	2.09	U
2,3,7,8-TCDD	ng/Kg													0.0457	0.835	U
2,3,7,8-TCDF	ng/Kg													0.0403	0.835	U
OCDD	ng/Kg													7.89	4.18	V
OCDF	ng/Kg													0.335	4.18	U
Total Hepta-Dioxins	ng/Kg													2.99	2.09	
Total Hepta-Furans	ng/Kg													0.0638	2.09	U
Total Hexa-Dioxins	ng/Kg													0.383	2.09	I
Total Hexa-Furans	ng/Kg													0.0404	2.09	U
Total Penta-Dioxins	ng/Kg													0.07	2.09	U
Total Penta-Furans	ng/Kg													0.032	2.09	U
Total Tetra-Dioxins	ng/Kg													0.0457	0.835	U
Total Tetra-Furans	ng/Kg													0.458	0.835	I
Calculated Total Toxicity Equivalents (TEQ)	Units	1-A			1-A Deep			1-B			1-C			1-D		
Dioxins as total 2,3,7,8-TCDD	ng/Kg													0.0993		
Total Benzo(a)pyrene	mg/Kg													0.03		

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

Table 3: Location 1 Soil Sample Radionuclide Results

Radionuclides	Units	1-A	Remark	1-A Deep	Remark	1-B	Remark	1-C	Remark	1-D	Remark
Actinium-228	pCi/g	0.256	U	0.176	U	0.279	U	0.172	U	0.193	UJ
Actinium-228 Uncertainty	pCi/g	0.134		0.0929		0.203		0.116		0.12	
Alpha Uncertainty	pCi/g	2.43		1.41		2.25		1.52		2.62	
Alpha, Total	pCi/g	3.25	U	2.8	U	2.98	U	2.67	U	3.86	U
Americium-241	pCi/g	0.328	U	0.107	U	0.055	U	0.172	U	0.0997	U
Americium-241 Uncertainty	pCi/g	0.189		0.0603		0.0305		0.103		0.0598	
Antimony-124	pCi/g	0.27	U	0.124	U	0.176	U	0.134	U	0.104	U
Antimony-124 Uncertainty	pCi/g	0.139		0.0812		0.134		0.0941		0.0606	
Antimony-125	pCi/g	0.129	U	0.0852	U	0.107	U	0.0865	U	0.0685	U
Antimony-125 Uncertainty	pCi/g	0.0751		0.0465		0.0623		0.0487		0.0383	
Barium-133	pCi/g	0.0633	U	0.0399	U	0.039	U	0.0365	U	0.0313	U
Barium-133 Uncertainty	pCi/g	0.0429		0.0219		0.0286		0.0247		0.0223	
Barium-140	pCi/g	9.64	U	6.84	U	10.4	U	5.63	U	6.5	U
Barium-140 Uncertainty	pCi/g	5.81		3.94		5.44		3.91		3.52	
Beryllium-7	pCi/g	0.934	U	0.649	U	0.831	U	0.656	U	0.597	U
Beryllium-7 Uncertainty	pCi/g	0.568		0.36		0.512		0.373		0.327	
Beta Uncertainty	pCi/g	1.85		1.92		1.55		1.26		2.37	
Beta, Total	pCi/g	3.15	U	3.12	U	3.08	U	2.73	U	3.65	U
Bismuth-212	pCi/g	0.648	U	0.514	U	0.723	U	0.462	U	0.485	U
Bismuth-212 Uncertainty	pCi/g	0.418		0.263		0.378		0.259		0.248	
Bismuth-214	pCi/g	0.2		0.209		0.35		0.107	UJ	0.205	
Bismuth-214 Uncertainty	pCi/g	0.114		0.0895		0.104		0.0662		0.07	
Cerium-139	pCi/g	0.0556	U	0.0337	U	0.0437	U	0.0326	U	0.0333	U
Cerium-139 Uncertainty	pCi/g	0.0321		0.0196		0.025		0.0184		0.0179	
Cerium-141	pCi/g	0.342	U	0.194	U	0.258	U	0.188	U	0.196	U
Cerium-141 Uncertainty	pCi/g	0.209		0.119		0.146		0.111		0.108	
Cerium-144	pCi/g	0.289	U	0.189	U	0.235	U	0.195	U	0.172	U
Cerium-144 Uncertainty	pCi/g	0.191		0.101		0.129		0.113		0.0932	
Cesium-134	pCi/g	0.0675	U	0.0483	U	0.0501	U	0.0409	U	0.0354	U

Table 3: Location 1 Soil Sample Radionuclide Results

Radionuclides	Units	1-A	Remark	1-A Deep	Remark	1-B	Remark	1-C	Remark	1-D	Remark
Cesium-134 Uncertainty	pCi/g	0.0372		0.0233		0.0311		0.0237		0.0197	
Cesium-136	pCi/g	3.41	U	2.58	U	2.72	U	2.06	U	2.12	U
Cesium-136 Uncertainty	pCi/g	2.11		1.44		1.92		1.3		1.15	
Cesium-137	pCi/g	0.0754		0.0441		0.0502	U	0.158		0.042	U
Cesium-137 Uncertainty	pCi/g	0.0441		0.0229		0.0323		0.0396		0.024	
Chromium-51	pCi/g	2.43	U	1.62	U	1.65	U	1.58	U	1.58	U
Chromium-51 Uncertainty	pCi/g	1.44		1.02		1		0.876		0.97	
Cobalt-56	pCi/g	0.0828	U	0.0737	U	0.0924	U	0.0631	U	0.0589	U
Cobalt-56 Uncertainty	pCi/g	0.053		0.0387		0.0469		0.0361		0.0295	
Cobalt-57	pCi/g	0.041	U	0.0232	U	0.0274	U	0.0255	U	0.0227	U
Cobalt-57 Uncertainty	pCi/g	0.0241		0.0129		0.0154		0.015		0.0121	
Cobalt-58	pCi/g	0.0635	U	0.0654	U	0.0907	U	0.057	U	0.0527	U
Cobalt-58 Uncertainty	pCi/g	0.0436		0.0349		0.0508		0.0341		0.0325	
Cobalt-60	pCi/g	0.0434	U	0.0277	U	0.0459	U	0.0325	U	0.0321	U
Cobalt-60 Uncertainty	pCi/g	0.0261		0.0217		0.0285		0.0188		0.0196	
Europium-152	pCi/g	0.135	U	0.0874	U	0.101	U	0.0805	U	0.0783	U
Europium-152 Uncertainty	pCi/g	0.0918		0.0466		0.0715		0.0507		0.0442	
Europium-154	pCi/g	0.115	U	0.091	U	0.0964	U	0.0905	U	0.0887	U
Europium-154 Uncertainty	pCi/g	0.0748		0.0513		0.0787		0.0528		0.0543	
Europium-155	pCi/g	0.134	U	0.0782	U	0.092	U	0.0901	U	0.0805	U
Europium-155 Uncertainty	pCi/g	0.0811		0.0424		0.0522		0.0519		0.0426	
Iridium-192	pCi/g	0.0843	U	0.0537	U	0.0677	U	0.0532	U	0.0559	U
Iridium-192 Uncertainty	pCi/g	0.0493		0.0322		0.0364		0.0312		0.0325	
Iron-59	pCi/g	0.299	U	0.17	U	0.27	U	0.171	U	0.148	U
Iron-59 Uncertainty	pCi/g	0.164		0.104		0.159		0.102		0.0848	
Lead-210	pCi/g	14.3	U	3.03	U	0.715		6.03	U	2.75	U
Lead-210 Uncertainty	pCi/g	8.41		1.83		0.476		3.14		1.63	
Lead-212	pCi/g	0.143	UJ	0.0792	UJ	0.145		0.131		0.144	
Lead-212 Uncertainty	pCi/g	0.0851		0.0432		0.0678		0.0472		0.0543	

Table 3: Location 1 Soil Sample Radionuclide Results

Radionuclides	Units	1-A	Remark	1-A Deep	Remark	1-B	Remark	1-C	Remark	1-D	Remark
Lead-214	pCi/g	0.284		0.235		0.365		0.173		0.119	UJ
Lead-214 Uncertainty	pCi/g	0.125		0.0735		0.104		0.0713		0.0778	
Manganese-54	pCi/g	0.0468	U	0.0384	U	0.0527	U	0.0376	U	0.0288	U
Manganese-54 Uncertainty	pCi/g	0.0309		0.0219		0.0303		0.0218		0.018	
Mercury-203	pCi/g	0.133	U	0.0899	U	0.102	U	0.0844	U	0.0731	U
Mercury-203 Uncertainty	pCi/g	0.0772		0.0485		0.0539		0.0488		0.0462	
Neodymium-147	pCi/g	39.1	U	21.2	U	37.7	U	22.9	U	23.2	U
Neodymium-147 Uncertainty	pCi/g	23.9		13.2		21.5		13.6		12.5	
Neptunium-239	pCi/g	0.527	U	0.334	U	0.328	U	0.335	U	0.315	U
Neptunium-239 Uncertainty	pCi/g	0.324		0.182		0.196		0.197		0.166	
Niobium-94	pCi/g	0.0486	U	0.0269	U	0.0401	U	0.0314	U	0.0222	U
Niobium-94 Uncertainty	pCi/g	0.0269		0.0171		0.0226		0.0172		0.0139	
Niobium-95	pCi/g	0.108	U	0.0719	U	0.131	U	0.071	U	0.066	U
Niobium-95 Uncertainty	pCi/g	0.0577		0.0464		0.0639		0.0418		0.043	
Potassium-40	pCi/g	0.567		0.632		0.741	U	0.451	U	0.394	
Potassium-40 Uncertainty	pCi/g	0.494		0.386		0.38		0.248		0.287	
Promethium-144	pCi/g	0.0563	U	0.0319	U	0.0456	U	0.0376	U	0.0349	U
Promethium-144 Uncertainty	pCi/g	0.0315		0.0205		0.029		0.0206		0.0197	
Promethium-146	pCi/g	0.0644	U	0.032	U	0.051	U	0.0377	U	0.0362	U
Promethium-146 Uncertainty	pCi/g	0.0366		0.0196		0.027		0.0221		0.0209	
Radium-228	pCi/g	0.256	U	0.176	U	0.279	U	0.172	U	0.193	UJ
Radium-228 Uncertainty	pCi/g	0.134		0.0929		0.203		0.116		0.12	
Ruthenium-106	pCi/g	0.385	U	0.289	U	0.42	U	0.282	U	0.239	U
Ruthenium-106 Uncertainty	pCi/g	0.249		0.172		0.236		0.173		0.163	
Silver-110m	pCi/g	0.0739	U	0.0529	U	0.0567	U	0.047	U	0.0479	U
Silver-110m Uncertainty	pCi/g	0.0396		0.0283		0.0383		0.0283		0.0276	
Sodium-22	pCi/g	0.0409	U	0.0328	U	0.0349	U	0.0327	U	0.0322	U
Sodium-22 Uncertainty	pCi/g	0.0288		0.0191		0.0294		0.0191		0.0194	
Thallium-208	pCi/g	0.0481		0.0621		0.0777		0.0373		0.079	

Table 3: Location 1 Soil Sample Radionuclide Results

Radionuclides	Units	1-A	Remark	1-A Deep	Remark	1-B	Remark	1-C	Remark	1-D	Remark
Thallium-208 Uncertainty	pCi/g	0.0431		0.0386		0.0382		0.029		0.0388	
Thorium-234	pCi/g	2.73	U	1.12	U	0.58	U	1.53	U	1.08	U
Thorium-234 Uncertainty	pCi/g	1.55		0.649		0.455		0.862		0.588	
Tin-113	pCi/g	0.0937	U	0.0483	U	0.0671	U	0.058	U	0.0507	U
Tin-113 Uncertainty	pCi/g	0.0518		0.0282		0.0381		0.0331		0.0281	
Uranium-235	pCi/g	0.27	U	0.182	U	0.208	U	0.154	U	0.161	U
Uranium-235 Uncertainty	pCi/g	0.175		0.1		0.119		0.109		0.0931	
Uranium-238	pCi/g	2.73	U	1.12	U	0.58	U	1.53	U	1.08	U
Uranium-238 Uncertainty	pCi/g	1.55		0.649		0.455		0.862		0.588	
Yttrium-88	pCi/g	0.0391	U	0.0541	U	0.074	U	0.0527	U	0.0518	U
Yttrium-88 Uncertainty	pCi/g	0.0254		0.0257		0.0468		0.0326		0.0273	
Zinc-65	pCi/g	0.11	U	0.0758	U	0.101	U	0.0841	U	0.0728	U
Zinc-65 Uncertainty	pCi/g	0.0723		0.0521		0.0643		0.0537		0.0479	
Zirconium-95	pCi/g	0.183	U	0.104	U	0.163	U	0.115	U	0.107	U
Zirconium-95 Uncertainty	pCi/g	0.102		0.0632		0.0862		0.067		0.0635	

Location 2

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

Analyte	Residential SCTL	2-A	2-A Deep	2-B	2-C	2-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 2 Soil Sample Chemical Results

Volatile Organic Compounds	Units	2-A	MDL	Remark	2-A Deep	MDL	Remark	2-B	MDL	Remark	2-C	MDL	Remark	2-D	MDL	Remark
1,1,1-Trichloroethane	ug/kg	4.8	4.8	U	4.6	4.6	U	5.6	5.6	U	6.6	6.6	U	4.9	4.9	U
1,1,1,2,2-Tetrachloroethane	ug/kg	12	12	UJ	12	12	UJ	14	14	UJ	16	16	UJ	12	12	UJ
1,1,2-Trichloroethane	ug/kg	4.8	4.8	U	4.6	4.6	U	5.6	5.6	U	6.6	6.6	U	4.9	4.9	U
1,1-Dichloroethane	ug/kg	4.8	4.8	U	4.6	4.6	U	5.6	5.6	U	6.6	6.6	U	4.9	4.9	U
1,1-Dichloroethene	ug/kg	12	12	U	12	12	U	14	14	U	16	16	U	12	12	U
1,2-Dichlorobenzene	ug/kg	12	12	U	12	12	U	14	14	U	16	16	U	12	12	U
1,2-Dichloroethane	ug/kg	4.8	4.8	U	4.6	4.6	U	5.6	5.6	U	6.6	6.6	U	4.9	4.9	U
1,2-Dichloropropane	ug/kg	12	12	U	12	12	U	14	14	U	16	16	U	12	12	U
1,3-Dichlorobenzene	ug/kg	12	12	U	12	12	U	14	14	U	16	16	U	12	12	U
1,4-Dichlorobenzene	ug/kg	12	12	U	12	12	U	14	14	U	16	16	U	12	12	U
2-Butanone	ug/kg	120	120	U	120	120	U	140	140	U	160	160	U	120	120	U
2-Chloroethylvinyl ether	ug/kg	12	12	U	12	12	U	14	14	U	16	16	U	12	12	U
Benzene	ug/kg	4.8	4.8	U	4.6	4.6	U	5.6	5.6	U	6.6	6.6	U	4.9	4.9	U
Bromodichloromethane	ug/kg	4.8	4.8	U	4.6	4.6	U	5.6	5.6	U	6.6	6.6	U	4.9	4.9	U
Bromoform	ug/kg	12	12	UJ	12	12	UJ	14	14	UJ	16	16	UJ	12	12	UJ
Bromomethane	ug/kg	12	12	U	12	12	U	14	14	U	16	16	U	12	12	U
Carbon tetrachloride	ug/kg	4.8	4.8	UJ	4.6	4.6	UJ	5.6	5.6	UJ	6.6	6.6	UJ	4.9	4.9	UJ
Chlorobenzene	ug/kg	4.8	4.8	U	4.6	4.6	U	5.6	5.6	U	6.6	6.6	U	4.9	4.9	U
Chloroethane	ug/kg	12	12	U	12	12	U	14	14	U	16	16	U	12	12	U
Chloroform	ug/kg	4.8	4.8	U	4.6	4.6	U	5.6	5.6	U	6.6	6.6	U	4.9	4.9	U
Chloromethane	ug/kg	12	12	U	12	12	U	14	14	U	16	16	U	12	12	U
cis-1,2-Dichloroethene	ug/kg	12	12	U	12	12	U	14	14	U	16	16	U	12	12	U
cis-1,3-Dichloropropene	ug/kg	12	12	UJ	12	12	UJ	14	14	UJ	16	16	UJ	12	12	UJ
Dibromochloromethane	ug/kg	4.8	4.8	U	4.6	4.6	U	5.6	5.6	U	6.6	6.6	U	4.9	4.9	U
Ethylbenzene	ug/kg	12	12	U	12	12	U	14	14	U	16	16	U	12	12	U
m,p-Xylene	ug/kg	12	12	U	12	12	U	14	14	U	16	16	U	12	12	U
Methylene chloride	ug/kg	12	12	UJ	12	12	UJ	14	14	UJ	16	16	UJ	12	12	UJ
Methyl-t-butyl ether	ug/kg	12	12	U	12	12	U	14	14	U	16	16	U	12	12	U
o-Xylene	ug/kg	4.8	4.8	U	4.6	4.6	U	5.6	5.6	U	6.6	6.6	U	4.9	4.9	U

Table 2: Location 2 Soil Sample Chemical Results

Volatile Organic Compounds	Units	2-A	MDL	Remark	2-A Deep	MDL	Remark	2-B	MDL	Remark	2-C	MDL	Remark	2-D	MDL	Remark
Tetrachloroethene	ug/kg	12	12	U	12	12	U	14	14	U	16	16	U	12	12	U
Toluene	ug/kg	12	12	U	12	12	U	14	14	U	16	16	U	12	12	U
trans-1,2-Dichloroethene	ug/kg	12	12	U	12	12	U	14	14	U	16	16	U	12	12	U
trans-1,3-Dichloropropene	ug/kg	4.8	4.8	U	4.6	4.6	U	5.6	5.6	U	6.6	6.6	U	4.9	4.9	U
Trichloroethene	ug/kg	4.8	4.8	U	4.6	4.6	U	5.6	5.6	U	6.6	6.6	U	4.9	4.9	U
Trichlorofluoromethane	ug/kg	12	12	U	12	12	U	14	14	U	16	16	U	12	12	U
Vinyl chloride	ug/kg	12	12	U	12	12	U	14	14	U	16	16	U	12	12	U
Semi-Volatile Organic Compounds	Units	2-A	MDL	Remark	2-A Deep	MDL	Remark	2-B	MDL	Remark	2-C	MDL	Remark	2-D	MDL	Remark
1,2,4-Trichlorobenzene	ug/kg	200	200	U	200	200	U	210	210	U	250	250	U	210	210	U
1-Methylnaphthalene	ug/kg	7.3	7.3	U	7.4	7.4	U	7.8	7.8	U	9.3	9.3	U	7.8	7.8	U
1-Methylphenanthrene	ug/kg	7.3	7.3	U	7.4	7.4	U	7.8	7.8	U	9.3	9.3	U	7.8	7.8	U
2,3,5-Trimethylnaphthalene	ug/kg	7.3	7.3	U	7.4	7.4	U	7.8	7.8	U	9.3	9.3	U	7.8	7.8	U
2,4,6-Trichlorophenol	ug/kg	66	66	U	67	67	U	71	71	U	83	83	U	71	71	U
2,4-Dichlorophenol	ug/kg	66	66	U	67	67	U	71	71	U	83	83	U	71	71	U
2,4-Dimethylphenol	ug/kg	400	400	U	400	400	U	420	420	U	500	500	U	420	420	U
2,4-Dinitrophenol	ug/kg	400	400	U	400	400	U	420	420	U	500	500	U	420	420	U
2,4-Dinitrotoluene	ug/kg	66	66	U	67	67	U	71	71	U	83	83	U	71	71	U
2,6-Dimethylnaphthalene	ug/kg	7.3	7.3	U	7.4	7.4	U	7.8	7.8	U	9.3	9.3	U	31	31	U
2,6-Dinitrotoluene	ug/kg	66	66	U	67	67	U	71	71	U	83	83	U	71	71	U
2-Chloronaphthalene	ug/kg	66	66	U	67	67	U	71	71	U	83	83	U	71	71	U
2-Chlorophenol	ug/kg	200	200	U	200	200	U	210	210	U	250	250	U	210	210	U
2-Methyl-4,6-dinitrophenol	ug/kg	66	66	U	67	67	U	71	71	U	83	83	U	71	71	U
2-Methylnaphthalene	ug/Kg	7.3	7.3	U	7.4	7.4	U	7.8	7.8	U	9.3	9.3	U	27	27	U
2-Nitrophenol	ug/kg	66	66	U	67	67	U	71	71	U	83	83	U	71	71	U
3,3'-Dichlorobenzidine	ug/kg	4000	4000	U	4000	4000	U	4200	4200	U	5000	5000	U	4200	4200	U
4-Bromophenyl phenyl ether	ug/kg	66	66	U	67	67	U	71	71	U	83	83	U	71	71	U
4-Chloro-3-methylphenol	ug/kg	66	66	U	67	67	U	71	71	U	83	83	U	71	71	U
4-Chlorophenyl phenyl ether	ug/kg	66	66	U	67	67	U	71	71	U	83	83	U	71	71	U
4-Nitrophenol	ug/kg	66	66	U	67	67	U	71	71	U	83	83	U	71	71	U

Table 2: Location 2 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	2-A	MDL	Remark	2-A Deep	MDL	Remark	2-B	MDL	Remark	2-C	MDL	Remark	2-D	MDL	Remark
Acenaphthene	ug/kg	7.3	7.3	U	7.4	7.4	U	7.8	7.8	U	9.3	9.3	U	7.8	7.8	U
Acenaphthylene	ug/kg	7.3	7.3	U	7.4	7.4	U	7.8	7.8	U	9.3	9.3	U	7.8	7.8	U
Anthracene	ug/kg	7.3	7.3	U	7.4	7.4	U	7.8	7.8	U	9.3	9.3	U	7.8	7.8	U
Azobenzene/1,2-Diphenylhydrazine	ug/kg	66	66	U	67	67	U	71	71	U	83	83	U	71	71	U
Benzidine	ug/kg	1300	1300	U	1300	1300	U	1500	1500	U	1800	1800	U	1500	1500	UJ
Benzo(a)anthracene	ug/kg	7.3	7.3	U	7.4	7.4	U	8.2	7.8	I	9.3	9.3	U	7.8	7.8	U
Benzo(a)pyrene	ug/kg	7.3	7.3	U	7.4	7.4	U	13	7.8	I	9.3	9.3	U	7.8	7.8	U
Benzo(b)fluoranthene	ug/kg	7.3	7.3	U	7.4	7.4	U	21	7.8	I	9.3	9.3	U	7.8	7.8	U
Benzo(g,h,i)perylene	ug/kg	7.3	7.3	U	7.4	7.4	U	17	7.8	I	9.3	9.3	U	7.8	7.8	U
Benzo(k)fluoranthene	ug/kg	7.3	7.3	U	7.4	7.4	U	7.8	7.8	U	9.3	9.3	U	7.8	7.8	U
Biphenyl	ug/kg	7.3	7.3	U	7.4	7.4	U	7.8	7.8	U	9.3	9.3	U	7.8	7.8	U
Bis(2-chloroethoxy)methane	ug/kg	66	66	U	67	67	U	71	71	U	83	83	U	71	71	U
Bis(2-chloroethyl)ether	ug/kg	66	66	U	67	67	U	71	71	U	83	83	U	71	71	U
Bis(2-chloroisopropyl)ether	ug/kg	66	66	U	67	67	U	71	71	U	83	83	U	71	71	UJ
Bis(2-ethylhexyl)phthalate	ug/kg	400	400	UJ	400	400	UJ	420	420	UJ	500	500	UQ	1.80E+04	1.80E+04	UJ
Butyl benzyl phthalate	ug/kg	66	66	UJ	67	67	UJ	71	71	UJ	83	83	UJ	71	71	UJ
Chrysene	ug/kg	7.3	7.3	U	7.4	7.4	U	7.8	7.8	I	9.3	9.3	U	7.8	7.8	U
Dibenzo(a,h)anthracene	ug/kg	7.3	7.3	U	7.4	7.4	U	7.8	7.8	U	9.3	9.3	U	7.8	7.8	U
Dibenzothiophene	ug/kg	7.3	7.3	U	7.4	7.4	U	7.8	7.8	U	9.3	9.3	U	7.8	7.8	U
Diethyl phthalate	ug/kg	66	66	U	67	67	U	71	71	U	83	83	U	71	71	UJ
Dimethyl phthalate	ug/kg	66	66	U	67	67	U	71	71	U	83	83	U	71	71	U
Di-n-butyl phthalate	ug/kg	400	400	U	400	400	U	420	420	U	500	500	U	420	420	U
Di-n-octyl phthalate	ug/kg	66	66	UJ	67	67	UJ	71	71	UJ	83	83	UJ	71	71	UJ
Fluoranthene	ug/kg	7.3	7.3	U	7.4	7.4	U	8.6	7.8	I	9.3	9.3	U	7.8	7.8	U
Fluorene	ug/kg	7.3	7.3	U	7.4	7.4	U	7.8	7.8	U	9.3	9.3	U	7.8	7.8	U
Hexachlorobenzene	ug/kg	66	66	U	67	67	U	71	71	U	83	83	U	71	71	U
Hexachlorobutadiene	ug/kg	200	200	U	200	200	U	210	210	U	250	250	U	210	210	U
Hexachlorocyclopentadiene	ug/kg	66	66	UJ	67	67	UJ	71	71	UJ	83	83	UJ	71	71	U
Hexachloroethane	ug/kg	200	200	U	200	200	U	210	210	U	250	250	U	210	210	U

Table 2: Location 2 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	2-A	MDL	Remark	2-A Deep	MDL	Remark	2-B	MDL	Remark	2-C	MDL	Remark	2-D	MDL	Remark
Indeno(1,2,3-cd)pyrene	ug/kg	7.3	7.3	U	7.4	7.4	U	12	7.8	I	9.3	9.3	U	7.8	7.8	U
Isophorone	ug/kg	66	66	U	67	67	U	71	71	U	83	83	U	71	71	U
Naphthalene	ug/kg	7.3	7.3	U	7.4	7.4	U	7.8	7.8	U	9.3	9.3	U	7.8	7.8	U
Nitrobenzene	ug/kg	66	66	U	67	67	U	71	71	U	83	83	U	71	71	U
N-Nitrosodimethylamine	ug/kg	400	400	U	400	400	U	420	420	U	500	500	U	420	420	U
N-Nitrosodi-n-propylamine	ug/kg	66	66	U	67	67	U	71	71	U	83	83	U	71	71	UJ
N-Nitrosodiphenylamine/ Diphenylamine	ug/kg	66	66	U	67	67	U	71	71	U	83	83	U	71	71	U
Pentachlorophenol	ug/kg	66	66	U	67	67	U	71	71	U	83	83	U	71	71	U
Phenanthrene	ug/kg	7.3	7.3	U	7.4	7.4	U	7.8	7.8	U	9.3	9.3	U	7.8	7.8	U
Phenol	ug/kg	66	66	U	67	67	U	71	71	U	83	83	U	71	71	U
Pyrene	ug/kg	7.3	7.3	U	7.4	7.4	U	7.8	7.8	I	9.3	9.3	U	7.8	7.8	U
TRPH	mg/kg	11	11	U	12	12	U	24	12	I	16	14	I	12	12	U
Pesticides/Herbicides/PCBs	Units	2-A	MDL	Remark	2-A Deep	MDL	Remark	2-B	MDL	Remark	2-C	MDL	Remark	2-D	MDL	Remark
2,4,5-T	ug/kg													7.6	7.6	U
2,4-D	ug/kg													7.6	7.6	U
3-Hydroxycarbofuran	ug/kg													0.58	0.58	UJ
Acifluorfen	ug/kg													7.6	7.6	U
Aldicarb	ug/kg													0.58	0.58	UJ
Aldicarb Sulfone	ug/kg													0.58	0.58	UJ
Aldicarb Sulfoxide	ug/kg													0.58	0.58	UJ
Carbaryl	ug/kg													0.58	0.58	UJ
Carbofuran	ug/kg													0.58	0.58	UJ
Diuron	ug/kg													7	7	U
Imidacloprid	ug/kg													7	7	U
Linuron	ug/kg													7	7	U
Methiocarb	ug/kg													0.58	0.58	UJ
Methomyl	ug/kg													0.58	0.58	UJ
Oxamyl	ug/kg													0.58	0.58	UJ
Propoxur	ug/kg													0.58	0.58	UJ

Table 2: Location 2 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	2-A	MDL	Remark	2-A Deep	MDL	Remark	2-B	MDL	Remark	2-C	MDL	Remark	2-D	MDL	Remark
Silvex	ug/kg													7.6	7.6	U
Alachlor	ug/kg	11	11	U	11	11	U	12	12	U	14	14	U	12	12	U
Aldrin	ug/Kg	0.37	0.37	U	0.37	0.37	U	0.39	0.39	U	0.46	0.46	U	0.39	0.39	U
Alpha-BHC	ug/Kg	0.37	0.37	U	0.37	0.37	U	0.39	0.39	U	0.46	0.46	U	0.39	0.39	U
Ametryn	ug/kg	1.8	1.8	U	1.9	1.9	U	2	2	U	2.3	2.3	U	2	2	U
Atrazine	ug/kg	1.8	1.8	U	1.9	1.9	U	2	2	U	2.3	2.3	U	2	2	U
Azinphos Methyl	ug/kg	5.5	5.5	U	5.6	5.6	U	5.9	5.9	U	6.9	6.9	U	5.9	5.9	U
Beta-BHC	ug/Kg	0.37	0.37	U	0.37	0.37	U	0.39	0.39	U	0.46	0.46	U	0.39	0.39	U
Bromacil	ug/kg	7.3	7.3	U	7.4	7.4	U	7.8	7.8	U	9.3	9.3	U	7.8	7.8	U
Chlordane	ug/Kg	5.5	5.5	U	5.6	5.6	U	5.9	5.9	U	6.9	6.9	U	5.9	5.9	U
Chlorpyrifos Ethyl	ug/kg	1.8	1.8	U	1.9	1.9	U	2	2	U	2.3	2.3	U	2	2	U
Chlorpyrifos Methyl	ug/kg	3.7	3.7	U	3.7	3.7	U	3.9	3.9	U	4.6	4.6	U	3.9	3.9	U
DDD-p,p'	ug/Kg	0.73	0.73	U	0.74	0.74	U	0.78	0.78	U	0.93	0.93	U	0.78	0.78	U
DDE-p,p'	ug/Kg	0.73	0.73	U	0.74	0.74	U	0.78	0.78	U	0.93	0.93	U	0.78	0.78	U
DDT-p,p'	ug/Kg	1.1	1.1	U	1.1	1.1	U	1.2	1.2	U	1.4	1.4	U	1.2	1.2	U
Delta-BHC	ug/Kg	0.73	0.73	U	0.74	0.74	U	0.78	0.78	U	0.93	0.93	U	0.78	0.78	U
Diazinon	ug/kg	1.8	1.8	U	1.9	1.9	U	2	2	U	2.3	2.3	U	2	2	U
Dieldrin	ug/Kg	0.37	0.37	U	0.37	0.37	U	0.39	0.39	U	0.46	0.46	U	0.39	0.39	U
Endosulfan I	ug/Kg	0.37	0.37	U	0.37	0.37	U	0.39	0.39	U	0.46	0.46	U	0.39	0.39	U
Endosulfan II	ug/Kg	0.37	0.37	U	0.37	0.37	U	0.39	0.39	U	0.46	0.46	U	0.39	0.39	U
Endosulfan Sulfate	ug/Kg	0.73	0.73	U	0.74	0.74	U	0.78	0.78	U	0.93	0.93	U	0.78	0.78	U
Endrin	ug/Kg	1.8	1.8	U	1.9	1.9	U	2	2	U	2.3	2.3	U	2	2	U
Endrin Aldehyde	ug/Kg	0.73	0.73	U	0.74	0.74	U	0.78	0.78	U	0.93	0.93	U	0.78	0.78	U
Ethion	ug/kg	1.8	1.8	U	1.9	1.9	U	2	2	U	2.3	2.3	U	2	2	U
Ethoprop	ug/kg	1.8	1.8	U	1.9	1.9	U	2	2	U	2.3	2.3	U	2	2	U
Fenamiphos	ug/kg	7.3	7.3	U	7.4	7.4	U	7.8	7.8	U	9.3	9.3	U	7.8	7.8	U
Fonofos	ug/kg	1.8	1.8	U	1.9	1.9	U	2	2	U	2.3	2.3	U	2	2	U
Gamma-BHC	ug/Kg	0.37	0.37	U	0.37	0.37	U	0.39	0.39	U	0.46	0.46	U	0.39	0.39	U
Heptachlor	ug/Kg	0.37	0.37	U	0.37	0.37	U	0.39	0.39	U	0.46	0.46	U	0.39	0.39	U

Table 2: Location 2 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	2-A	MDL	Remark	2-A Deep	MDL	Remark	2-B	MDL	Remark	2-C	MDL	Remark	2-D	MDL	Remark
Heptachlor Epoxide	ug/kg	0.37	0.37	U	0.37	0.37	U	0.39	0.39	U	0.46	0.46	U	0.39	0.39	U
Hexazinone	ug/kg	3.7	3.7	U	3.7	3.7	U	3.9	3.9	U	4.6	4.6	U	3.9	3.9	U
Malathion	ug/kg	3.7	3.7	U	3.7	3.7	U	3.9	3.9	U	4.6	4.6	U	3.9	3.9	U
Methamidophos	ug/kg	18	18	U	19	19	U	20	20	U	23	23	U	20	20	U
Methoxychlor	ug/kg	1.8	1.8	U	1.9	1.9	U	2	2	U	2.3	2.3	U	2	2	U
Metolachlor	ug/kg	11	11	U	11	11	U	12	12	U	14	14	U	12	12	U
Metribuzin	ug/kg	3.7	3.7	U	3.7	3.7	U	3.9	3.9	U	4.6	4.6	U	3.9	3.9	U
Mevinphos	ug/kg	7.3	7.3	U	7.4	7.4	U	7.8	7.8	U	9.3	9.3	U	7.8	7.8	U
Monocrotophos	ug/kg	18	18	UJ	19	19	UJ	20	20	UJ	23	23	UJ	20	20	U
Naled	ug/kg	15	15	UJ	15	15	UJ	16	16	UJ	19	19	UJ	16	16	U
Norflurazon	ug/kg	3.7	3.7	U	3.7	3.7	U	3.9	3.9	U	4.6	4.6	U	3.9	3.9	U
Parathion Ethyl	ug/kg	3.7	3.7	U	3.7	3.7	U	3.9	3.9	U	4.6	4.6	U	3.9	3.9	U
Parathion Methyl	ug/kg	3.7	3.7	U	3.7	3.7	U	3.9	3.9	U	4.6	4.6	U	3.9	3.9	U
PCB-1016	ug/Kg	11	11	U	11	11	U	12	12	U	14	14	U	12	12	U
PCB-1221	ug/Kg	7.3	7.3	U	7.4	7.4	U	7.8	7.8	U	9.3	9.3	U	7.8	7.8	U
PCB-1232	ug/Kg	16	16	U	17	17	U	18	18	U	21	21	U	18	18	U
PCB-1242	ug/Kg	11	11	U	11	11	U	12	12	U	14	14	U	12	12	U
PCB-1248	ug/Kg	7.3	7.3	U	7.4	7.4	U	7.8	7.8	U	9.3	9.3	U	7.8	7.8	U
PCB-1254	ug/Kg	7.3	7.3	U	7.4	7.4	U	7.8	7.8	U	9.3	9.3	U	7.8	7.8	U
PCB-1260	ug/Kg	11	11	U	11	11	U	12	12	U	14	14	U	12	12	U
Phorate	ug/kg	1.8	1.8	U	1.9	1.9	U	2	2	U	2.3	2.3	U	2	2	U
Prometryn	ug/kg	3.7	3.7	U	3.7	3.7	U	3.9	3.9	U	4.6	4.6	U	3.9	3.9	U
Simazine	ug/kg	1.8	1.8	U	1.9	1.9	U	2	2	U	2.3	2.3	U	2	2	U
Toxaphene	ug/Kg	27	27	U	28	28	U	29	29	U	35	35	U	29	29	U
Diquat	mg/Kg													0.047	0.047	U
Paraquat	mg/Kg													0.058	0.058	UJ
Metals	Units	2-A	MDL	Remark	2-A Deep	MDL	Remark	2-B	MDL	Remark	2-C	MDL	Remark	2-D	MDL	Remark
Mercury	mg/Kg	0.0092	0.0036	I	0.01	0.0047	I	0.014	0.0038	I	0.032	0.0052		0.01	0.0046	I
Antimony	mg/Kg	0.14	0.14	U	0.14	0.14	U	0.15	0.15	U	0.17	0.17	U	0.15	0.15	U

Table 2: Location 2 Soil Sample Chemical Results

Metals	Units	2-A	MDL	Remark	2-A Deep	MDL	Remark	2-B	MDL	Remark	2-C	MDL	Remark	2-D	MDL	Remark
Arsenic	mg/Kg	0.27	0.055		0.53	0.055		0.29	0.059		0.41	0.069		0.097	0.059	I
Barium	mg/Kg	6.3	0.055		9.65	0.055		5.49	0.059		7.35	0.069		3.32	0.059	
Beryllium	mg/Kg	0.078	0.022	I	0.16	0.022		0.083	0.023	I	0.087	0.028	I	0.043	0.023	I
Cadmium	mg/Kg	0.027	0.027	U	0.028	0.028	U	0.034	0.029	I	0.035	0.035	U	0.029	0.029	U
Chromium	mg/Kg	3.51	0.14		5.71	0.14		3.73	0.15		4.23	0.17		2.42	0.15	
Cobalt	mg/Kg	0.329	0.011		0.535	0.011		0.284	0.012		0.292	0.014		0.198	0.012	
Copper	mg/Kg	4.06	0.14		1.39	0.14		5.06	0.15		4.34	0.17		2.17	0.15	
Lead	mg/Kg	2.25	0.21		2.76	0.21		2.45	0.22		2.1	0.26		1.33	0.22	
Nickel	mg/Kg	1.13	0.14		1.75	0.14		1.14	0.15		1.2	0.17		0.72	0.15	
Selenium	mg/Kg	0.16	0.082	I	0.22	0.083	I	0.17	0.088	I	0.22	0.1	I	0.12	0.088	I
Silver	mg/Kg	0.0068	0.0068	U	0.0069	0.0069	U	0.022	0.0073	I	0.586	0.0087		0.0073	0.0073	U
Thallium	mg/Kg	0.027	0.027	U	0.033	0.028	I	0.029	0.029	U	0.035	0.035	U	0.029	0.029	I
Zinc	mg/Kg	5.7	1.1		1.6	1.1	I	15.7	1.2		7.9	1.4		5.8	1.2	
Dioxins/Furans	Units	2-A	MDL	Remark	2-A Deep	MDL	Remark	2-B	MDL	Remark	2-C	MDL	Remark	2-D	MDL	Remark
1,2,3,4,6,7,8-HpCDD	ng/Kg													0.611	2.5	I/V
1,2,3,4,6,7,8-HpCDF	ng/Kg													0.147	2.5	I
1,2,3,4,7,8,9-HpCDF	ng/Kg													0.0566	2.5	U
1,2,3,4,7,8-HxCDD	ng/Kg													0.0612	2.5	U
1,2,3,4,7,8-HxCDF	ng/Kg													0.0929	2.5	I
1,2,3,6,7,8-HxCDD	ng/Kg													0.0543	2.5	U
1,2,3,6,7,8-HxCDF	ng/Kg													0.0325	2.5	U
1,2,3,7,8,9-HxCDD	ng/Kg													0.059	2.5	U
1,2,3,7,8,9-HxCDF	ng/Kg													0.0423	2.5	U
1,2,3,7,8-PeCDD	ng/Kg													0.0469	2.5	U
1,2,3,7,8-PeCDF	ng/Kg													0.0557	2.5	U
2,3,4,6,7,8-HxCDF	ng/Kg													0.0363	2.5	U
2,3,4,7,8-PeCDF	ng/Kg													0.0551	2.5	U
2,3,7,8-TCDD	ng/Kg													0.0406	1	U
2,3,7,8-TCDF	ng/Kg													0.0343	1	U

Table 2: Location 2 Soil Sample Chemical Results

Dioxins/Furans	Units	2-A	MDL	Remark	2-A Deep	MDL	Remark	2-B	MDL	Remark	2-C	MDL	Remark	2-D	MDL	Remark
OCDD	ng/Kg													4.29	5.01	IV
OCDF	ng/Kg													0.235	5.01	IV
Total Hepta-Dioxins	ng/Kg													0.874	2.5	I
Total Hepta-Furans	ng/Kg													0.147	2.5	I
Total Hexa-Dioxins	ng/Kg													0.0543	2.5	U
Total Hexa-Furans	ng/Kg													0.0929	2.5	I
Total Penta-Dioxins	ng/Kg													0.0469	2.5	U
Total Penta-Furans	ng/Kg													3.26	2.5	
Total Tetra-Dioxins	ng/Kg													0.281	1	I
Total Tetra-Furans	ng/Kg													2.06	1	
Calculated Total Toxicity Equivalents (TEQ)	Units	2-A			2-A Deep			2-B			2-C			2-D		
Dioxins as total 2,3,7,8-TCDD	ng/Kg													0.0926		
Total Benzo(a)pyrene	mg/Kg							0.02								

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

Table 3: Location 2 Soil Sample Radionuclide Results

Radionuclides	Units	2-A	Remark	2-A Deep	Remark	2-B	Remark	2-C	Remark	2-D	Remark
Actinium-228	pCi/g	0.221		0.223		0.229	U	0.164	UJ	0.135	
Actinium-228 Uncertainty	pCi/g	0.158		0.156		0.125		0.117		0.116	
Alpha Uncertainty	pCi/g	2.62		3.17		2.99		2.59		2.37	
Alpha, Total	pCi/g	4.43		6.35		5.61		4.05		3.36	
Americium-241	pCi/g	0.0366	U	0.164	U	0.314	U	0.154	U	0.107	U
Americium-241 Uncertainty	pCi/g	0.0195		0.0877		0.181		0.0819		0.0631	
Antimony-124	pCi/g	0.126	U	0.18	U	0.296	U	0.12	U	0.11	U
Antimony-124 Uncertainty	pCi/g	0.0961		0.107		0.165		0.0696		0.0818	
Antimony-125	pCi/g	0.0785	U	0.101	U	0.118	U	0.0675	U	0.0847	U
Antimony-125 Uncertainty	pCi/g	0.047		0.058		0.0669		0.0424		0.0453	
Barium-133	pCi/g	0.0338	U	0.0456	U	0.0554	U	0.0281	U	0.0399	U
Barium-133 Uncertainty	pCi/g	0.0219		0.0307		0.0365		0.0209		0.0238	
Barium-140	pCi/g	6.87	U	7.18	U	8.81	U	5.38	U	6.13	U
Barium-140 Uncertainty	pCi/g	3.88		3.99		5.05		3.18		3.41	
Beryllium-7	pCi/g	0.614	U	0.606	U	0.851	U	0.578	U	0.665	U
Beryllium-7 Uncertainty	pCi/g	0.405		0.367		0.526		0.338		0.361	
Beta Uncertainty	pCi/g	2.36		3.18		3.39		3.36		3.14	
Beta, Total	pCi/g	4.88		5.14		5.47	U	13.9		5.53	U
Bismuth-212	pCi/g	0.52	U	0.585	U	0.663	U	0.436	U	0.545	U
Bismuth-212 Uncertainty	pCi/g	0.279		0.318		0.391		0.227		0.402	
Bismuth-214	pCi/g	0.294		0.468		0.25		0.228		0.117	UJ
Bismuth-214 Uncertainty	pCi/g	0.11		0.12		0.108		0.0662		0.0723	
Cerium-139	pCi/g	0.0308	U	0.0444	U	0.0526	U	0.0324	U	0.0341	U
Cerium-139 Uncertainty	pCi/g	0.0175		0.0251		0.0307		0.0168		0.0187	
Cerium-141	pCi/g	0.182	U	0.238	U	0.31	U	0.165	U	0.178	U
Cerium-141 Uncertainty	pCi/g	0.0991		0.141		0.186		0.102		0.112	
Cerium-144	pCi/g	0.176	U	0.222	U	0.281	U	0.173	U	0.192	U
Cerium-144 Uncertainty	pCi/g	0.0922		0.13		0.173		0.103		0.105	
Cesium-134	pCi/g	0.0435	U	0.0546	U	0.048	U	0.0327	U	0.0452	U

Table 3: Location 2 Soil Sample Radionuclide Results

Radionuclides	Units	2-A	Remark	2-A Deep	Remark	2-B	Remark	2-C	Remark	2-D	Remark
Cesium-134 Uncertainty	pCi/g	0.0224		0.0281		0.0259		0.0184		0.0248	
Cesium-136	pCi/g	2.25	U	2.7	U	2.95	U	1.68	U	1.74	U
Cesium-136 Uncertainty	pCi/g	1.4		1.5		1.62		1.04		1.13	
Cesium-137	pCi/g	0.0408		0.0441	U	0.0506	U	0.032	U	0.0373	U
Cesium-137 Uncertainty	pCi/g	0.0366		0.0239		0.027		0.0162		0.0205	
Chromium-51	pCi/g	1.31	U	1.86	U	2.42	U	1.27	U	1.42	U
Chromium-51 Uncertainty	pCi/g	0.77		1.03		1.3		0.742		0.938	
Cobalt-56	pCi/g	0.0615	U	0.066	U	0.077	U	0.0545	U	0.0537	U
Cobalt-56 Uncertainty	pCi/g	0.0378		0.043		0.0457		0.0306		0.0298	
Cobalt-57	pCi/g	0.0207	U	0.0319	U	0.036	U	0.0237	U	0.0237	U
Cobalt-57 Uncertainty	pCi/g	0.0107		0.0168		0.0206		0.0132		0.013	
Cobalt-58	pCi/g	0.0617	U	0.073	U	0.0685	U	0.0484	U	0.0559	U
Cobalt-58 Uncertainty	pCi/g	0.0417		0.0425		0.0438		0.0308		0.0334	
Cobalt-60	pCi/g	0.036	U	0.0423	U	0.0391	U	0.0297	U	0.0413	U
Cobalt-60 Uncertainty	pCi/g	0.023		0.0238		0.0234		0.0184		0.0224	
Europium-152	pCi/g	0.0909	U	0.116	U	0.119	U	0.0774	U	0.0825	U
Europium-152 Uncertainty	pCi/g	0.0474		0.0702		0.0819		0.0484		0.049	
Europium-154	pCi/g	0.0941	U	0.0985	U	0.12	U	0.0734	U	0.0956	U
Europium-154 Uncertainty	pCi/g	0.053		0.0567		0.0659		0.0451		0.0631	
Europium-155	pCi/g	0.0678	U	0.0974	U	0.136	U	0.084	U	0.0842	U
Europium-155 Uncertainty	pCi/g	0.0357		0.0517		0.0746		0.0482		0.0446	
Iridium-192	pCi/g	0.0554	U	0.0674	U	0.0746	U	0.0505	U	0.0557	U
Iridium-192 Uncertainty	pCi/g	0.0306		0.0389		0.0465		0.0279		0.0328	
Iron-59	pCi/g	0.188	U	0.182	U	0.254	U	0.159	U	0.14	U
Iron-59 Uncertainty	pCi/g	0.103		0.11		0.15		0.0869		0.0927	
Lead-210	pCi/g	0.336		5.02	U	12.9	U	5.45	U	3.01	U
Lead-210 Uncertainty	pCi/g	0.297		2.74		7.51		2.72		1.81	
Lead-212	pCi/g	0.171		0.347		0.129	UJ	0.107		0.103	
Lead-212 Uncertainty	pCi/g	0.0452		0.0642		0.0954		0.045		0.0546	

Table 3: Location 2 Soil Sample Radionuclide Results

Radionuclides	Units	2-A	Remark	2-A Deep	Remark	2-B	Remark	2-C	Remark	2-D	Remark
Lead-214	pCi/g	0.307		0.496		0.175	UJ	0.103	UJ	0.227	
Lead-214 Uncertainty	pCi/g	0.0836		0.106		0.115		0.0627		0.0718	
Manganese-54	pCi/g	0.041	U	0.0387	U	0.0378	U	0.0309	U	0.0251	U
Manganese-54 Uncertainty	pCi/g	0.0225		0.025		0.0287		0.0174		0.0167	
Mercury-203	pCi/g	0.0804	U	0.108	U	0.135	U	0.0749	U	0.0754	U
Mercury-203 Uncertainty	pCi/g	0.0488		0.0602		0.0725		0.0426		0.0439	
Neodymium-147	pCi/g	22.4	U	25.4	U	28.6	U	19.1	U	17.8	U
Neodymium-147 Uncertainty	pCi/g	13.3		13.9		17.2		11.5		11	
Neptunium-239	pCi/g	0.256	U	0.384	U	0.475	U	0.289	U	0.284	U
Neptunium-239 Uncertainty	pCi/g	0.139		0.218		0.267		0.167		0.165	
Niobium-94	pCi/g	0.0295	U	0.0406	U	0.0471	U	0.0261	U	0.0303	U
Niobium-94 Uncertainty	pCi/g	0.0179		0.0215		0.0262		0.016		0.0177	
Niobium-95	pCi/g	0.084	U	0.0891	U	0.0926	U	0.0561	U	0.0643	U
Niobium-95 Uncertainty	pCi/g	0.0474		0.0534		0.0523		0.0314		0.0415	
Potassium-40	pCi/g	0.793		0.594	U	0.356	UJ	0.716		0.426	
Potassium-40 Uncertainty	pCi/g	0.315		0.306		0.426		0.245		0.407	
Promethium-144	pCi/g	0.0365	U	0.0408	U	0.052	U	0.032	U	0.0356	U
Promethium-144 Uncertainty	pCi/g	0.0204		0.0242		0.0306		0.0183		0.0209	
Promethium-146	pCi/g	0.0396	U	0.0458	U	0.0579	U	0.0333	U	0.0391	U
Promethium-146 Uncertainty	pCi/g	0.0216		0.0255		0.0321		0.0186		0.0202	
Radium-228	pCi/g	0.221		0.223		0.229	U	0.164	UJ	0.135	
Radium-228 Uncertainty	pCi/g	0.158		0.156		0.125		0.117		0.116	
Ruthenium-106	pCi/g	0.35	U	0.309	U	0.415	U	0.263	U	0.32	U
Ruthenium-106 Uncertainty	pCi/g	0.19		0.18		0.242		0.159		0.192	
Silver-110m	pCi/g	0.0551	U	0.0522	U	0.0654	U	0.0403	U	0.036	U
Silver-110m Uncertainty	pCi/g	0.0302		0.0312		0.0363		0.0228		0.0219	
Sodium-22	pCi/g	0.034	U	0.0361	U	0.0441	U	0.027	U	0.0349	U
Sodium-22 Uncertainty	pCi/g	0.0205		0.0212		0.0235		0.0165		0.0226	
Thallium-208	pCi/g	0.0796		0.0953		0.0511		0.0591		0.0614	

Table 3: Location 2 Soil Sample Radionuclide Results

Radionuclides	Units	2-A	Remark	2-A Deep	Remark	2-B	Remark	2-C	Remark	2-D	Remark
Thallium-208 Uncertainty	pCi/g	0.039		0.0334		0.0478		0.0265		0.0337	
Thorium-234	pCi/g	0.53	U	1.44	U	2.56	U	1.46	U	1.08	U
Thorium-234 Uncertainty	pCi/g	0.273		0.762		1.45		0.772		0.609	
Tin-113	pCi/g	0.0624	U	0.0787	U	0.0823	U	0.0487	U	0.055	U
Tin-113 Uncertainty	pCi/g	0.0346		0.0434		0.0486		0.0275		0.0306	
Uranium-235	pCi/g	0.16	U	0.205	U	0.272	U	0.151	U	0.172	U
Uranium-235 Uncertainty	pCi/g	0.0919		0.119		0.161		0.0948		0.0958	
Uranium-238	pCi/g	0.53	U	1.44	U	2.56	U	1.46	U	1.08	U
Uranium-238 Uncertainty	pCi/g	0.273		0.762		1.45		0.772		0.609	
Yttrium-88	pCi/g	0.0591	U	0.0507	U	0.082	U	0.039	U	0.0709	U
Yttrium-88 Uncertainty	pCi/g	0.0362		0.0365		0.0442		0.0239		0.0349	
Zinc-65	pCi/g	0.0776	U	0.0792	U	0.0958	U	0.0653	U	0.0732	U
Zinc-65 Uncertainty	pCi/g	0.0446		0.0497		0.0659		0.0458		0.0387	
Zirconium-95	pCi/g	0.134	U	0.128	U	0.14	U	0.0918	U	0.105	U
Zirconium-95 Uncertainty	pCi/g	0.0739		0.0766		0.0772		0.0553		0.0656	

Location 3

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

Analyte	Residential SCTL	3-A	3-B	3-B Deep	3-C	3-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 3 Soil Sample Chemical Results

Volatile Organic Compounds	Units	3-A	MDL	Remark	3-B	MDL	Remark	3-B Deep	MDL	Remark	3-C	MDL	Remark	3-D	MDL	Remark
1,1,1-Trichloroethane	ug/kg	5.3	5.3	U	6.5	6.5	U	4.8	4.8	U	4.6	4.6	U	5	5	U
1,1,2,2-Tetrachloroethane	ug/kg	13	13	UJ	16	16	UJ	12	12	UJ	11	11	UJ	12	12	UJ
1,1,2-Trichloroethane	ug/kg	5.3	5.3	U	6.5	6.5	U	4.8	4.8	U	4.6	4.6	U	5	5	U
1,1-Dichloroethane	ug/kg	5.3	5.3	U	6.5	6.5	U	4.8	4.8	U	4.6	4.6	U	5	5	U
1,1-Dichloroethene	ug/kg	13	13	U	16	16	U	12	12	U	11	11	U	12	12	U
1,2-Dichlorobenzene	ug/kg	13	13	U	16	16	U	12	12	U	11	11	U	12	12	U
1,2-Dichloroethane	ug/kg	5.3	5.3	U	6.5	6.5	U	4.8	4.8	U	4.6	4.6	U	5	5	U
1,2-Dichloropropane	ug/kg	13	13	U	16	16	U	12	12	U	11	11	U	12	12	U
1,3-Dichlorobenzene	ug/kg	13	13	U	16	16	U	12	12	U	11	11	U	12	12	U
1,4-Dichlorobenzene	ug/kg	13	13	U	16	16	U	12	12	U	11	11	U	12	12	U
2-Butanone	ug/kg	130	130	UJ	160	160	UJ	120	120	UJ	110	110	U	120	120	UJ
2-Chloroethylvinyl ether	ug/kg	13	13	U	16	16	U	12	12	U	11	11	U	12	12	U
Benzene	ug/kg	5.3	5.3	U	6.5	6.5	U	4.8	4.8	U	4.6	4.6	U	5	5	U
Bromodichloromethane	ug/kg	5.3	5.3	U	6.5	6.5	U	4.8	4.8	U	4.6	4.6	U	5	5	U
Bromoform	ug/kg	13	13	UJ	16	16	UJ	12	12	UJ	11	11	U	12	12	UJ
Bromomethane	ug/kg	13	13	U	16	16	U	12	12	U	11	11	U	12	12	U
Carbon tetrachloride	ug/kg	5.3	5.3	U	6.5	6.5	U	4.8	4.8	U	4.6	4.6	U	5	5	U
Chlorobenzene	ug/kg	5.3	5.3	U	6.5	6.5	U	4.8	4.8	U	4.6	4.6	U	5	5	U
Chloroethane	ug/kg	13	13	U	16	16	U	12	12	U	11	11	U	12	12	U
Chloroform	ug/kg	5.3	5.3	U	6.5	6.5	U	4.8	4.8	U	4.6	4.6	U	5	5	U
Chloromethane	ug/kg	13	13	U	16	16	U	12	12	U	11	11	U	12	12	U
cis-1,2-Dichloroethene	ug/kg	13	13	U	16	16	U	12	12	U	11	11	U	12	12	U
cis-1,3-Dichloropropene	ug/kg	13	13	U	16	16	U	12	12	U	11	11	UJ	12	12	U
Dibromochloromethane	ug/kg	5.3	5.3	U	6.5	6.5	U	4.8	4.8	U	4.6	4.6	U	5	5	U
Ethylbenzene	ug/kg	13	13	U	16	16	U	12	12	U	11	11	U	12	12	U
m,p-Xylene	ug/kg	13	13	U	16	16	U	12	12	U	11	11	U	12	12	U
Methylene chloride	ug/kg	13	13	U	16	16	U	12	12	U	11	11	U	12	12	U
Methyl-t-butyl ether	ug/kg	13	13	U	16	16	U	12	12	U	11	11	U	12	12	U
o-Xylene	ug/kg	5.3	5.3	U	6.5	6.5	U	4.8	4.8	U	4.6	4.6	U	5	5	U

Table 2: Location 3 Soil Sample Chemical Results

Volatile Organic Compounds	Units	3-A	MDL	Remark	3-B	MDL	Remark	3-B Deep	MDL	Remark	3-C	MDL	Remark	3-D	MDL	Remark
Tetrachloroethene	ug/kg	13	13	U	16	16	U	12	12	U	11	11	U	12	12	U
Toluene	ug/kg	13	13	U	16	16	U	12	12	U	11	11	U	12	12	U
trans-1,2-Dichloroethene	ug/kg	13	13	U	16	16	U	12	12	U	11	11	U	12	12	U
trans-1,3-Dichloropropene	ug/kg	5.3	5.3	U	6.5	6.5	U	4.8	4.8	U	4.6	4.6	U	5	5	U
Trichloroethene	ug/kg	5.3	5.3	UJ	6.5	6.5	UJ	4.8	4.8	UJ	4.6	4.6	U	5	5	UJ
Trichlorofluoromethane	ug/kg	13	13	U	16	16	U	12	12	U	11	11	U	12	12	U
Vinyl chloride	ug/kg	13	13	U	16	16	U	12	12	U	11	11	U	12	12	U
Semi-Volatile Organic Compounds	Units	3-A	MDL	Remark	3-B	MDL	Remark	3-B Deep	MDL	Remark	3-C	MDL	Remark	3-D	MDL	Remark
1,2,4-Trichlorobenzene	ug/kg	210	210	U	210	210	U	200	200	U	200	200	U	200	200	U
1-Methylnaphthalene	ug/kg	7.9	7.9	U	7.8	7.8	U	7.3	7.3	U	7.4	7.4	UQJ	7.3	7.3	U
1-Methylphenanthrene	ug/kg	7.9	7.9	U	7.8	7.8	U	7.3	7.3	U	7.4	7.4	U	7.3	7.3	U
2,3,5-Trimethylnaphthalene	ug/kg	7.9	7.9	U	7.8	7.8	U	7.3	7.3	U	7.4	7.4	U	7.3	7.3	U
2,4,6-Trichlorophenol	ug/kg	71	71	U	70	70	U	66	66	U	66	66	U	66	66	U
2,4-Dichlorophenol	ug/kg	71	71	U	70	70	U	66	66	U	66	66	U	66	66	U
2,4-Dimethylphenol	ug/kg	430	430	U	420	420	U	400	400	U	400	400	U	390	390	U
2,4-Dinitrophenol	ug/kg	430	430	U	420	420	U	400	400	U	400	400	U	390	390	U
2,4-Dinitrotoluene	ug/kg	71	71	U	70	70	U	66	66	U	66	66	U	66	66	U
2,6-Dimethylnaphthalene	ug/kg	7.9	7.9	U	7.8	7.8	U	7.3	7.3	U	7.4	7.4	UQ	7.3	7.3	U
2,6-Dinitrotoluene	ug/kg	71	71	U	70	70	U	66	66	U	66	66	U	66	66	U
2-Chloronaphthalene	ug/kg	71	71	U	70	70	U	66	66	U	66	66	U	66	66	U
2-Chlorophenol	ug/kg	210	210	U	210	210	U	200	200	U	200	200	U	200	200	U
2-Methyl-4,6-dinitrophenol	ug/kg	71	71	U	70	70	U	66	66	U	66	66	UJ	66	66	U
2-Methylnaphthalene	ug/Kg	7.9	7.9	U	7.8	7.8	U	7.3	7.3	U	7.4	7.4	UQJ	7.3	7.3	U
2-Nitrophenol	ug/kg	71	71	U	70	70	U	66	66	U	66	66	U	66	66	U
3,3'-Dichlorobenzidine	ug/kg	4300	4300	UJ	4200	4200	UJ	4000	4000	UJ	4000	4000	U	3900	3900	UJ
4-Bromophenyl phenyl ether	ug/kg	71	71	U	70	70	U	66	66	U	66	66	U	66	66	U
4-Chloro-3-methylphenol	ug/kg	71	71	U	70	70	U	66	66	U	66	66	U	66	66	U
4-Chlorophenyl phenyl ether	ug/kg	71	71	U	70	70	U	66	66	U	66	66	U	66	66	U
4-Nitrophenol	ug/kg	71	71	U	70	70	U	66	66	U	66	66	U	66	66	U

Table 2: Location 3 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	3-A	MDL	Remark	3-B	MDL	Remark	3-B Deep	MDL	Remark	3-C	MDL	Remark	3-D	MDL	Remark
Acenaphthene	ug/kg	7.9	7.9	U	7.8	7.8	U	7.3	7.3	U	7.4	7.4	U	7.3	7.3	U
Acenaphthylene	ug/kg	7.9	7.9	U	7.8	7.8	U	7.3	7.3	U	7.4	7.4	U	7.3	7.3	U
Anthracene	ug/kg	7.9	7.9	U	7.8	7.8	U	7.3	7.3	U	7.4	7.4	U	7.3	7.3	U
Azobenzene/1,2-Diphenylhydrazine	ug/kg	71	71	U	70	70	U	66	66	U	66	66	U	66	66	U
Benzidine	ug/kg	1500	1500	U	1500	1500	U	1300	1300	U	1300	1300	U	1300	1300	U
Benzo(a)anthracene	ug/kg	7.9	7.9	U	7.8	7.8	U	7.3	7.3	U	7.4	7.4	U	7.3	7.3	U
Benzo(a)pyrene	ug/kg	7.9	7.9	U	7.8	7.8	U	7.3	7.3	U	7.4	7.4	U	7.3	7.3	U
Benzo(b)fluoranthene	ug/kg	7.9	7.9	U	7.8	7.8	U	7.3	7.3	U	7.4	7.4	U	7.3	7.3	U
Benzo(g,h,i)perylene	ug/kg	7.9	7.9	U	7.8	7.8	U	7.3	7.3	U	7.4	7.4	U	7.3	7.3	U
Benzo(k)fluoranthene	ug/kg	7.9	7.9	U	7.8	7.8	U	7.3	7.3	U	7.4	7.4	U	7.3	7.3	U
Biphenyl	ug/kg	7.9	7.9	U	7.8	7.8	U	7.3	7.3	U	7.4	7.4	U	7.3	7.3	U
Bis(2-chloroethoxy)methane	ug/kg	71	71	U	70	70	U	66	66	U	66	66	U	66	66	U
Bis(2-chloroethyl)ether	ug/kg	71	71	U	70	70	U	66	66	U	66	66	U	66	66	U
Bis(2-chloroisopropyl)ether	ug/kg	71	71	U	70	70	U	66	66	U	66	66	U	66	66	U
Bis(2-ethylhexyl)phthalate	ug/kg	430	430	U	420	420	U	400	400	U	400	400	UQ	390	390	U
Butyl benzyl phthalate	ug/kg	71	71	U	70	70	U	66	66	U	66	66	U	66	66	U
Chrysene	ug/kg	7.9	7.9	U	7.8	7.8	U	7.3	7.3	U	7.4	7.4	U	7.3	7.3	U
Dibenzo(a,h)anthracene	ug/kg	7.9	7.9	U	7.8	7.8	U	7.3	7.3	U	7.4	7.4	U	7.3	7.3	U
Dibenzothiophene	ug/kg	7.9	7.9	U	7.8	7.8	U	7.3	7.3	U	7.4	7.4	U	7.3	7.3	U
Diethyl phthalate	ug/kg	71	71	U	70	70	U	66	66	U	66	66	U	66	66	U
Dimethyl phthalate	ug/kg	71	71	U	70	70	U	66	66	U	66	66	U	66	66	U
Di-n-butyl phthalate	ug/kg	430	430	U	420	420	U	400	400	U	400	400	UJ	390	390	U
Di-n-octyl phthalate	ug/kg	71	71	U	70	70	U	66	66	U	66	66	UJ	66	66	U
Fluoranthene	ug/kg	7.9	7.9	U	7.8	7.8	U	7.3	7.3	U	9.6	7.4	I	7.3	7.3	U
Fluorene	ug/kg	7.9	7.9	U	7.8	7.8	U	7.3	7.3	U	7.4	7.4	U	7.3	7.3	U
Hexachlorobenzene	ug/kg	71	71	U	70	70	U	66	66	U	66	66	U	66	66	U
Hexachlorobutadiene	ug/kg	210	210	U	210	210	U	200	200	U	200	200	U	200	200	U
Hexachlorocyclopentadiene	ug/kg	71	71	UJ	70	70	UJ	66	66	UJ	66	66	U	66	66	UJ
Hexachloroethane	ug/kg	210	210	U	210	210	U	200	200	U	200	200	U	200	200	U

Table 2: Location 3 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	3-A	MDL	Remark	3-B	MDL	Remark	3-B Deep	MDL	Remark	3-C	MDL	Remark	3-D	MDL	Remark
Indeno(1,2,3-cd)pyrene	ug/kg	7.9	7.9	U	7.8	7.8	U	7.3	7.3	U	7.4	7.4	U	7.3	7.3	U
Isophorone	ug/kg	71	71	U	70	70	U	66	66	U	66	66	U	66	66	U
Naphthalene	ug/kg	7.9	7.9	U	7.8	7.8	U	7.3	7.3	U	7.4	7.4	U	7.3	7.3	U
Nitrobenzene	ug/kg	71	71	U	70	70	U	66	66	U	66	66	U	66	66	U
N-Nitrosodimethylamine	ug/kg	430	430	U	420	420	U	400	400	U	400	400	U	390	390	U
N-Nitrosodi-n-propylamine	ug/kg	71	71	U	70	70	U	66	66	U	66	66	U	66	66	U
N-Nitrosodiphenylamine/ Diphenylamine	ug/kg	71	71	U	70	70	U	66	66	U	66	66	U	66	66	U
Pentachlorophenol	ug/kg	71	71	U	70	70	U	66	66	U	66	66	U	66	66	U
Phenanthrene	ug/kg	7.9	7.9	U	7.8	7.8	U	7.3	7.3	U	7.4	7.4	U	7.3	7.3	U
Phenol	ug/kg	71	71	U	70	70	U	66	66	U	66	66	U	66	66	U
Pyrene	ug/kg	7.9	7.9	U	7.8	7.8	U	7.3	7.3	U	11	7.4	I	7.3	7.3	U
TRPH	mg/kg	12	12	U	12	12	U	11	11	U	45	11		12	11	I
Pesticides/Herbicides/PCBs	Units	3-A	MDL	Remark	3-B	MDL	Remark	3-B Deep	MDL	Remark	3-C	MDL	Remark	3-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 3 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	3-A	MDL	Remark	3-B	MDL	Remark	3-B Deep	MDL	Remark	3-C	MDL	Remark	3-D	MDL	Remark
Silvex	ug/kg										7.2	7.2	U			
Alachlor	ug/kg	12	12	U	12	12	U	11	11	U	11	11	U	11	11	U
Aldrin	ug/Kg	0.39	0.39	U	0.39	0.39	U	0.37	0.37	U	0.37	0.37	U	0.36	0.36	U
Alpha-BHC	ug/Kg	0.39	0.39	U	0.39	0.39	U	0.37	0.37	U	0.37	0.37	U	0.36	0.36	U
Ametryn	ug/kg	2	2	U	2	2	U	1.8	1.8	U	1.8	1.8	U	1.8	1.8	U
Atrazine	ug/kg	2	2	U	2	2	U	1.8	1.8	U	1.8	1.8	U	1.8	1.8	U
Azinphos Methyl	ug/kg	5.9	5.9	U	5.9	5.9	U	5.5	5.5	U	5.5	5.5	U	5.5	5.5	U
Beta-BHC	ug/Kg	0.39	0.39	U	0.39	0.39	U	0.37	0.37	U	0.37	0.37	U	0.36	0.36	U
Bromacil	ug/kg	7.9	7.9	U	7.8	7.8	U	7.3	7.3	U	7.4	7.4	U	7.3	7.3	U
Chlordane	ug/Kg	5.9	5.9	U	5.9	5.9	U	5.5	5.5	U	5.5	5.5	U	5.5	5.5	U
Chlorpyrifos Ethyl	ug/kg	19	2		2	2	U	1.8	1.8	U	1.8	1.8	U	1.8	1.8	U
Chlorpyrifos Methyl	ug/kg	3.9	3.9	U	3.9	3.9	U	3.7	3.7	U	3.7	3.7	U	3.6	3.6	U
DDD-p,p'	ug/Kg	0.79	0.79	U	0.78	0.78	U	0.73	0.73	U	0.74	0.74	U	0.73	0.73	U
DDE-p,p'	ug/Kg	0.79	0.79	U	0.78	0.78	U	0.73	0.73	U	0.74	0.74	U	0.73	0.73	U
DDT-p,p'	ug/Kg	1.2	1.2	U	1.2	1.2	U	1.1	1.1	U	1.1	1.1	U	1.1	1.1	U
Delta-BHC	ug/Kg	0.79	0.79	U	0.78	0.78	U	0.73	0.73	U	0.74	0.74	U	0.73	0.73	U
Diazinon	ug/kg	2	2	U	2	2	U	1.8	1.8	U	1.8	1.8	U	1.8	1.8	U
Dieldrin	ug/Kg	0.39	0.39	U	0.39	0.39	U	0.37	0.37	U	0.37	0.37	U	0.36	0.36	U
Endosulfan I	ug/Kg	0.39	0.39	U	0.39	0.39	U	0.37	0.37	U	0.37	0.37	U	0.36	0.36	U
Endosulfan II	ug/Kg	0.39	0.39	U	0.39	0.39	U	0.37	0.37	U	0.37	0.37	U	0.36	0.36	U
Endosulfan Sulfate	ug/Kg	0.79	0.79	U	0.78	0.78	U	0.73	0.73	U	0.74	0.74	U	0.73	0.73	U
Endrin	ug/Kg	2	2	U	2	2	U	1.8	1.8	U	1.8	1.8	U	1.8	1.8	U
Endrin Aldehyde	ug/Kg	0.79	0.79	U	0.78	0.78	U	0.73	0.73	U	0.74	0.74	U	0.73	0.73	U
Ethion	ug/kg	2	2	U	2	2	U	1.8	1.8	U	1.8	1.8	U	1.8	1.8	U
Ethoprop	ug/kg	2	2	U	2	2	U	1.8	1.8	U	1.8	1.8	U	1.8	1.8	U
Fenamiphos	ug/kg	3.9	3.9	U	3.9	3.9	U	3.7	3.7	U	7.4	7.4	U	3.6	3.6	U
Fonofos	ug/kg	2	2	U	2	2	U	1.8	1.8	U	1.8	1.8	U	1.8	1.8	U
Gamma-BHC	ug/Kg	0.39	0.39	U	0.39	0.39	U	0.37	0.37	U	0.37	0.37	U	0.36	0.36	U
Heptachlor	ug/Kg	0.39	0.39	U	0.39	0.39	U	0.37	0.37	U	0.37	0.37	U	0.36	0.36	U

Table 2: Location 3 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	3-A	MDL	Remark	3-B	MDL	Remark	3-B Deep	MDL	Remark	3-C	MDL	Remark	3-D	MDL	Remark
Heptachlor Epoxide	ug/kg	0.39	0.39	U	0.39	0.39	U	0.37	0.37	U	0.37	0.37	U	0.36	0.36	U
Hexazinone	ug/kg	3.9	3.9	U	3.9	3.9	U	3.7	3.7	U	3.7	3.7	U	3.6	3.6	U
Malathion	ug/kg	3.9	3.9	U	3.9	3.9	U	3.7	3.7	U	3.7	3.7	U	3.6	3.6	U
Methamidophos	ug/kg	20	20	U	20	20	U	18	18	U	18	18	UJ	18	18	U
Methoxychlor	ug/kg	2	2	U	2	2	U	1.8	1.8	U	1.8	1.8	U	1.8	1.8	U
Metolachlor	ug/kg	12	12	U	12	12	U	11	11	U	11	11	U	11	11	U
Metribuzin	ug/kg	3.9	3.9	U	3.9	3.9	U	3.7	3.7	U	3.7	3.7	U	3.6	3.6	U
Mevinphos	ug/kg	7.9	7.9	U	7.8	7.8	U	7.3	7.3	U	7.4	7.4	U	7.3	7.3	U
Monocrotophos	ug/kg	20	20	U	20	20	U	18	18	U	18	18	UJ	18	18	U
Naled	ug/kg	16	16	UJ	16	16	UJ	15	15	UJ	15	15	U	15	15	UJ
Norflurazon	ug/kg	3.9	3.9	U	3.9	3.9	U	3.7	3.7	U	3.7	3.7	U	3.6	3.6	U
Parathion Ethyl	ug/kg	3.9	3.9	U	3.9	3.9	U	3.7	3.7	U	3.7	3.7	U	3.6	3.6	U
Parathion Methyl	ug/kg	3.9	3.9	U	3.9	3.9	U	3.7	3.7	U	3.7	3.7	U	3.6	3.6	U
PCB-1016	ug/Kg	12	12	U	12	12	U	11	11	U	11	11	U	11	11	U
PCB-1221	ug/Kg	7.9	7.9	U	7.8	7.8	U	7.3	7.3	U	7.4	7.4	U	7.3	7.3	U
PCB-1232	ug/Kg	18	18	U	18	18	U	16	16	U	17	17	U	16	16	U
PCB-1242	ug/Kg	12	12	U	12	12	U	11	11	U	11	11	U	11	11	U
PCB-1248	ug/Kg	7.9	7.9	U	7.8	7.8	U	7.3	7.3	U	7.4	7.4	U	7.3	7.3	U
PCB-1254	ug/Kg	7.9	7.9	U	7.8	7.8	U	7.3	7.3	U	7.4	7.4	U	7.3	7.3	U
PCB-1260	ug/Kg	12	12	U	12	12	U	11	11	U	11	11	U	11	11	U
Phorate	ug/kg	2	2	U	2	2	U	1.8	1.8	U	1.8	1.8	U	1.8	1.8	U
Prometryn	ug/kg	3.9	3.9	U	3.9	3.9	U	3.7	3.7	U	3.7	3.7	U	3.6	3.6	U
Simazine	ug/kg	2	2	U	2	2	U	1.8	1.8	U	1.8	1.8	U	1.8	1.8	U
Toxaphene	ug/Kg	30	30	U	29	29	U	27	27	U	28	28	U	27	27	U
Diquat	mg/Kg										0.043	0.043	U			
Paraquat	mg/Kg										0.054	0.054	U			
Metals	Units	3-A	MDL	Remark	3-B	MDL	Remark	3-B Deep	MDL	Remark	3-C	MDL	Remark	3-D	MDL	Remark
Mercury	mg/Kg	0.02	0.004		0.022	0.004		0.012	0.0031	I	0.022	0.0045		0.0098	0.0043	I
Antimony	mg/Kg	0.14	0.14	UJ	0.15	0.15	UJ	0.14	0.14	UJ	0.14	0.14	U	0.14	0.14	UJ

Table 2: Location 3 Soil Sample Chemical Results

Metals	Units	3-A	MDL	Remark	3-B	MDL	Remark	3-B Deep	MDL	Remark	3-C	MDL	Remark	3-D	MDL	Remark
Arsenic	mg/Kg	0.97	0.056		0.71	0.06		0.84	0.056		0.63	0.054		0.13	0.055	I
Barium	mg/Kg	9.62	0.056		6.6	0.06		8.09	0.056		4.02	0.054		1.15	0.055	
Beryllium	mg/Kg	0.198	0.022		0.093	0.024	I	0.151	0.022		0.022	0.022	U	0.022	0.022	U
Cadmium	mg/Kg	0.039	0.028	I	0.03	0.03	U	0.028	0.028	U	0.03	0.027	I	0.028	0.028	U
Chromium	mg/Kg	5.92	0.14		2.5	0.15		3.88	0.14		0.68	0.14		0.18	0.14	I
Cobalt	mg/Kg	0.651	0.011		0.296	0.012		0.471	0.011		0.105	0.011		0.015	0.011	I
Copper	mg/Kg	5.5	0.14		5.04	0.15		0.5	0.14	I	1.92	0.14		0.35	0.14	I
Lead	mg/Kg	3.69	0.21		2.95	0.23		2.33	0.21		3.22	0.2		1.37	0.21	
Nickel	mg/Kg	2.19	0.14		1.09	0.15		1.3	0.14		0.47	0.14	I	0.16	0.14	I
Selenium	mg/Kg	0.34	0.084		0.26	0.09	I	0.29	0.084	I	0.12	0.081	I	0.083	0.083	U
Silver	mg/Kg	0.0078	0.007	I	0.0075	0.0075	U	0.007	0.007	U	0.0068	0.0068	U	0.0069	0.0069	U
Thallium	mg/Kg	0.037	0.028	I	0.03	0.03	U	0.028	0.028	U	0.027	0.027	U	0.028	0.028	U
Zinc	mg/Kg	10.9	1.1		7.2	1.2		1.1	1.1	I	9.4	1.1		1.1	1.1	U
Dioxins/Furans	Units	3-A	MDL	Remark	3-B	MDL	Remark	3-B Deep	MDL	Remark	3-C	MDL	Remark	3-D	MDL	Remark
1,2,3,4,6,7,8-HpCDD	ng/Kg										3.33	2.61				
1,2,3,4,6,7,8-HpCDF	ng/Kg										0.996	2.61	I			
1,2,3,4,7,8,9-HpCDF	ng/Kg										0.0465	2.61	U			
1,2,3,4,7,8-HxCDD	ng/Kg										0.102	2.61	U			
1,2,3,4,7,8-HxCDF	ng/Kg										0.394	2.61	I			
1,2,3,6,7,8-HxCDD	ng/Kg										0.234	2.61	I			
1,2,3,6,7,8-HxCDF	ng/Kg										0.145	2.61	U			
1,2,3,7,8,9-HxCDD	ng/Kg										0.208	2.61	I			
1,2,3,7,8,9-HxCDF	ng/Kg										0.0272	2.61	U			
1,2,3,7,8-PeCDD	ng/Kg										0.0705	2.61	U			
1,2,3,7,8-PeCDF	ng/Kg										0.102	2.61	U			
2,3,4,6,7,8-HxCDF	ng/Kg										0.184	2.61	U			
2,3,4,7,8-PeCDF	ng/Kg										0.122	2.61	U			
2,3,7,8-TCDD	ng/Kg										0.0244	1.04	U			
2,3,7,8-TCDF	ng/Kg										0.0545	1.04	U			

Table 2: Location 3 Soil Sample Chemical Results

Dioxins/Furans	Units	3-A	MDL	Remark	3-B	MDL	Remark	3-B Deep	MDL	Remark	3-C	MDL	Remark	3-D	MDL	Remark
OCDD	ng/Kg										21.4	5.22	V			
OCDF	ng/Kg										1.39	5.22	I			
Total Hepta-Dioxins	ng/Kg										8.88	2.61				
Total Hepta-Furans	ng/Kg										1.56	2.61	I			
Total Hexa-Dioxins	ng/Kg										3.48	2.61				
Total Hexa-Furans	ng/Kg										0.75	2.61	I			
Total Penta-Dioxins	ng/Kg										1.2	2.61	I			
Total Penta-Furans	ng/Kg										1.7	2.61	I			
Total Tetra-Dioxins	ng/Kg										5.77	1.04				
Total Tetra-Furans	ng/Kg										12.7	1.04				
Calculated Total Toxicity Equivalents (TEQ)	Units	3-A			3-B			3-B Deep			3-C			3-D		
Dioxins as total 2,3,7,8-TCDD	ng/Kg										0.325					
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 3 Soil Sample Radionuclide Results

Radionuclides	Units	3-A	Remark	3-B	Remark	3-B Deep	Remark	3-C	Remark	3-D	Remark
Actinium-228	pCi/g	0.245		0.193	U	0.215		0.245	UJ	0.215	U
Actinium-228 Uncertainty	pCi/g	0.142		0.105		0.114		0.17		0.114	
Alpha Uncertainty	pCi/g	3.03		1.27		3.05		2.08		2.54	
Alpha, Total	pCi/g	6.35		3.25	U	6.12		3.59	U	4.14	
Americium-241	pCi/g	0.163	U	0.129	U	0.101	U	0.0496	U	0.0386	U
Americium-241 Uncertainty	pCi/g	0.0881		0.0745		0.0601		0.026		0.0205	
Antimony-124	pCi/g	0.136	U	0.115	U	0.118	U	0.146	U	0.192	U
Antimony-124 Uncertainty	pCi/g	0.0923		0.0894		0.0697		0.0779		0.0964	
Antimony-125	pCi/g	0.11	U	0.0905	U	0.0891	U	0.105	U	0.0856	U
Antimony-125 Uncertainty	pCi/g	0.067		0.0516		0.0452		0.0601		0.0468	
Barium-133	pCi/g	0.0523	U	0.047	U	0.0338	U	0.0453	U	0.0354	U
Barium-133 Uncertainty	pCi/g	0.0328		0.0281		0.0211		0.03		0.0256	
Barium-140	pCi/g	6.99	U	5.57	U	4.79	U	6.49	U	4.87	U
Barium-140 Uncertainty	pCi/g	3.91		3.39		2.96		3.55		2.96	
Beryllium-7	pCi/g	0.801	U	0.672	U	0.539	U	0.749	U	0.602	U
Beryllium-7 Uncertainty	pCi/g	0.439		0.422		0.326		0.456		0.34	
Beta Uncertainty	pCi/g	2.03		1.93		2.6		1.82		2.04	
Beta, Total	pCi/g	3.2	U	3.4	U	6.17		3.14	U	3.34	U
Bismuth-212	pCi/g	0.683	U	0.607	U	0.492	U	0.607	U	0.578	U
Bismuth-212 Uncertainty	pCi/g	0.352		0.328		0.278		0.353		0.327	
Bismuth-214	pCi/g	0.144	UJ	0.204		0.44		0.12	U	0.0936	U
Bismuth-214 Uncertainty	pCi/g	0.0999		0.0874		0.0904		0.0649		0.0512	
Cerium-139	pCi/g	0.041	U	0.0332	U	0.0337	U	0.0349	U	0.0316	U
Cerium-139 Uncertainty	pCi/g	0.0238		0.0212		0.019		0.0212		0.0176	
Cerium-141	pCi/g	0.237	U	0.209	U	0.191	U	0.185	U	0.169	U
Cerium-141 Uncertainty	pCi/g	0.131		0.117		0.106		0.1		0.0934	
Cerium-144	pCi/g	0.209	U	0.216	U	0.204	U	0.197	U	0.172	U
Cerium-144 Uncertainty	pCi/g	0.125		0.123		0.111		0.116		0.0897	
Cesium-134	pCi/g	0.0487	U	0.0572	U	0.0391	U	0.0473	U	0.0457	U

Table 3: Location 3 Soil Sample Radionuclide Results

Radionuclides	Units	3-A	Remark	3-B	Remark	3-B Deep	Remark	3-C	Remark	3-D	Remark
Cesium-134 Uncertainty	pCi/g	0.029		0.0314		0.0217		0.0265		0.026	
Cesium-136	pCi/g	1.21	U	2.12	U	1.9	U	2.59	U	2.09	U
Cesium-136 Uncertainty	pCi/g	1.09		1.26		1.01		1.49		1.08	
Cesium-137	pCi/g	0.0506		0.108		0.0332	UJ	0.19		0.0521	U
Cesium-137 Uncertainty	pCi/g	0.044		0.044		0.0235		0.057		0.0289	
Chromium-51	pCi/g	1.65	U	1.59	U	1.34	U	1.58	U	1.19	U
Chromium-51 Uncertainty	pCi/g	0.996		0.888		0.749		0.9		0.691	
Cobalt-56	pCi/g	0.0782	U	0.0589	U	0.0544	U	0.0707	U	0.0718	U
Cobalt-56 Uncertainty	pCi/g	0.0393		0.0365		0.0298		0.0412		0.0409	
Cobalt-57	pCi/g	0.0308	U	0.0255	U	0.0247	U	0.0252	U	0.0211	U
Cobalt-57 Uncertainty	pCi/g	0.0169		0.0154		0.0133		0.0136		0.0119	
Cobalt-58	pCi/g	0.0727	U	0.0606	U	0.0553	U	0.0623	U	0.0501	U
Cobalt-58 Uncertainty	pCi/g	0.0424		0.0387		0.032		0.0397		0.036	
Cobalt-60	pCi/g	0.0466	U	0.0295	U	0.0262	U	0.0382	U	0.0318	U
Cobalt-60 Uncertainty	pCi/g	0.0266		0.0166		0.0175		0.0262		0.0234	
Europium-152	pCi/g	0.115	U	0.087	U	0.079	U	0.0903	U	0.0903	U
Europium-152 Uncertainty	pCi/g	0.0684		0.0643		0.081		0.0512		0.051	
Europium-154	pCi/g	0.116	U	0.0946	U	0.0881	U	0.147	U	0.111	U
Europium-154 Uncertainty	pCi/g	0.0609		0.0552		0.0502		0.0872		0.0666	
Europium-155	pCi/g	0.103	U	0.0982	U	0.0901	U	0.0735	U	0.07	U
Europium-155 Uncertainty	pCi/g	0.0573		0.0546		0.0474		0.0423		0.0389	
Iridium-192	pCi/g	0.0622	U	0.0656	U	0.0529	U	0.0613	U	0.0553	U
Iridium-192 Uncertainty	pCi/g	0.0362		0.0361		0.0285		0.0346		0.0289	
Iron-59	pCi/g	0.228	U	0.18	U	0.154	U	0.182	U	0.195	U
Iron-59 Uncertainty	pCi/g	0.118		0.0967		0.0904		0.129		0.121	
Lead-210	pCi/g	5.27	U	3.13	U	1.78	U	1.11		0.428	
Lead-210 Uncertainty	pCi/g	2.73		1.72		0.98		0.529		0.311	
Lead-212	pCi/g	0.136		0.167		0.174		0.0938	UJ	0.0796	U
Lead-212 Uncertainty	pCi/g	0.0942		0.0606		0.0443		0.0826		0.0404	

Table 3: Location 3 Soil Sample Radionuclide Results

Radionuclides	Units	3-A	Remark	3-B	Remark	3-B Deep	Remark	3-C	Remark	3-D	Remark
Lead-214	pCi/g	0.233		0.143		0.518		0.12	U	0.0966	U
Lead-214 Uncertainty	pCi/g	0.102		0.0816		0.0966		0.0737		0.0818	
Manganese-54	pCi/g	0.0394	U	0.0372	U	0.0314	U	0.0504	U	0.0448	U
Manganese-54 Uncertainty	pCi/g	0.0258		0.0228		0.0211		0.0276		0.0224	
Mercury-203	pCi/g	0.0993	U	0.0933	U	0.0785	U	0.0876	U	0.0794	U
Mercury-203 Uncertainty	pCi/g	0.058		0.0528		0.0402		0.0479		0.039	
Neodymium-147	pCi/g	22.9	U	21.9	U	19.6	U	20.4	U	21.6	U
Neodymium-147 Uncertainty	pCi/g	13.4		12.5		10.1		12		12.3	
Neptunium-239	pCi/g	0.387	U	0.374	U	0.336	U	0.307	U	0.297	U
Neptunium-239 Uncertainty	pCi/g	0.215		0.216		0.187		0.18		0.157	
Niobium-94	pCi/g	0.0381	U	0.0306	U	0.0284	U	0.0458	U	0.0322	U
Niobium-94 Uncertainty	pCi/g	0.0216		0.0188		0.0174		0.0227		0.0189	
Niobium-95	pCi/g	0.0677	U	0.0778	U	0.0759	U	0.0713	U	0.0671	U
Niobium-95 Uncertainty	pCi/g	0.041		0.0394		0.0445		0.0433		0.0423	
Potassium-40	pCi/g	0.391	U	0.265	U	0.773		0.432	U	0.367	U
Potassium-40 Uncertainty	pCi/g	0.258		0.335		0.408		0.221		0.203	
Promethium-144	pCi/g	0.0446	U	0.0436	U	0.0322	U	0.0597	U	0.0413	U
Promethium-144 Uncertainty	pCi/g	0.0258		0.0235		0.0186		0.0292		0.0225	
Promethium-146	pCi/g	0.0474	U	0.0449	U	0.0308	U	0.0438	U	0.0422	U
Promethium-146 Uncertainty	pCi/g	0.0271		0.0248		0.019		0.0282		0.0246	
Radium-228	pCi/g	0.245		0.193	U	0.215		0.245	U	0.215	U
Radium-228 Uncertainty	pCi/g	0.142		0.105		0.114		0.17		0.114	
Ruthenium-106	pCi/g	0.393	U	0.341	U	0.301	U	0.368	U	0.363	U
Ruthenium-106 Uncertainty	pCi/g	0.221		0.216		0.178		0.209		0.219	
Silver-110m	pCi/g	0.0695	U	0.0604	U	0.0425	U	0.0636	U	0.0516	U
Silver-110m Uncertainty	pCi/g	0.0398		0.0346		0.0225		0.0354		0.0317	
Sodium-22	pCi/g	0.042	U	0.0347	U	0.0324	U	0.0525	U	0.0408	U
Sodium-22 Uncertainty	pCi/g	0.0221		0.0202		0.0184		0.0307		0.0221	
Thallium-208	pCi/g	0.0587		0.0732		0.0476		0.0547	U	0.0538	U

Table 3: Location 3 Soil Sample Radionuclide Results

Radionuclides	Units	3-A	Remark	3-B	Remark	3-B Deep	Remark	3-C	Remark	3-D	Remark
Thallium-208 Uncertainty	pCi/g	0.0504		0.0323		0.0336		0.0296		0.0281	
Thorium-234	pCi/g	1.51	U	1.47	U	1.06	U	0.679	U	0.602	U
Thorium-234 Uncertainty	pCi/g	0.83		0.778		0.551		0.347		0.297	
Tin-113	pCi/g	0.0767	U	0.0602	U	0.052	U	0.0685	U	0.0557	U
Tin-113 Uncertainty	pCi/g	0.0432		0.0349		0.0286		0.0366		0.029	
Uranium-235	pCi/g	0.213	U	0.212	U	0.188	U	0.174	U	0.165	U
Uranium-235 Uncertainty	pCi/g	0.125		0.121		0.102		0.106		0.0968	
Uranium-238	pCi/g	1.51	U	1.47	U	1.06	U	0.679	U	0.602	U
Uranium-238 Uncertainty	pCi/g	0.83		0.778		0.551		0.347		0.297	
Yttrium-88	pCi/g	0.0529	U	0.0589	U	0.0392	U	0.0814	U	0.0412	U
Yttrium-88 Uncertainty	pCi/g	0.0296		0.0346		0.0261		0.0442		0.0326	
Zinc-65	pCi/g	0.1	U	0.11	U	0.0881	U	0.139	U	0.077	U
Zinc-65 Uncertainty	pCi/g	0.0672		0.0607		0.0462		0.0682		0.0557	
Zirconium-95	pCi/g	0.148	U	0.124	U	0.103	U	0.153	U	0.163	U
Zirconium-95 Uncertainty	pCi/g	0.0745		0.0655		0.0564		0.0881		0.0839	

Location 4

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

Analyte	Residential SCTL	4-A	4-A Deep	4-B
<i>Exceedances</i>				
None				

SCTL=Soil Cleanup Target Level

ND=Non Detect

NA=Not Analyzed

Yellow Shading=Exceedance of SCTL

ng/Kg= nanograms per Kilogram

mg/Kg=milligrams per Kilogram

Table 2: Location 4 Soil Sample Chemical Results

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

Table 2: Location 4 Soil Sample Chemical Results

Volatile Organic Compounds	Units	4-A	MDL	Remark	4-A Deep	MDL	Remark	4-B	MDL	Remark
Tetrachloroethene	ug/kg	11	11	U	11	11	U	14	14	U
Toluene	ug/kg	11	11	U	11	11	U	14	14	U
trans-1,2-Dichloroethene	ug/kg	11	11	U	11	11	U	14	14	U
trans-1,3-Dichloropropene	ug/kg	4.5	4.5	U	4.5	4.5	U	5.4	5.4	U
Trichloroethene	ug/kg	4.5	4.5	UJ	4.5	4.5	UJ	5.4	5.4	UJ
Trichlorofluoromethane	ug/kg	11	11	U	11	11	U	14	14	U
Vinyl chloride	ug/kg	11	11	U	11	11	U	14	14	U
Semi-Volatile Organic Compounds	Units	4-A	MDL	Remark	4-A Deep	MDL	Remark	4-B	MDL	Remark
1,2,4-Trichlorobenzene	ug/kg	210	210	U	200	200	U	230	230	U
1-Methylnaphthalene	ug/kg	7.6	7.6	UQJ	7.3	7.3	U	8.3	8.3	U
1-Methylphenanthrene	ug/kg	7.6	7.6	U	7.3	7.3	U	8.3	8.3	U
2,3,5-Trimethylnaphthalene	ug/kg	7.6	7.6	UQ	7.3	7.3	U	8.3	8.3	U
2,4,6-Trichlorophenol	ug/kg	68	68	U	65	65	U	75	75	U
2,4-Dichlorophenol	ug/kg	68	68	U	65	65	U	75	75	U
2,4-Dimethylphenol	ug/kg	410	410	U	390	390	U	450	450	U
2,4-Dinitrophenol	ug/kg	410	410	U	390	390	U	450	450	U
2,4-Dinitrotoluene	ug/kg	68	68	U	65	65	U	75	75	U
2,6-Dimethylnaphthalene	ug/kg	7.6	7.6	UQ	7.3	7.3	U	8.3	8.3	U
2,6-Dinitrotoluene	ug/kg	68	68	U	65	65	U	75	75	U
2-Chloronaphthalene	ug/kg	68	68	U	65	65	U	75	75	U
2-Chlorophenol	ug/kg	210	210	U	200	200	U	230	230	U
2-Methyl-4,6-dinitrophenol	ug/kg	68	68	UJ	65	65	U	75	75	U
2-Methylnaphthalene	ug/Kg	7.6	7.6	UQJ	7.3	7.3	U	8.3	8.3	U
2-Nitrophenol	ug/kg	68	68	U	65	65	U	75	75	U
3,3'-Dichlorobenzidine	ug/kg	4000	4000	U	3900	3900	UJ	4500	4500	UJ
4-Bromophenyl phenyl ether	ug/kg	68	68	U	65	65	U	75	75	U
4-Chloro-3-methylphenol	ug/kg	68	68	U	65	65	U	75	75	U
4-Chlorophenyl phenyl ether	ug/kg	68	68	U	65	65	U	75	75	U
4-Nitrophenol	ug/kg	68	68	U	65	65	U	75	75	U

Table 2: Location 4 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	4-A	MDL	Remark	4-A Deep	MDL	Remark	4-B	MDL	Remark
Acenaphthene	ug/kg	7.6	7.6	U	7.3	7.3	U	8.3	8.3	U
Acenaphthylene	ug/kg	7.6	7.6	U	7.3	7.3	U	8.3	8.3	U
Anthracene	ug/kg	7.6	7.6	U	7.3	7.3	U	8.3	8.3	U
Azobenzene/1,2-Diphenylhydrazine	ug/kg	68	68	U	65	65	U	75	75	U
Benzidine	ug/kg	1500	1500	U	1300	1300	U	1600	1600	U
Benzo(a)anthracene	ug/kg	7.6	7.6	U	7.3	7.3	U	8.3	8.3	U
Benzo(a)pyrene	ug/kg	7.6	7.6	U	7.3	7.3	U	8.3	8.3	U
Benzo(b)fluoranthene	ug/kg	7.6	7.6	U	7.3	7.3	U	8.3	8.3	U
Benzo(g,h,i)perylene	ug/kg	7.6	7.6	U	7.3	7.3	U	8.3	8.3	U
Benzo(k)fluoranthene	ug/kg	7.6	7.6	U	7.3	7.3	U	8.3	8.3	U
Biphenyl	ug/kg	7.6	7.6	U	7.3	7.3	U	8.3	8.3	U
Bis(2-chloroethoxy)methane	ug/kg	68	68	U	65	65	U	75	75	U
Bis(2-chloroethyl)ether	ug/kg	68	68	U	65	65	U	75	75	U
Bis(2-chloroisopropyl)ether	ug/kg	68	68	U	65	65	U	75	75	U
Bis(2-ethylhexyl)phthalate	ug/kg	410	410	UQ	390	390	U	450	450	U
Butyl benzyl phthalate	ug/kg	68	68	U	65	65	U	75	75	U
Chrysene	ug/kg	7.6	7.6	U	7.3	7.3	U	8.3	8.3	U
Dibenzo(a,h)anthracene	ug/kg	7.6	7.6	U	7.3	7.3	U	8.3	8.3	U
Dibenzothiophene	ug/kg	7.6	7.6	U	7.3	7.3	U	8.3	8.3	U
Diethyl phthalate	ug/kg	68	68	U	65	65	U	75	75	U
Dimethyl phthalate	ug/kg	68	68	U	65	65	U	75	75	U
Di-n-butyl phthalate	ug/kg	410	410	UJ	390	390	U	450	450	U
Di-n-octyl phthalate	ug/kg	68	68	UJ	65	65	U	75	75	U
Fluoranthene	ug/kg	7.6	7.6	U	7.3	7.3	U	8.3	8.3	U
Fluorene	ug/kg	7.6	7.6	UQ	7.3	7.3	U	8.3	8.3	U
Hexachlorobenzene	ug/kg	68	68	U	65	65	U	75	75	U
Hexachlorobutadiene	ug/kg	210	210	U	200	200	U	230	230	U
Hexachlorocyclopentadiene	ug/kg	68	68	U	65	65	UJ	75	75	UJ
Hexachloroethane	ug/kg	210	210	U	200	200	U	230	230	U

Table 2: Location 4 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	4-A	MDL	Remark	4-A Deep	MDL	Remark	4-B	MDL	Remark
Indeno(1,2,3-cd)pyrene	ug/kg	7.6	7.6	U	7.3	7.3	U	8.3	8.3	U
Isophorone	ug/kg	68	68	U	65	65	U	75	75	U
Naphthalene	ug/kg	7.6	7.6	U	7.3	7.3	U	8.3	8.3	U
Nitrobenzene	ug/kg	68	68	U	65	65	U	75	75	U
N-Nitrosodimethylamine	ug/kg	410	410	U	390	390	U	450	450	U
N-Nitrosodi-n-propylamine	ug/kg	68	68	U	65	65	U	75	75	U
N-Nitrosodiphenylamine/ Diphenylamine	ug/kg	68	68	U	65	65	U	75	75	U
Pentachlorophenol	ug/kg	68	68	U	65	65	U	75	75	U
Phenanthrene	ug/kg	7.6	7.6	U	7.3	7.3	U	8.3	8.3	U
Phenol	ug/kg	68	68	U	65	65	U	75	75	U
Pyrene	ug/kg	7.6	7.6	U	7.3	7.3	U	8.3	8.3	U
TRPH	mg/kg	12	12	U	11	11	U	20	13	I
Pesticides/Herbicides/PCBs	Units	4-A	MDL	Remark	4-A Deep	MDL	Remark	4-B	MDL	Remark
2,4,5-T	ug/kg	7.4	7.4	U						
2,4-D	ug/kg	7.4	7.4	U						
3-Hydroxycarbofuran	ug/kg	0.57	0.57	UJ						
Acifluorfen	ug/kg	7.4	7.4	U						
Aldicarb	ug/kg	0.57	0.57	UJ						
Aldicarb Sulfone	ug/kg	0.57	0.57	UJ						
Aldicarb Sulfoxide	ug/kg	0.57	0.57	UJ						
Carbaryl	ug/kg	0.57	0.57	UJ						
Carbofuran	ug/kg	0.57	0.57	UJ						
Diuron	ug/kg	6.8	6.8	U						
Imidacloprid	ug/kg	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 4 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	4-A	MDL	Remark	4-A Deep	MDL	Remark	4-B	MDL	Remark
Silvex	ug/kg	7.4	7.4	U						
Alachlor	ug/kg	11	11	U	11	11	U	12	12	U
Aldrin	ug/Kg	0.38	0.38	U	0.36	0.36	U	0.42	0.42	U
Alpha-BHC	ug/Kg	0.38	0.38	U	0.36	0.36	U	0.42	0.42	U
Ametryn	ug/kg	1.9	1.9	U	1.8	1.8	U	2.1	2.1	U
Atrazine	ug/kg	1.9	1.9	U	1.8	1.8	U	2.1	2.1	U
Azinphos Methyl	ug/kg	5.7	5.7	U	5.5	5.5	U	6.2	6.2	U
Beta-BHC	ug/Kg	0.38	0.38	U	0.36	0.36	U	0.42	0.42	U
Bromacil	ug/kg	7.6	7.6	U	7.3	7.3	U	8.3	8.3	U
Chlordane	ug/Kg	5.7	5.7	U	5.5	5.5	U	6.2	6.2	U
Chlorpyrifos Ethyl	ug/kg	1.9	1.9	U	1.8	1.8	U	2.1	2.1	U
Chlorpyrifos Methyl	ug/kg	3.8	3.8	U	3.6	3.6	U	4.2	4.2	U
DDD-p,p'	ug/Kg	0.76	0.76	U	0.73	0.73	U	0.83	0.83	U
DDE-p,p'	ug/Kg	0.76	0.76	U	0.73	0.73	U	0.83	0.83	U
DDT-p,p'	ug/Kg	1.1	1.1	U	1.1	1.1	U	1.2	1.2	U
Delta-BHC	ug/Kg	0.76	0.76	U	0.73	0.73	U	0.83	0.83	U
Diazinon	ug/kg	4.7	1.9	I	1.8	1.8	U	2.1	2.1	U
Dieldrin	ug/Kg	0.38	0.38	U	0.36	0.36	U	0.42	0.42	U
Endosulfan I	ug/Kg	0.38	0.38	U	0.36	0.36	U	0.42	0.42	U
Endosulfan II	ug/Kg	0.38	0.38	U	0.36	0.36	UJ	0.42	0.42	UJ
Endosulfan Sulfate	ug/Kg	0.76	0.76	U	0.73	0.73	U	0.83	0.83	U
Endrin	ug/Kg	1.9	1.9	U	1.8	1.8	U	2.1	2.1	U
Endrin Aldehyde	ug/Kg	0.76	0.76	U	0.73	0.73	U	0.83	0.83	U
Ethion	ug/kg	1.9	1.9	U	1.8	1.8	U	2.1	2.1	U
Ethoprop	ug/kg	1.9	1.9	U	1.8	1.8	U	2.1	2.1	U
Fenamiphos	ug/kg	7.6	7.6	UJ	3.6	3.6	U	4.2	4.2	U
Fonofos	ug/kg	1.9	1.9	U	1.8	1.8	U	2.1	2.1	U
Gamma-BHC	ug/Kg	0.38	0.38	U	0.36	0.36	U	0.42	0.42	U
Heptachlor	ug/Kg	0.38	0.38	U	0.36	0.36	U	0.42	0.42	U

Table 2: Location 4 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	4-A	MDL	Remark	4-A Deep	MDL	Remark	4-B	MDL	Remark
Heptachlor Epoxide	ug/kg	0.38	0.38	U	0.36	0.36	U	0.42	0.42	U
Hexazinone	ug/kg	3.8	3.8	U	3.6	3.6	U	4.2	4.2	U
Malathion	ug/kg	3.8	3.8	U	3.6	3.6	U	4.2	4.2	U
Methamidophos	ug/kg	19	19	UJ	18	18	U	21	21	U
Methoxychlor	ug/kg	1.9	1.9	U	1.8	1.8	U	2.1	2.1	U
Metolachlor	ug/kg	11	11	U	11	11	U	12	12	U
Metribuzin	ug/kg	3.8	3.8	U	3.6	3.6	U	4.2	4.2	U
Mevinphos	ug/kg	7.6	7.6	U	7.3	7.3	U	8.3	8.3	U
Monocrotophos	ug/kg	19	19	UJ	18	18	U	21	21	U
Naled	ug/kg	15	15	U	15	15	UJ	17	17	UJ
Norflurazon	ug/kg	3.8	3.8	U	3.6	3.6	U	4.2	4.2	U
Parathion Ethyl	ug/kg	3.8	3.8	U	3.6	3.6	U	4.2	4.2	U
Parathion Methyl	ug/kg	3.8	3.8	U	3.6	3.6	U	4.2	4.2	U
PCB-1016	ug/Kg	11	11	U	11	11	U	12	12	U
PCB-1221	ug/Kg	7.6	7.6	U	7.3	7.3	U	8.3	8.3	U
PCB-1232	ug/Kg	17	17	U	16	16	U	19	19	U
PCB-1242	ug/Kg	11	11	U	11	11	U	12	12	U
PCB-1248	ug/Kg	7.6	7.6	U	7.3	7.3	U	8.3	8.3	U
PCB-1254	ug/Kg	7.6	7.6	U	7.3	7.3	U	8.3	8.3	U
PCB-1260	ug/Kg	11	11	U	11	11	U	12	12	U
Phorate	ug/kg	1.9	1.9	U	1.8	1.8	U	2.1	2.1	U
Prometryn	ug/kg	3.8	3.8	U	3.6	3.6	U	4.2	4.2	U
Simazine	ug/kg	1.9	1.9	U	1.8	1.8	U	2.1	2.1	U
Toxaphene	ug/Kg	29	29	U	27	27	U	31	31	U
Diquat	mg/Kg	0.045	0.045	U						
Paraquat	mg/Kg	0.057	0.057	U						
Metals	Units	4-A	MDL	Remark	4-A Deep	MDL	Remark	4-B	MDL	Remark
Mercury	mg/Kg	0.01	0.0035	I	0.0088	0.0036	I	0.018	0.004	
Antimony	mg/Kg	0.14	0.14	U	0.14	0.14	UJ	0.15	0.15	UJ

Table 2: Location 4 Soil Sample Chemical Results

Metals	Units	4-A	MDL	Remark	4-A Deep	MDL	Remark	4-B	MDL	Remark
Arsenic	mg/Kg	0.34	0.057		0.15	0.055	I	0.58	0.061	
Barium	mg/Kg	6.98	0.057		3.31	0.055		7.23	0.061	
Beryllium	mg/Kg	0.104	0.023		0.067	0.022	I	0.115	0.024	
Cadmium	mg/Kg	0.028	0.028	U	0.027	0.027	U	0.03	0.03	U
Chromium	mg/Kg	3.54	0.14		1.87	0.14		3.56	0.15	
Cobalt	mg/Kg	0.336	0.011		0.156	0.011		0.427	0.012	
Copper	mg/Kg	1.19	0.14		0.64	0.14		4.35	0.15	
Lead	mg/Kg	1.76	0.21		1.57	0.21		2.22	0.23	
Nickel	mg/Kg	1	0.14		0.55	0.14	I	1.31	0.15	
Selenium	mg/Kg	0.2	0.085	I	0.16	0.082	I	0.26	0.091	I
Silver	mg/Kg	0.0071	0.0071	UJ	0.0069	0.0069	U	0.0076	0.0076	U
Thallium	mg/Kg	0.028	0.028	U	0.027	0.027	U	0.03	0.03	U
Zinc	mg/Kg	5.2	1.1		1.1	1.1	U	12.6	1.2	
Dioxins/Furans	Units	4-A	MDL	Remark	4-A Deep	MDL	Remark	4-B	MDL	Remark
1,2,3,4,6,7,8-HpCDD	ng/Kg	0.555	3.07	IV						
1,2,3,4,6,7,8-HpCDF	ng/Kg	0.163	3.07	IJ						
1,2,3,4,7,8,9-HpCDF	ng/Kg	0.117	3.07	U						
1,2,3,4,7,8-HxCDD	ng/Kg	0.0899	3.07	U						
1,2,3,4,7,8-HxCDF	ng/Kg	0.0681	3.07	U						
1,2,3,6,7,8-HxCDD	ng/Kg	0.089	3.07	U						
1,2,3,6,7,8-HxCDF	ng/Kg	0.0711	3.07	U						
1,2,3,7,8,9-HxCDD	ng/Kg	0.0901	3.07	U						
1,2,3,7,8,9-HxCDF	ng/Kg	0.0878	3.07	U						
1,2,3,7,8-PeCDD	ng/Kg	0.125	3.07	U						
1,2,3,7,8-PeCDF	ng/Kg	0.0699	3.07	U						
2,3,4,6,7,8-HxCDF	ng/Kg	0.0751	3.07	U						
2,3,4,7,8-PeCDF	ng/Kg	0.0686	3.07	U						
2,3,7,8-TCDD	ng/Kg	0.196	1.23	U						
2,3,7,8-TCDF	ng/Kg	0.176	1.23	U						

Table 2: Location 4 Soil Sample Chemical Results

Dioxins/Furans	Units	4-A	MDL	Remark	4-A Deep	MDL	Remark	4-B	MDL	Remark
OCDD	ng/Kg	3.05	6.14	IV						
OCDF	ng/Kg	0.193	6.14	IJV						
Total Hepta-Dioxins	ng/Kg	1.12	3.07	I						
Total Hepta-Furans	ng/Kg	0.0889	3.07	U						
Total Hexa-Dioxins	ng/Kg	0.089	3.07	U						
Total Hexa-Furans	ng/Kg	0.0711	3.07	U						
Total Penta-Dioxins	ng/Kg	0.125	3.07	U						
Total Penta-Furans	ng/Kg	0.0686	3.07	U						
Total Tetra-Dioxins	ng/Kg	0.196	1.23	U						
Total Tetra-Furans	ng/Kg	0.313	1.23	I						
Calculated Total Toxicity Equivalents (TEQ)	Units	4-A			4-A Deep			4-B		
Dioxins as total 2,3,7,8-TCDD	ng/Kg	0.225								
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 4 Soil Sample Radionuclide Results

Radionuclides	Units	4-A	Remark	4-A Deep	Remark	4-B	Remark
Actinium-228	pCi/g	0.185	U	0.165	U	0.19	UJ
Actinium-228 Uncertainty	pCi/g	0.106		0.0904		0.152	
Alpha Uncertainty	pCi/g	2.77		2.61		1.85	
Alpha, Total	pCi/g	5.1		3.79		2.9	U
Americium-241	pCi/g	0.0836	U	0.135	U	0.115	U
Americium-241 Uncertainty	pCi/g	0.0476		0.0699		0.0654	
Antimony-124	pCi/g	0.203	U	0.17	U	0.154	U
Antimony-124 Uncertainty	pCi/g	0.103		0.0874		0.0961	
Antimony-125	pCi/g	0.0744	U	0.0782	U	0.0934	U
Antimony-125 Uncertainty	pCi/g	0.0461		0.0432		0.0529	
Barium-133	pCi/g	0.0376	U	0.0376	U	0.0407	U
Barium-133 Uncertainty	pCi/g	0.021		0.0237		0.0275	
Barium-140	pCi/g	4.11	U	4.81	U	5.83	U
Barium-140 Uncertainty	pCi/g	2.61		2.76		3.31	
Beryllium-7	pCi/g	0.634	U	0.571	U	0.641	U
Beryllium-7 Uncertainty	pCi/g	0.356		0.349		0.405	
Beta Uncertainty	pCi/g	1.98		1.72		2.15	
Beta, Total	pCi/g	3.27	U	2.92	U	3.66	U
Bismuth-212	pCi/g	0.468	U	0.421	U	0.562	U
Bismuth-212 Uncertainty	pCi/g	0.238		0.248		0.325	
Bismuth-214	pCi/g	0.159		0.104	UJ	0.206	
Bismuth-214 Uncertainty	pCi/g	0.0659		0.0708		0.0757	
Cerium-139	pCi/g	0.029	U	0.0289	U	0.0365	U
Cerium-139 Uncertainty	pCi/g	0.0181		0.0179		0.0214	
Cerium-141	pCi/g	0.145	U	0.168	U	0.222	U
Cerium-141 Uncertainty	pCi/g	0.0932		0.0905		0.128	
Cerium-144	pCi/g	0.186	U	0.178	U	0.21	U
Cerium-144 Uncertainty	pCi/g	0.102		0.102		0.117	
Cesium-134	pCi/g	0.0446	U	0.0379	U	0.0403	U

Table 3: Location 4 Soil Sample Radionuclide Results

Radionuclides	Units	4-A	Remark	4-A Deep	Remark	4-B	Remark
Cesium-134 Uncertainty	pCi/g	0.0233		0.02		0.0265	
Cesium-136	pCi/g	1.91	U	1.59	U	1.64	U
Cesium-136 Uncertainty	pCi/g	1		1.08		1.11	
Cesium-137	pCi/g	0.0412	UJ	0.0952		0.04	U
Cesium-137 Uncertainty	pCi/g	0.0496		0.0288		0.0211	
Chromium-51	pCi/g	1.15	U	1.34	U	1.51	U
Chromium-51 Uncertainty	pCi/g	0.683		0.762		0.896	
Cobalt-56	pCi/g	0.047	U	0.0591	U	0.0595	U
Cobalt-56 Uncertainty	pCi/g	0.0285		0.0331		0.0332	
Cobalt-57	pCi/g	0.0237	U	0.0246	U	0.0276	U
Cobalt-57 Uncertainty	pCi/g	0.0134		0.0129		0.016	
Cobalt-58	pCi/g	0.0492	U	0.0593	U	0.0591	U
Cobalt-58 Uncertainty	pCi/g	0.0278		0.0333		0.0355	
Cobalt-60	pCi/g	0.0369	U	0.0355	U	0.0306	U
Cobalt-60 Uncertainty	pCi/g	0.0189		0.0207		0.0219	
Europium-152	pCi/g	0.0701	U	0.0819	U	0.0944	U
Europium-152 Uncertainty	pCi/g	0.0483		0.0483		0.057	
Europium-154	pCi/g	0.11	U	0.0867	U	0.094	U
Europium-154 Uncertainty	pCi/g	0.0578		0.0542		0.0583	
Europium-155	pCi/g	0.0799	U	0.0813	U	0.102	U
Europium-155 Uncertainty	pCi/g	0.0441		0.0472		0.0565	
Iridium-192	pCi/g	0.0454	U	0.0502	U	0.0593	U
Iridium-192 Uncertainty	pCi/g	0.0252		0.0296		0.0339	
Iron-59	pCi/g	0.164	U	0.19	U	0.154	U
Iron-59 Uncertainty	pCi/g	0.094		0.109		0.0945	
Lead-210	pCi/g	1.77	U	4.13	U	3	U
Lead-210 Uncertainty	pCi/g	0.959		2.28		1.67	
Lead-212	pCi/g	0.193		0.056	U	0.157	
Lead-212 Uncertainty	pCi/g	0.0609		0.0512		0.0556	

Table 3: Location 4 Soil Sample Radionuclide Results

Radionuclides	Units	4-A	Remark	4-A Deep	Remark	4-B	Remark
Lead-214	pCi/g	0.206		0.211		0.185	
Lead-214 Uncertainty	pCi/g	0.0611		0.0764		0.0767	
Manganese-54	pCi/g	0.0345	U	0.0304	U	0.0382	U
Manganese-54 Uncertainty	pCi/g	0.02		0.019		0.0209	
Mercury-203	pCi/g	0.071	U	0.0747	U	0.0912	U
Mercury-203 Uncertainty	pCi/g	0.039		0.0421		0.0517	
Neodymium-147	pCi/g	14.5	U	17.7	U	20.1	U
Neodymium-147 Uncertainty	pCi/g	9.43		9.52		11.1	
Neptunium-239	pCi/g	0.299	U	0.339	U	0.382	U
Neptunium-239 Uncertainty	pCi/g	0.169		0.185		0.225	
Niobium-94	pCi/g	0.0242	U	0.0285	U	0.0298	U
Niobium-94 Uncertainty	pCi/g	0.014		0.018		0.0177	
Niobium-95	pCi/g	0.0593	U	0.0622	U	0.082	UJ
Niobium-95 Uncertainty	pCi/g	0.0321		0.0367		0.0424	
Potassium-40	pCi/g	0.719		0.372	U	0.531	
Potassium-40 Uncertainty	pCi/g	0.288		0.183		0.324	
Promethium-144	pCi/g	0.0287	U	0.0367	U	0.0348	U
Promethium-144 Uncertainty	pCi/g	0.0164		0.021		0.0217	
Promethium-146	pCi/g	0.0381	U	0.0375	U	0.0444	U
Promethium-146 Uncertainty	pCi/g	0.0237		0.0221		0.0266	
Radium-228	pCi/g	0.185	U	0.165	U	0.19	UJ
Radium-228 Uncertainty	pCi/g	0.106		0.0904		0.152	
Ruthenium-106	pCi/g	0.272	U	0.34	U	0.322	U
Ruthenium-106 Uncertainty	pCi/g	0.164		0.198		0.19	
Silver-110m	pCi/g	0.0382	U	0.0467	U	0.0517	U
Silver-110m Uncertainty	pCi/g	0.0268		0.0256		0.0292	
Sodium-22	pCi/g	0.0396	U	0.0323	U	0.0339	U
Sodium-22 Uncertainty	pCi/g	0.0212		0.0186		0.0211	
Thallium-208	pCi/g	0.0486		0.046	U	0.0421	

Table 3: Location 4 Soil Sample Radionuclide Results

Radionuclides	Units	4-A	Remark	4-A Deep	Remark	4-B	Remark
Thallium-208 Uncertainty	pCi/g	0.0254		0.0226		0.0293	
Thorium-234	pCi/g	0.98	U	1.27	U	1.29	U
Thorium-234 Uncertainty	pCi/g	0.51		0.655		0.705	
Tin-113	pCi/g	0.0546	U	0.0542	U	0.0589	U
Tin-113 Uncertainty	pCi/g	0.0313		0.032		0.0346	
Uranium-235	pCi/g	0.144	U	0.152	U	0.209	U
Uranium-235 Uncertainty	pCi/g	0.0942		0.0917		0.124	
Uranium-238	pCi/g	0.98	U	1.27	U	1.29	U
Uranium-238 Uncertainty	pCi/g	0.51		0.655		0.705	
Yttrium-88	pCi/g	0.0426	U	0.0479	U	0.0431	U
Yttrium-88 Uncertainty	pCi/g	0.0264		0.0319		0.0267	
Zinc-65	pCi/g	0.058	U	0.0903	U	0.0895	U
Zinc-65 Uncertainty	pCi/g	0.0358		0.0548		0.0614	
Zirconium-95	pCi/g	0.0897	U	0.112	U	0.123	U
Zirconium-95 Uncertainty	pCi/g	0.0521		0.0676		0.0722	

Location 5

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

Analyte	Residential SCTL	5-A	5-A Deep	5-B	5-C	5-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 5 Soil Sample Chemical Results

Volatile Organic Compounds	Units	5-A	MDL	Remark	5-A Deep	MDL	Remark	5-B	MDL	Remark	5-C	MDL	Remark	5-D	MDL	Remark
1,1,1-Trichloroethane	ug/kg	6.1	6.1	U	4.7	4.7	U	5.2	5.2	U	5.6	5.6	U	4.7	4.7	U
1,1,2,2-Tetrachloroethane	ug/kg	15	15	UJ	12	12	UJ	13	13	UJ	14	14	UJ	12	12	UJ
1,1,2-Trichloroethane	ug/kg	6.1	6.1	U	4.7	4.7	U	5.2	5.2	U	5.6	5.6	U	4.7	4.7	U
1,1-Dichloroethane	ug/kg	6.1	6.1	U	4.7	4.7	U	5.2	5.2	U	5.6	5.6	U	4.7	4.7	U
1,1-Dichloroethene	ug/kg	15	15	U	12	12	U	13	13	U	14	14	U	12	12	U
1,2-Dichlorobenzene	ug/kg	15	15	U	12	12	U	13	13	U	14	14	U	12	12	U
1,2-Dichloroethane	ug/kg	6.1	6.1	U	4.7	4.7	U	5.2	5.2	U	5.6	5.6	U	4.7	4.7	U
1,2-Dichloropropane	ug/kg	15	15	U	12	12	U	13	13	U	14	14	U	12	12	U
1,3-Dichlorobenzene	ug/kg	15	15	U	12	12	U	13	13	U	14	14	U	12	12	U
1,4-Dichlorobenzene	ug/kg	15	15	U	12	12	U	13	13	U	14	14	U	12	12	U
2-Butanone	ug/kg	150	150	U	120	120	U	130	130	U	140	140	U	120	120	U
2-Chloroethylvinyl ether	ug/kg	15	15	U	12	12	U	13	13	U	14	14	U	12	12	U
Benzene	ug/kg	6.1	6.1	U	4.7	4.7	U	5.2	5.2	U	5.6	5.6	U	4.7	4.7	U
Bromodichloromethane	ug/kg	6.1	6.1	U	4.7	4.7	U	5.2	5.2	U	5.6	5.6	U	4.7	4.7	U
Bromoform	ug/kg	15	15	UJ	12	12	UJ	13	13	UJ	14	14	UJ	12	12	UJ
Bromomethane	ug/kg	15	15	U	12	12	U	13	13	U	14	14	U	12	12	U
Carbon tetrachloride	ug/kg	6.1	6.1	U	4.7	4.7	U	5.2	5.2	U	5.6	5.6	UJ	4.7	4.7	U
Chlorobenzene	ug/kg	6.1	6.1	U	4.7	4.7	U	5.2	5.2	U	5.6	5.6	U	4.7	4.7	U
Chloroethane	ug/kg	15	15	U	12	12	U	13	13	U	14	14	U	12	12	U
Chloroform	ug/kg	6.1	6.1	U	4.7	4.7	U	5.2	5.2	U	5.6	5.6	U	4.7	4.7	U
Chloromethane	ug/kg	15	15	U	12	12	U	13	13	U	14	14	U	12	12	U
cis-1,2-Dichloroethene	ug/kg	15	15	U	12	12	U	13	13	U	14	14	U	12	12	U
cis-1,3-Dichloropropene	ug/kg	15	15	UJ	12	12	UJ	13	13	UJ	14	14	UJ	12	12	UJ
Dibromochloromethane	ug/kg	6.1	6.1	U	4.7	4.7	U	5.2	5.2	U	5.6	5.6	U	4.7	4.7	U
Ethylbenzene	ug/kg	15	15	U	12	12	U	13	13	U	14	14	U	12	12	U
m,p-Xylene	ug/kg	15	15	U	12	12	U	13	13	U	14	14	U	12	12	U
Methylene chloride	ug/kg	15	15	U	12	12	U	13	13	U	14	14	UJ	12	12	U
Methyl-t-butyl ether	ug/kg	15	15	U	12	12	U	13	13	U	14	14	U	12	12	U
o-Xylene	ug/kg	6.1	6.1	U	4.7	4.7	U	5.2	5.2	U	5.6	5.6	U	4.7	4.7	U

Table 2: Location 5 Soil Sample Chemical Results

Volatile Organic Compounds	Units	5-A	MDL	Remark	5-A Deep	MDL	Remark	5-B	MDL	Remark	5-C	MDL	Remark	5-D	MDL	Remark
Tetrachloroethene	ug/kg	15	15	U	12	12	U	13	13	U	14	14	U	12	12	U
Toluene	ug/kg	15	15	U	12	12	U	13	13	U	14	14	U	12	12	U
trans-1,2-Dichloroethene	ug/kg	15	15	U	12	12	U	13	13	U	14	14	U	12	12	U
trans-1,3-Dichloropropene	ug/kg	6.1	6.1	U	4.7	4.7	U	5.2	5.2	U	5.6	5.6	U	4.7	4.7	U
Trichloroethene	ug/kg	6.1	6.1	U	4.7	4.7	U	5.2	5.2	U	5.6	5.6	U	4.7	4.7	U
Trichlorofluoromethane	ug/kg	15	15	U	12	12	U	13	13	U	14	14	U	12	12	U
Vinyl chloride	ug/kg	15	15	U	12	12	U	13	13	U	14	14	U	12	12	U
Semi-Volatile Organic Compounds	Units	5-A	MDL	Remark	5-A Deep	MDL	Remark	5-B	MDL	Remark	5-C	MDL	Remark	5-D	MDL	Remark
1,2,4-Trichlorobenzene	ug/kg	240	240	U	200	200	U	210	210	U	210	210	U	190	190	U
1-Methylnaphthalene	ug/kg	8.8	8.8	U	7.4	7.4	U	7.8	7.8	U	7.6	7.6	U	7.2	7.2	U
1-Methylphenanthrene	ug/kg	8.8	8.8	U	7.4	7.4	U	7.8	7.8	U	7.6	7.6	U	7.2	7.2	U
2,3,5-Trimethylnaphthalene	ug/kg	8.8	8.8	U	7.4	7.4	U	7.8	7.8	U	7.6	7.6	U	7.2	7.2	U
2,4,6-Trichlorophenol	ug/kg	80	80	U	67	67	U	71	71	U	68	68	U	65	65	U
2,4-Dichlorophenol	ug/kg	80	80	U	67	67	U	71	71	U	68	68	U	65	65	U
2,4-Dimethylphenol	ug/kg	480	480	U	400	400	U	420	420	U	410	410	U	390	390	U
2,4-Dinitrophenol	ug/kg	480	480	U	400	400	U	420	420	U	410	410	U	390	390	U
2,4-Dinitrotoluene	ug/kg	80	80	U	67	67	U	71	71	U	68	68	U	65	65	U
2,6-Dimethylnaphthalene	ug/kg	8.8	8.8	U	7.4	7.4	U	7.8	7.8	U	7.6	7.6	U	7.2	7.2	U
2,6-Dinitrotoluene	ug/kg	80	80	U	67	67	U	71	71	U	68	68	U	65	65	U
2-Chloronaphthalene	ug/kg	80	80	U	67	67	U	71	71	U	68	68	U	65	65	U
2-Chlorophenol	ug/kg	240	240	U	200	200	U	210	210	U	210	210	U	190	190	U
2-Methyl-4,6-dinitrophenol	ug/kg	80	80	U	67	67	U	71	71	U	68	68	U	65	65	U
2-Methylnaphthalene	ug/Kg	8.8	8.8	U	7.4	7.4	U	7.8	7.8	U	7.6	7.6	U	7.2	7.2	U
2-Nitrophenol	ug/kg	80	80	U	67	67	U	71	71	U	68	68	U	65	65	U
3,3'-Dichlorobenzidine	ug/kg	4800	4800	U	4000	4000	U	4200	4200	U	4000	4000	U	3900	3900	U
4-Bromophenyl phenyl ether	ug/kg	80	80	U	67	67	U	71	71	U	68	68	U	65	65	U
4-Chloro-3-methylphenol	ug/kg	80	80	U	67	67	U	71	71	U	68	68	U	65	65	U
4-Chlorophenyl phenyl ether	ug/kg	80	80	U	67	67	U	71	71	U	68	68	U	65	65	U
4-Nitrophenol	ug/kg	80	80	U	67	67	U	71	71	U	68	68	U	65	65	U

Table 2: Location 5 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	5-A	MDL	Remark	5-A Deep	MDL	Remark	5-B	MDL	Remark	5-C	MDL	Remark	5-D	MDL	Remark
Acenaphthene	ug/kg	8.8	8.8	U	7.4	7.4	U	7.8	7.8	U	7.6	7.6	U	7.2	7.2	U
Acenaphthylene	ug/kg	8.8	8.8	U	7.4	7.4	U	7.8	7.8	U	7.6	7.6	U	7.2	7.2	U
Anthracene	ug/kg	8.8	8.8	U	7.4	7.4	U	7.8	7.8	U	7.6	7.6	UJ	7.2	7.2	U
Azobenzene/1,2-Diphenylhydrazine	ug/kg	80	80	U	67	67	U	71	71	U	68	68	U	65	65	U
Benzidine	ug/kg	1700	1700	UJ	1300	1300	UJ	1500	1500	UJ	1500	1500	U	1300	1300	UJ
Benzo(a)anthracene	ug/kg	8.8	8.8	U	7.4	7.4	U	7.8	7.8	U	7.6	7.6	UJ	7.2	7.2	U
Benzo(a)pyrene	ug/kg	8.8	8.8	U	7.4	7.4	U	7.8	7.8	U	7.6	7.6	UJ	7.2	7.2	U
Benzo(b)fluoranthene	ug/kg	8.8	8.8	U	7.4	7.4	U	7.8	7.8	U	7.6	7.6	UJ	7.2	7.2	U
Benzo(g,h,i)perylene	ug/kg	8.8	8.8	U	7.4	7.4	U	7.8	7.8	U	7.6	7.6	UJ	7.2	7.2	U
Benzo(k)fluoranthene	ug/kg	8.8	8.8	U	7.4	7.4	U	7.8	7.8	U	7.6	7.6	UJ	7.2	7.2	U
Biphenyl	ug/kg	8.8	8.8	U	7.4	7.4	U	7.8	7.8	U	7.6	7.6	U	7.2	7.2	U
Bis(2-chloroethoxy)methane	ug/kg	80	80	U	67	67	U	71	71	U	68	68	U	65	65	U
Bis(2-chloroethyl)ether	ug/kg	80	80	U	67	67	U	71	71	U	68	68	U	65	65	U
Bis(2-chloroisopropyl)ether	ug/kg	80	80	U	67	67	U	71	71	U	68	68	U	65	65	U
Bis(2-ethylhexyl)phthalate	ug/kg	480	480	U	400	400	U	420	420	U	410	410	UJ	390	390	U
Butyl benzyl phthalate	ug/kg	80	80	U	67	67	U	71	71	U	68	68	UJ	65	65	U
Chrysene	ug/kg	8.8	8.8	U	7.4	7.4	U	7.8	7.8	U	7.6	7.6	UJ	7.2	7.2	U
Dibenzo(a,h)anthracene	ug/kg	8.8	8.8	U	7.4	7.4	U	7.8	7.8	U	7.6	7.6	UJ	7.2	7.2	U
Dibenzothiophene	ug/kg	8.8	8.8	U	7.4	7.4	U	7.8	7.8	U	7.6	7.6	UJ	7.2	7.2	U
Diethyl phthalate	ug/kg	80	80	U	67	67	U	71	71	U	68	68	U	65	65	U
Dimethyl phthalate	ug/kg	80	80	U	67	67	U	71	71	U	68	68	U	65	65	U
Di-n-butyl phthalate	ug/kg	480	480	U	400	400	U	420	420	U	410	410	U	390	390	U
Di-n-octyl phthalate	ug/kg	80	80	U	67	67	U	71	71	U	68	68	UJ	65	65	U
Fluoranthene	ug/kg	8.8	8.8	U	7.4	7.4	U	7.8	7.8	U	7.6	7.6	UJ	7.2	7.2	U
Fluorene	ug/kg	8.8	8.8	U	7.4	7.4	U	7.8	7.8	U	7.6	7.6	U	7.2	7.2	U
Hexachlorobenzene	ug/kg	80	80	U	67	67	U	71	71	U	68	68	U	65	65	U
Hexachlorobutadiene	ug/kg	240	240	U	200	200	U	210	210	U	210	210	U	190	190	U
Hexachlorocyclopentadiene	ug/kg	80	80	UJ	67	67	UJ	71	71	UJ	68	68	UJ	65	65	UJ
Hexachloroethane	ug/kg	240	240	U	200	200	U	210	210	U	210	210	U	190	190	U

Table 2: Location 5 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	5-A	MDL	Remark	5-A Deep	MDL	Remark	5-B	MDL	Remark	5-C	MDL	Remark	5-D	MDL	Remark
Indeno(1,2,3-cd)pyrene	ug/kg	8.8	8.8	U	7.4	7.4	U	7.8	7.8	U	7.6	7.6	UJ	7.2	7.2	U
Isophorone	ug/kg	80	80	U	67	67	U	71	71	U	68	68	U	65	65	U
Naphthalene	ug/kg	8.8	8.8	U	7.4	7.4	U	7.8	7.8	U	7.6	7.6	U	7.2	7.2	U
Nitrobenzene	ug/kg	80	80	U	67	67	U	71	71	U	68	68	U	65	65	U
N-Nitrosodimethylamine	ug/kg	480	480	U	400	400	U	420	420	U	410	410	U	390	390	U
N-Nitrosodi-n-propylamine	ug/kg	80	80	U	67	67	U	71	71	U	68	68	U	65	65	U
N-Nitrosodiphenylamine/ Diphenylamine	ug/kg	80	80	U	67	67	U	71	71	U	68	68	U	65	65	U
Pentachlorophenol	ug/kg	80	80	U	67	67	U	71	71	U	68	68	U	65	65	U
Phenanthrene	ug/kg	8.8	8.8	U	7.4	7.4	U	7.8	7.8	U	7.6	7.6	UJ	7.2	7.2	U
Phenol	ug/kg	80	80	U	67	67	U	71	71	U	68	68	U	65	65	U
Pyrene	ug/kg	8.8	8.8	U	7.4	7.4	U	7.8	7.8	U	7.6	7.6	UJ	7.2	7.2	U
TRPH	mg/kg	27	14	I	12	12	U	13	12	I	40	12	I	11	11	U
Pesticides/Herbicides/PCBs	Units	5-A	MDL	Remark	5-A Deep	MDL	Remark	5-B	MDL	Remark	5-C	MDL	Remark	5-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 5 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	5-A	MDL	Remark	5-A Deep	MDL	Remark	5-B	MDL	Remark	5-C	MDL	Remark	5-D	MDL	Remark
Silvex	ug/kg										7.4	7.4	U			
Alachlor	ug/kg	13	13	U	11	11	U	12	12	U	11	11	U	11	11	U
Aldrin	ug/Kg	0.44	0.44	U	0.37	0.37	U	0.39	0.39	U	0.38	0.38	U	0.36	0.36	U
Alpha-BHC	ug/Kg	0.44	0.44	U	0.37	0.37	U	0.39	0.39	U	0.38	0.38	U	0.36	0.36	U
Ametryn	ug/kg	2.2	2.2	U	1.9	1.9	U	2	2	U	1.9	1.9	U	1.8	1.8	U
Atrazine	ug/kg	2.2	2.2	U	1.9	1.9	U	2	2	U	1.9	1.9	U	1.8	1.8	U
Azinphos Methyl	ug/kg	6.6	6.6	U	5.6	5.6	U	5.9	5.9	U	5.7	5.7	U	5.4	5.4	U
Beta-BHC	ug/Kg	0.44	0.44	U	0.37	0.37	U	0.39	0.39	U	0.38	0.38	U	0.36	0.36	U
Bromacil	ug/kg	8.8	8.8	U	7.4	7.4	U	7.8	7.8	U	7.6	7.6	U	7.2	7.2	U
Chlordane	ug/Kg	14	6.6	I	5.6	5.6	U	5.9	5.9	U	5.7	5.7	U	5.4	5.4	U
Chlorpyrifos Ethyl	ug/kg	2.2	2.2	U	1.9	1.9	U	10	2		1.9	1.9	U	1.8	1.8	U
Chlorpyrifos Methyl	ug/kg	4.4	4.4	U	3.7	3.7	U	3.9	3.9	U	3.8	3.8	U	3.6	3.6	U
DDD-p,p'	ug/Kg	0.88	0.88	U	0.74	0.74	U	0.78	0.78	U	0.76	0.76	U	0.72	0.72	U
DDE-p,p'	ug/Kg	12	0.88		0.74	0.74	U	0.78	0.78	U	0.76	0.76	U	0.72	0.72	U
DDT-p,p'	ug/Kg	2.5	2.5	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	0.88	0.88	U	0.74	0.74	U	0.78	0.78	U	0.76	0.76	U	0.72	0.72	U
Diazinon	ug/kg	2.2	2.2	U	1.9	1.9	U	2	2	U	1.9	1.9	U	1.8	1.8	U
Dieldrin	ug/Kg	0.44	0.44	U	0.37	0.37	U	0.39	0.39	U	0.38	0.38	U	0.36	0.36	U
Endosulfan I	ug/Kg	0.44	0.44	U	0.37	0.37	U	0.39	0.39	U	0.38	0.38	U	0.36	0.36	U
Endosulfan II	ug/Kg	0.51	0.51	U	0.37	0.37	U	0.39	0.39	U	0.38	0.38	U	0.36	0.36	U
Endosulfan Sulfate	ug/Kg	0.88	0.88	U	0.74	0.74	U	0.78	0.78	U	0.76	0.76	U	0.72	0.72	U
Endrin	ug/Kg	2.2	2.2	U	1.9	1.9	U	2	2	U	1.9	1.9	U	1.8	1.8	U
Endrin Aldehyde	ug/Kg	0.88	0.88	U	0.74	0.74	U	0.78	0.78	U	0.76	0.76	U	0.72	0.72	U
Ethion	ug/kg	2.2	2.2	U	1.9	1.9	U	2	2	U	1.9	1.9	U	1.8	1.8	U
Ethoprop	ug/kg	2.2	2.2	U	1.9	1.9	U	2	2	U	1.9	1.9	U	1.8	1.8	U
Fenamiphos	ug/kg	4.4	4.4	U	3.7	3.7	U	3.9	3.9	U	7.6	7.6	U	3.6	3.6	U
Fonofos	ug/kg	2.2	2.2	U	1.9	1.9	U	2	2	U	1.9	1.9	U	1.8	1.8	U
Gamma-BHC	ug/Kg	0.44	0.44	U	0.37	0.37	U	0.39	0.39	U	0.38	0.38	U	0.36	0.36	U
Heptachlor	ug/Kg	0.44	0.44	U	0.37	0.37	U	0.39	0.39	U	0.38	0.38	U	0.36	0.36	U

Table 2: Location 5 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	5-A	MDL	Remark	5-A Deep	MDL	Remark	5-B	MDL	Remark	5-C	MDL	Remark	5-D	MDL	Remark
Heptachlor Epoxide	ug/kg	0.44	0.44	U	0.37	0.37	U	0.39	0.39	U	0.38	0.38	U	0.36	0.36	U
Hexazinone	ug/kg	4.4	4.4	U	3.7	3.7	U	3.9	3.9	U	3.8	3.8	U	3.6	3.6	U
Malathion	ug/kg	4.4	4.4	U	3.7	3.7	U	3.9	3.9	U	3.8	3.8	U	3.6	3.6	U
Methamidophos	ug/kg	22	22	U	19	19	U	20	20	U	19	19	U	18	18	U
Methoxychlor	ug/kg	2.2	2.2	U	1.9	1.9	U	2	2	U	1.9	1.9	U	1.8	1.8	U
Metolachlor	ug/kg	13	13	U	11	11	U	12	12	U	11	11	U	11	11	U
Metribuzin	ug/kg	4.4	4.4	U	3.7	3.7	U	3.9	3.9	U	3.8	3.8	U	3.6	3.6	U
Mevinphos	ug/kg	8.8	8.8	U	7.4	7.4	U	7.8	7.8	U	7.6	7.6	U	7.2	7.2	U
Monocrotophos	ug/kg	22	22	U	19	19	U	20	20	U	19	19	U	18	18	U
Naled	ug/kg	18	18	U	15	15	U	16	16	U	15	15	U	14	14	U
Norflurazon	ug/kg	4.4	4.4	U	3.7	3.7	U	3.9	3.9	U	3.8	3.8	U	3.6	3.6	U
Parathion Ethyl	ug/kg	4.4	4.4	U	3.7	3.7	U	3.9	3.9	U	3.8	3.8	U	3.6	3.6	U
Parathion Methyl	ug/kg	4.4	4.4	U	3.7	3.7	U	3.9	3.9	U	3.8	3.8	U	3.6	3.6	U
PCB-1016	ug/Kg	13	13	U	11	11	U	12	12	U	11	11	U	11	11	U
PCB-1221	ug/Kg	8.8	8.8	U	7.4	7.4	U	7.8	7.8	U	7.6	7.6	U	7.2	7.2	U
PCB-1232	ug/Kg	20	20	U	17	17	U	18	18	U	17	17	U	16	16	U
PCB-1242	ug/Kg	13	13	U	11	11	U	12	12	U	11	11	U	11	11	U
PCB-1248	ug/Kg	8.8	8.8	U	7.4	7.4	U	7.8	7.8	U	7.6	7.6	U	7.2	7.2	U
PCB-1254	ug/Kg	8.8	8.8	U	7.4	7.4	U	7.8	7.8	U	7.6	7.6	U	7.2	7.2	U
PCB-1260	ug/Kg	13	13	U	11	11	U	12	12	U	11	11	U	11	11	U
Phorate	ug/kg	2.2	2.2	U	1.9	1.9	U	2	2	U	1.9	1.9	U	1.8	1.8	U
Prometryn	ug/kg	4.4	4.4	U	3.7	3.7	U	3.9	3.9	U	3.8	3.8	U	3.6	3.6	U
Simazine	ug/kg	2.2	2.2	U	1.9	1.9	U	2	2	U	1.9	1.9	U	1.8	1.8	U
Toxaphene	ug/Kg	33	33	U	28	28	U	29	29	U	29	29	U	27	27	U
Diquat	mg/Kg										0.045	0.045	U			
Paraquat	mg/Kg										0.057	0.057	U			
Metals	Units	5-A	MDL	Remark	5-A Deep	MDL	Remark	5-B	MDL	Remark	5-C	MDL	Remark	5-D	MDL	Remark
Mercury	mg/Kg	0.022	0.0052		0.011	0.0044	I	0.017	0.0044	I	0.013	0.0044	I	0.0062	0.0042	I
Antimony	mg/Kg	0.16	0.16	U	0.14	0.14	U	0.15	0.15	U	0.14	0.14	U	0.13	0.13	U

Table 2: Location 5 Soil Sample Chemical Results

Metals	Units	5-A	MDL	Remark	5-A Deep	MDL	Remark	5-B	MDL	Remark	5-C	MDL	Remark	5-D	MDL	Remark
Arsenic	mg/Kg	0.58	0.064		0.88	0.055		1.92	0.059		0.27	0.057		0.24	0.054	
Barium	mg/Kg	18.7	0.064		13.3	0.055		14.3	0.059		4.61	0.057		2.49	0.054	
Beryllium	mg/Kg	0.14	0.026		0.192	0.022		0.128	0.023		0.111	0.023		0.065	0.021	I
Cadmium	mg/Kg	0.045	0.032	I	0.058	0.028	I	0.04	0.029	I	0.028	0.028	U	0.027	0.027	U
Chromium	mg/Kg	4.31	0.16		6.31	0.14		4.24	0.15		4.7	0.14		3.17	0.13	
Cobalt	mg/Kg	0.478	0.013		0.573	0.011		0.58	0.012		0.278	0.011		0.165	0.011	
Copper	mg/Kg	10.7	0.16		1.53	0.14		7.03	0.15		1.28	0.14		1.31	0.13	
Lead	mg/Kg	2.42	0.24		2.29	0.21		2.33	0.22		2.13	0.21		1.51	0.2	
Nickel	mg/Kg	1.56	0.16		1.84	0.14		1.64	0.15		1.2	0.14		0.63	0.13	
Selenium	mg/Kg	0.43	0.096		0.39	0.083		0.31	0.088	I	0.22	0.085	I	0.12	0.08	I
Silver	mg/Kg	0.0086	0.008	U	0.0069	0.0069	U	0.073	0.0073	J	0.0071	0.0071	U	0.0067	0.0067	U
Thallium	mg/Kg	0.032	0.032	U	0.035	0.028	I	0.029	0.029	U	0.028	0.028	U	0.027	0.027	U
Zinc	mg/Kg	24.2	1.3		3.4	1.1	I	5.6	1.2		3.5	1.1	I	1.2	1.1	I
Dioxins/Furans	Units	5-A	MDL	Remark	5-A Deep	MDL	Remark	5-B	MDL	Remark	5-C	MDL	Remark	5-D	MDL	Remark
1,2,3,4,6,7,8-HpCDD	ng/Kg										1.07	3.16	IV			
1,2,3,4,6,7,8-HpCDF	ng/Kg										0.148	3.16	U			
1,2,3,4,7,8,9-HpCDF	ng/Kg										0.0965	3.16	U			
1,2,3,4,7,8-HxCDD	ng/Kg										0.0794	3.16	U			
1,2,3,4,7,8-HxCDF	ng/Kg										0.0464	3.16	U			
1,2,3,6,7,8-HxCDD	ng/Kg										0.0655	3.16	U			
1,2,3,6,7,8-HxCDF	ng/Kg										0.0435	3.16	U			
1,2,3,7,8,9-HxCDD	ng/Kg										0.0708	3.16	U			
1,2,3,7,8,9-HxCDF	ng/Kg										0.0539	3.16	U			
1,2,3,7,8-PeCDD	ng/Kg										0.088	3.16	U			
1,2,3,7,8-PeCDF	ng/Kg										0.0516	3.16	U			
2,3,4,6,7,8-HxCDF	ng/Kg										0.0492	3.16	U			
2,3,4,7,8-PeCDF	ng/Kg										0.0507	3.16	U			
2,3,7,8-TCDD	ng/Kg										0.11	1.26	U			
2,3,7,8-TCDF	ng/Kg										0.0993	1.26	U			

Table 2: Location 5 Soil Sample Chemical Results

Dioxins/Furans	Units	5-A	MDL	Remark	5-A Deep	MDL	Remark	5-B	MDL	Remark	5-C	MDL	Remark	5-D	MDL	Remark
OCDD	ng/Kg										4.73	6.32	IV			
OCDF	ng/Kg										0.119	6.32	U			
Total Hepta-Dioxins	ng/Kg										2.18	3.16	I			
Total Hepta-Furans	ng/Kg										0.076	3.16	U			
Total Hexa-Dioxins	ng/Kg										0.22	3.16	I			
Total Hexa-Furans	ng/Kg										0.0435	3.16	U			
Total Penta-Dioxins	ng/Kg										0.088	3.16	U			
Total Penta-Furans	ng/Kg										0.0507	3.16	U			
Total Tetra-Dioxins	ng/Kg										0.11	1.26	U			
Total Tetra-Furans	ng/Kg										0.301	1.26	I			
Calculated Total Toxicity Equivalents (TEQ)	Units	5-A			5-A Deep			5-B			5-C			5-D		
Dioxins as total 2,3,7,8-TCDD	ng/Kg										0.152					
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 5 Soil Sample Radionuclide Results

Radionuclides	Units	5-A	Remark	5-A Deep	Remark	5-B	Remark	5-C	Remark	5-D	Remark
Actinium-228	pCi/g	0.141	U	0.225	U	0.229	UJ	0.193	U	0.191	U
Actinium-228 Uncertainty	pCi/g	0.192		0.18		0.141		0.103		0.118	
Alpha Uncertainty	pCi/g	2.67		3.12		2.69		2.92		2.21	
Alpha, Total	pCi/g	4.15		6.08		4.37		4.83		3.69	U
Americium-241	pCi/g	0.096	U	0.239	U	0.04	U	0.153	U	0.103	U
Americium-241 Uncertainty	pCi/g	0.0591		0.128		0.0233		0.0827		0.0581	
Antimony-124	pCi/g	0.259	U	0.137	U	0.227	U	0.229	U	0.175	U
Antimony-124 Uncertainty	pCi/g	0.14		0.0904		0.107		0.107		0.102	
Antimony-125	pCi/g	0.113	U	0.088	U	0.0991	U	0.0978	U	0.0802	U
Antimony-125 Uncertainty	pCi/g	0.0633		0.0558		0.0534		0.0618		0.0472	
Barium-133	pCi/g	0.0532	U	0.0425	U	0.0416	U	0.0437	U	0.0367	U
Barium-133 Uncertainty	pCi/g	0.036		0.0272		0.0258		0.0276		0.0227	
Barium-140	pCi/g	7	U	7.28	U	6.63	U	6.14	U	6.32	U
Barium-140 Uncertainty	pCi/g	4.19		4.25		4.11		3.45		3.54	
Beryllium-7	pCi/g	0.728	U	0.734	U	0.685	U	0.731	U	0.599	U
Beryllium-7 Uncertainty	pCi/g	0.404		0.431		0.409		0.379		0.355	
Beta Uncertainty	pCi/g	2.93		3.74		2.56		2.88		10.9	
Beta, Total	pCi/g	5.03	U	8.32		4.5	U	7.88		198	
Bismuth-212	pCi/g	0.621	U	0.509	U	0.661	U	0.552	U	0.512	U
Bismuth-212 Uncertainty	pCi/g	0.401		0.283		0.347		0.288		0.276	
Bismuth-214	pCi/g	0.317		0.739		0.251		0.203		0.11	UJ
Bismuth-214 Uncertainty	pCi/g	0.0946		0.122		0.121		0.0883		0.0694	
Cerium-139	pCi/g	0.04	U	0.0414	U	0.0353	U	0.0394	U	0.0337	U
Cerium-139 Uncertainty	pCi/g	0.0241		0.0246		0.0201		0.0221		0.0196	
Cerium-141	pCi/g	0.253	U	0.231	U	0.195	U	0.208	U	0.197	U
Cerium-141 Uncertainty	pCi/g	0.155		0.138		0.109		0.115		0.112	
Cerium-144	pCi/g	0.214	U	0.244	U	0.182	U	0.219	U	0.182	U
Cerium-144 Uncertainty	pCi/g	0.129		0.133		0.0998		0.121		0.105	
Cesium-134	pCi/g	0.0578	U	0.0419	U	0.0422	U	0.0531	U	0.0477	U

Table 3: Location 5 Soil Sample Radionuclide Results

Radionuclides	Units	5-A	Remark	5-A Deep	Remark	5-B	Remark	5-C	Remark	5-D	Remark
Cesium-134 Uncertainty	pCi/g	0.0302		0.0241		0.0237		0.0291		0.0269	
Cesium-136	pCi/g	2.83	U	2.18	U	2.88	U	2.18	U	2.01	U
Cesium-136 Uncertainty	pCi/g	1.66		1.29		1.61		1.26		1.26	
Cesium-137	pCi/g	0.0563	U	0.0377	U	0.055		0.0441	U	0.0393	U
Cesium-137 Uncertainty	pCi/g	0.0299		0.0227		0.0391		0.024		0.023	
Chromium-51	pCi/g	1.85	U	1.79	U	1.36	U	1.53	U	1.62	U
Chromium-51 Uncertainty	pCi/g	1.12		1.02		0.893		0.942		0.887	
Cobalt-56	pCi/g	0.0725	U	0.0683	U	0.0756	U	0.0743	U	0.042	U
Cobalt-56 Uncertainty	pCi/g	0.0455		0.0371		0.0463		0.0422		0.0281	
Cobalt-57	pCi/g	0.0289	U	0.0334	U	0.0229	U	0.0255	U	0.0224	U
Cobalt-57 Uncertainty	pCi/g	0.017		0.018		0.0122		0.0143		0.0135	
Cobalt-58	pCi/g	0.0535	U	0.0611	U	0.0658	U	0.0574	U	0.0604	U
Cobalt-58 Uncertainty	pCi/g	0.0417		0.0421		0.0379		0.0394		0.0387	
Cobalt-60	pCi/g	0.0384	U	0.0413	U	0.0428	U	0.0321	U	0.0363	U
Cobalt-60 Uncertainty	pCi/g	0.0251		0.0242		0.0286		0.0214		0.0198	
Europium-152	pCi/g	0.111	U	0.104	U	0.0872	U	0.094	U	0.0809	U
Europium-152 Uncertainty	pCi/g	0.0681		0.0577		0.0524		0.0562		0.0522	
Europium-154	pCi/g	0.116	U	0.116	U	0.0881	U	0.108	U	0.102	U
Europium-154 Uncertainty	pCi/g	0.0708		0.0617		0.0596		0.0608		0.0658	
Europium-155	pCi/g	0.101	U	0.112	U	0.0742	U	0.0976	U	0.0864	U
Europium-155 Uncertainty	pCi/g	0.0585		0.0609		0.0393		0.0545		0.0468	
Iridium-192	pCi/g	0.0669	U	0.0636	U	0.068	U	0.0626	U	0.0569	U
Iridium-192 Uncertainty	pCi/g	0.0384		0.036		0.0352		0.0344		0.0318	
Iron-59	pCi/g	0.218	U	0.232	U	0.212	U	0.172	U	0.153	U
Iron-59 Uncertainty	pCi/g	0.124		0.123		0.116		0.124		0.0942	
Lead-210	pCi/g	1.64	U	9.48	U	0.543	U	5.36	U	1.7	U
Lead-210 Uncertainty	pCi/g	1.3		5.13		0.27		2.98		0.986	
Lead-212	pCi/g	0.234		0.194		0.206		0.0993	UJ	0.117	
Lead-212 Uncertainty	pCi/g	0.0594		0.0524		0.0534		0.0693		0.0472	

Table 3: Location 5 Soil Sample Radionuclide Results

Radionuclides	Units	5-A	Remark	5-A Deep	Remark	5-B	Remark	5-C	Remark	5-D	Remark
Lead-214	pCi/g	0.305		0.872		0.365		0.144	UJ	0.2	
Lead-214 Uncertainty	pCi/g	0.101		0.142		0.0978		0.0801		0.0784	
Manganese-54	pCi/g	0.0459	U	0.0408	U	0.0447	U	0.0422	U	0.0393	U
Manganese-54 Uncertainty	pCi/g	0.0268		0.0233		0.028		0.0229		0.0214	
Mercury-203	pCi/g	0.0897	U	0.1	U	0.0856	U	0.0833	U	0.0877	U
Mercury-203 Uncertainty	pCi/g	0.0576		0.055		0.0496		0.0513		0.0469	
Neodymium-147	pCi/g	24.6	U	24.6	U	27.4	U	19.5	U	21.2	U
Neodymium-147 Uncertainty	pCi/g	15.8		15.3		15.5		10.7		13.5	
Neptunium-239	pCi/g	0.365	U	0.387	U	0.284	U	0.367	U	0.308	U
Neptunium-239 Uncertainty	pCi/g	0.222		0.228		0.156		0.201		0.169	
Niobium-94	pCi/g	0.0399	U	0.0294	U	0.0396	U	0.0377	U	0.0286	U
Niobium-94 Uncertainty	pCi/g	0.0236		0.0181		0.0227		0.0229		0.0158	
Niobium-95	pCi/g	0.0905	U	0.0833	U	0.087	U	0.0875	U	0.0776	U
Niobium-95 Uncertainty	pCi/g	0.0499		0.054		0.0491		0.0453		0.0473	
Potassium-40	pCi/g	0.719		1.48		0.654	U	0.53	U	0.303	U
Potassium-40 Uncertainty	pCi/g	0.436		0.561		0.348		0.249		0.326	
Promethium-144	pCi/g	0.0428	U	0.0395	U	0.0432	U	0.0458	U	0.0291	U
Promethium-144 Uncertainty	pCi/g	0.0276		0.0233		0.0249		0.0243		0.0172	
Promethium-146	pCi/g	0.0451	U	0.048	U	0.042	U	0.0453	U	0.0384	U
Promethium-146 Uncertainty	pCi/g	0.0265		0.0268		0.0247		0.0261		0.0226	
Radium-228	pCi/g	0.141	U	0.225	U	0.229	UJ	0.193	U	0.191	U
Radium-228 Uncertainty	pCi/g	0.192		0.18		0.141		0.103		0.118	
Ruthenium-106	pCi/g	0.402	U	0.353	U	0.363	U	0.341	U	0.286	U
Ruthenium-106 Uncertainty	pCi/g	0.215		0.185		0.215		0.197		0.184	
Silver-110m	pCi/g	0.0592	U	0.0545	U	0.0564	U	0.0432	U	0.0461	U
Silver-110m Uncertainty	pCi/g	0.0363		0.0346		0.0333		0.0264		0.0287	
Sodium-22	pCi/g	0.0417	U	0.0419	U	0.0322	U	0.039	U	0.0373	U
Sodium-22 Uncertainty	pCi/g	0.0252		0.0224		0.0222		0.022		0.024	
Thallium-208	pCi/g	0.0791		0.0524	U	0.0756		0.0639		0.0589	

Table 3: Location 5 Soil Sample Radionuclide Results

Radionuclides	Units	5-A	Remark	5-A Deep	Remark	5-B	Remark	5-C	Remark	5-D	Remark
Thallium-208 Uncertainty	pCi/g	0.0519		0.0272		0.0483		0.0399		0.034	
Thorium-234	pCi/g	0.903	U	1.97	U	0.593	U	1.5	U	0.943	U
Thorium-234 Uncertainty	pCi/g	0.87		1.06		0.315		0.773		0.533	
Tin-113	pCi/g	0.0681	U	0.0659	U	0.0671	U	0.0694	U	0.0596	U
Tin-113 Uncertainty	pCi/g	0.0426		0.0374		0.0376		0.0426		0.0317	
Uranium-235	pCi/g	0.225	U	0.212	U	0.182	U	0.191	U	0.187	U
Uranium-235 Uncertainty	pCi/g	0.135		0.122		0.102		0.118		0.105	
Uranium-238	pCi/g	0.903	U	1.97	U	0.593	U	1.5	U	0.943	U
Uranium-238 Uncertainty	pCi/g	0.87		1.06		0.315		0.773		0.533	
Yttrium-88	pCi/g	0.0893	U	0.0568	U	0.0605	U	0.0756	U	0.0544	U
Yttrium-88 Uncertainty	pCi/g	0.0472		0.0329		0.0395		0.0405		0.0347	
Zinc-65	pCi/g	0.109	U	0.0969	U	0.0727	U	0.079	U	0.051	U
Zinc-65 Uncertainty	pCi/g	0.0706		0.0581		0.0586		0.0685		0.0434	
Zirconium-95	pCi/g	0.147	U	0.145	U	0.142	U	0.134	U	0.118	U
Zirconium-95 Uncertainty	pCi/g	0.0842		0.0795		0.0794		0.0696		0.0681	

Location 6

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

Analyte	Residential SCTL	6-A	6-A Deep	6-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 6 Soil Sample Chemical Results

Volatile Organic Compounds	Units	6-A	MDL	Remark	6-A Deep	MDL	Remark	6-B	MDL	Remark
1,1,1-Trichloroethane	ug/kg	4.7	4.7	U	4.9	4.9	U	5.3	5.3	U
1,1,2,2-Tetrachloroethane	ug/kg	12	12	UJ	12	12	U	13	13	U
1,1,2-Trichloroethane	ug/kg	4.7	4.7	U	4.9	4.9	U	5.3	5.3	U
1,1-Dichloroethane	ug/kg	4.7	4.7	U	4.9	4.9	U	5.3	5.3	U
1,1-Dichloroethene	ug/kg	12	12	U	12	12	U	13	13	U
1,2-Dichlorobenzene	ug/kg	12	12	U	12	12	U	13	13	U
1,2-Dichloroethane	ug/kg	4.7	4.7	U	4.9	4.9	U	5.3	5.3	U
1,2-Dichloropropane	ug/kg	12	12	U	12	12	U	13	13	U
1,3-Dichlorobenzene	ug/kg	12	12	U	12	12	U	13	13	U
1,4-Dichlorobenzene	ug/kg	12	12	U	12	12	U	13	13	U
2-Butanone	ug/kg	120	120	U	120	120	U	130	130	U
2-Chloroethylvinyl ether	ug/kg	12	12	U	12	12	U	13	13	U
Benzene	ug/kg	4.7	4.7	U	4.9	4.9	U	5.3	5.3	U
Bromodichloromethane	ug/kg	4.7	4.7	U	4.9	4.9	U	5.3	5.3	U
Bromoform	ug/kg	12	12	U	12	12	UJ	13	13	UJ
Bromomethane	ug/kg	12	12	U	12	12	U	13	13	U
Carbon tetrachloride	ug/kg	4.7	4.7	U	4.9	4.9	U	5.3	5.3	U
Chlorobenzene	ug/kg	4.7	4.7	U	4.9	4.9	U	5.3	5.3	U
Chloroethane	ug/kg	12	12	U	12	12	U	13	13	U
Chloroform	ug/kg	4.7	4.7	U	4.9	4.9	U	5.3	5.3	U
Chloromethane	ug/kg	12	12	U	12	12	U	13	13	U
cis-1,2-Dichloroethene	ug/kg	12	12	U	12	12	U	13	13	U
cis-1,3-Dichloropropene	ug/kg	12	12	UJ	12	12	U	13	13	U
Dibromochloromethane	ug/kg	4.7	4.7	U	4.9	4.9	U	5.3	5.3	U
Ethylbenzene	ug/kg	12	12	U	12	12	U	13	13	U
m,p-Xylene	ug/kg	12	12	U	12	12	U	13	13	U
Methylene chloride	ug/kg	12	12	U	12	12	U	13	13	U
Methyl-t-butyl ether	ug/kg	12	12	U	12	12	U	13	13	U
o-Xylene	ug/kg	4.7	4.7	U	4.9	4.9	U	5.3	5.3	U

Table 2: Location 6 Soil Sample Chemical Results

Volatile Organic Compounds	Units	6-A	MDL	Remark	6-A Deep	MDL	Remark	6-B	MDL	Remark
Tetrachloroethene	ug/kg	12	12	U	12	12	U	13	13	U
Toluene	ug/kg	12	12	U	12	12	U	13	13	U
trans-1,2-Dichloroethene	ug/kg	12	12	U	12	12	U	13	13	U
trans-1,3-Dichloropropene	ug/kg	4.7	4.7	U	4.9	4.9	U	5.3	5.3	U
Trichloroethene	ug/kg	4.7	4.7	U	4.9	4.9	U	5.3	5.3	U
Trichlorofluoromethane	ug/kg	12	12	U	12	12	U	13	13	U
Vinyl chloride	ug/kg	12	12	U	12	12	U	13	13	U
Semi-Volatile Organic Compounds	Units	6-A	MDL	Remark	6-A Deep	MDL	Remark	6-B	MDL	Remark
1,2,4-Trichlorobenzene	ug/kg	240	240	U	200	200	U	230	230	U
1-Methylnaphthalene	ug/kg	8.7	8.7	U	7.4	7.4	U	8.4	8.4	U
1-Methylphenanthrene	ug/kg	8.7	8.7	U	7.4	7.4	U	8.4	8.4	U
2,3,5-Trimethylnaphthalene	ug/kg	8.7	8.7	U	7.4	7.4	U	8.4	8.4	U
2,4,6-Trichlorophenol	ug/kg	79	79	U	67	67	U	76	76	U
2,4-Dichlorophenol	ug/kg	79	79	U	67	67	U	76	76	U
2,4-Dimethylphenol	ug/kg	470	470	U	400	400	U	450	450	U
2,4-Dinitrophenol	ug/kg	470	470	U	400	400	U	450	450	U
2,4-Dinitrotoluene	ug/kg	79	79	U	67	67	U	76	76	U
2,6-Dimethylnaphthalene	ug/kg	13	8.7	I	7.4	7.4	U	8.4	8.4	U
2,6-Dinitrotoluene	ug/kg	79	79	U	67	67	U	76	76	U
2-Chloronaphthalene	ug/kg	79	79	U	67	67	U	76	76	U
2-Chlorophenol	ug/kg	240	240	U	200	200	U	230	230	U
2-Methyl-4,6-dinitrophenol	ug/kg	79	79	UJ	67	67	U	76	76	U
2-Methylnaphthalene	ug/Kg	13	8.7	I	7.4	7.4	U	8.4	8.4	U
2-Nitrophenol	ug/kg	79	79	U	67	67	U	76	76	U
3,3'-Dichlorobenzidine	ug/kg	4700	4700	U	4000	4000	UJ	4500	4500	UJ
4-Bromophenyl phenyl ether	ug/kg	79	79	U	67	67	U	76	76	U
4-Chloro-3-methylphenol	ug/kg	79	79	U	67	67	U	76	76	U
4-Chlorophenyl phenyl ether	ug/kg	79	79	U	67	67	U	76	76	U
4-Nitrophenol	ug/kg	79	79	U	67	67	U	76	76	U

Table 2: Location 6 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	6-A	MDL	Remark	6-A Deep	MDL	Remark	6-B	MDL	Remark
Acenaphthene	ug/kg	8.7	8.7	U	7.4	7.4	U	8.4	8.4	U
Acenaphthylene	ug/kg	8.7	8.7	U	7.4	7.4	U	8.4	8.4	U
Anthracene	ug/kg	8.7	8.7	U	7.4	7.4	U	8.4	8.4	U
Azobenzene/1,2-Diphenylhydrazine	ug/kg	79	79	U	67	67	U	76	76	U
Benzidine	ug/kg	1700	1700	U	1300	1300	U	1600	1600	U
Benzo(a)anthracene	ug/kg	8.7	8.7	U	7.4	7.4	U	8.4	8.4	U
Benzo(a)pyrene	ug/kg	8.7	8.7	U	7.4	7.4	U	8.4	8.4	U
Benzo(b)fluoranthene	ug/kg	8.7	8.7	U	7.4	7.4	U	8.4	8.4	U
Benzo(g,h,i)perylene	ug/kg	8.7	8.7	U	7.4	7.4	U	8.4	8.4	U
Benzo(k)fluoranthene	ug/kg	8.7	8.7	U	7.4	7.4	U	8.4	8.4	U
Biphenyl	ug/kg	8.7	8.7	U	7.4	7.4	U	8.4	8.4	U
Bis(2-chloroethoxy)methane	ug/kg	79	79	U	67	67	U	76	76	U
Bis(2-chloroethyl)ether	ug/kg	79	79	U	67	67	U	76	76	U
Bis(2-chloroisopropyl)ether	ug/kg	79	79	U	67	67	U	76	76	U
Bis(2-ethylhexyl)phthalate	ug/kg	470	470	UQ	400	400	UQ	450	450	U
Butyl benzyl phthalate	ug/kg	79	79	U	67	67	U	76	76	U
Chrysene	ug/kg	8.7	8.7	U	7.4	7.4	U	8.4	8.4	U
Dibenzo(a,h)anthracene	ug/kg	8.7	8.7	U	7.4	7.4	U	8.4	8.4	U
Dibenzothiophene	ug/kg	8.7	8.7	U	7.4	7.4	U	8.4	8.4	U
Diethyl phthalate	ug/kg	79	79	U	67	67	U	76	76	U
Dimethyl phthalate	ug/kg	79	79	U	67	67	U	76	76	U
Di-n-butyl phthalate	ug/kg	470	470	UJ	400	400	U	450	450	U
Di-n-octyl phthalate	ug/kg	79	79	UJ	67	67	U	76	76	U
Fluoranthene	ug/kg	8.7	8.7	U	7.4	7.4	U	8.4	8.4	U
Fluorene	ug/kg	8.7	8.7	U	7.4	7.4	U	8.4	8.4	U
Hexachlorobenzene	ug/kg	79	79	U	67	67	U	76	76	U
Hexachlorobutadiene	ug/kg	240	240	U	200	200	U	230	230	U
Hexachlorocyclopentadiene	ug/kg	79	79	U	67	67	UJ	76	76	UJ
Hexachloroethane	ug/kg	240	240	U	200	200	U	230	230	U

Table 2: Location 6 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	6-A	MDL	Remark	6-A Deep	MDL	Remark	6-B	MDL	Remark
Indeno(1,2,3-cd)pyrene	ug/kg	8.7	8.7	U	7.4	7.4	U	8.4	8.4	U
Isophorone	ug/kg	79	79	U	67	67	U	76	76	U
Naphthalene	ug/kg	8.7	8.7	U	7.4	7.4	U	8.4	8.4	U
Nitrobenzene	ug/kg	79	79	U	67	67	UJ	76	76	U
N-Nitrosodimethylamine	ug/kg	470	470	U	400	400	U	450	450	U
N-Nitrosodi-n-propylamine	ug/kg	79	79	U	67	67	U	76	76	U
N-Nitrosodiphenylamine/ Diphenylamine	ug/kg	79	79	U	67	67	U	76	76	U
Pentachlorophenol	ug/kg	79	79	U	67	67	UJ	76	76	U
Phenanthrene	ug/kg	8.7	8.7	U	7.4	7.4	U	8.4	8.4	U
Phenol	ug/kg	79	79	U	67	67	U	76	76	U
Pyrene	ug/kg	8.7	8.7	U	7.4	7.4	U	8.4	8.4	U
TRPH	mg/kg	45	14	I	12	12	U	13	13	U
Pesticides/Herbicides/PCBs	Units	6-A	MDL	Remark	6-A Deep	MDL	Remark	6-B	MDL	Remark
2,4,5-T	ug/kg	8.5	8.5	U						
2,4-D	ug/kg	8.5	8.5	U						
3-Hydroxycarbofuran	ug/kg	0.66	0.66	UJ						
Acifluorfen	ug/kg	8.5	8.5	U						
Aldicarb	ug/kg	0.66	0.66	UJ						
Aldicarb Sulfone	ug/kg	0.66	0.66	UJ						
Aldicarb Sulfoxide	ug/kg	0.66	0.66	UJ						
Carbaryl	ug/kg	0.66	0.66	UJ						
Carbofuran	ug/kg	0.66	0.66	UJ						
Diuron	ug/kg	7.9	7.9	U						
Imidacloprid	ug/kg	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 6 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	6-A	MDL	Remark	6-A Deep	MDL	Remark	6-B	MDL	Remark
Silvex	ug/kg	8.5	8.5	U						
Alachlor	ug/kg	13	13	U	11	11	U	13	13	U
Aldrin	ug/Kg	0.44	0.44	U	0.37	0.37	U	0.42	0.42	U
Alpha-BHC	ug/Kg	0.44	0.44	U	0.37	0.37	U	0.42	0.42	U
Ametryn	ug/kg	2.2	2.2	U	1.9	1.9	U	2.1	2.1	U
Atrazine	ug/kg	2.2	2.2	U	1.9	1.9	U	2.1	2.1	U
Azinphos Methyl	ug/kg	6.6	6.6	U	5.6	5.6	U	6.3	6.3	U
Beta-BHC	ug/Kg	0.44	0.44	U	0.37	0.37	U	0.42	0.42	U
Bromacil	ug/kg	8.7	8.7	U	7.4	7.4	U	8.4	8.4	U
Chlordane	ug/Kg	6.6	6.6	U	5.6	5.6	U	6.3	6.3	U
Chlorpyrifos Ethyl	ug/kg	2.2	2.2	U	1.9	1.9	U	2.1	2.1	U
Chlorpyrifos Methyl	ug/kg	4.4	4.4	U	3.7	3.7	U	4.2	4.2	U
DDD-p,p'	ug/Kg	0.87	0.87	U	0.74	0.74	U	0.84	0.84	U
DDE-p,p'	ug/Kg	0.87	0.87	U	0.74	0.74	U	0.84	0.84	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	0.87	0.87	U	0.74	0.74	U	0.84	0.84	U
Diazinon	ug/kg	2.2	2.2	U	1.9	1.9	U	2.1	2.1	U
Dieldrin	ug/Kg	0.44	0.44	U	0.37	0.37	U	0.42	0.42	U
Endosulfan I	ug/Kg	0.44	0.44	U	0.37	0.37	U	0.42	0.42	U
Endosulfan II	ug/Kg	0.44	0.44	U	0.37	0.37	U	0.42	0.42	U
Endosulfan Sulfate	ug/Kg	0.87	0.87	U	0.74	0.74	U	0.84	0.84	U
Endrin	ug/Kg	2.2	2.2	U	1.9	1.9	U	2.1	2.1	U
Endrin Aldehyde	ug/Kg	0.87	0.87	U	0.74	0.74	U	0.84	0.84	U
Ethion	ug/kg	2.2	2.2	U	1.9	1.9	U	2.1	2.1	U
Ethoprop	ug/kg	2.2	2.2	U	1.9	1.9	U	2.1	2.1	U
Fenamiphos	ug/kg	8.7	8.7	U	3.7	3.7	U	4.2	4.2	U
Fonofos	ug/kg	2.2	2.2	U	1.9	1.9	U	2.1	2.1	U
Gamma-BHC	ug/Kg	0.44	0.44	U	0.37	0.37	U	0.42	0.42	U
Heptachlor	ug/Kg	0.44	0.44	U	0.37	0.37	U	0.42	0.42	U

Table 2: Location 6 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	6-A	MDL	Remark	6-A Deep	MDL	Remark	6-B	MDL	Remark
Heptachlor Epoxide	ug/kg	0.44	0.44	U	0.37	0.37	U	0.42	0.42	U
Hexazinone	ug/kg	4.4	4.4	U	3.7	3.7	U	4.2	4.2	U
Malathion	ug/kg	4.4	4.4	U	3.7	3.7	U	4.2	4.2	U
Methamidophos	ug/kg	22	22	UJ	19	19	U	21	21	U
Methoxychlor	ug/kg	2.2	2.2	U	1.9	1.9	U	2.1	2.1	U
Metolachlor	ug/kg	13	13	U	11	11	U	13	13	U
Metribuzin	ug/kg	4.4	4.4	U	3.7	3.7	U	4.2	4.2	U
Mevinphos	ug/kg	8.7	8.7	U	7.4	7.4	U	8.4	8.4	U
Monocrotophos	ug/kg	22	22	UJ	19	19	U	21	21	U
Naled	ug/kg	17	17	U	15	15	UJ	17	17	UJ
Norflurazon	ug/kg	4.4	4.4	U	3.7	3.7	U	4.2	4.2	U
Parathion Ethyl	ug/kg	4.4	4.4	U	3.7	3.7	U	4.2	4.2	U
Parathion Methyl	ug/kg	4.4	4.4	U	3.7	3.7	U	4.2	4.2	U
PCB-1016	ug/Kg	13	13	U	11	11	U	13	13	U
PCB-1221	ug/Kg	8.7	8.7	U	7.4	7.4	U	8.4	8.4	U
PCB-1232	ug/Kg	20	20	U	17	17	U	19	19	U
PCB-1242	ug/Kg	13	13	U	11	11	U	13	13	U
PCB-1248	ug/Kg	8.7	8.7	U	7.4	7.4	U	8.4	8.4	U
PCB-1254	ug/Kg	8.7	8.7	U	7.4	7.4	U	8.4	8.4	U
PCB-1260	ug/Kg	13	13	U	11	11	U	13	13	U
Phorate	ug/kg	2.2	2.2	U	1.9	1.9	U	2.1	2.1	U
Prometryn	ug/kg	4.4	4.4	U	3.7	3.7	U	4.2	4.2	U
Simazine	ug/kg	2.2	2.2	U	1.9	1.9	U	2.1	2.1	U
Toxaphene	ug/Kg	33	33	U	28	28	U	32	32	U
Diquat	mg/Kg	0.061	0.061	U						
Paraquat	mg/Kg	0.076	0.076	U						
Metals	Units	6-A	MDL	Remark	6-A Deep	MDL	Remark	6-B	MDL	Remark
Mercury	mg/Kg	0.013	0.005	I	0.0053	0.0042	I	0.013	0.0038	I
Antimony	mg/Kg	0.16	0.16	U	0.14	0.14	UJ	0.16	0.16	UJ

Table 2: Location 6 Soil Sample Chemical Results

Metals	Units	6-A	MDL	Remark	6-A Deep	MDL	Remark	6-B	MDL	Remark
Arsenic	mg/Kg	0.62	0.064		0.41	0.055		0.5	0.062	A
Barium	mg/Kg	14.4	0.064		4.23	0.055		6.14	0.062	A
Beryllium	mg/Kg	0.12	0.026		0.072	0.022	I	0.107	0.025	A
Cadmium	mg/Kg	0.064	0.032	I	0.027	0.027	U	0.031	0.031	U
Chromium	mg/Kg	5.2	0.16		2.86	0.14		4.07	0.16	A
Cobalt	mg/Kg	0.424	0.013		0.202	0.011		0.407	0.012	A
Copper	mg/Kg	3.75	0.16		0.27	0.14	I	4.57	0.16	A
Lead	mg/Kg	1.64	0.24		0.91	0.2		2.45	0.23	A
Nickel	mg/Kg	1.36	0.16		0.84	0.14		1.17	0.16	A
Selenium	mg/Kg	0.45	0.097		0.2	0.082	I	0.29	0.093	I
Silver	mg/Kg	0.0092	0.0081	U	0.0068	0.0068	U	0.015	0.0078	I
Thallium	mg/Kg	0.034	0.032	I	0.027	0.027	U	0.031	0.031	U
Zinc	mg/Kg	4.4	1.3	I	1.1	1.1	U	3.6	1.2	I
Dioxins/Furans	Units	6-A	MDL	Remark	6-A Deep	MDL	Remark	6-B	MDL	Remark
1,2,3,4,6,7,8-HpCDD	ng/Kg	0.926	3.3	I						
1,2,3,4,6,7,8-HpCDF	ng/Kg	0.509	3.3	I						
1,2,3,4,7,8,9-HpCDF	ng/Kg	0.0665	3.3	U						
1,2,3,4,7,8-HxCDD	ng/Kg	0.057	3.3	U						
1,2,3,4,7,8-HxCDF	ng/Kg	0.0208	3.3	U						
1,2,3,6,7,8-HxCDD	ng/Kg	0.0505	3.3	U						
1,2,3,6,7,8-HxCDF	ng/Kg	0.0199	3.3	U						
1,2,3,7,8,9-HxCDD	ng/Kg	0.055	3.3	U						
1,2,3,7,8,9-HxCDF	ng/Kg	0.0259	3.3	U						
1,2,3,7,8-PeCDD	ng/Kg	0.0269	3.3	U						
1,2,3,7,8-PeCDF	ng/Kg	0.0615	3.3	U						
2,3,4,6,7,8-HxCDF	ng/Kg	0.0333	3.3	U						
2,3,4,7,8-PeCDF	ng/Kg	0.061	3.3	U						
2,3,7,8-TCDD	ng/Kg	0.0336	1.32	U						
2,3,7,8-TCDF	ng/Kg	0.0273	1.32	U						

Table 2: Location 6 Soil Sample Chemical Results

Dioxins/Furans	Units	6-A	MDL	Remark	6-A Deep	MDL	Remark	6-B	MDL	Remark
OCDD	ng/Kg	7.83	6.61	V						
OCDF	ng/Kg	3.88	6.61	I						
Total Hepta-Dioxins	ng/Kg	2.03	3.3	I						
Total Hepta-Furans	ng/Kg	1.09	3.3	I						
Total Hexa-Dioxins	ng/Kg	0.403	3.3	I						
Total Hexa-Furans	ng/Kg	0.165	3.3	I						
Total Penta-Dioxins	ng/Kg	0.0269	3.3	U						
Total Penta-Furans	ng/Kg	0.141	3.3	I						
Total Tetra-Dioxins	ng/Kg	3.35	1.32							
Total Tetra-Furans	ng/Kg	0.88	1.32	I						
Calculated Total Toxicity Equivalents (TEQ)	Units	6-A			6-A Deep			6-B		
Dioxins as total 2,3,7,8-TCDD	ng/Kg	0.0792								
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 6 Soil Sample Radionuclide Results

Radionuclides	Units	6-A	Remark	6-A Deep	Remark	6-B	Remark
Actinium-228	pCi/g	0.133	UJ	0.197	U	0.288	
Actinium-228 Uncertainty	pCi/g	0.173		0.108		0.171	
Alpha Uncertainty	pCi/g	3.83		3.7		2.52	
Alpha, Total	pCi/g	9.78		8.62		3.64	
Americium-241	pCi/g	0.146	U	0.165	U	0.194	U
Americium-241 Uncertainty	pCi/g	0.0857		0.0954		0.106	
Antimony-124	pCi/g	0.171	U	0.143	U	0.158	U
Antimony-124 Uncertainty	pCi/g	0.102		0.099		0.0949	
Antimony-125	pCi/g	0.104	U	0.105	U	0.108	U
Antimony-125 Uncertainty	pCi/g	0.0596		0.0638		0.0613	
Barium-133	pCi/g	0.0467	U	0.0443	U	0.0479	U
Barium-133 Uncertainty	pCi/g	0.0304		0.0297		0.0294	
Barium-140	pCi/g	5.71	U	6.56	U	7.29	U
Barium-140 Uncertainty	pCi/g	3.27		3.52		4.1	
Beryllium-7	pCi/g	0.697	U	0.634	U	0.763	U
Beryllium-7 Uncertainty	pCi/g	0.435		0.391		0.461	
Beta Uncertainty	pCi/g	2.53		2		3.76	
Beta, Total	pCi/g	6.03		3.34	U	17.8	
Bismuth-212	pCi/g	0.556	U	0.549	U	0.537	U
Bismuth-212 Uncertainty	pCi/g	0.323		0.274		0.347	
Bismuth-214	pCi/g	1.11		0.738		0.154	UJ
Bismuth-214 Uncertainty	pCi/g	0.169		0.129		0.101	
Cerium-139	pCi/g	0.0451	U	0.0405	U	0.0445	U
Cerium-139 Uncertainty	pCi/g	0.0256		0.0227		0.0262	
Cerium-141	pCi/g	0.258	U	0.217	U	0.239	U
Cerium-141 Uncertainty	pCi/g	0.148		0.118		0.137	
Cerium-144	pCi/g	0.265	U	0.245	U	0.264	U
Cerium-144 Uncertainty	pCi/g	0.144		0.138		0.146	
Cesium-134	pCi/g	0.0454	U	0.0471	U	0.0544	U

Table 3: Location 6 Soil Sample Radionuclide Results

Radionuclides	Units	6-A	Remark	6-A Deep	Remark	6-B	Remark
Cesium-134 Uncertainty	pCi/g	0.0274		0.0259		0.0285	
Cesium-136	pCi/g	2.14	U	1.65	U	2.28	U
Cesium-136 Uncertainty	pCi/g	1.15		1.04		1.22	
Cesium-137	pCi/g	0.0398	U	0.0408	U	0.0482	U
Cesium-137 Uncertainty	pCi/g	0.0327		0.0203		0.0256	
Chromium-51	pCi/g	1.64	U	1.84	U	1.71	U
Chromium-51 Uncertainty	pCi/g	0.952		0.988		0.985	
Cobalt-56	pCi/g	0.0676	U	0.0623	U	0.0732	U
Cobalt-56 Uncertainty	pCi/g	0.0415		0.0365		0.0435	
Cobalt-57	pCi/g	0.0345	U	0.029	U	0.032	U
Cobalt-57 Uncertainty	pCi/g	0.0194		0.0168		0.0176	
Cobalt-58	pCi/g	0.0693	U	0.0639	U	0.0559	U
Cobalt-58 Uncertainty	pCi/g	0.042		0.0395		0.0377	
Cobalt-60	pCi/g	0.0394	U	0.0281	U	0.0479	U
Cobalt-60 Uncertainty	pCi/g	0.0252		0.0148		0.0257	
Europium-152	pCi/g	0.105	U	0.11	U	0.107	U
Europium-152 Uncertainty	pCi/g	0.0639		0.0639		0.0635	
Europium-154	pCi/g	0.117	U	0.085	U	0.103	U
Europium-154 Uncertainty	pCi/g	0.0697		0.0586		0.0634	
Europium-155	pCi/g	0.114	U	0.115	U	0.108	U
Europium-155 Uncertainty	pCi/g	0.0652		0.0634		0.0604	
Iridium-192	pCi/g	0.0667	U	0.0625	U	0.0718	U
Iridium-192 Uncertainty	pCi/g	0.0374		0.0367		0.0401	
Iron-59	pCi/g	0.187	U	0.192	U	0.191	U
Iron-59 Uncertainty	pCi/g	0.121		0.111		0.117	
Lead-210	pCi/g	3.31	U	4.17	U	6.49	U
Lead-210 Uncertainty	pCi/g	1.85		2.4		3.83	
Lead-212	pCi/g	0.0971		0.129		0.105	UJ
Lead-212 Uncertainty	pCi/g	0.0526		0.0485		0.0691	

Table 3: Location 6 Soil Sample Radionuclide Results

Radionuclides	Units	6-A	Remark	6-A Deep	Remark	6-B	Remark
Lead-214	pCi/g	1.31		0.741		0.151	UJ
Lead-214 Uncertainty	pCi/g	0.202		0.133		0.1	
Manganese-54	pCi/g	0.0429	U	0.0461	U	0.0468	U
Manganese-54 Uncertainty	pCi/g	0.0261		0.0274		0.0277	
Mercury-203	pCi/g	0.108	U	0.0961	U	0.0959	U
Mercury-203 Uncertainty	pCi/g	0.0611		0.0534		0.0529	
Neodymium-147	pCi/g	20	U	21.6	U	24	U
Neodymium-147 Uncertainty	pCi/g	11.1		11.7		14.5	
Neptunium-239	pCi/g	0.466	U	0.432	U	0.431	U
Neptunium-239 Uncertainty	pCi/g	0.266		0.24		0.24	
Niobium-94	pCi/g	0.0383	U	0.0386	U	0.0441	U
Niobium-94 Uncertainty	pCi/g	0.0232		0.0199		0.0241	
Niobium-95	pCi/g	0.0984	U	0.0897	U	0.0962	U
Niobium-95 Uncertainty	pCi/g	0.06		0.0509		0.0554	
Potassium-40	pCi/g	2.07		0.942		0.675	
Potassium-40 Uncertainty	pCi/g	0.66		0.449		0.447	
Promethium-144	pCi/g	0.0409	U	0.0383	U	0.0425	U
Promethium-144 Uncertainty	pCi/g	0.0351		0.0236		0.0242	
Promethium-146	pCi/g	0.0448	U	0.0414	U	0.0444	U
Promethium-146 Uncertainty	pCi/g	0.0262		0.025		0.0262	
Radium-228	pCi/g	0.133	UJ	0.197	U	0.288	
Radium-228 Uncertainty	pCi/g	0.173		0.108		0.171	
Ruthenium-106	pCi/g	0.35	U	0.321	U	0.419	U
Ruthenium-106 Uncertainty	pCi/g	0.203		0.187		0.224	
Silver-110m	pCi/g	0.0618	U	0.0563	U	0.0553	U
Silver-110m Uncertainty	pCi/g	0.0349		0.0327		0.0302	
Sodium-22	pCi/g	0.0421	U	0.0307	U	0.0369	U
Sodium-22 Uncertainty	pCi/g	0.0252		0.0208		0.0229	
Thallium-208	pCi/g	0.0427		0.0393	U	0.0366	UJ

Table 3: Location 6 Soil Sample Radionuclide Results

Radionuclides	Units	6-A	Remark	6-A Deep	Remark	6-B	Remark
Thallium-208 Uncertainty	pCi/g	0.0395		0.0366		0.0407	
Thorium-234	pCi/g	1.43	U	1.64	U	2.03	U
Thorium-234 Uncertainty	pCi/g	0.996		1.12		1.05	
Tin-113	pCi/g	0.0711	U	0.0677	U	0.0747	U
Tin-113 Uncertainty	pCi/g	0.0401		0.0379		0.0405	
Uranium-235	pCi/g	0.251	U	0.224	U	0.236	U
Uranium-235 Uncertainty	pCi/g	0.142		0.123		0.137	
Uranium-238	pCi/g	1.43	U	1.64	U	2.03	U
Uranium-238 Uncertainty	pCi/g	0.996		1.12		1.05	
Yttrium-88	pCi/g	0.0535	U	0.0556	U	0.0658	U
Yttrium-88 Uncertainty	pCi/g	0.0329		0.032		0.0392	
Zinc-65	pCi/g	0.112	U	0.0916	U	0.105	U
Zinc-65 Uncertainty	pCi/g	0.07		0.0603		0.0679	
Zirconium-95	pCi/g	0.141	U	0.135	U	0.166	U
Zirconium-95 Uncertainty	pCi/g	0.0792		0.0739		0.0846	

Location 7

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

Analyte	Residential SCTL	7-A	7-A Deep	7-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 7 Soil Sample Chemical Results

Volatile Organic Compounds	Units	7-A	MDL	Remark	7-A Deep	MDL	Remark	7-B	MDL	Remark
1,1,1-Trichloroethane	ug/kg	4.7	4.7	U	4.5	4.5	U	4.7	4.7	U
1,1,2,2-Tetrachloroethane	ug/kg	12	12	UJ	11	11	UJ	12	12	UJ
1,1,2-Trichloroethane	ug/kg	4.7	4.7	U	4.5	4.5	U	4.7	4.7	U
1,1-Dichloroethane	ug/kg	4.7	4.7	U	4.5	4.5	U	4.7	4.7	U
1,1-Dichloroethene	ug/kg	12	12	U	11	11	U	12	12	U
1,2-Dichlorobenzene	ug/kg	12	12	U	11	11	U	12	12	U
1,2-Dichloroethane	ug/kg	4.7	4.7	U	4.5	4.5	U	4.7	4.7	U
1,2-Dichloropropane	ug/kg	12	12	U	11	11	U	12	12	U
1,3-Dichlorobenzene	ug/kg	12	12	U	11	11	U	12	12	U
1,4-Dichlorobenzene	ug/kg	12	12	U	11	11	U	12	12	U
2-Butanone	ug/kg	120	120	U	110	110	U	120	120	U
2-Chloroethylvinyl ether	ug/kg	12	12	U	11	11	U	12	12	U
Benzene	ug/kg	4.7	4.7	U	4.5	4.5	U	4.7	4.7	U
Bromodichloromethane	ug/kg	4.7	4.7	U	4.5	4.5	U	4.7	4.7	U
Bromoform	ug/kg	12	12	UJ	11	11	UJ	12	12	UJ
Bromomethane	ug/kg	12	12	U	11	11	U	12	12	U
Carbon tetrachloride	ug/kg	4.7	4.7	U	4.5	4.5	U	4.7	4.7	U
Chlorobenzene	ug/kg	4.7	4.7	U	4.5	4.5	U	4.7	4.7	U
Chloroethane	ug/kg	12	12	U	11	11	U	12	12	U
Chloroform	ug/kg	4.7	4.7	U	4.5	4.5	U	4.7	4.7	U
Chloromethane	ug/kg	12	12	U	11	11	U	12	12	U
cis-1,2-Dichloroethene	ug/kg	12	12	U	11	11	U	12	12	U
cis-1,3-Dichloropropene	ug/kg	12	12	U	11	11	UJ	12	12	UJ
Dibromochloromethane	ug/kg	4.7	4.7	U	4.5	4.5	U	4.7	4.7	U
Ethylbenzene	ug/kg	12	12	U	11	11	U	12	12	U
m,p-Xylene	ug/kg	12	12	U	11	11	U	12	12	U
Methylene chloride	ug/kg	12	12	U	11	11	U	12	12	U
Methyl-t-butyl ether	ug/kg	12	12	U	11	11	U	12	12	U
o-Xylene	ug/kg	4.7	4.7	U	4.5	4.5	U	4.7	4.7	U

Table 2: Location 7 Soil Sample Chemical Results

Volatile Organic Compounds	Units	7-A	MDL	Remark	7-A Deep	MDL	Remark	7-B	MDL	Remark
Tetrachloroethene	ug/kg	12	12	U	11	11	U	12	12	U
Toluene	ug/kg	12	12	U	11	11	U	12	12	U
trans-1,2-Dichloroethene	ug/kg	12	12	U	11	11	U	12	12	U
trans-1,3-Dichloropropene	ug/kg	4.7	4.7	U	4.5	4.5	U	4.7	4.7	U
Trichloroethene	ug/kg	4.7	4.7	U	4.5	4.5	U	4.7	4.7	U
Trichlorofluoromethane	ug/kg	12	12	U	11	11	U	12	12	U
Vinyl chloride	ug/kg	12	12	U	11	11	U	12	12	U
Semi-Volatile Organic Compounds	Units	7-A	MDL	Remark	7-A Deep	MDL	Remark	7-B	MDL	Remark
1,2,4-Trichlorobenzene	ug/kg	220	220	U	200	200	U	200	200	U
1-Methylnaphthalene	ug/kg	8.2	8.2	U	7.4	7.4	U	7.4	7.4	UQ
1-Methylphenanthrene	ug/kg	8.2	8.2	U	7.4	7.4	U	7.4	7.4	U
2,3,5-Trimethylnaphthalene	ug/kg	8.2	8.2	U	7.4	7.4	U	7.4	7.4	UQ
2,4,6-Trichlorophenol	ug/kg	74	74	U	67	67	U	66	66	U
2,4-Dichlorophenol	ug/kg	74	74	U	67	67	U	66	66	U
2,4-Dimethylphenol	ug/kg	440	440	U	400	400	U	400	400	U
2,4-Dinitrophenol	ug/kg	440	440	U	400	400	U	400	400	U
2,4-Dinitrotoluene	ug/kg	74	74	U	67	67	U	66	66	U
2,6-Dimethylnaphthalene	ug/kg	8.2	8.2	U	7.4	7.4	U	7.4	7.4	UQ
2,6-Dinitrotoluene	ug/kg	74	74	U	67	67	U	66	66	U
2-Chloronaphthalene	ug/kg	74	74	U	67	67	U	66	66	U
2-Chlorophenol	ug/kg	220	220	U	200	200	U	200	200	U
2-Methyl-4,6-dinitrophenol	ug/kg	74	74	U	67	67	U	66	66	U
2-Methylnaphthalene	ug/Kg	8.2	8.2	U	7.4	7.4	U	7.4	7.4	UQ
2-Nitrophenol	ug/kg	74	74	U	67	67	U	66	66	U
3,3'-Dichlorobenzidine	ug/kg	4400	4400	U	4000	4000	U	4000	4000	U
4-Bromophenyl phenyl ether	ug/kg	74	74	U	67	67	U	66	66	U
4-Chloro-3-methylphenol	ug/kg	74	74	U	67	67	U	66	66	U
4-Chlorophenyl phenyl ether	ug/kg	74	74	U	67	67	U	66	66	U
4-Nitrophenol	ug/kg	74	74	U	67	67	U	66	66	U

Table 2: Location 7 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	7-A	MDL	Remark	7-A Deep	MDL	Remark	7-B	MDL	Remark
Acenaphthene	ug/kg	8.2	8.2	U	7.4	7.4	U	7.4	7.4	U
Acenaphthylene	ug/kg	8.2	8.2	U	7.4	7.4	U	7.4	7.4	U
Anthracene	ug/kg	8.2	8.2	U	7.4	7.4	U	7.4	7.4	U
Azobenzene/1,2-Diphenylhydrazine	ug/kg	74	74	U	67	67	U	66	66	U
Benzidine	ug/kg	1600	1600	UJ	1300	1300	UJ	1300	1300	UJ
Benzo(a)anthracene	ug/kg	8.2	8.2	U	7.4	7.4	U	7.4	7.4	U
Benzo(a)pyrene	ug/kg	8.2	8.2	U	7.4	7.4	U	7.4	7.4	U
Benzo(b)fluoranthene	ug/kg	8.2	8.2	U	7.4	7.4	U	7.4	7.4	U
Benzo(g,h,i)perylene	ug/kg	8.2	8.2	U	7.4	7.4	U	7.4	7.4	U
Benzo(k)fluoranthene	ug/kg	8.2	8.2	U	7.4	7.4	U	7.4	7.4	U
Biphenyl	ug/kg	8.2	8.2	U	7.4	7.4	U	7.4	7.4	U
Bis(2-chloroethoxy)methane	ug/kg	74	74	U	67	67	U	66	66	U
Bis(2-chloroethyl)ether	ug/kg	74	74	U	67	67	U	66	66	U
Bis(2-chloroisopropyl)ether	ug/kg	74	74	U	67	67	U	66	66	U
Bis(2-ethylhexyl)phthalate	ug/kg	440	440	UJ	400	400	UJ	450	400	IQ
Butyl benzyl phthalate	ug/kg	74	74	U	67	67	U	66	66	U
Chrysene	ug/kg	8.2	8.2	U	7.4	7.4	U	7.4	7.4	U
Dibenzo(a,h)anthracene	ug/kg	8.2	8.2	U	7.4	7.4	U	7.4	7.4	U
Dibenzothiophene	ug/kg	8.2	8.2	U	7.4	7.4	U	7.4	7.4	U
Diethyl phthalate	ug/kg	74	74	U	67	67	U	66	66	U
Dimethyl phthalate	ug/kg	74	74	U	67	67	U	66	66	U
Di-n-butyl phthalate	ug/kg	440	440	U	400	400	U	400	400	U
Di-n-octyl phthalate	ug/kg	74	74	U	67	67	U	66	66	U
Fluoranthene	ug/kg	8.2	8.2	U	7.4	7.4	U	7.4	7.4	U
Fluorene	ug/kg	8.2	8.2	U	7.4	7.4	U	7.4	7.4	UQ
Hexachlorobenzene	ug/kg	74	74	U	67	67	U	66	66	U
Hexachlorobutadiene	ug/kg	220	220	U	200	200	U	200	200	U
Hexachlorocyclopentadiene	ug/kg	74	74	U	67	67	U	66	66	U
Hexachloroethane	ug/kg	220	220	U	200	200	U	200	200	U

Table 2: Location 7 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	7-A	MDL	Remark	7-A Deep	MDL	Remark	7-B	MDL	Remark
Indeno(1,2,3-cd)pyrene	ug/kg	8.2	8.2	U	7.4	7.4	U	7.4	7.4	U
Isophorone	ug/kg	74	74	U	67	67	U	66	66	U
Naphthalene	ug/kg	8.2	8.2	U	7.4	7.4	U	7.4	7.4	U
Nitrobenzene	ug/kg	74	74	U	67	67	U	66	66	U
N-Nitrosodimethylamine	ug/kg	440	440	U	400	400	U	400	400	U
N-Nitrosodi-n-propylamine	ug/kg	74	74	U	67	67	U	66	66	U
N-Nitrosodiphenylamine/ Diphenylamine	ug/kg	74	74	U	67	67	U	66	66	U
Pentachlorophenol	ug/kg	74	74	U	67	67	U	66	66	U
Phenanthrene	ug/kg	8.2	8.2	U	7.4	7.4	U	7.4	7.4	U
Phenol	ug/kg	74	74	U	67	67	U	66	66	U
Pyrene	ug/kg	8.2	8.2	U	7.4	7.4	U	7.4	7.4	U
TRPH	mg/kg	16	13	I	12	12	U	11	11	U
Pesticides/Herbicides/PCBs	Units	7-A	MDL	Remark	7-A Deep	MDL	Remark	7-B	MDL	Remark
2,4,5-T	ug/kg	8	8	U						
2,4-D	ug/kg	8	8	U						
3-Hydroxycarbofuran	ug/kg	0.61	0.61	UJ						
Acifluorfen	ug/kg	8	8	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 7 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	7-A	MDL	Remark	7-A Deep	MDL	Remark	7-B	MDL	Remark
Silvex	ug/kg	8	8	U						
Alachlor	ug/kg	12	12	U	11	11	U	11	11	U
Aldrin	ug/Kg	0.41	0.41	U	0.37	0.37	U	0.37	0.37	U
Alpha-BHC	ug/Kg	0.41	0.41	U	0.37	0.37	U	0.37	0.37	U
Ametryn	ug/kg	2	2	U	1.9	1.9	U	1.8	1.8	U
Atrazine	ug/kg	2	2	U	1.9	1.9	U	1.8	1.8	U
Azinphos Methyl	ug/kg	6.1	6.1	UJ	5.6	5.6	UJ	5.5	5.5	UJ
Beta-BHC	ug/Kg	0.41	0.41	U	0.37	0.37	U	0.37	0.37	U
Bromacil	ug/kg	8.2	8.2	U	7.4	7.4	U	7.4	7.4	U
Chlordane	ug/Kg	6.1	6.1	U	5.6	5.6	U	5.5	5.5	U
Chlorpyrifos Ethyl	ug/kg	11	2		1.9	1.9	U	19	1.8	
Chlorpyrifos Methyl	ug/kg	4.1	4.1	U	3.7	3.7	U	3.7	3.7	U
DDD-p,p'	ug/Kg	0.82	0.82	U	0.74	0.74	U	0.74	0.74	U
DDE-p,p'	ug/Kg	0.82	0.82	U	0.74	0.74	U	0.74	0.74	U
DDT-p,p'	ug/Kg	1.2	1.2	U	1.1	1.1	U	1.1	1.1	U
Delta-BHC	ug/Kg	0.82	0.82	U	0.74	0.74	U	0.74	0.74	U
Diazinon	ug/kg	2.5	2	I	1.9	1.9	U	1.8	1.8	U
Dieldrin	ug/Kg	0.41	0.41	U	0.37	0.37	U	0.37	0.37	U
Endosulfan I	ug/Kg	0.41	0.41	U	0.37	0.37	U	0.37	0.37	U
Endosulfan II	ug/Kg	0.41	0.41	U	0.37	0.37	U	0.37	0.37	U
Endosulfan Sulfate	ug/Kg	0.82	0.82	U	0.74	0.74	U	0.74	0.74	U
Endrin	ug/Kg	2	2	U	1.9	1.9	U	1.8	1.8	U
Endrin Aldehyde	ug/Kg	0.82	0.82	U	0.74	0.74	U	0.74	0.74	U
Ethion	ug/kg	2	2	U	1.9	1.9	U	1.8	1.8	U
Ethoprop	ug/kg	2	2	U	1.9	1.9	U	1.8	1.8	U
Fenamiphos	ug/kg	8.2	8.2	U	7.4	7.4	U	7.4	7.4	U
Fonofos	ug/kg	2	2	U	1.9	1.9	U	1.8	1.8	U
Gamma-BHC	ug/Kg	0.41	0.41	U	0.37	0.37	U	0.37	0.37	U
Heptachlor	ug/Kg	0.41	0.41	U	0.37	0.37	U	0.37	0.37	U

Table 2: Location 7 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	7-A	MDL	Remark	7-A Deep	MDL	Remark	7-B	MDL	Remark
Heptachlor Epoxide	ug/kg	0.41	0.41	U	0.37	0.37	U	0.37	0.37	U
Hexazinone	ug/kg	4.1	4.1	U	3.7	3.7	U	3.7	3.7	U
Malathion	ug/kg	4.1	4.1	U	3.7	3.7	U	3.7	3.7	U
Methamidophos	ug/kg	20	20	U	19	19	U	18	18	U
Methoxychlor	ug/kg	2	2	U	1.9	1.9	U	1.8	1.8	U
Metolachlor	ug/kg	12	12	U	11	11	U	11	11	U
Metribuzin	ug/kg	4.1	4.1	U	3.7	3.7	U	3.7	3.7	U
Mevinphos	ug/kg	8.2	8.2	U	7.4	7.4	U	7.4	7.4	U
Monocrotophos	ug/kg	20	20	U	19	19	U	18	18	U
Naled	ug/kg	16	16	U	15	15	U	15	15	U
Norflurazon	ug/kg	4.1	4.1	U	3.7	3.7	U	3.7	3.7	U
Parathion Ethyl	ug/kg	4.1	4.1	U	3.7	3.7	U	3.7	3.7	U
Parathion Methyl	ug/kg	4.1	4.1	U	3.7	3.7	U	3.7	3.7	U
PCB-1016	ug/Kg	12	12	U	11	11	U	11	11	U
PCB-1221	ug/Kg	8.2	8.2	U	7.4	7.4	U	7.4	7.4	U
PCB-1232	ug/Kg	18	18	U	17	17	U	17	17	U
PCB-1242	ug/Kg	12	12	U	11	11	U	11	11	U
PCB-1248	ug/Kg	8.2	8.2	U	7.4	7.4	U	7.4	7.4	U
PCB-1254	ug/Kg	8.2	8.2	U	7.4	7.4	U	7.4	7.4	U
PCB-1260	ug/Kg	12	12	U	11	11	U	11	11	U
Phorate	ug/kg	2	2	U	1.9	1.9	U	1.8	1.8	U
Prometryn	ug/kg	4.1	4.1	U	3.7	3.7	U	3.7	3.7	U
Simazine	ug/kg	2	2	U	1.9	1.9	U	1.8	1.8	U
Toxaphene	ug/Kg	31	31	U	28	28	U	28	28	U
Diquat	mg/Kg	0.057	0.057	U						
Paraquat	mg/Kg	0.071	0.071	U						
Metals	Units	7-A	MDL	Remark	7-A Deep	MDL	Remark	7-B	MDL	Remark
Mercury	mg/Kg	0.022	0.005		0.0095	0.0043	I	0.014	0.0037	I
Antimony	mg/Kg	0.15	0.15	U	0.14	0.14	U	0.13	0.13	U

Table 2: Location 7 Soil Sample Chemical Results

Metals	Units	7-A	MDL	Remark	7-A Deep	MDL	Remark	7-B	MDL	Remark
Arsenic	mg/Kg	1.38	0.061		1.42	0.055		0.58	0.054	AJ
Barium	mg/Kg	9.76	0.061		8.5	0.055		7.6	0.054	A
Beryllium	mg/Kg	0.136	0.024		0.169	0.022		0.098	0.021	A
Cadmium	mg/Kg	0.11	0.031	I	0.03	0.027	I	0.03	0.027	I
Chromium	mg/Kg	5.48	0.15		6.43	0.14		4.3	0.13	A
Cobalt	mg/Kg	0.672	0.012		0.687	0.011		0.479	0.011	A
Copper	mg/Kg	17.4	0.15		2.46	0.14		8.2	0.13	A
Lead	mg/Kg	3.43	0.23		2.63	0.2		2.28	0.2	A
Nickel	mg/Kg	2.1	0.15		2.23	0.14		1.46	0.13	A
Selenium	mg/Kg	0.34	0.092	I	0.28	0.082	I	0.19	0.081	I
Silver	mg/Kg	0.023	0.0076	I	0.0087	0.0068	I	0.01	0.0067	I
Thallium	mg/Kg	0.049	0.031	I	0.032	0.027	I	0.027	0.027	U
Zinc	mg/Kg	24.2	1.2		3.7	1.1	I	13.3	1.1	A
Dioxins/Furans	Units	7-A	MDL	Remark	7-A Deep	MDL	Remark	7-B	MDL	Remark
1,2,3,4,6,7,8-HpCDD	ng/Kg	2.03	3.48	I						
1,2,3,4,6,7,8-HpCDF	ng/Kg	0.356	3.48	II						
1,2,3,4,7,8,9-HpCDF	ng/Kg	0.154	3.48	U						
1,2,3,4,7,8-HxCDD	ng/Kg	0.0982	3.48	U						
1,2,3,4,7,8-HxCDF	ng/Kg	0.087	3.48	U						
1,2,3,6,7,8-HxCDD	ng/Kg	0.0879	3.48	U						
1,2,3,6,7,8-HxCDF	ng/Kg	0.0843	3.48	U						
1,2,3,7,8,9-HxCDD	ng/Kg	0.0954	3.48	U						
1,2,3,7,8,9-HxCDF	ng/Kg	0.107	3.48	U						
1,2,3,7,8-PeCDD	ng/Kg	0.166	3.48	U						
1,2,3,7,8-PeCDF	ng/Kg	0.0765	3.48	U						
2,3,4,6,7,8-HxCDF	ng/Kg	0.0956	3.48	U						
2,3,4,7,8-PeCDF	ng/Kg	0.0749	3.48	U						
2,3,7,8-TCDD	ng/Kg	0.0914	1.39	U						
2,3,7,8-TCDF	ng/Kg	0.107	1.39	U						

Table 2: Location 7 Soil Sample Chemical Results

Dioxins/Furans	Units	7-A	MDL	Remark	7-A Deep	MDL	Remark	7-B	MDL	Remark
OCDD	ng/Kg	12.8	6.95	V						
OCDF	ng/Kg	0.748	6.95	I						
Total Hepta-Dioxins	ng/Kg	2.03	3.48	I						
Total Hepta-Furans	ng/Kg	0.418	3.48	I						
Total Hexa-Dioxins	ng/Kg	0.24	3.48	I						
Total Hexa-Furans	ng/Kg	0.0843	3.48	U						
Total Penta-Dioxins	ng/Kg	0.166	3.48	U						
Total Penta-Furans	ng/Kg	0.0749	3.48	U						
Total Tetra-Dioxins	ng/Kg	0.0914	1.39	U						
Total Tetra-Furans	ng/Kg	0.456	1.39	I						
Calculated Total Toxicity (TEQ)	Units	7-A			7-A Deep			7-B		
Dioxins as total 2,3,7,8-TCDD	ng/Kg	0.213								
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 7 Soil Sample Radionuclide Results

Radionuclides	Units	7-A	Remark	7-A Deep	Remark	7-B	Remark
Actinium-228	pCi/g	0.249	U	0.259		0.206	U
Actinium-228 Uncertainty	pCi/g	0.165		0.128		0.156	
Alpha Uncertainty	pCi/g	2.29		2.78		2.06	
Alpha, Total	pCi/g	3.67		4.99		2.81	
Americium-241	pCi/g	0.177	U	0.111	U	0.0375	U
Americium-241 Uncertainty	pCi/g	0.0989		0.0579		0.0208	
Antimony-124	pCi/g	0.238	U	0.139	U	0.149	U
Antimony-124 Uncertainty	pCi/g	0.115		0.0748		0.0914	
Antimony-125	pCi/g	0.117	U	0.0806	U	0.0861	U
Antimony-125 Uncertainty	pCi/g	0.0678		0.051		0.0462	
Barium-133	pCi/g	0.0458	U	0.0388	U	0.0376	U
Barium-133 Uncertainty	pCi/g	0.0322		0.0243		0.0269	
Barium-140	pCi/g	9.05	U	7.89	U	8.53	U
Barium-140 Uncertainty	pCi/g	5.16		4.35		4.85	
Beryllium-7	pCi/g	0.846	U	0.619	U	0.648	U
Beryllium-7 Uncertainty	pCi/g	0.515		0.36		0.388	
Beta Uncertainty	pCi/g	1.91		1.72		2.37	
Beta, Total	pCi/g	2.81	U	3	U	4.12	
Bismuth-212	pCi/g	0.583	U	0.487	UJ	0.49	U
Bismuth-212 Uncertainty	pCi/g	0.343		0.462		0.278	
Bismuth-214	pCi/g	0.343		0.309		0.338	
Bismuth-214 Uncertainty	pCi/g	0.0946		0.0935		0.0932	
Cerium-139	pCi/g	0.0444	U	0.0399	U	0.0339	U
Cerium-139 Uncertainty	pCi/g	0.0243		0.0219		0.0183	
Cerium-141	pCi/g	0.286	U	0.231	U	0.183	U
Cerium-141 Uncertainty	pCi/g	0.156		0.121		0.0973	
Cerium-144	pCi/g	0.239	U	0.215	U	0.163	U
Cerium-144 Uncertainty	pCi/g	0.146		0.115		0.0888	
Cesium-134	pCi/g	0.0544	U	0.042	U	0.0465	U

Table 3: Location 7 Soil Sample Radionuclide Results

Radionuclides	Units	7-A	Remark	7-A Deep	Remark	7-B	Remark
Cesium-134 Uncertainty	pCi/g	0.0282		0.0235		0.0247	
Cesium-136	pCi/g	2.14	U	2.23	U	2.02	U
Cesium-136 Uncertainty	pCi/g	1.53		1.31		1.44	
Cesium-137	pCi/g	0.0544	U	0.0332	U	0.0707	
Cesium-137 Uncertainty	pCi/g	0.0282		0.0183		0.0417	
Chromium-51	pCi/g	2.13	U	1.73	U	1.5	U
Chromium-51 Uncertainty	pCi/g	1.24		0.935		0.862	
Cobalt-56	pCi/g	0.0781	U	0.0687	U	0.0586	U
Cobalt-56 Uncertainty	pCi/g	0.0412		0.0378		0.0378	
Cobalt-57	pCi/g	0.0333	U	0.0287	U	0.0199	U
Cobalt-57 Uncertainty	pCi/g	0.0185		0.0162		0.0114	
Cobalt-58	pCi/g	0.0799	U	0.0566	U	0.0725	U
Cobalt-58 Uncertainty	pCi/g	0.0468		0.0331		0.0387	
Cobalt-60	pCi/g	0.0385	U	0.0307	U	0.0345	U
Cobalt-60 Uncertainty	pCi/g	0.0219		0.0147		0.0224	
Europium-152	pCi/g	0.112	U	0.0934	U	0.0875	U
Europium-152 Uncertainty	pCi/g	0.0698		0.0605		0.0522	
Europium-154	pCi/g	0.102	U	0.0903	U	0.0952	U
Europium-154 Uncertainty	pCi/g	0.072		0.0537		0.0585	
Europium-155	pCi/g	0.12	U	0.102	U	0.0681	U
Europium-155 Uncertainty	pCi/g	0.07		0.0554		0.0351	
Iridium-192	pCi/g	0.0733	U	0.0598	U	0.0546	U
Iridium-192 Uncertainty	pCi/g	0.0435		0.0338		0.0296	
Iron-59	pCi/g	0.168	U	0.178	U	0.176	U
Iron-59 Uncertainty	pCi/g	0.134		0.104		0.0958	
Lead-210	pCi/g	4.28	U	2.83	U	0.438	
Lead-210 Uncertainty	pCi/g	2.66		1.58		0.306	
Lead-212	pCi/g	0.138		0.191		0.191	
Lead-212 Uncertainty	pCi/g	0.0754		0.0512		0.0509	

Table 3: Location 7 Soil Sample Radionuclide Results

Radionuclides	Units	7-A	Remark	7-A Deep	Remark	7-B	Remark
Lead-214	pCi/g	0.158	UJ	0.451		0.301	
Lead-214 Uncertainty	pCi/g	0.107		0.103		0.0924	
Manganese-54	pCi/g	0.0554	U	0.0343	U	0.042	U
Manganese-54 Uncertainty	pCi/g	0.029		0.0203		0.025	
Mercury-203	pCi/g	0.107	U	0.0913	U	0.0771	U
Mercury-203 Uncertainty	pCi/g	0.0645		0.0519		0.0473	
Neodymium-147	pCi/g	37.2	U	27	U	25.5	U
Neodymium-147 Uncertainty	pCi/g	19.1		15.6		15.3	
Neptunium-239	pCi/g	0.428	U	0.377	U	0.251	U
Neptunium-239 Uncertainty	pCi/g	0.239		0.236		0.139	
Niobium-94	pCi/g	0.0416	U	0.0283	U	0.0324	U
Niobium-94 Uncertainty	pCi/g	0.0225		0.0164		0.0181	
Niobium-95	pCi/g	0.106	U	0.0779	U	0.0825	U
Niobium-95 Uncertainty	pCi/g	0.0608		0.0431		0.0465	
Potassium-40	pCi/g	0.958		0.53		0.581	U
Potassium-40 Uncertainty	pCi/g	0.484		0.289		0.314	
Promethium-144	pCi/g	0.0457	U	0.0321	U	0.0306	U
Promethium-144 Uncertainty	pCi/g	0.027		0.0223		0.0194	
Promethium-146	pCi/g	0.0453	U	0.0392	U	0.0387	U
Promethium-146 Uncertainty	pCi/g	0.0272		0.0225		0.0232	
Radium-228	pCi/g	0.249	U	0.259		0.206	U
Radium-228 Uncertainty	pCi/g	0.165		0.128		0.156	
Ruthenium-106	pCi/g	0.414	U	0.278	U	0.321	U
Ruthenium-106 Uncertainty	pCi/g	0.213		0.178		0.182	
Silver-110m	pCi/g	0.0654	U	0.0431	U	0.0665	U
Silver-110m Uncertainty	pCi/g	0.0383		0.0269		0.0344	
Sodium-22	pCi/g	0.0368	U	0.033	U	0.0349	U
Sodium-22 Uncertainty	pCi/g	0.0242		0.0196		0.0214	
Thallium-208	pCi/g	0.0642		0.0889		0.0454	

Table 3: Location 7 Soil Sample Radionuclide Results

Radionuclides	Units	7-A	Remark	7-A Deep	Remark	7-B	Remark
Thallium-208 Uncertainty	pCi/g	0.0481		0.0454		0.0332	
Thorium-234	pCi/g	1.62	U	1.24	U	0.519	U
Thorium-234 Uncertainty	pCi/g	0.905		0.646		0.271	
Tin-113	pCi/g	0.072	U	0.0651	U	0.0624	U
Tin-113 Uncertainty	pCi/g	0.0429		0.0362		0.0328	
Uranium-235	pCi/g	0.255	U	0.202	U	0.148	U
Uranium-235 Uncertainty	pCi/g	0.141		0.113		0.0864	
Uranium-238	pCi/g	1.62	U	1.24	U	0.519	U
Uranium-238 Uncertainty	pCi/g	0.905		0.646		0.271	
Yttrium-88	pCi/g	0.0564	U	0.0498	U	0.0471	U
Yttrium-88 Uncertainty	pCi/g	0.047		0.0291		0.0253	
Zinc-65	pCi/g	0.0998	U	0.0841	U	0.0897	U
Zinc-65 Uncertainty	pCi/g	0.0841		0.0594		0.0509	
Zirconium-95	pCi/g	0.167	U	0.114	U	0.124	U
Zirconium-95 Uncertainty	pCi/g	0.0902		0.0706		0.0716	

Location 8

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

Analyte	Residential SCTL	8-A	8-A Deep	8-B
Exceedances				
Arsenic	2.1 mg/Kg	2.61	5.04	1.23

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 8 Soil Sample Chemical Results

Volatile Organic Compounds	Units	8-A	MDL	Remark	8-A Deep	MDL	Remark	8-B	MDL	Remark
1,1,1-Trichloroethane	ug/kg	4.4	4.4	U	4.2	4.2	U	5.2	5.2	U
1,1,2,2-Tetrachloroethane	ug/kg	11	11	UJ	11	11	UJ	13	13	UJ
1,1,2-Trichloroethane	ug/kg	4.4	4.4	U	4.2	4.2	U	5.2	5.2	U
1,1-Dichloroethane	ug/kg	4.4	4.4	U	4.2	4.2	U	5.2	5.2	U
1,1-Dichloroethene	ug/kg	11	11	U	11	11	U	13	13	U
1,2-Dichlorobenzene	ug/kg	11	11	U	11	11	U	13	13	U
1,2-Dichloroethane	ug/kg	4.4	4.4	U	4.2	4.2	U	5.2	5.2	U
1,2-Dichloropropane	ug/kg	11	11	U	11	11	U	13	13	U
1,3-Dichlorobenzene	ug/kg	11	11	U	11	11	U	13	13	U
1,4-Dichlorobenzene	ug/kg	11	11	U	11	11	U	13	13	U
2-Butanone	ug/kg	110	110	U	110	110	U	130	130	U
2-Chloroethylvinyl ether	ug/kg	11	11	U	11	11	U	13	13	U
Benzene	ug/kg	4.4	4.4	U	4.2	4.2	U	5.2	5.2	U
Bromodichloromethane	ug/kg	4.4	4.4	U	4.2	4.2	U	5.2	5.2	U
Bromoform	ug/kg	11	11	UJ	11	11	UJ	13	13	UJ
Bromomethane	ug/kg	11	11	U	11	11	U	13	13	U
Carbon tetrachloride	ug/kg	4.4	4.4	UJ	4.2	4.2	UJ	5.2	5.2	UJ
Chlorobenzene	ug/kg	4.4	4.4	U	4.2	4.2	U	5.2	5.2	U
Chloroethane	ug/kg	11	11	U	11	11	U	13	13	U
Chloroform	ug/kg	4.4	4.4	U	4.2	4.2	U	5.2	5.2	U
Chloromethane	ug/kg	11	11	U	11	11	U	13	13	U
cis-1,2-Dichloroethene	ug/kg	11	11	U	11	11	U	13	13	U
cis-1,3-Dichloropropene	ug/kg	11	11	UJ	11	11	UJ	13	13	UJ
Dibromochloromethane	ug/kg	4.4	4.4	U	4.2	4.2	U	5.2	5.2	U
Ethylbenzene	ug/kg	11	11	U	11	11	U	13	13	U
m,p-Xylene	ug/kg	11	11	U	11	11	U	13	13	U
Methylene chloride	ug/kg	11	11	UJ	11	11	UJ	13	13	UJ
Methyl-t-butyl ether	ug/kg	11	11	U	11	11	U	13	13	U
o-Xylene	ug/kg	4.4	4.4	U	4.2	4.2	U	5.2	5.2	U

Table 2: Location 8 Soil Sample Chemical Results

Volatile Organic Compounds	Units	8-A	MDL	Remark	8-A Deep	MDL	Remark	8-B	MDL	Remark
Tetrachloroethene	ug/kg	11	11	U	11	11	U	13	13	U
Toluene	ug/kg	11	11	U	11	11	U	13	13	U
trans-1,2-Dichloroethene	ug/kg	11	11	U	11	11	U	13	13	U
trans-1,3-Dichloropropene	ug/kg	4.4	4.4	U	4.2	4.2	U	5.2	5.2	U
Trichloroethene	ug/kg	4.4	4.4	U	4.2	4.2	U	5.2	5.2	U
Trichlorofluoromethane	ug/kg	11	11	U	11	11	U	13	13	U
Vinyl chloride	ug/kg	11	11	U	11	11	U	13	13	U
Semi-Volatile Organic Compounds	Units	8-A	MDL	Remark	8-A Deep	MDL	Remark	8-B	MDL	Remark
1,2,4-Trichlorobenzene	ug/kg	190	190	U	190	190	U	240	240	U
1-Methylnaphthalene	ug/kg	6.7	6.7	UJQ	7	7	U	8.8	8.8	U
1-Methylphenanthrene	ug/kg	6.7	6.7	UJQ	7	7	U	8.8	8.8	U
2,3,5-Trimethylnaphthalene	ug/kg	6.7	6.7	UJQ	7	7	U	8.8	8.8	U
2,4,6-Trichlorophenol	ug/kg	65	65	U	63	63	U	79	79	U
2,4-Dichlorophenol	ug/kg	65	65	U	63	63	U	79	79	U
2,4-Dimethylphenol	ug/kg	390	390	UJ	380	380	U	470	470	U
2,4-Dinitrophenol	ug/kg	390	390	U	380	380	U	470	470	U
2,4-Dinitrotoluene	ug/kg	65	65	U	63	63	U	79	79	U
2,6-Dimethylnaphthalene	ug/kg	6.7	6.7	UJQ	7	7	U	8.8	8.8	U
2,6-Dinitrotoluene	ug/kg	65	65	U	63	63	U	79	79	U
2-Chloronaphthalene	ug/kg	65	65	U	63	63	U	79	79	U
2-Chlorophenol	ug/kg	190	190	U	190	190	U	240	240	U
2-Methyl-4,6-dinitrophenol	ug/kg	65	65	UJ	63	63	U	79	79	U
2-Methylnaphthalene	ug/Kg	6.7	6.7	UJQ	7	7	U	8.8	8.8	U
2-Nitrophenol	ug/kg	65	65	U	63	63	U	79	79	U
3,3'-Dichlorobenzidine	ug/kg	3900	3900	UJ	3800	3800	UJ	4700	4700	UJ
4-Bromophenyl phenyl ether	ug/kg	65	65	UJ	63	63	U	79	79	U
4-Chloro-3-methylphenol	ug/kg	65	65	U	63	63	U	79	79	U
4-Chlorophenyl phenyl ether	ug/kg	65	65	U	63	63	U	79	79	U
4-Nitrophenol	ug/kg	65	65	U	63	63	U	79	79	U

Table 2: Location 8 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	8-A	MDL	Remark	8-A Deep	MDL	Remark	8-B	MDL	Remark
Acenaphthene	ug/kg	7.2	7.2	U	7	7	U	8.8	8.8	U
Acenaphthylene	ug/kg	7.2	7.2	U	7	7	U	8.8	8.8	U
Anthracene	ug/kg	7.2	7.2	UJ	7	7	U	8.8	8.8	U
Azobenzene/1,2-Diphenylhydrazine	ug/kg	65	65	UJ	63	63	U	79	79	U
Benzidine	ug/kg	1400	1400	UJ	1300	1300	U	1700	1700	U
Benzo(a)anthracene	ug/kg	7.2	7.2	UJ	7	7	U	8.8	8.8	U
Benzo(a)pyrene	ug/kg	7.2	7.2	UJ	7	7	U	8.8	8.8	U
Benzo(b)fluoranthene	ug/kg	7.2	7.2	UJ	7	7	U	8.8	8.8	U
Benzo(g,h,i)perylene	ug/kg	7.2	7.2	UJ	7	7	U	8.8	8.8	U
Benzo(k)fluoranthene	ug/kg	7.2	7.2	UJ	7	7	U	8.8	8.8	U
Biphenyl	ug/kg	6.7	6.7	UJQ	7	7	U	8.8	8.8	U
Bis(2-chloroethoxy)methane	ug/kg	65	65	U	63	63	U	79	79	U
Bis(2-chloroethyl)ether	ug/kg	65	65	U	63	63	U	79	79	U
Bis(2-chloroisopropyl)ether	ug/kg	65	65	UJ	63	63	U	79	79	U
Bis(2-ethylhexyl)phthalate	ug/kg	390	390	UQ	380	380	UJ	470	470	UJ
Butyl benzyl phthalate	ug/kg	65	65	UQ	63	63	UJ	79	79	UJ
Chrysene	ug/kg	7.2	7.2	UJ	7	7	U	8.8	8.8	U
Dibenzo(a,h)anthracene	ug/kg	7.2	7.2	UJ	7	7	U	8.8	8.8	U
Dibenzothiophene	ug/kg	7.2	7.2	UJ	7	7	U	8.8	8.8	U
Diethyl phthalate	ug/kg	65	65	UJ	63	63	U	79	79	U
Dimethyl phthalate	ug/kg	65	65	U	63	63	U	79	79	U
Di-n-butyl phthalate	ug/kg	390	390	UQ	380	380	U	470	470	U
Di-n-octyl phthalate	ug/kg	65	65	UJ	63	63	UJ	79	79	UJ
Fluoranthene	ug/kg	15	7.2	IJ	7	7	U	8.8	8.8	U
Fluorene	ug/kg	6.7	6.7	UJQ	7	7	U	8.8	8.8	U
Hexachlorobenzene	ug/kg	65	65	UJ	63	63	U	79	79	U
Hexachlorobutadiene	ug/kg	190	190	U	190	190	U	240	240	U
Hexachlorocyclopentadiene	ug/kg	65	65	U	63	63	UJ	79	79	UJ
Hexachloroethane	ug/kg	190	190	U	190	190	U	240	240	U

Table 2: Location 8 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	8-A	MDL	Remark	8-A Deep	MDL	Remark	8-B	MDL	Remark
Indeno(1,2,3-cd)pyrene	ug/kg	7.2	7.2	UJ	7	7	U	8.8	8.8	U
Isophorone	ug/kg	65	65	U	63	63	U	79	79	U
Naphthalene	ug/kg	6.7	6.7	UQ	7	7	U	8.8	8.8	U
Nitrobenzene	ug/kg	65	65	U	63	63	U	79	79	U
N-Nitrosodimethylamine	ug/kg	390	390	U	380	380	U	470	470	U
N-Nitrosodi-n-propylamine	ug/kg	65	65	UJ	63	63	U	79	79	U
N-Nitrosodiphenylamine/ Diphenylamine	ug/kg	65	65	UJ	63	63	U	79	79	U
Pentachlorophenol	ug/kg	65	65	U	63	63	U	79	79	U
Phenanthrene	ug/kg	63	7.2	J	7	7	U	8.8	8.8	U
Phenol	ug/kg	65	65	U	63	63	U	79	79	U
Pyrene	ug/kg	16	7.2	IJ	7	7	U	8.8	8.8	U
TRPH	mg/kg	11	11	U	11	11	U	53	14	
Pesticides/Herbicides/PCBs	Units	8-A	MDL	Remark	8-A Deep	MDL	Remark	8-B	MDL	Remark
2,4,5-T	ug/kg	7	7	U						
2,4-D	ug/kg	7	7	U						
3-Hydroxycarbofuran	ug/kg	0.54	0.54	UJ						
Acifluorfen	ug/kg	7	7	U						
Aldicarb	ug/kg	0.54	0.54	UJ						
Aldicarb Sulfone	ug/kg	0.54	0.54	UJ						
Aldicarb Sulfoxide	ug/kg	0.54	0.54	UJ						
Carbaryl	ug/kg	0.54	0.54	UJ						
Carbofuran	ug/kg	0.54	0.54	UJ						
Diuron	ug/kg	6.5	6.5	U						
Imidacloprid	ug/kg	6.5	6.5	U						
Linuron	ug/kg	6.5	6.5	U						
Methiocarb	ug/kg	0.54	0.54	UJ						
Methomyl	ug/kg	0.54	0.54	UJ						
Oxamyl	ug/kg	0.54	0.54	UJ						
Propoxur	ug/kg	0.54	0.54	UJ						

Table 2: Location 8 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	8-A	MDL	Remark	8-A Deep	MDL	Remark	8-B	MDL	Remark
Silvex	ug/kg	7	7	U						
Alachlor	ug/kg	11	11	U	10	10	U	13	13	U
Aldrin	ug/Kg	0.36	0.36	U	0.35	0.35	U	0.44	0.44	U
Alpha-BHC	ug/Kg	0.36	0.36	U	0.35	0.35	U	0.44	0.44	U
Ametryn	ug/kg	1.8	1.8	U	1.7	1.7	U	2.2	2.2	U
Atrazine	ug/kg	1.8	1.8	U	1.7	1.7	U	2.2	2.2	U
Azinphos Methyl	ug/kg	5.4	5.4	U	5.2	5.2	U	6.6	6.6	U
Beta-BHC	ug/Kg	0.36	0.36	U	0.35	0.35	U	0.44	0.44	U
Bromacil	ug/kg	7.2	7.2	U	7	7	U	8.8	8.8	U
Chlordane	ug/Kg	17	5.4	I	76	5.2		6.6	6.6	U
Chlorpyrifos Ethyl	ug/kg	1.8	1.8	U	1.7	1.7	U	2.2	2.2	U
Chlorpyrifos Methyl	ug/kg	3.6	3.6	U	3.5	3.5	U	4.4	4.4	U
DDD-p,p'	ug/Kg	0.72	0.72	U	0.7	0.7	U	0.88	0.88	U
DDE-p,p'	ug/Kg	0.72	0.72	U	0.7	0.7	U	0.88	0.88	U
DDT-p,p'	ug/Kg	1.1	1.1	U	1	1	U	1.3	1.3	U
Delta-BHC	ug/Kg	0.72	0.72	U	0.7	0.7	U	0.88	0.88	U
Diazinon	ug/kg	1.8	1.8	U	1.7	1.7	U	2.2	2.2	U
Dieldrin	ug/Kg	0.36	0.36	U	0.35	0.35	U	0.44	0.44	U
Endosulfan I	ug/Kg	0.36	0.36	U	0.35	0.35	U	0.44	0.44	U
Endosulfan II	ug/Kg	0.36	0.36	U	0.35	0.35	U	0.44	0.44	U
Endosulfan Sulfate	ug/Kg	0.72	0.72	U	0.7	0.7	U	0.88	0.88	U
Endrin	ug/Kg	1.8	1.8	U	1.7	1.7	U	2.2	2.2	U
Endrin Aldehyde	ug/Kg	0.72	0.72	U	0.7	0.7	U	0.88	0.88	U
Ethion	ug/kg	1.8	1.8	U	1.7	1.7	U	2.2	2.2	U
Ethoprop	ug/kg	1.8	1.8	U	1.7	1.7	U	2.2	2.2	U
Fenamiphos	ug/kg	7.2	7.2	U	7	7	U	8.8	8.8	U
Fonofos	ug/kg	1.8	1.8	U	1.7	1.7	U	2.2	2.2	U
Gamma-BHC	ug/Kg	0.36	0.36	U	0.35	0.35	U	0.44	0.44	U
Heptachlor	ug/Kg	0.36	0.36	U	0.35	0.35	U	0.44	0.44	U

Table 2: Location 8 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	8-A	MDL	Remark	8-A Deep	MDL	Remark	8-B	MDL	Remark
Heptachlor Epoxide	ug/kg	0.36	0.36	U	0.35	0.35	U	0.44	0.44	U
Hexazinone	ug/kg	3.6	3.6	U	3.5	3.5	U	4.4	4.4	U
Malathion	ug/kg	3.6	3.6	U	3.5	3.5	U	4.4	4.4	U
Methamidophos	ug/kg	18	18	U	17	17	U	22	22	U
Methoxychlor	ug/kg	1.8	1.8	U	1.7	1.7	U	2.2	2.2	U
Metolachlor	ug/kg	11	11	U	10	10	U	13	13	U
Metribuzin	ug/kg	3.6	3.6	U	3.5	3.5	U	4.4	4.4	U
Mevinphos	ug/kg	7.2	7.2	U	7	7	U	8.8	8.8	U
Monocrotophos	ug/kg	18	18	U	17	17	UJ	22	22	UJ
Naled	ug/kg	14	14	U	14	14	UJ	18	18	UJ
Norflurazon	ug/kg	3.6	3.6	U	3.5	3.5	U	4.4	4.4	U
Parathion Ethyl	ug/kg	3.6	3.6	U	3.5	3.5	U	4.4	4.4	U
Parathion Methyl	ug/kg	3.6	3.6	U	3.5	3.5	U	4.4	4.4	U
PCB-1016	ug/Kg	11	11	U	10	10	U	13	13	U
PCB-1221	ug/Kg	7.2	7.2	U	7	7	U	8.8	8.8	U
PCB-1232	ug/Kg	16	16	U	16	16	U	20	20	U
PCB-1242	ug/Kg	11	11	U	10	10	U	13	13	U
PCB-1248	ug/Kg	7.2	7.2	U	7	7	U	8.8	8.8	U
PCB-1254	ug/Kg	7.2	7.2	U	7	7	U	8.8	8.8	U
PCB-1260	ug/Kg	11	11	U	10	10	U	13	13	U
Phorate	ug/kg	1.8	1.8	U	1.7	1.7	U	2.2	2.2	U
Prometryn	ug/kg	3.6	3.6	U	3.5	3.5	U	4.4	4.4	U
Simazine	ug/kg	1.8	1.8	U	1.7	1.7	U	2.2	2.2	U
Toxaphene	ug/Kg	27	27	U	26	26	U	33	33	U
Diquat	mg/Kg	0.042	0.042	U						
Paraquat	mg/Kg	0.053	0.053	UJ						
Metals	Units	8-A	MDL	Remark	8-A Deep	MDL	Remark	8-B	MDL	Remark
Mercury	mg/Kg	0.0098	0.0034	I	0.0042	0.0042	U	0.02	0.0039	
Antimony	mg/Kg	0.13	0.13	U	0.13	0.13	U	0.16	0.16	U

Table 2: Location 8 Soil Sample Chemical Results

Metals	Units	8-A	MDL	Remark	8-A Deep	MDL	Remark	8-B	MDL	Remark
Arsenic	mg/Kg	2.61	0.054		5.04	0.052		1.23	0.065	
Barium	mg/Kg	5.92	0.054		8.44	0.052		15.5	0.065	
Beryllium	mg/Kg	0.054	0.021	I	0.069	0.021	I	0.11	0.026	
Cadmium	mg/Kg	0.027	0.027	I	0.028	0.026	I	0.046	0.033	I
Chromium	mg/Kg	6.33	0.13		5.49	0.13		3.23	0.16	
Cobalt	mg/Kg	0.176	0.011		0.143	0.01		0.303	0.013	
Copper	mg/Kg	2.2	0.13		1.3	0.13		5.73	0.16	
Lead	mg/Kg	3.05	0.2		1.41	0.19		2.71	0.24	
Nickel	mg/Kg	0.78	0.13		0.79	0.13		1.46	0.16	
Selenium	mg/Kg	0.15	0.081	I	0.15	0.078	I	0.9	0.098	
Silver	mg/Kg	0.0071	0.0067	I	0.0065	0.0065	U	0.02	0.0081	I
Thallium	mg/Kg	0.027	0.027	U	0.026	0.026	U	0.033	0.033	U
Zinc	mg/Kg	6	1.1		2.4	1	I	6.7	1.3	
Dioxins/Furans	Units	8-A	MDL	Remark	8-A Deep	MDL	Remark	8-B	MDL	Remark
1,2,3,4,6,7,8-HpCDD	ng/Kg	1.41	2.92	I/V						
1,2,3,4,6,7,8-HpCDF	ng/Kg	0.168	2.92	U						
1,2,3,4,7,8,9-HpCDF	ng/Kg	0.0816	2.92	U						
1,2,3,4,7,8-HxCDD	ng/Kg	0.0527	2.92	U						
1,2,3,4,7,8-HxCDF	ng/Kg	0.0305	2.92	U						
1,2,3,6,7,8-HxCDD	ng/Kg	0.0467	2.92	U						
1,2,3,6,7,8-HxCDF	ng/Kg	0.0293	2.92	U						
1,2,3,7,8,9-HxCDD	ng/Kg	0.0508	2.92	U						
1,2,3,7,8,9-HxCDF	ng/Kg	0.0381	2.92	U						
1,2,3,7,8-PeCDD	ng/Kg	0.0555	2.92	U						
1,2,3,7,8-PeCDF	ng/Kg	0.051	2.92	U						
2,3,4,6,7,8-HxCDF	ng/Kg	0.0327	2.92	U						
2,3,4,7,8-PeCDF	ng/Kg	0.0506	2.92	U						
2,3,7,8-TCDD	ng/Kg	0.039	1.17	U						
2,3,7,8-TCDF	ng/Kg	0.0431	1.17	U						

Table 2: Location 8 Soil Sample Chemical Results

Dioxins/Furans	Units	8-A	MDL	Remark	8-A Deep	MDL	Remark	8-B	MDL	Remark
OCDD	ng/Kg	9.56	5.83	V						
OCDF	ng/Kg	0.323	5.83	IJV						
Total Hepta-Dioxins	ng/Kg	1.88	2.92	I						
Total Hepta-Furans	ng/Kg	0.22	2.92	I						
Total Hexa-Dioxins	ng/Kg	0.397	2.92	I						
Total Hexa-Furans	ng/Kg	0.0293	2.92	U						
Total Penta-Dioxins	ng/Kg	0.0555	2.92	U						
Total Penta-Furans	ng/Kg	0.182	2.92	I						
Total Tetra-Dioxins	ng/Kg	0.646	1.17	I						
Total Tetra-Furans	ng/Kg	0.965	1.17	I						
Calculated Total Toxicity Equivalents (TEQ)	Units	8-A			8-A Deep			8-B		
Dioxins as total 2,3,7,8-TCDD	ng/Kg	0.0947								
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 8 Soil Sample Radionuclide Results

Radionuclides	Units	8-A	Remark	8-A Deep	Remark	8-B	Remark
Actinium-228	pCi/g	0.197	U	0.118	U	0.27	U
Actinium-228 Uncertainty	pCi/g	0.109		0.0616		0.153	
Alpha Uncertainty	pCi/g	2.64		2.65		2.17	
Alpha, Total	pCi/g	4.15		3.53		2.79	
Americium-241	pCi/g	0.134	U	0.0693	U	0.177	U
Americium-241 Uncertainty	pCi/g	0.0698		0.0395		0.107	
Antimony-124	pCi/g	0.163	U	0.104	U	0.227	U
Antimony-124 Uncertainty	pCi/g	0.101		0.0599		0.172	
Antimony-125	pCi/g	0.0932	U	0.0641	U	0.129	U
Antimony-125 Uncertainty	pCi/g	0.0526		0.035		0.0743	
Barium-133	pCi/g	0.037	U	0.03	U	0.0599	U
Barium-133 Uncertainty	pCi/g	0.0247		0.0172		0.0433	
Barium-140	pCi/g	6.38	U	5.71	U	9.74	U
Barium-140 Uncertainty	pCi/g	3.44		3.08		5.75	
Beryllium-7	pCi/g	0.749	U	0.526	U	0.895	U
Beryllium-7 Uncertainty	pCi/g	0.414		0.296		0.554	
Beta Uncertainty	pCi/g	2.86		2.26		2.47	
Beta, Total	pCi/g	5.1	U	4.78		3.94	
Bismuth-212	pCi/g	0.559	U	0.37	U	0.671	U
Bismuth-212 Uncertainty	pCi/g	0.265		0.193		0.42	
Bismuth-214	pCi/g	0.167		0.233		0.167	U
Bismuth-214 Uncertainty	pCi/g	0.0768		0.0696		0.135	
Cerium-139	pCi/g	0.0386	U	0.0278	U	0.0538	U
Cerium-139 Uncertainty	pCi/g	0.0229		0.0158		0.0318	
Cerium-141	pCi/g	0.197	U	0.155	U	0.3	U
Cerium-141 Uncertainty	pCi/g	0.112		0.0918		0.187	
Cerium-144	pCi/g	0.195	U	0.173	U	0.291	U
Cerium-144 Uncertainty	pCi/g	0.116		0.0915		0.172	
Cesium-134	pCi/g	0.0444	U	0.0332	U	0.0659	U

Table 3: Location 8 Soil Sample Radionuclide Results

Radionuclides	Units	8-A	Remark	8-A Deep	Remark	8-B	Remark
Cesium-134 Uncertainty	pCi/g	0.0255		0.0184		0.0431	
Cesium-136	pCi/g	2.29	U	1.57	U	2.82	U
Cesium-136 Uncertainty	pCi/g	1.34		1.03		1.9	
Cesium-137	pCi/g	0.068		0.0304	U	0.127	
Cesium-137 Uncertainty	pCi/g	0.0319		0.0157		0.0567	
Chromium-51	pCi/g	1.6	U	1.09	U	2.63	U
Chromium-51 Uncertainty	pCi/g	0.91		0.667		1.56	
Cobalt-56	pCi/g	0.0505	U	0.0375	U	0.0918	U
Cobalt-56 Uncertainty	pCi/g	0.0329		0.0259		0.053	
Cobalt-57	pCi/g	0.0263	U	0.0204	U	0.0352	U
Cobalt-57 Uncertainty	pCi/g	0.0146		0.0107		0.0203	
Cobalt-58	pCi/g	0.0734	U	0.0495	U	0.0869	U
Cobalt-58 Uncertainty	pCi/g	0.0443		0.0274		0.0566	
Cobalt-60	pCi/g	0.0338	U	0.0258	U	0.0625	U
Cobalt-60 Uncertainty	pCi/g	0.0212		0.0162		0.0368	
Europium-152	pCi/g	0.094	U	0.0653	U	0.143	U
Europium-152 Uncertainty	pCi/g	0.0544		0.0377		0.0883	
Europium-154	pCi/g	0.118	U	0.0637	U	0.152	U
Europium-154 Uncertainty	pCi/g	0.0641		0.0421		0.101	
Europium-155	pCi/g	0.0933	U	0.0638	U	0.124	U
Europium-155 Uncertainty	pCi/g	0.0528		0.0359		0.0787	
Iridium-192	pCi/g	0.0551	U	0.044	U	0.0979	U
Iridium-192 Uncertainty	pCi/g	0.033		0.023		0.0581	
Iron-59	pCi/g	0.199	U	0.152	U	0.284	U
Iron-59 Uncertainty	pCi/g	0.117		0.0863		0.173	
Lead-210	pCi/g	2.73	U	1.56	U	3.76	U
Lead-210 Uncertainty	pCi/g	1.54		0.844		2.46	
Lead-212	pCi/g	0.0844	U	0.0581	U	0.229	
Lead-212 Uncertainty	pCi/g	0.0491		0.0286		0.103	

Table 3: Location 8 Soil Sample Radionuclide Results

Radionuclides	Units	8-A	Remark	8-A Deep	Remark	8-B	Remark
Lead-214	pCi/g	0.123	UJ	0.238		0.211	
Lead-214 Uncertainty	pCi/g	0.0873		0.0653		0.117	
Manganese-54	pCi/g	0.041	U	0.0337	U	0.0643	U
Manganese-54 Uncertainty	pCi/g	0.0262		0.0178		0.0401	
Mercury-203	pCi/g	0.0963	U	0.0613	U	0.136	U
Mercury-203 Uncertainty	pCi/g	0.0519		0.0355		0.0793	
Neodymium-147	pCi/g	23.2	U	19.4	U	33.4	U
Neodymium-147 Uncertainty	pCi/g	12.4		9.84		20.1	
Neptunium-239	pCi/g	0.317	U	0.274	U	0.481	U
Neptunium-239 Uncertainty	pCi/g	0.197		0.142		0.306	
Niobium-94	pCi/g	0.0256	U	0.0257	U	0.0485	U
Niobium-94 Uncertainty	pCi/g	0.0166		0.0142		0.0304	
Niobium-95	pCi/g	0.0868	U	0.0594	U	0.141	U
Niobium-95 Uncertainty	pCi/g	0.0473		0.0351		0.0763	
Potassium-40	pCi/g	0.592	U	0.417	U	0.496	UJ
Potassium-40 Uncertainty	pCi/g	0.291		0.205		0.602	
Promethium-144	pCi/g	0.0395	U	0.0303	U	0.064	U
Promethium-144 Uncertainty	pCi/g	0.0263		0.0173		0.0391	
Promethium-146	pCi/g	0.0419	U	0.0311	U	0.0533	U
Promethium-146 Uncertainty	pCi/g	0.0269		0.017		0.0344	
Radium-228	pCi/g	0.197	U	0.118	U	0.27	U
Radium-228 Uncertainty	pCi/g	0.109		0.0616		0.153	
Ruthenium-106	pCi/g	0.357	U	0.229	U	0.563	U
Ruthenium-106 Uncertainty	pCi/g	0.205		0.156		0.332	
Silver-110m	pCi/g	0.0557	U	0.0382	U	0.0828	U
Silver-110m Uncertainty	pCi/g	0.0305		0.0226		0.0519	
Sodium-22	pCi/g	0.0433	U	0.0229	U	0.0559	U
Sodium-22 Uncertainty	pCi/g	0.0234		0.0152		0.0362	
Thallium-208	pCi/g	0.0479	U	0.0357	U	0.0533	U

Table 3: Location 8 Soil Sample Radionuclide Results

Radionuclides	Units	8-A	Remark	8-A Deep	Remark	8-B	Remark
Thallium-208 Uncertainty	pCi/g	0.0285		0.0189		0.0462	
Thorium-234	pCi/g	1.38	U	0.898	U	1.73	U
Thorium-234 Uncertainty	pCi/g	0.701		0.436		1.04	
Tin-113	pCi/g	0.0589	U	0.0355	U	0.0911	U
Tin-113 Uncertainty	pCi/g	0.0332		0.0219		0.0499	
Uranium-235	pCi/g	0.193	U	0.163	U	0.282	U
Uranium-235 Uncertainty	pCi/g	0.114		0.0889		0.169	
Uranium-238	pCi/g	1.38	U	0.898	U	1.73	U
Uranium-238 Uncertainty	pCi/g	0.701		0.436		1.04	
Yttrium-88	pCi/g	0.057	U	0.0379	U	0.105	U
Yttrium-88 Uncertainty	pCi/g	0.0315		0.0205		0.0604	
Zinc-65	pCi/g	0.0857	U	0.0683	U	0.13	U
Zinc-65 Uncertainty	pCi/g	0.0438		0.0428		0.0903	
Zirconium-95	pCi/g	0.142	U	0.0854	U	0.227	U
Zirconium-95 Uncertainty	pCi/g	0.0808		0.0491		0.124	

Location 9

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

Analyte	Residential SCTL	9-A	9-A Deep	9-B	9-C
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 9 Soil Sample Chemical Results

Volatile Organic Compounds	Units	9-A	MDL	Remark	9-A Deep	MDL	Remark	9-B	MDL	Remark	9-C	MDL	Remark
1,1,1-Trichloroethane	ug/kg	4.5	4.5	U	4.4	4.4	UJ	5.1	5.1	U	11	11	U
1,1,2,2-Tetrachloroethane	ug/kg	11	11	UJ	11	11	UJ	13	13	UJ	27	27	UJ
1,1,2-Trichloroethane	ug/kg	4.5	4.5	U	4.4	4.4	U	5.1	5.1	U	11	11	U
1,1-Dichloroethane	ug/kg	4.5	4.5	U	4.4	4.4	U	5.1	5.1	U	11	11	U
1,1-Dichloroethene	ug/kg	11	11	U	11	11	U	13	13	U	27	27	U
1,2-Dichlorobenzene	ug/kg	11	11	U	11	11	U	13	13	U	27	27	U
1,2-Dichloroethane	ug/kg	4.5	4.5	U	4.4	4.4	U	5.1	5.1	U	11	11	U
1,2-Dichloropropane	ug/kg	11	11	U	11	11	U	13	13	U	27	27	U
1,3-Dichlorobenzene	ug/kg	11	11	U	11	11	U	13	13	U	27	27	U
1,4-Dichlorobenzene	ug/kg	11	11	U	11	11	U	13	13	U	27	27	U
2-Butanone	ug/kg	110	110	U	110	110	UJ	130	130	U	270	270	U
2-Chloroethylvinyl ether	ug/kg	11	11	U	11	11	U	13	13	U	27	27	U
Benzene	ug/kg	4.5	4.5	U	4.4	4.4	U	5.1	5.1	U	11	11	U
Bromodichloromethane	ug/kg	4.5	4.5	U	4.4	4.4	UJ	5.1	5.1	U	11	11	U
Bromoform	ug/kg	11	11	UJ	11	11	UJ	13	13	UJ	27	27	U
Bromomethane	ug/kg	11	11	U	11	11	UJ	13	13	U	27	27	U
Carbon tetrachloride	ug/kg	4.5	4.5	U	4.4	4.4	UJ	5.1	5.1	U	11	11	U
Chlorobenzene	ug/kg	4.5	4.5	U	4.4	4.4	U	5.1	5.1	U	11	11	U
Chloroethane	ug/kg	11	11	U	11	11	UJ	13	13	U	27	27	U
Chloroform	ug/kg	4.5	4.5	U	4.4	4.4	U	5.1	5.1	U	11	11	U
Chloromethane	ug/kg	11	11	U	11	11	U	13	13	U	27	27	U
cis-1,2-Dichloroethene	ug/kg	11	11	U	11	11	U	13	13	U	27	27	U
cis-1,3-Dichloropropene	ug/kg	11	11	UJ	11	11	UJ	13	13	UJ	27	27	UJ
Dibromochloromethane	ug/kg	4.5	4.5	UJ	4.4	4.4	UJ	5.1	5.1	UJ	11	11	U
Ethylbenzene	ug/kg	11	11	U	11	11	U	13	13	U	27	27	U
m,p-Xylene	ug/kg	11	11	U	11	11	U	13	13	U	27	27	U
Methylene chloride	ug/kg	11	11	U	11	11	U	13	13	U	27	27	U
Methyl-t-butyl ether	ug/kg	11	11	U	11	11	U	13	13	U	27	27	U
o-Xylene	ug/kg	4.5	4.5	U	4.4	4.4	U	5.1	5.1	U	11	11	U

Table 2: Location 9 Soil Sample Chemical Results

Volatile Organic Compounds	Units	9-A	MDL	Remark	9-A Deep	MDL	Remark	9-B	MDL	Remark	9-C	MDL	Remark
Tetrachloroethene	ug/kg	11	11	U	11	11	U	13	13	U	27	27	U
Toluene	ug/kg	11	11	U	11	11	U	13	13	U	27	27	U
trans-1,2-Dichloroethene	ug/kg	11	11	U	11	11	U	13	13	U	27	27	U
trans-1,3-Dichloropropene	ug/kg	4.5	4.5	UJ	4.4	4.4	UJ	5.1	5.1	UJ	11	11	U
Trichloroethene	ug/kg	4.5	4.5	UJ	4.4	4.4	UJ	5.1	5.1	UJ	11	11	UJ
Trichlorofluoromethane	ug/kg	11	11	U	11	11	UJ	13	13	U	27	27	U
Vinyl chloride	ug/kg	11	11	U	11	11	U	13	13	U	27	27	U
Semi-Volatile Organic Compounds	Units	9-A	MDL	Remark	9-A Deep	MDL	Remark	9-B	MDL	Remark	9-C	MDL	Remark
1,2,4-Trichlorobenzene	ug/kg	230	230	U	200	200	U	210	210	U	200	200	U
1-Methylnaphthalene	ug/kg	8.4	8.4	U	7.6	7.6	U	7.7	7.7	U	7.5	7.5	U
1-Methylphenanthrene	ug/kg	8.4	8.4	UJ	7.6	7.6	U	7.7	7.7	U	7.5	7.5	U
2,3,5-Trimethylnaphthalene	ug/kg	8.4	8.4	U	7.6	7.6	U	7.7	7.7	U	7.5	7.5	U
2,4,6-Trichlorophenol	ug/kg	76	76	U	68	68	U	69	69	U	68	68	U
2,4-Dichlorophenol	ug/kg	76	76	U	68	68	U	69	69	U	68	68	U
2,4-Dimethylphenol	ug/kg	460	460	UJ	410	410	UJ	420	420	UJ	410	410	U
2,4-Dinitrophenol	ug/kg	460	460	U	410	410	U	420	420	U	410	410	U
2,4-Dinitrotoluene	ug/kg	76	76	U	68	68	U	69	69	U	68	68	U
2,6-Dimethylnaphthalene	ug/kg	34	34	U	30	30	U	31	31	U	7.5	7.5	U
2,6-Dinitrotoluene	ug/kg	76	76	U	68	68	U	69	69	U	68	68	U
2-Chloronaphthalene	ug/kg	76	76	U	68	68	U	69	69	U	68	68	U
2-Chlorophenol	ug/kg	230	230	U	200	200	U	210	210	U	200	200	U
2-Methyl-4,6-dinitrophenol	ug/kg	76	76	UJ	68	68	UJ	69	69	UJ	68	68	UJ
2-Methylnaphthalene	ug/Kg	29	29	U	26	26	U	26	26	U	7.5	7.5	U
2-Nitrophenol	ug/kg	76	76	U	68	68	U	69	69	U	68	68	U
3,3'-Dichlorobenzidine	ug/kg	4600	4600	UJ	4000	4000	U	4200	4200	U	4000	4000	U
4-Bromophenyl phenyl ether	ug/kg	76	76	UJ	68	68	U	69	69	U	68	68	U
4-Chloro-3-methylphenol	ug/kg	76	76	U	68	68	U	69	69	U	68	68	U
4-Chlorophenyl phenyl ether	ug/kg	76	76	U	68	68	U	69	69	U	68	68	U
4-Nitrophenol	ug/kg	76	76	U	68	68	U	69	69	U	68	68	U

Table 2: Location 9 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	9-A	MDL	Remark	9-A Deep	MDL	Remark	9-B	MDL	Remark	9-C	MDL	Remark
Acenaphthene	ug/kg	8.4	8.4	U	7.6	7.6	U	7.7	7.7	U	7.5	7.5	U
Acenaphthylene	ug/kg	8.4	8.4	U	7.6	7.6	U	17	7.7	I	7.5	7.5	U
Anthracene	ug/kg	8.4	8.4	UJ	7.6	7.6	U	36	7.7		7.5	7.5	U
Azobenzene/1,2-Diphenylhydrazine	ug/kg	76	76	UJ	68	68	U	69	69	U	68	68	U
Benzidine	ug/kg	1600	1600	UJ	1500	1500	UJ	1500	1500	UJ	1500	1500	U
Benzo(a)anthracene	ug/kg	8.4	8.4	UJ	7.6	7.6	U	110	7.7		7.5	7.5	U
Benzo(a)pyrene	ug/kg	8.4	8.4	UJ	7.6	7.6	U	86	7.7		7.5	7.5	U
Benzo(b)fluoranthene	ug/kg	8.4	8.4	UJ	7.6	7.6	U	220	7.7		7.5	7.5	U
Benzo(g,h,i)perylene	ug/kg	8.4	8.4	UJ	7.6	7.6	U	39	7.7		7.5	7.5	U
Benzo(k)fluoranthene	ug/kg	8.4	8.4	UJ	7.6	7.6	U	58	7.7		7.5	7.5	U
Biphenyl	ug/kg	8.4	8.4	U	7.6	7.6	U	7.7	7.7	U	7.5	7.5	U
Bis(2-chloroethoxy)methane	ug/kg	76	76	U	68	68	U	69	69	U	68	68	U
Bis(2-chloroethyl)ether	ug/kg	76	76	U	68	68	U	69	69	U	68	68	U
Bis(2-chloroisopropyl)ether	ug/kg	76	76	UJ	68	68	UJ	69	69	UJ	68	68	U
Bis(2-ethylhexyl)phthalate	ug/kg	460	460	UJ	1.70E+04	1.70E+04	UJ	1.70E+04	1.70E+04	UJ	410	410	UJ
Butyl benzyl phthalate	ug/kg	76	76	UJ	68	68	UJ	69	69	UJ	68	68	U
Chrysene	ug/kg	8.4	8.4	UJ	7.6	7.6	U	140	7.7		7.5	7.5	U
Dibenzo(a,h)anthracene	ug/kg	8.4	8.4	UJ	7.6	7.6	U	15	7.7	I	7.5	7.5	U
Dibenzothiophene	ug/kg	8.4	8.4	UJ	7.6	7.6	U	7.7	7.7	U	7.5	7.5	U
Diethyl phthalate	ug/kg	76	76	UJ	68	68	UJ	69	69	UJ	68	68	U
Dimethyl phthalate	ug/kg	76	76	U	68	68	U	69	69	U	68	68	U
Di-n-butyl phthalate	ug/kg	460	460	UJ	410	410	U	420	420	U	410	410	UJ
Di-n-octyl phthalate	ug/kg	76	76	UJ	68	68	UJ	69	69	UJ	68	68	UJ
Fluoranthene	ug/kg	14	8.4	IJ	7.6	7.6	U	83	7.7		7.5	7.5	U
Fluorene	ug/kg	8.4	8.4	U	7.6	7.6	U	7.7	7.7	U	7.5	7.5	U
Hexachlorobenzene	ug/kg	76	76	UJ	68	68	U	69	69	U	68	68	U
Hexachlorobutadiene	ug/kg	230	230	U	200	200	U	210	210	U	200	200	U
Hexachlorocyclopentadiene	ug/kg	76	76	U	68	68	U	69	69	U	68	68	U
Hexachloroethane	ug/kg	230	230	U	200	200	U	210	210	U	200	200	U

Table 2: Location 9 Soil Sample Chemical Results

Semi-Volatile Organic Compounds	Units	9-A	MDL	Remark	9-A Deep	MDL	Remark	9-B	MDL	Remark	9-C	MDL	Remark
Indeno(1,2,3-cd)pyrene	ug/kg	8.4	8.4	UJ	7.6	7.6	U	38	7.7		7.5	7.5	U
Isophorone	ug/kg	76	76	U	68	68	U	69	69	U	68	68	U
Naphthalene	ug/kg	8.4	8.4	U	7.6	7.6	U	7.7	7.7	U	7.5	7.5	U
Nitrobenzene	ug/kg	76	76	U	68	68	U	69	69	U	68	68	U
N-Nitrosodimethylamine	ug/kg	460	460	U	410	410	U	420	420	U	410	410	U
N-Nitrosodi-n-propylamine	ug/kg	76	76	UJ	68	68	UJ	69	69	UJ	68	68	U
N-Nitrosodiphenylamine/ Diphenylamine	ug/kg	76	76	UJ	68	68	U	69	69	U	68	68	U
Pentachlorophenol	ug/kg	76	76	U	68	68	U	69	69	U	68	68	U
Phenanthrene	ug/kg	8.4	8.4	UJ	7.6	7.6	U	7.7	7.7	U	7.5	7.5	U
Phenol	ug/kg	76	76	U	68	68	U	69	69	U	68	68	U
Pyrene	ug/kg	15	8.4	UJ	7.6	7.6	U	160	7.7		7.5	7.5	U
TRPH	mg/kg	44	13	I	12	12	U	19	12	I	76	12	
Pesticides/Herbicides/PCBs	Units	9-A	MDL	Remark	9-A Deep	MDL	Remark	9-B	MDL	Remark	9-C	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										57	6.8	
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 9 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	9-A	MDL	Remark	9-A Deep	MDL	Remark	9-B	MDL	Remark	9-C	MDL	Remark
Silvex	ug/kg										7.4	7.4	U
Alachlor	ug/kg	13	13	U	11	11	U	12	12	U	11	11	U
Aldrin	ug/Kg	0.42	0.42	U	0.38	0.38	U	0.39	0.39	U	0.38	0.38	U
Alpha-BHC	ug/Kg	0.42	0.42	U	0.38	0.38	U	0.39	0.39	U	0.38	0.38	U
Ametryn	ug/kg	2.1	2.1	U	1.9	1.9	U	1.9	1.9	U	1.9	1.9	U
Atrazine	ug/kg	5.1	2.1	I	1.9	1.9	U	1.9	1.9	U	1.9	1.9	U
Azinphos Methyl	ug/kg	6.3	6.3	U	5.7	5.7	U	5.8	5.8	U	5.7	5.7	U
Beta-BHC	ug/Kg	0.42	0.42	U	0.38	0.38	U	0.39	0.39	U	0.38	0.38	U
Bromacil	ug/kg	8.4	8.4	U	7.6	7.6	U	7.7	7.7	U	7.5	7.5	U
Chlordane	ug/Kg	6.3	6.3	U	5.7	5.7	U	5.8	5.8	U	5.7	5.7	U
Chlorpyrifos Ethyl	ug/kg	2.1	2.1	U	1.9	1.9	U	1.9	1.9	U	1.9	1.9	U
Chlorpyrifos Methyl	ug/kg	4.2	4.2	U	3.8	3.8	U	3.9	3.9	U	3.8	3.8	U
DDD-p,p'	ug/Kg	0.84	0.84	U	0.76	0.76	U	0.77	0.77	U	0.75	0.75	U
DDE-p,p'	ug/Kg	0.84	0.84	U	0.76	0.76	U	0.77	0.77	U	0.75	0.75	U
DDT-p,p'	ug/Kg	1.3	1.3	U	1.1	1.1	U	1.2	1.2	U	1.1	1.1	U
Delta-BHC	ug/Kg	0.84	0.84	U	0.76	0.76	U	0.77	0.77	U	0.75	0.75	U
Diazinon	ug/kg	2.1	2.1	U	1.9	1.9	U	1.9	1.9	U	1.9	1.9	U
Dieldrin	ug/Kg	0.42	0.42	U	0.38	0.38	U	0.39	0.39	U	0.38	0.38	U
Endosulfan I	ug/Kg	0.42	0.42	U	0.38	0.38	U	0.39	0.39	U	0.38	0.38	U
Endosulfan II	ug/Kg	0.42	0.42	U	0.38	0.38	U	0.39	0.39	U	0.38	0.38	U
Endosulfan Sulfate	ug/Kg	0.84	0.84	U	0.76	0.76	U	0.77	0.77	U	1.2	1.2	U
Endrin	ug/Kg	2.1	2.1	U	1.9	1.9	U	1.9	1.9	U	1.9	1.9	U
Endrin Aldehyde	ug/Kg	0.84	0.84	U	0.76	0.76	U	0.77	0.77	U	0.75	0.75	U
Ethion	ug/kg	2.1	2.1	U	1.9	1.9	U	1.9	1.9	U	1.9	1.9	U
Ethoprop	ug/kg	2.1	2.1	U	1.9	1.9	U	1.9	1.9	U	1.9	1.9	U
Fenamiphos	ug/kg	4.2	4.2	U	3.8	3.8	U	3.9	3.9	U	7.5	7.5	U
Fonofos	ug/kg	2.1	2.1	U	1.9	1.9	U	1.9	1.9	U	1.9	1.9	U
Gamma-BHC	ug/Kg	0.42	0.42	U	0.38	0.38	U	0.39	0.39	U	0.38	0.38	U
Heptachlor	ug/Kg	0.42	0.42	U	0.38	0.38	U	0.39	0.39	U	0.38	0.38	U

Table 2: Location 9 Soil Sample Chemical Results

Pesticides/Herbicides/PCBs	Units	9-A	MDL	Remark	9-A Deep	MDL	Remark	9-B	MDL	Remark	9-C	MDL	Remark
Heptachlor Epoxide	ug/kg	0.42	0.42	U	0.38	0.38	U	0.39	0.39	U	0.38	0.38	U
Hexazinone	ug/kg	4.2	4.2	U	3.8	3.8	U	3.9	3.9	U	3.8	3.8	U
Malathion	ug/kg	4.2	4.2	U	3.8	3.8	U	3.9	3.9	U	3.8	3.8	U
Methamidophos	ug/kg	21	21	U	19	19	U	19	19	U	19	19	UJ
Methoxychlor	ug/kg	2.1	2.1	U	1.9	1.9	U	1.9	1.9	U	1.9	1.9	U
Metolachlor	ug/kg	13	13	U	11	11	U	12	12	U	11	11	U
Metribuzin	ug/kg	4.2	4.2	U	3.8	3.8	U	3.9	3.9	U	3.8	3.8	U
Mevinphos	ug/kg	8.4	8.4	U	7.6	7.6	U	7.7	7.7	U	7.5	7.5	U
Monocrotophos	ug/kg	21	21	U	19	19	U	19	19	U	19	19	UJ
Naled	ug/kg	17	17	UJ	15	15	UJ	15	15	UJ	15	15	U
Norflurazon	ug/kg	4.2	4.2	U	3.8	3.8	U	3.9	3.9	U	3.8	3.8	U
Parathion Ethyl	ug/kg	4.2	4.2	U	3.8	3.8	U	3.9	3.9	U	3.8	3.8	U
Parathion Methyl	ug/kg	4.2	4.2	U	3.8	3.8	U	3.9	3.9	U	3.8	3.8	U
PCB-1016	ug/Kg	13	13	U	11	11	U	12	12	U	11	11	U
PCB-1221	ug/Kg	8.4	8.4	U	7.6	7.6	U	7.7	7.7	U	7.5	7.5	U
PCB-1232	ug/Kg	19	19	U	17	17	U	17	17	U	17	17	U
PCB-1242	ug/Kg	13	13	U	11	11	U	12	12	U	11	11	U
PCB-1248	ug/Kg	8.4	8.4	U	7.6	7.6	U	7.7	7.7	U	7.5	7.5	U
PCB-1254	ug/Kg	8.4	8.4	U	7.6	7.6	U	7.7	7.7	U	7.5	7.5	U
PCB-1260	ug/Kg	13	13	U	11	11	U	12	12	U	11	11	U
Phorate	ug/kg	2.1	2.1	U	1.9	1.9	U	1.9	1.9	U	1.9	1.9	U
Prometryn	ug/kg	4.2	4.2	U	3.8	3.8	U	3.9	3.9	U	3.8	3.8	U
Simazine	ug/kg	2.1	2.1	U	1.9	1.9	U	1.9	1.9	U	1.9	1.9	U
Toxaphene	ug/Kg	32	32	U	28	28	U	29	29	U	28	28	U
Diquat	mg/Kg										0.045	0.045	U
Paraquat	mg/Kg										0.057	0.057	UJ
Metals	Units	9-A	MDL	Remark	9-A Deep	MDL	Remark	9-B	MDL	Remark	9-C	MDL	Remark
Mercury	mg/Kg	0.019	0.0047	I	0.0086	0.0038	I	0.02	0.0035		0.024	0.0038	
Antimony	mg/Kg	0.67	0.16		0.14	0.14	U	0.14	0.14	U	0.14	0.14	U

Table 2: Location 9 Soil Sample Chemical Results

Metals	Units	9-A	MDL	Remark	9-A Deep	MDL	Remark	9-B	MDL	Remark	9-C	MDL	Remark
Arsenic	mg/Kg	0.49	0.063		0.18	0.057	I	1.94	0.058		0.25	0.056	
Barium	mg/Kg	18.8	0.063		4.07	0.057		10.9	0.058		4.75	0.056	
Beryllium	mg/Kg	0.084	0.025	I	0.061	0.023	I	0.106	0.023		0.022	0.022	U
Cadmium	mg/Kg	0.032	0.032	I	0.028	0.028	U	0.049	0.029	I	0.028	0.028	U
Chromium	mg/Kg	3.92	0.16		3.23	0.14		6.31	0.14		0.79	0.14	
Cobalt	mg/Kg	0.403	0.013		0.185	0.011		0.417	0.012		0.089	0.011	
Copper	mg/Kg	16.5	0.16		2	0.14		11.5	0.14		1.54	0.14	
Lead	mg/Kg	2.37	0.24		1.75	0.21		2.84	0.22		3.48	0.21	
Nickel	mg/Kg	1.6	0.16		0.86	0.14		1.38	0.14		0.48	0.14	I
Selenium	mg/Kg	0.24	0.095	I	0.15	0.085	I	0.29	0.086	I	0.12	0.084	I
Silver	mg/Kg	0.013	0.0079	IJ	0.0071	0.0071	IJ	0.042	0.0072	J	0.007	0.007	IJ
Thallium	mg/Kg	0.032	0.032	U	0.028	0.028	U	0.029	0.029	U	0.028	0.028	U
Zinc	mg/Kg	21.9	1.3		1.9	1.1	I	14.4	1.2		5.1	1.1	
Dioxins/Furans	Units	9-A	MDL	Remark	9-A Deep	MDL	Remark	9-B	MDL	Remark	9-C	MDL	Remark
1,2,3,4,6,7,8-HpCDD	ng/Kg										2.2	2.85	IJV
1,2,3,4,6,7,8-HpCDF	ng/Kg										0.526	2.85	I
1,2,3,4,7,8,9-HpCDF	ng/Kg										0.132	2.85	U
1,2,3,4,7,8-HxCDD	ng/Kg										0.096	2.85	U
1,2,3,4,7,8-HxCDF	ng/Kg										0.167	2.85	I
1,2,3,6,7,8-HxCDD	ng/Kg										0.0951	2.85	U
1,2,3,6,7,8-HxCDF	ng/Kg										0.0879	2.85	U
1,2,3,7,8,9-HxCDD	ng/Kg										0.0964	2.85	U
1,2,3,7,8,9-HxCDF	ng/Kg										0.109	2.85	U
1,2,3,7,8-PeCDD	ng/Kg										0.11	2.85	U
1,2,3,7,8-PeCDF	ng/Kg										0.0863	2.85	U
2,3,4,6,7,8-HxCDF	ng/Kg										0.0929	2.85	U
2,3,4,7,8-PeCDF	ng/Kg										0.0847	2.85	U
2,3,7,8-TCDD	ng/Kg										0.25	1.14	U
2,3,7,8-TCDF	ng/Kg										0.214	1.14	U

Table 2: Location 9 Soil Sample Chemical Results

Dioxins/Furans	Units	9-A	MDL	Remark	9-A Deep	MDL	Remark	9-B	MDL	Remark	9-C	MDL	Remark
OCDD	ng/Kg										15.3	5.69	V
OCDF	ng/Kg										0.87	5.69	IV
Total Hepta-Dioxins	ng/Kg										3.78	2.85	
Total Hepta-Furans	ng/Kg										0.526	2.85	I
Total Hexa-Dioxins	ng/Kg										0.0951	2.85	U
Total Hexa-Furans	ng/Kg										0.583	2.85	I
Total Penta-Dioxins	ng/Kg										1.6	2.85	I
Total Penta-Furans	ng/Kg										0.467	2.85	I
Total Tetra-Dioxins	ng/Kg										7.76	1.14	
Total Tetra-Furans	ng/Kg										16.4	1.14	
Calculated Total Toxicity Equivalents (TEQ)	Units	9-A			9-A Deep			9-B			9-C		
Dioxins as total 2,3,7,8-TCDD	ng/Kg										0.289		
Total Benzo(a)pyrene	mg/Kg							0.1					

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

Table 3: Location 9 Soil Sample Radionuclide Results

Radionuclides	Units	9-A	Remark	9-A Deep	Remark	9-B	Remark	9-C	Remark
Actinium-228	pCi/g	0.205	U	0.219	U	0.198	UJ	0.165	U
Actinium-228 Uncertainty	pCi/g	0.115		0.125		0.13		0.1	
Alpha Uncertainty	pCi/g	2.87		2.63		4.92		1.47	
Alpha, Total	pCi/g	5.13		4.13		17.2		3.3	U
Americium-241	pCi/g	0.174	U	0.276	U	0.131	U	0.0957	U
Americium-241 Uncertainty	pCi/g	0.0994		0.163		0.0725		0.0607	
Antimony-124	pCi/g	0.158	U	0.177	U	0.171	U	0.145	U
Antimony-124 Uncertainty	pCi/g	0.0997		0.102		0.108		0.0911	
Antimony-125	pCi/g	0.107	U	0.103	U	0.0804	U	0.0833	U
Antimony-125 Uncertainty	pCi/g	0.0714		0.059		0.0462		0.048	
Barium-133	pCi/g	0.0485	U	0.0503	U	0.0368	U	0.034	U
Barium-133 Uncertainty	pCi/g	0.0299		0.0319		0.0266		0.0215	
Barium-140	pCi/g	5.39	U	5.68	U	4.75	U	4.96	U
Barium-140 Uncertainty	pCi/g	3.48		3.58		3.07		2.81	
Beryllium-7	pCi/g	0.784	U	0.832	U	0.748	U	0.517	U
Beryllium-7 Uncertainty	pCi/g	0.423		0.463		0.388		0.292	
Beta Uncertainty	pCi/g	8.01		3.54		11		2.04	
Beta, Total	pCi/g	106		14.2		220		3.62	U
Bismuth-212	pCi/g	0.659	U	0.575	U	0.491	U	0.457	U
Bismuth-212 Uncertainty	pCi/g	0.326		0.356		0.266		0.25	
Bismuth-214	pCi/g	0.127	U	0.142		0.239		0.104	U
Bismuth-214 Uncertainty	pCi/g	0.0661		0.0988		0.0718		0.0652	
Cerium-139	pCi/g	0.0426	U	0.0449	U	0.035	U	0.0341	U
Cerium-139 Uncertainty	pCi/g	0.0238		0.027		0.0199		0.0192	
Cerium-141	pCi/g	0.23	U	0.248	U	0.192	U	0.191	U
Cerium-141 Uncertainty	pCi/g	0.131		0.141		0.102		0.107	
Cerium-144	pCi/g	0.244	U	0.248	U	0.202	U	0.165	U
Cerium-144 Uncertainty	pCi/g	0.15		0.144		0.123		0.101	
Cesium-134	pCi/g	0.0505	U	0.0574	U	0.0515	U	0.0359	U

Table 3: Location 9 Soil Sample Radionuclide Results

Radionuclides	Units	9-A	Remark	9-A Deep	Remark	9-B	Remark	9-C	Remark
Cesium-134 Uncertainty	pCi/g	0.0289		0.0307		0.0275		0.0206	
Cesium-136	pCi/g	1.92	U	2.49	U	2.1	U	1.34	U
Cesium-136 Uncertainty	pCi/g	1.29		1.37		1.11		0.895	
Cesium-137	pCi/g	0.045	U	0.0367	U	0.068		0.104	
Cesium-137 Uncertainty	pCi/g	0.0243		0.0218		0.0412		0.0389	
Chromium-51	pCi/g	1.76	U	1.91	U	1.22	U	1.35	U
Chromium-51 Uncertainty	pCi/g	1.01		1.05		0.843		0.736	
Cobalt-56	pCi/g	0.0637	U	0.0604	U	0.0614	U	0.0562	U
Cobalt-56 Uncertainty	pCi/g	0.0383		0.0362		0.0392		0.0331	
Cobalt-57	pCi/g	0.0329	U	0.0344	U	0.0271	U	0.023	U
Cobalt-57 Uncertainty	pCi/g	0.0187		0.02		0.0146		0.013	
Cobalt-58	pCi/g	0.068	U	0.0636	U	0.0578	U	0.0615	U
Cobalt-58 Uncertainty	pCi/g	0.0375		0.0424		0.0347		0.0358	
Cobalt-60	pCi/g	0.0425	U	0.0417	U	0.0496	U	0.0171	U
Cobalt-60 Uncertainty	pCi/g	0.0211		0.026		0.0299		0.0195	
Europium-152	pCi/g	0.0991	U	0.122	U	0.0909	U	0.0848	U
Europium-152 Uncertainty	pCi/g	0.0616		0.0758		0.0545		0.0692	
Europium-154	pCi/g	0.0937	U	0.113	U	0.0915	U	0.0793	U
Europium-154 Uncertainty	pCi/g	0.0596		0.0729		0.0615		0.0483	
Europium-155	pCi/g	0.11	U	0.124	U	0.0981	U	0.0875	U
Europium-155 Uncertainty	pCi/g	0.0627		0.0701		0.0547		0.0485	
Iridium-192	pCi/g	0.0672	U	0.0743	U	0.0604	U	0.0503	U
Iridium-192 Uncertainty	pCi/g	0.0393		0.0419		0.0342		0.0283	
Iron-59	pCi/g	0.215	U	0.164	U	0.202	U	0.185	U
Iron-59 Uncertainty	pCi/g	0.106		0.11		0.125		0.0998	
Lead-210	pCi/g	4.26	U	11.7	U	2.76	U	1.76	U
Lead-210 Uncertainty	pCi/g	2.52		6.05		1.66		0.981	
Lead-212	pCi/g	0.0975	UJ	0.116	UJ	0.0875	UJ	0.0869	
Lead-212 Uncertainty	pCi/g	0.0574		0.0694		0.0487		0.0456	

Table 3: Location 9 Soil Sample Radionuclide Results

Radionuclides	Units	9-A	Remark	9-A Deep	Remark	9-B	Remark	9-C	Remark
Lead-214	pCi/g	0.132	UJ	0.216		0.233		0.156	
Lead-214 Uncertainty	pCi/g	0.101		0.0888		0.0825		0.0735	
Manganese-54	pCi/g	0.0358	U	0.0449	U	0.0353	U	0.0428	U
Manganese-54 Uncertainty	pCi/g	0.0249		0.0249		0.0213		0.0231	
Mercury-203	pCi/g	0.0968	U	0.114	U	0.0911	U	0.0827	U
Mercury-203 Uncertainty	pCi/g	0.0583		0.0654		0.05		0.0448	
Neodymium-147	pCi/g	18.3	U	23.1	U	17.9	U	15.1	U
Neodymium-147 Uncertainty	pCi/g	11.5		13		10.3		8.74	
Neptunium-239	pCi/g	0.401	U	0.488	U	0.342	U	0.304	U
Neptunium-239 Uncertainty	pCi/g	0.238		0.27		0.202		0.172	
Niobium-94	pCi/g	0.0339	U	0.0361	U	0.032	U	0.0297	U
Niobium-94 Uncertainty	pCi/g	0.0196		0.0217		0.0184		0.0184	
Niobium-95	pCi/g	0.0905	U	0.0819	U	0.0768	U	0.0614	U
Niobium-95 Uncertainty	pCi/g	0.0537		0.0488		0.0453		0.0385	
Potassium-40	pCi/g	0.28	UJ	0.43		0.616	U	0.493	U
Potassium-40 Uncertainty	pCi/g	0.345		0.351		0.338		0.259	
Promethium-144	pCi/g	0.043	U	0.0433	U	0.0426	U	0.0417	U
Promethium-144 Uncertainty	pCi/g	0.0259		0.0235		0.0236		0.0216	
Promethium-146	pCi/g	0.0542	U	0.0503	U	0.0387	U	0.0381	U
Promethium-146 Uncertainty	pCi/g	0.0314		0.0296		0.0217		0.0218	
Radium-228	pCi/g	0.205	U	0.219	U	0.198	UJ	0.165	U
Radium-228 Uncertainty	pCi/g	0.115		0.125		0.13		0.1	
Ruthenium-106	pCi/g	0.338	U	0.395	U	0.358	U	0.273	U
Ruthenium-106 Uncertainty	pCi/g	0.201		0.237		0.208		0.168	
Silver-110m	pCi/g	0.0455	U	0.0565	U	0.0577	U	0.0534	U
Silver-110m Uncertainty	pCi/g	0.0296		0.0321		0.0332		0.0297	
Sodium-22	pCi/g	0.0349	U	0.0414	U	0.0325	U	0.0298	U
Sodium-22 Uncertainty	pCi/g	0.0219		0.0261		0.023		0.0178	
Thallium-208	pCi/g	0.0364	UJ	0.0563	U	0.0605		0.0416	U

Table 3: Location 9 Soil Sample Radionuclide Results

Radionuclides	Units	9-A	Remark	9-A Deep	Remark	9-B	Remark	9-C	Remark
Thallium-208 Uncertainty	pCi/g	0.0373		0.0296		0.0356		0.0232	
Thorium-234	pCi/g	1.54	U	2.51	U	1.29	U	0.963	U
Thorium-234 Uncertainty	pCi/g	0.901		1.31		0.682		0.549	
Tin-113	pCi/g	0.0759	U	0.0794	U	0.065	U	0.0545	U
Tin-113 Uncertainty	pCi/g	0.0409		0.0432		0.0349		0.0311	
Uranium-235	pCi/g	0.248	U	0.259	U	0.178	U	0.169	U
Uranium-235 Uncertainty	pCi/g	0.138		0.151		0.11		0.104	
Uranium-238	pCi/g	1.54	U	2.51	U	1.29	U	0.963	U
Uranium-238 Uncertainty	pCi/g	0.901		1.31		0.682		0.549	
Yttrium-88	pCi/g	0.061	U	0.0652	U	0.0588	U	0.0486	U
Yttrium-88 Uncertainty	pCi/g	0.0338		0.0332		0.0415		0.0281	
Zinc-65	pCi/g	0.102	U	0.0927	U	0.0728	U	0.0711	U
Zinc-65 Uncertainty	pCi/g	0.0637		0.0612		0.0594		0.0452	
Zirconium-95	pCi/g	0.14	U	0.155	U	0.129	U	0.133	U
Zirconium-95 Uncertainty	pCi/g	0.0782		0.083		0.0792		0.0739	