

Summary of Soil and Water Quality in The Acreage

Location ID	Residence Type	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
1	Case			sodium
2	Case		iron	iron
3	Case			
4	Control (DEP)		iron	
5	Case		iron	sodium
6	Control		iron	sodium
7	Control (DEP)		sodium	bromodichloromethane, sodium
8	Control	2 arsenic (8-A, 8-A Deep)		
9	Case			sodium
10	Case	1 benzo(a)pyrene (10-B)	iron	sodium
11	Case	1 arsenic (11-C)		sodium
12	Case		iron	
14	Case	2 benzo(a)pyrene (14-A, 14-C), 1 arsenic (14-A), 2 TRPH (14-A, 14-C)	iron	sodium
15	Case		iron	bromodichloromethane, sodium
16	Case		iron	No sample, well is not connected to home
17	Control (DEP)	1 arsenic (17-B)	sodium	bromodichloromethane, dibromochloromethane,sodium
18	Control		iron	
19	Control (DEP)			
20	Control (DEP)		iron	sodium
21	Control (DEP)		iron, manganese, total alpha, radium 226/228	sodium
22	Control		total alpha, radium 226/228	iron, sodium
23	DEP Revisit	Not Collected	total alpha, radium 226/228	bromodichloromethane, sodium
24	DEP Revisit	Not Collected	radium 226/228	sodium
25	Control	1 arsenic (25-A)		sodium
26	Control (DEP)		iron	sodium
27	Control (DEP)	1 benzo(a)pyrene (27-B)	iron	
28	Control	2 arsenic (28-A, 28-A Deep)	iron, manganese	
29			total alpha, radium 226/228	
30	Case	1 benzo(a)pyrene (30-A Deep)	iron	iron, manganese
31	Control(FDEP)	1 benzo(a)pyrene (31-B)	iron	
32	Control			bromodichloromethane, chloromethane, dibromochloromethane,sodium
33	Control			sodium
34	Control			iron
35	Control			sodium
36	Control			manganese
37	Control			
38	Control		iron,manganese	sodium
75	Control	1 arsenic (75-B)		

Guide to Understanding Drinking Water Sampling Results



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Guide to Understanding Drinking Water Sampling Results July 19, 2010

This guide will assist in reading and understanding the drinking water sampling results included in the two attached tables.

Table 1 lists the results for the analyses for the radionuclides total alpha, total beta and radium 226/228 in both the pre-treatment and post-treatment water samples collected from your residence. **Table 1** also highlights any exceedances of the **Florida Drinking Water Standards (FDWS)** or the **Ground Water Cleanup Target Levels (GCTLs)** in the water sample. These standards are found in DEP's Contaminant Cleanup Target Levels rule, Chapter 62-777, Florida Administrative Code. The Florida Drinking Water Standards can be subdivided into two groups:

- **Florida Primary Drinking Water Standards (FPDWS)** are health-based standards.
- **Florida Secondary Drinking Water Standards (FSDWS)** are not health-based standards but are based on organoleptic criteria (taste, odor, or color).

The **Groundwater Cleanup Target Levels** were developed for contaminated sites in Florida. GCTLs can be either health-based or based on organoleptic criteria.

To make it easier to understand the analytical results, **Table 1** provides the Florida Drinking Water Standards or the Ground Water Cleanup Target Level for each analyte and then the results for both the pre-treatment sample and the post-treatment sample. Many results may be identified as ND (non-detect) which indicates that the analyte was not detected at the lowest level the laboratory's sensitive equipment can detect. Any sample results that *exceed one of these water quality standards* is highlighted in yellow.

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

- **Analyte Group** - Indicates the analyte group being tested. These include volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs), pesticides/herbicides/polychlorinated biphenyls (PCBs), metals, radionuclides, and others such as perchlorate and 1,4-dioxane.
- **Units** - The component's unit of measurement, usually µg/L (micrograms per Liter), mg/L (milligrams per Liter), or pCi/L (picoCuries per Liter).
- **Pre Result** - The pre-treatment, or raw water, sample result.
- **MDL** - The method detection limit which is the lowest amount detectable.

- **Remark** – The comments from the laboratory about the 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
 - U: Material was analyzed for but not detected
 - Y: Analysis was from an unpreserved or improperly preserved sample
- **Post Result** – The post-treatment sample result.

As in **Table 1**, any sample results in **Table 2** that exceed the laboratories' method detection limit for the analyte *but still meet the water quality standards* are highlighted in light gray. Most analytes will have a U remark meaning the chemical was not detected in the sample. Any sample results that *exceed a water quality standard* are highlighted in yellow.

Location 1

Table 1: Summary of FDWS/GCTLs Exceedances and Radionuclides in Water Samples Collected Pre- and Post-Treatment from Location 1
February 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation

Analyte	FDWS/GCTL	1-Pre	1-Post
<i>Exceedances</i>			
Sodium	160 mg/L (FPDWS)	53.1	256
<i>Radionuclides</i>			
Total Alpha	15 pCi/L (FPDWS)	2.4	1.4
Radium 226/228	5 pCi/L (FPDWS)	0.8	0.5
Total Beta	50 pCi/L (FDEPSL)	2.4	ND
No Exceedances for Radionuclides			

FDWS=Florida Drinking Water Standard

GCTL=Ground Water Cleanup Target Level

FPDWS= Florida Primary Drinking Water Standard

FSDWS=Florida Secondary Drinking Water Standard

FDEPSL =FDEP Screening Level

ND=Non Detect

NA=Not Analyzed

Gray Shading= Analyte Detected

Yellow Shading=Exceedance of FDWS/GCTL

ug/L= micrograms per Liter

pCi/L=picocuries per Liter

mg/L=milligrams per Liter

Table 2: Location 1 Analytical Results

Volatile Organic Compounds	Units	1-PRE Result	MDL	REMARK	1-POST Result	MDL	Remark
1,1,1-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1,2,2-Tetrachloroethane	ug/L	0.5	0.5	UJ	0.5	0.5	UJ
1,1,2-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
1,2-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
1,2-Dichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,2-Dichloropropane	ug/L	0.5	0.5	U	0.5	0.5	U
1,3-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
1,4-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
Benzene	ug/L	0.2	0.2	U	0.2	0.2	U
Bromodichloromethane	ug/L	0.2	0.2	U	0.2	0.2	U
Bromoform	ug/L	0.5	0.5	U	0.5	0.5	U
Bromomethane	ug/L	0.5	0.5	UJ	0.5	0.5	UJ
Carbon tetrachloride	ug/L	0.2	0.2	U	0.2	0.2	U
Chlorobenzene	ug/L	0.2	0.2	U	0.2	0.2	U
Chloroethane	ug/L	0.5	0.5	U	0.5	0.5	U
Chloroform	ug/L	0.2	0.2	U	0.2	0.2	U
Chloromethane	ug/L	0.5	0.5	U	0.5	0.5	U
cis-1,2-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
cis-1,3-Dichloropropene	ug/L	0.5	0.5	U	0.5	0.5	U
Dibromochloromethane	ug/L	0.2	0.2	U	0.2	0.2	U
Ethylbenzene	ug/L	0.5	0.5	U	0.5	0.5	U
m,p-Xylene	ug/L	0.5	0.5	U	0.5	0.5	U
Methylene chloride	ug/L	0.5	0.5	U	0.5	0.5	U
Methyl-t-butyl ether	ug/L	0.5	0.5	U	0.5	0.5	U
o-Xylene	ug/L	0.2	0.2	U	0.2	0.2	U
Tetrachloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
Toluene	ug/L	0.5	0.5	U	0.5	0.5	U

Table 2: Location 1 Analytical Results

Volatile Organic Compounds	Units	1-PRE Result	MDL	REMARK	1-POST Result	MDL	Remark
trans-1,2-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
trans-1,3-Dichloropropene	ug/L	0.2	0.2	U	0.2	0.2	U
Trichloroethene	ug/L	0.2	0.2	U	0.2	0.2	U
Trichlorofluoromethane	ug/L	0.5	0.5	U	0.5	0.5	U
Vinyl chloride	ug/L	0.5	0.5	U	0.5	0.5	U
Semi-Volatile Organic Compounds	Units	1-PRE Result	MDL	REMARK	1-POST Result	MDL	Remark
1,2,4,5-Tetrachlorobenzene	ug/L	0.96	0.96	U	0.95	0.95	U
1,2,4-Trichlorobenzene	ug/L	0.96	0.96	U	0.95	0.95	U
1,3,5-Trinitrobenzene	ug/L	3.8	3.8	UJ	3.8	3.8	UJ
1,3-Dinitrobenzene	ug/L	1.9	1.9	U	1.9	1.9	U
1,4-Naphthoquinone	ug/L	19	19	UJ	19	19	UJ
1-Methylnaphthalene	ug/L	0.96	0.96	U	0.95	0.95	U
1-Naphthylamine	ug/L	9.6	9.6	U	9.5	9.5	U
2,3,4,6-Tetrachlorophenol	ug/L	1.9	1.9	U	1.9	1.9	U
2,4,5-Trichlorophenol	ug/L	0.96	0.96	U	0.95	0.95	U
2,4,6-Trichlorophenol	ug/L	0.96	0.96	U	0.95	0.95	U
2,4-Dichlorophenol	ug/L	0.96	0.96	U	0.95	0.95	U
2,4-Dimethylphenol	ug/L	9.6	9.6	U	9.5	9.5	U
2,4-Dinitrophenol	ug/L	14	14	U	14	14	U
2,4-Dinitrotoluene	ug/L	0.96	0.96	U	0.95	0.95	U
2,6-Dichlorophenol	ug/L	0.96	0.96	U	0.95	0.95	U
2,6-Dinitrotoluene	ug/L	0.96	0.96	U	0.95	0.95	U
2-Acetylaminofluorene	ug/L	0.96	0.96	U	0.95	0.95	U
2-Butanone	ug/L	5	5	U	5	5	U
2-Chloronaphthalene	ug/L	0.96	0.96	U	0.95	0.95	U
2-Chlorophenol	ug/L	0.96	0.96	U	0.95	0.95	U
2-Methyl-4,6-dinitrophenol	ug/L	2.9	2.9	U	2.8	2.8	U
2-Methylnaphthalene	ug/L	0.96	0.96	U	0.95	0.95	U

Table 2: Location 1 Analytical Results

Semi-Volatile Organic Compounds	Units	1-PRE Result	MDL	REMARK	1-POST Result	MDL	Remark
2-Naphthylamine	ug/L	9.6	9.6	U	9.5	9.5	U
2-Nitroaniline	ug/L	0.96	0.96	U	0.95	0.95	U
2-Nitrophenol	ug/L	0.96	0.96	U	0.95	0.95	U
2-Picoline	ug/L	0.96	0.96	U	0.95	0.95	U
3,3'-Dichlorobenzidine	ug/L	38	38	U	38	38	U
3,3'-Dimethylbenzidine	ug/L	19	19	UJ	19	19	UJ
3-Methylcholanthrene	ug/L	0.96	0.96	U	0.95	0.95	U
3-Nitroaniline	ug/L	0.96	0.96	U	0.95	0.95	U
4-Aminobiphenyl	ug/L	3.8	3.8	U	3.8	3.8	U
4-Bromophenyl phenyl ether	ug/L	0.96	0.96	U	0.95	0.95	U
4-Chloro-3-methylphenol	ug/L	0.96	0.96	U	0.95	0.95	U
4-Chloroaniline	ug/L	0.96	0.96	U	0.95	0.95	U
4-Chlorophenyl phenyl ether	ug/L	1.9	1.9	U	1.9	1.9	U
4-Nitroaniline	ug/L	0.96	0.96	UJ	0.95	0.95	UJ
4-Nitrophenol	ug/L	14	14	U	14	14	U
5-Nitro-o-toluidine	ug/L	0.96	0.96	U	0.95	0.95	U
7,12-Dimethylbenz(a)anthracene	ug/L	0.96	0.96	U	0.95	0.95	U
Acenaphthene	ug/L	0.96	0.96	U	0.95	0.95	U
Acenaphthylene	ug/L	0.96	0.96	U	0.95	0.95	U
Acetophenone	ug/L	0.96	0.96	U	0.95	0.95	U
Acifluorfen	ug/L	0.22	0.22	UJ	0.21	0.21	UJ
Aniline	ug/L	0.96	0.96	U	0.95	0.95	U
Anthracene	ug/L	0.96	0.96	U	0.95	0.95	U
Azobenzene/1,2-Diphenylhydrazine	ug/L	0.96	0.96	U	0.95	0.95	U
Benzidine	ug/L	96	96	U	95	95	U
Benzo(a)anthracene	ug/L	0.96	0.96	U	0.95	0.95	U
Benzo(a)pyrene	ug/L	0.96	0.96	U	0.95	0.95	U
Benzo(b)fluoranthene	ug/L	0.96	0.96	U	0.95	0.95	U
Benzo(g,h,i)perylene	ug/L	0.96	0.96	U	0.95	0.95	U

Table 2: Location 1 Analytical Results

Semi-Volatile Organic Compounds	Units	1-PRE Result	MDL	REMARK	1-POST Result	MDL	Remark
Benzo(k)fluoranthene	ug/L	0.96	0.96	U	0.95	0.95	U
Benzyl alcohol	ug/L	0.96	0.96	U	0.95	0.95	U
Bis(2-chloroethoxy)methane	ug/L	0.96	0.96	U	0.95	0.95	U
Bis(2-chloroethyl)ether	ug/L	0.96	0.96	U	0.95	0.95	U
Bis(2-chloroisopropyl)ether	ug/L	2.9	2.9	U	2.8	2.8	U
Bis(2-ethylhexyl)phthalate	ug/L	14	14	U	14	14	U
Butyl benzyl phthalate	ug/L	4.8	4.8	U	4.7	4.7	U
Carbazole	ug/L	0.96	0.96	U	0.95	0.95	U
Chrysene	ug/L	0.96	0.96	U	0.95	0.95	U
Dibenzo(a,h)anthracene	ug/L	0.96	0.96	U	0.95	0.95	U
Dibenzofuran	ug/L	0.96	0.96	U	0.95	0.95	U
Diethyl phthalate	ug/L	0.96	0.96	U	0.95	0.95	U
Dimethyl phthalate	ug/L	9.6	9.6	U	9.5	9.5	U
Dimethylaminoazobenzene	ug/L	0.96	0.96	U	0.95	0.95	U
Di-n-butyl phthalate	ug/L	4.8	4.8	U	4.7	4.7	U
Di-n-octyl phthalate	ug/L	0.96	0.96	U	0.95	0.95	U
Dinoseb	ug/L	3.8	3.8	U	3.8	3.8	U
Ethyl methanesulfonate	ug/L	0.96	0.96	U	0.95	0.95	U
Fluoranthene	ug/L	0.96	0.96	U	0.95	0.95	U
Fluorene	ug/L	0.96	0.96	U	0.95	0.95	U
Hexachlorobenzene	ug/L	0.96	0.96	U	0.95	0.95	U
Hexachlorobutadiene	ug/L	2.9	2.9	U	2.8	2.8	U
Hexachlorocyclopentadiene	ug/L	2.9	2.9	U	2.8	2.8	U
Hexachloroethane	ug/L	2.9	2.9	U	2.8	2.8	U
Hexachloropropene	ug/L	1.9	1.9	UJ	1.9	1.9	UJ
Indeno(1,2,3-cd)pyrene	ug/L	0.96	0.96	U	0.95	0.95	U
Isophorone	ug/L	0.96	0.96	U	0.95	0.95	U
Isosafrole	ug/L	0.96	0.96	U	0.95	0.95	U
m,p-Cresols	ug/L	1.9	1.9	U	1.9	1.9	U

Table 2: Location 1 Analytical Results

Semi-Volatile Organic Compounds	Units	1-PRE Result	MDL	REMARK	1-POST Result	MDL	Remark
Methapyrilene	ug/L	3.8	3.8	U	3.8	3.8	U
Methyl methanesulfonate	ug/L	0.96	0.96	UJ	0.95	0.95	UJ
Naphthalene	ug/L	0.96	0.96	U	0.95	0.95	U
Nitrobenzene	ug/L	1.9	1.9	U	1.9	1.9	U
Nitroquinoline-1-oxide	ug/L	19	19	U	19	19	U
N-Nitrosodiethylamine	ug/L	0.96	0.96	U	0.95	0.95	U
N-Nitrosodimethylamine	ug/L	1.9	1.9	U	1.9	1.9	U
N-Nitrosodi-n-butylamine	ug/L	0.96	0.96	U	0.95	0.95	U
N-Nitrosodi-n-propylamine	ug/L	1.9	1.9	U	1.9	1.9	U
N-Nitrosodiphenylamine/ Diphenylamine	ug/L	2.9	2.9	U	2.8	2.8	U
N-Nitrosomethylethylamine	ug/L	1.9	1.9	U	1.9	1.9	U
N-Nitrosomorpholine	ug/L	0.96	0.96	U	0.95	0.95	U
N-Nitrosopiperidine	ug/L	0.96	0.96	U	0.95	0.95	U
N-Nitrosopyrrolidine	ug/L	1.9	1.9	U	1.9	1.9	U
o-Cresol	ug/L	1.9	1.9	U	1.9	1.9	U
o-Toluidine	ug/L	0.96	0.96	U	0.95	0.95	U
Pentachlorobenzene	ug/L	0.96	0.96	U	0.95	0.95	U
Pentachloroethane	ug/L	48	48	U	47	47	U
Pentachloronitrobenzene	ug/L	0.96	0.96	U	0.95	0.95	U
Pentachlorophenol	ug/L	2.9	2.9	U	2.8	2.8	U
Phenacetin	ug/L	3.8	3.8	U	3.8	3.8	U
Phenanthrene	ug/L	0.96	0.96	U	0.95	0.95	U
Phenol	ug/L	0.96	0.96	U	0.95	0.95	U
Pyrene	ug/L	0.96	0.96	U	0.95	0.95	U
Pyridine	ug/L	3.8	3.8	U	3.8	3.8	U
Safrole	ug/L	0.96	0.96	U	0.95	0.95	U
TRPH	mg/L	0.24	0.24	U	0.24	0.24	U

Table 2: Location 1 Analytical Results

Pesticides/Herbicides/PCBs	Units	1-PRE Result	MDL	REMARK	1-POST Result	MDL	Remark
1,2-Dibromo-3-Chloropropane	ug/L	0.01	0.01	U	0.01	0.01	U
1,2-Dibromoethane	ug/L	0.01	0.01	U	0.01	0.01	U
2,4,5-T	ug/L	0.22	0.22	U	0.21	0.21	U
2,4-D	ug/L	0.22	0.22	U	0.21	0.21	U
Alachlor	ug/L	0.6	0.6	UJ	0.57	0.57	UJ
Aldrin	ug/L	0.01	0.01	U	0.0095	0.0095	U
Alpha-BHC	ug/L	0.01	0.01	U	0.0095	0.0095	U
Ametryn	ug/L	0.05	0.05	U	0.048	0.048	U
Atrazine	ug/L	0.05	0.05	U	0.048	0.048	U
Azinphos Methyl	ug/L	0.2	0.2	U	0.19	0.19	U
Beta-BHC	ug/L	0.01	0.01	U	0.0095	0.0095	U
Bromacil	ug/L	0.2	0.2	U	0.19	0.19	U
Butylate	ug/L	0.2	0.2	UJ	0.19	0.19	UJ
Chlordane	ug/L	0.2	0.2	U	0.19	0.19	U
Chlorpyrifos Ethyl	ug/L	0.05	0.05	U	0.048	0.048	U
Chlorpyrifos Methyl	ug/L	0.1	0.1	U	0.095	0.095	U
DDD-p,p'	ug/L	0.02	0.02	U	0.019	0.019	U
DDE-p,p'	ug/L	0.02	0.02	U	0.019	0.019	U
DDT-p,p'	ug/L	0.03	0.03	U	0.029	0.029	U
Delta-BHC	ug/L	0.01	0.01	U	0.0095	0.0095	U
Diazinon	ug/L	0.05	0.05	U	0.048	0.048	U
Dieldrin	ug/L	0.02	0.02	U	0.019	0.019	U
Endosulfan I	ug/L	0.02	0.02	U	0.019	0.019	U
Endosulfan II	ug/L	0.02	0.02	U	0.019	0.019	U
Endosulfan Sulfate	ug/L	0.02	0.02	U	0.019	0.019	U
Endrin	ug/L	0.05	0.05	U	0.048	0.048	U
Endrin Aldehyde	ug/L	0.02	0.02	U	0.019	0.019	U
Ethion	ug/L	0.05	0.05	U	0.048	0.048	U
Ethoprop	ug/L	0.1	0.1	U	0.095	0.095	U

Table 2: Location 1 Analytical Results

Pesticides/Herbicides/PCBs	Units	1-PRE Result	MDL	REMARK	1-POST Result	MDL	Remark
Fenamiphos	ug/L	0.2	0.2	U	0.19	0.19	U
Fonofos	ug/L	0.1	0.1	U	0.095	0.095	U
Gamma-BHC	ug/L	0.01	0.01	U	0.0095	0.0095	U
Heptachlor	ug/L	0.01	0.01	U	0.0095	0.0095	U
Heptachlor Epoxide	ug/L	0.02	0.02	U	0.019	0.019	U
Hexazinone	ug/L	0.1	0.1	U	0.095	0.095	U
Malathion	ug/L	0.15	0.15	U	0.14	0.14	U
Metalaxyl	ug/L	0.25	0.25	U	0.24	0.24	U
Methoxychlor	ug/L	0.05	0.05	UJ	0.048	0.048	UJ
Metolachlor	ug/L	0.5	0.5	U	0.48	0.48	U
Metribuzin	ug/L	0.1	0.1	U	0.095	0.095	U
Mevinphos	ug/L	0.2	0.2	U	0.19	0.19	U
Naled	ug/L	0.8	0.8	U	0.76	0.76	U
Norflurazon	ug/L	0.15	0.15	UJ	0.14	0.14	UJ
Parathion Ethyl	ug/L	0.15	0.15	U	0.14	0.14	U
Parathion Methyl	ug/L	0.1	0.1	U	0.095	0.095	U
PCB-1016	ug/L	0.2	0.2	U	0.19	0.19	U
PCB-1221	ug/L	0.2	0.2	U	0.19	0.19	U
PCB-1232	ug/L	0.2	0.2	U	0.19	0.19	U
PCB-1242	ug/L	0.3	0.3	U	0.29	0.29	U
PCB-1248	ug/L	0.2	0.2	UJ	0.19	0.19	UJ
PCB-1254	ug/L	0.3	0.3	U	0.29	0.29	U
PCB-1260	ug/L	0.2	0.2	U	0.19	0.19	U
Phorate	ug/L	0.05	0.05	U	0.048	0.048	U
Prometryn	ug/L	0.15	0.15	U	0.14	0.14	U
Silvex	ug/L	0.22	0.22	U	0.21	0.21	U
Simazine	ug/L	0.05	0.05	U	0.048	0.048	U
Toxaphene	ug/L	0.75	0.75	U	0.71	0.71	U

Table 2: Location 1 Analytical Results

Metals	Units	1-PRE Result	MDL	REMARK	1-POST Result	MDL	Remark
Aluminum	ug/L	60	60	U	60	60	U
Antimony	ug/L	0.25	0.25	U	0.25	0.25	U
Arsenic	ug/L	0.27	0.25	I	0.3	0.25	I
Barium	ug/L	12.8	0.2		0.43	0.2	I
Beryllium	ug/L	0.025	0.025	U	0.025	0.025	U
Boron	ug/L	69	15		59	15	I
Cadmium	ug/L	0.03	0.03	U	0.03	0.03	U
Calcium	mg/L	158	0.075		3.4	0.075	
Chromium	ug/L	0.3	0.3	U	0.3	0.3	U
Cobalt	ug/L	0.084	0.03	I	0.03	0.03	U
Copper	ug/L	0.5	0.5	U	16	0.5	
Iron	ug/L	30	30	U	49	30	I
Lead	ug/L	0.2	0.2	U	1.14	0.2	
Magnesium	mg/L	10	0.04		0.17	0.04	
Manganese	ug/L	5.3	0.75		0.75	0.75	U
Mercury	ug/L	0.12	0.12	U	0.12	0.12	U
Molybdenum	ug/L	2.41	0.15		0.15	0.15	U
Nickel	ug/L	0.41	0.25	I	0.33	0.25	I
Potassium	mg/L	1.5	0.3		0.43	0.3	I
Selenium	ug/L	0.2	0.2	U	0.2	0.2	U
Silver	ug/L	0.025	0.025	U	0.025	0.025	U
Sodium	mg/L	53.1	0.5		256	2.5	
Strontium	ug/L	1.28E+03	2		24.5	2	
Thallium	ug/L	0.1	0.1	U	0.1	0.1	U
Tin	ug/L	3	3	U	3	3	U
Titanium	ug/L	0.75	0.75	U	0.75	0.75	U
Vanadium	ug/L	2	2	U	2	2	U
Zinc	ug/L	5	5	U	33	5	

Table 2: Location 1 Analytical Results

Radionuclides	Units	1-PRE Result	MDL	REMARK	1-POST Result	MDL	Remark
Alpha, Total	pCi/L	2.4			1.4		
Alpha-Counting Error	pCi/L	1.5			0.9		
Beta, Total	pCi/L	2.4			1.6		U
Beta-Counting Error	pCi/L	1.3			0.9		
Radium 226	pCi/L	0.8			0.5		
Radium 226-Counting Error	pCi/L	0.2			0.2		
Radium 228	pCi/L	0.8		U	0.9		U
Radium 228-Counting Error	pCi/L	0.5			0.6		
Additional Analytes	Units	1-PRE Result	MDL	REMARK	1-POST Result	MDL	Remark
1,4-Dioxane	ug/L	0.2	0.2	U	0.2	0.2	U
NO2NO3-N	mg N/L	0.004	0.004	U	0.004	0.004	U
Perchlorate	ug/L	1.2	1.2	U	0.6	0.6	U

0.8 Gray shading indicates analyte was detected above the laboratories method detection limit but at a concentration below any applicable Florida Drinking Water Standard or Groundwater Cleanup Target Level.

256 Yellow shading indicates analyte was detected above the laboratories method detection limit at a concentration exceeding either a Florida Drinking Water Standard or Groundwater Cleanup Target Level.

Location 2

Table 1: Summary of FDWS/GCTLs Exceedances and Radionuclides in Water Samples Collected Pre- and Post-Treatment from Location 2
February 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation

Analyte	FDWS/GCTL	2-Pre	2-Post
<i>Exceedances</i>			
Iron	300 ug/L (FSDWS)	1,010	400
<i>Radionuclides</i>			
Total Alpha	15 pCi/L (FPDWS)	ND	ND
Radium 226/228	5 pCi/L (FPDWS)	0.6	0.3
Total Beta	50 pCi/L (FDEPSL)	ND	ND
No Exceedances for Radionuclides			

FDWS=Florida Drinking Water Standard

GCTL=Ground Water Cleanup Target Level

FPDWS= Florida Primary Drinking Water Standard

FSDWS=Florida Secondary Drinking Water Standard

FDEPSL =FDEP Screening Level

ND=Non Detect

NA=Not Analyzed

Gray Shading= Analyte Detected

Yellow Shading=Exceedance of FDWS/GCTL

ug/L= micrograms per Liter

pCi/L=picocuries per Liter

mg/L=milligrams per Liter

Table 2: Location 2 Analytical Results

Volatile Organic Compounds	Units	2-PRE Result	MDL	REMARK	2-POST Result	MDL	Remark
1,1,1-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1,2,2-Tetrachloroethane	ug/L	0.5	0.5	UJ	0.5	0.5	UJ
1,1,2-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
1,2-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
1,2-Dichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,2-Dichloropropane	ug/L	0.5	0.5	U	0.5	0.5	U
1,3-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
1,4-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
Benzene	ug/L	0.2	0.2	U	0.2	0.2	U
Bromodichloromethane	ug/L	0.2	0.2	U	0.2	0.2	U
Bromoform	ug/L	0.5	0.5	U	0.5	0.5	U
Bromomethane	ug/L	0.5	0.5	UJ	0.5	0.5	UJ
Carbon tetrachloride	ug/L	0.2	0.2	U	0.2	0.2	U
Chlorobenzene	ug/L	0.2	0.2	U	0.2	0.2	U
Chloroethane	ug/L	0.5	0.5	U	0.5	0.5	U
Chloroform	ug/L	0.2	0.2	U	3.2	0.2	
Chloromethane	ug/L	0.5	0.5	U	0.5	0.5	U
cis-1,2-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
cis-1,3-Dichloropropene	ug/L	0.5	0.5	U	0.5	0.5	U
Dibromochloromethane	ug/L	0.2	0.2	U	0.2	0.2	U
Ethylbenzene	ug/L	0.5	0.5	U	0.5	0.5	U
m,p-Xylene	ug/L	0.5	0.5	U	0.5	0.5	U
Methylene chloride	ug/L	0.5	0.5	U	0.5	0.5	U
Methyl-t-butyl ether	ug/L	0.5	0.5	U	0.5	0.5	U
o-Xylene	ug/L	0.2	0.2	U	0.2	0.2	U
Tetrachloroethene	ug/L	0.5	0.5	U	0.5	0.5	U

Table 2: Location 2 Analytical Results

Volatile Organic Compounds	Units	2-PRE Result	MDL	REMARK	2-POST Result	MDL	Remark
Toluene	ug/L	0.5	0.5	U	0.5	0.5	U
trans-1,2-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
trans-1,3-Dichloropropene	ug/L	0.2	0.2	U	0.2	0.2	U
Trichloroethene	ug/L	0.2	0.2	U	0.2	0.2	U
Trichlorofluoromethane	ug/L	0.5	0.5	U	0.5	0.5	U
Vinyl chloride	ug/L	0.5	0.5	U	0.5	0.5	U
Semi-Volatile Organic Compounds	Units	2-PRE Result	MDL	REMARK	2-POST Result	MDL	Remark
1,2,4,5-Tetrachlorobenzene	ug/L	0.97	0.97	U	0.99	0.99	U
1,2,4-Trichlorobenzene	ug/L	0.97	0.97	U	0.99	0.99	U
1,3,5-Trinitrobenzene	ug/L	3.9	3.9	UJ	4	4	UJ
1,3-Dinitrobenzene	ug/L	1.9	1.9	U	2	2	U
1,4-Naphthoquinone	ug/L	19	19	UJ	20	20	UJ
1-Methylnaphthalene	ug/L	0.97	0.97	U	0.99	0.99	U
1-Naphthylamine	ug/L	9.7	9.7	U	9.9	9.9	U
2,3,4,6-Tetrachlorophenol	ug/L	1.9	1.9	U	2	2	U
2,4,5-Trichlorophenol	ug/L	0.97	0.97	U	0.99	0.99	U
2,4,6-Trichlorophenol	ug/L	0.97	0.97	U	0.99	0.99	U
2,4-Dichlorophenol	ug/L	0.97	0.97	U	0.99	0.99	U
2,4-Dimethylphenol	ug/L	9.7	9.7	U	9.9	9.9	U
2,4-Dinitrophenol	ug/L	15	15	U	15	15	U
2,4-Dinitrotoluene	ug/L	0.97	0.97	U	0.99	0.99	U
2,6-Dichlorophenol	ug/L	0.97	0.97	U	0.99	0.99	U
2,6-Dinitrotoluene	ug/L	0.97	0.97	U	0.99	0.99	U
2-Acetylaminofluorene	ug/L	0.97	0.97	U	0.99	0.99	U
2-Butanone	ug/L	5	5	U	5	5	U
2-Chloronaphthalene	ug/L	0.97	0.97	U	0.99	0.99	U
2-Chlorophenol	ug/L	0.97	0.97	U	0.99	0.99	U

Table 2: Location 2 Analytical Results

Semi-Volatile Organic Compounds	Units	2-PRE Result	MDL	REMARK	2-POST Result	MDL	Remark
2-Methyl-4,6-dinitrophenol	ug/L	2.9	2.9	U	3	3	U
2-Methylnaphthalene	ug/L	0.97	0.97	U	0.99	0.99	U
2-Naphthylamine	ug/L	9.7	9.7	U	9.9	9.9	U
2-Nitroaniline	ug/L	0.97	0.97	U	0.99	0.99	U
2-Nitrophenol	ug/L	0.97	0.97	U	0.99	0.99	U
2-Picoline	ug/L	0.97	0.97	U	0.99	0.99	U
3,3'-Dichlorobenzidine	ug/L	39	39	U	40	40	U
3,3'-Dimethylbenzidine	ug/L	19	19	UJ	20	20	UJ
3-Methylcholanthrene	ug/L	0.97	0.97	U	0.99	0.99	U
3-Nitroaniline	ug/L	0.97	0.97	U	0.99	0.99	U
4-Aminobiphenyl	ug/L	3.9	3.9	U	4	4	U
4-Bromophenyl phenyl ether	ug/L	0.97	0.97	U	0.99	0.99	U
4-Chloro-3-methylphenol	ug/L	0.97	0.97	U	0.99	0.99	U
4-Chloroaniline	ug/L	0.97	0.97	U	0.99	0.99	U
4-Chlorophenyl phenyl ether	ug/L	1.9	1.9	U	2	2	U
4-Nitroaniline	ug/L	0.97	0.97	UJ	0.99	0.99	UJ
4-Nitrophenol	ug/L	15	15	U	15	15	U
5-Nitro-o-toluidine	ug/L	0.97	0.97	U	0.99	0.99	U
7,12-Dimethylbenz(a)anthracene	ug/L	0.97	0.97	U	0.99	0.99	U
Acenaphthene	ug/L	0.97	0.97	U	0.99	0.99	U
Acenaphthylene	ug/L	0.97	0.97	U	0.99	0.99	U
Acetophenone	ug/L	0.97	0.97	U	0.99	0.99	U
Acifluorfen	ug/L	0.2	0.2	UJ	0.21	0.21	UJ
Aniline	ug/L	0.97	0.97	U	0.99	0.99	U
Anthracene	ug/L	0.97	0.97	U	0.99	0.99	U
Azobenzene/1,2-Diphenylhydrazine	ug/L	0.97	0.97	U	0.99	0.99	U
Benzidine	ug/L	97	97	U	99	99	U
Benzo(a)anthracene	ug/L	0.97	0.97	U	0.99	0.99	U

Table 2: Location 2 Analytical Results

Semi-Volatile Organic Compounds	Units	2-PRE Result	MDL	REMARK	2-POST Result	MDL	Remark
Benzo(a)pyrene	ug/L	0.97	0.97	U	0.99	0.99	U
Benzo(b)fluoranthene	ug/L	0.97	0.97	U	0.99	0.99	U
Benzo(g,h,i)perylene	ug/L	0.97	0.97	U	0.99	0.99	U
Benzo(k)fluoranthene	ug/L	0.97	0.97	U	0.99	0.99	U
Benzyl alcohol	ug/L	0.97	0.97	U	0.99	0.99	U
Bis(2-chloroethoxy)methane	ug/L	0.97	0.97	U	0.99	0.99	U
Bis(2-chloroethyl)ether	ug/L	0.97	0.97	U	0.99	0.99	U
Bis(2-chloroisopropyl)ether	ug/L	2.9	2.9	U	3	3	U
Bis(2-ethylhexyl)phthalate	ug/L	15	15	U	15	15	U
Butyl benzyl phthalate	ug/L	4.9	4.9	U	5	5	U
Carbazole	ug/L	0.97	0.97	U	0.99	0.99	U
Chrysene	ug/L	0.97	0.97	U	0.99	0.99	U
Dibenzo(a,h)anthracene	ug/L	0.97	0.97	U	0.99	0.99	U
Dibenzofuran	ug/L	0.97	0.97	U	0.99	0.99	U
Diethyl phthalate	ug/L	0.97	0.97	U	0.99	0.99	U
Dimethyl phthalate	ug/L	9.7	9.7	U	9.9	9.9	U
Dimethylaminoazobenzene	ug/L	0.97	0.97	U	0.99	0.99	U
Di-n-butyl phthalate	ug/L	4.9	4.9	U	5	5	U
Di-n-octyl phthalate	ug/L	0.97	0.97	U	0.99	0.99	U
Dinoseb	ug/L	3.9	3.9	U	4	4	U
Ethyl methanesulfonate	ug/L	0.97	0.97	U	0.99	0.99	U
Fluoranthene	ug/L	0.97	0.97	U	0.99	0.99	U
Fluorene	ug/L	0.97	0.97	U	0.99	0.99	U
Hexachlorobenzene	ug/L	0.97	0.97	U	0.99	0.99	U
Hexachlorobutadiene	ug/L	2.9	2.9	U	3	3	U
Hexachlorocyclopentadiene	ug/L	2.9	2.9	U	3	3	U
Hexachloroethane	ug/L	2.9	2.9	U	3	3	U
Hexachloropropene	ug/L	1.9	1.9	UJ	2	2	UJ

Table 2: Location 2 Analytical Results

Semi-Volatile Organic Compounds	Units	2-PRE Result	MDL	REMARK	2-POST Result	MDL	Remark
Indeno(1,2,3-cd)pyrene	ug/L	0.97	0.97	U	0.99	0.99	U
Isophorone	ug/L	0.97	0.97	U	0.99	0.99	U
Isosafrole	ug/L	0.97	0.97	U	0.99	0.99	U
m,p-Cresols	ug/L	1.9	1.9	U	2	2	U
Methapyrilene	ug/L	3.9	3.9	U	4	4	U
Methyl methanesulfonate	ug/L	0.97	0.97	UJ	0.99	0.99	UJ
Naphthalene	ug/L	0.97	0.97	U	0.99	0.99	U
Nitrobenzene	ug/L	1.9	1.9	U	2	2	U
Nitroquinoline-1-oxide	ug/L	19	19	U	20	20	U
N-Nitrosodiethylamine	ug/L	0.97	0.97	U	0.99	0.99	U
N-Nitrosodimethylamine	ug/L	1.9	1.9	U	2	2	U
N-Nitrosodi-n-butylamine	ug/L	0.97	0.97	U	0.99	0.99	U
N-Nitrosodi-n-propylamine	ug/L	1.9	1.9	U	2	2	U
N-Nitrosodiphenylamine/ Diphenylamine	ug/L	2.9	2.9	U	3	3	U
N-Nitrosomethylethylamine	ug/L	1.9	1.9	U	2	2	U
N-Nitrosomorpholine	ug/L	0.97	0.97	U	0.99	0.99	U
N-Nitrosopiperidine	ug/L	0.97	0.97	U	0.99	0.99	U
N-Nitrosopyrrolidine	ug/L	1.9	1.9	U	2	2	U
o-Cresol	ug/L	1.9	1.9	U	2	2	U
o-Toluidine	ug/L	0.97	0.97	U	0.99	0.99	U
Pentachlorobenzene	ug/L	0.97	0.97	U	0.99	0.99	U
Pentachloroethane	ug/L	49	49	U	50	50	U
Pentachloronitrobenzene	ug/L	0.97	0.97	U	0.99	0.99	U
Pentachlorophenol	ug/L	2.9	2.9	U	3	3	U
Phenacetin	ug/L	3.9	3.9	U	4	4	U
Phenanthrene	ug/L	0.97	0.97	U	0.99	0.99	U
Phenol	ug/L	0.97	0.97	U	0.99	0.99	U
Pyrene	ug/L	0.97	0.97	U	0.99	0.99	U

Table 2: Location 2 Analytical Results

Semi-Volatile Organic Compounds	Units	2-PRE Result	MDL	REMARK	2-POST Result	MDL	Remark
Pyridine	ug/L	3.9	3.9	U	4	4	U
Safrole	ug/L	0.97	0.97	U	0.99	0.99	U
TRPH	mg/L	0.24	0.24	U	0.24	0.24	U
Pesticides/Herbicides/PCBs	Units	2-PRE Result	MDL	REMARK	2-POST Result	MDL	Remark
1,2-Dibromo-3-Chloropropane	ug/L	0.01	0.01	U	0.01	0.01	U
1,2-Dibromoethane	ug/L	0.01	0.01	U	0.01	0.01	U
2,4,5-T	ug/L	0.2	0.2	U	0.21	0.21	U
2,4-D	ug/L	0.2	0.2	U	0.21	0.21	U
Alachlor	ug/L	0.58	0.58	UJ	0.58	0.58	UJ
Aldrin	ug/L	0.0097	0.0097	U	0.0097	0.0097	U
Alpha-BHC	ug/L	0.0097	0.0097	U	0.0097	0.0097	U
Ametryn	ug/L	0.048	0.048	U	0.049	0.049	U
Atrazine	ug/L	0.048	0.048	U	0.049	0.049	U
Azinphos Methyl	ug/L	0.19	0.19	U	0.19	0.19	U
Beta-BHC	ug/L	0.0097	0.0097	U	0.0097	0.0097	U
Bromacil	ug/L	0.19	0.19	U	0.19	0.19	U
Butylate	ug/L	0.19	0.19	UJ	0.19	0.19	UJ
Chlordane	ug/L	0.19	0.19	U	0.19	0.19	U
Chlorpyrifos Ethyl	ug/L	0.048	0.048	U	0.049	0.049	U
Chlorpyrifos Methyl	ug/L	0.097	0.097	U	0.097	0.097	U
DDD-p,p'	ug/L	0.019	0.019	U	0.019	0.019	U
DDE-p,p'	ug/L	0.019	0.019	U	0.019	0.019	U
DDT-p,p'	ug/L	0.029	0.029	U	0.029	0.029	U
Delta-BHC	ug/L	0.0097	0.0097	U	0.0097	0.0097	U
Diazinon	ug/L	0.048	0.048	U	0.049	0.049	U
Dieldrin	ug/L	0.019	0.019	U	0.019	0.019	U
Endosulfan I	ug/L	0.019	0.019	U	0.019	0.019	U

Table 2: Location 2 Analytical Results

Pesticides/Herbicides/PCBs	Units	2-PRE Result	MDL	REMARK	2-POST Result	MDL	Remark
Endosulfan II	ug/L	0.019	0.019	U	0.019	0.019	U
Endosulfan Sulfate	ug/L	0.019	0.019	U	0.019	0.019	U
Endrin	ug/L	0.048	0.048	U	0.049	0.049	U
Endrin Aldehyde	ug/L	0.019	0.019	U	0.019	0.019	U
Ethion	ug/L	0.048	0.048	U	0.049	0.049	U
Ethoprop	ug/L	0.097	0.097	U	0.097	0.097	U
Fenamiphos	ug/L	0.19	0.19	U	0.19	0.19	U
Fonofos	ug/L	0.097	0.097	U	0.097	0.097	U
Gamma-BHC	ug/L	0.0097	0.0097	U	0.0097	0.0097	U
Heptachlor	ug/L	0.0097	0.0097	U	0.0097	0.0097	U
Heptachlor Epoxide	ug/L	0.019	0.019	U	0.019	0.019	U
Hexazinone	ug/L	0.097	0.097	U	0.097	0.097	U
Malathion	ug/L	0.15	0.15	U	0.15	0.15	U
Metalaxyl	ug/L	0.24	0.24	U	0.24	0.24	U
Methoxychlor	ug/L	0.048	0.048	UJ	0.049	0.049	UJ
Metolachlor	ug/L	0.48	0.48	U	0.49	0.49	U
Metribuzin	ug/L	0.097	0.097	U	0.097	0.097	U
Mevinphos	ug/L	0.19	0.19	U	0.19	0.19	U
Naled	ug/L	0.77	0.77	U	0.78	0.78	U
Norflurazon	ug/L	0.15	0.15	UJ	0.15	0.15	UJ
Parathion Ethyl	ug/L	0.15	0.15	U	0.15	0.15	U
Parathion Methyl	ug/L	0.097	0.097	U	0.097	0.097	U
PCB-1016	ug/L	0.19	0.19	U	0.19	0.19	U
PCB-1221	ug/L	0.19	0.19	U	0.19	0.19	U
PCB-1232	ug/L	0.19	0.19	U	0.19	0.19	U
PCB-1242	ug/L	0.29	0.29	U	0.29	0.29	U
PCB-1248	ug/L	0.19	0.19	UJ	0.19	0.19	UJ
PCB-1254	ug/L	0.29	0.29	U	0.29	0.29	U

Table 2: Location 2 Analytical Results

Pesticides/Herbicides/PCBs	Units	2-PRE Result	MDL	REMARK	2-POST Result	MDL	Remark
PCB-1260	ug/L	0.19	0.19	U	0.19	0.19	U
Phorate	ug/L	0.048	0.048	U	0.049	0.049	U
Prometryn	ug/L	0.15	0.15	U	0.15	0.15	U
Silvex	ug/L	0.2	0.2	U	0.21	0.21	U
Simazine	ug/L	0.048	0.048	U	0.049	0.049	U
Toxaphene	ug/L	0.73	0.73	U	0.73	0.73	U
Metals	Units	2-PRE Result	MDL	REMARK	2-POST Result	MDL	Remark
Aluminum	ug/L	60	60	U	60	60	U
Antimony	ug/L	0.25	0.25	U	0.25	0.25	U
Arsenic	ug/L	0.25	0.25	U	0.25	0.25	U
Barium	ug/L	12.2	0.2		4.68	0.2	
Beryllium	ug/L	0.025	0.025	U	0.025	0.025	U
Boron	ug/L	65	15	Y	73	15	Y
Cadmium	ug/L	0.03	0.03	U	0.03	0.03	U
Calcium	mg/L	104	0.075		49.2	0.075	
Chromium	ug/L	1.2	0.3		0.75	0.3	I
Cobalt	ug/L	0.15	0.03		0.13	0.03	
Copper	ug/L	1.35	0.5		2.99	0.5	
Iron	ug/L	1.01E+03	30		400	30	
Lead	ug/L	0.2	0.2	U	0.66	0.2	I
Magnesium	mg/L	7.07	0.04		3.27	0.04	
Manganese	ug/L	9.2	0.75		4.3	0.75	
Mercury	ug/L	0.12	0.12	UY	0.12	0.12	UY
Molybdenum	ug/L	0.17	0.15	I	0.15	0.15	U
Nickel	ug/L	0.25	0.25	U	0.25	0.25	U
Potassium	mg/L	1.3	0.3		0.94	0.3	I
Selenium	ug/L	0.2	0.2	U	0.2	0.2	U

Table 2: Location 2 Analytical Results

Metals	Units	2-PRE Result	MDL	REMARK	2-POST Result	MDL	Remark
Silver	ug/L	0.025	0.025	U	0.025	0.025	U
Sodium	mg/L	20.6	0.5		94.7	0.5	
Strontium	ug/L	662	2		302	2	
Thallium	ug/L	0.1	0.1	U	0.1	0.1	U
Tin	ug/L	3	3	U	3	3	U
Titanium	ug/L	0.75	0.75	U	0.75	0.75	U
Vanadium	ug/L	2	2	U	2	2	U
Zinc	ug/L	13	5	I	5	5	U
Radionuclides	Units	2-PRE Result	MDL	REMARK	2-POST Result	MDL	Remark
Alpha, Total	pCi/L	1.5		U	1.6		U
Alpha-Counting Error	pCi/L	1			1.1		
Beta, Total	pCi/L	1.9		U	2.1		U
Beta-Counting Error	pCi/L	1.1			1.3		
Radium 226	pCi/L	0.6			0.3		
Radium 226-Counting Error	pCi/L	0.1			0.1		
Radium 228	pCi/L	0.8		U	0.9		U
Radium 228-Counting Error	pCi/L	0.5			0.6		
Additional Analytes	Units	2-PRE Result	MDL	REMARK	2-POST Result	MDL	Remark
1,4-Dioxane	ug/L	0.2	0.2	UY	0.2	0.2	UY
NO2NO3-N	mg N/L	0.004	0.004	UY	0.004	0.004	UY
Perchlorate	ug/L	1.2	1.2	U	1.2	1.2	U

0.8 Gray shading indicates analyte was detected above the laboratories method detection limit but at a concentration below any applicable Florida Drinking Water Standard or Groundwater Cleanup Target Level.

256 Yellow shading indicates analyte was detected above the laboratories method detection limit at a concentration exceeding either a Florida Drinking Water Standard or Groundwater Cleanup Target Level.

Location 3

Table 1: Summary of FDWS/GCTLs Exceedances and Radionuclides in Water Samples Collected Pre- and Post-Treatment from Location 3
February 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation

Analyte	FDWS/GCTL	3-Pre	3-Post
<i>Exceedances</i>			
None			
<i>Radionuclides</i>			
Total Alpha	15 pCi/L (FPDWS)	ND	ND
Radium 226/228	5 pCi/L (FPDWS)	0.7	ND
Total Beta	50 pCi/L (FPEDSL)	ND	ND
No Exceedances for Radionuclides			

FDWS=Florida Drinking Water Standard

GCTL=Ground Water Cleanup Target Level

FPDWS= Florida Primary Drinking Water Standard

FSDWS=Florida Secondary Drinking Water Standard

FDEPSL =FDEP Screening Level

ND=Non Detect

NA=Not Analyzed

Gray Shading= Analyte Detected

Yellow Shading=Exceedance of FDWS/GCTL

ug/L= micrograms per Liter

pCi/L=picocuries per Liter

mg/L=milligrams per Liter

Table 2: Location 3 Analytical Results

Volatile Organic Compounds	Units	3-PRE Result	MDL	Remark	3-POST Result	MDL	Remark
1,1,1-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1,2,2-Tetrachloroethane	ug/L	0.5	0.5	UJ	0.5	0.5	UJ
1,1,2-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
1,2-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
1,2-Dichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,2-Dichloropropane	ug/L	0.5	0.5	U	0.5	0.5	U
1,3-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
1,4-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
Benzene	ug/L	0.2	0.2	U	0.2	0.2	U
Bromodichloromethane	ug/L	0.2	0.2	U	0.2	0.2	U
Bromoform	ug/L	0.5	0.5	U	0.5	0.5	U
Bromomethane	ug/L	0.5	0.5	UJ	0.5	0.5	UJ
Carbon tetrachloride	ug/L	0.2	0.2	U	0.2	0.2	U
Chlorobenzene	ug/L	0.2	0.2	U	0.2	0.2	U
Chloroethane	ug/L	0.5	0.5	U	0.5	0.5	U
Chloroform	ug/L	0.2	0.2	U	0.2	0.2	U
Chloromethane	ug/L	0.5	0.5	U	0.5	0.5	U
cis-1,2-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
cis-1,3-Dichloropropene	ug/L	0.5	0.5	U	0.5	0.5	U
Dibromochloromethane	ug/L	0.2	0.2	U	0.2	0.2	U
Ethylbenzene	ug/L	0.5	0.5	U	0.5	0.5	U
m,p-Xylene	ug/L	0.5	0.5	U	0.5	0.5	U
Methylene chloride	ug/L	0.5	0.5	U	0.5	0.5	U
Methyl-t-butyl ether	ug/L	0.5	0.5	U	0.5	0.5	U
o-Xylene	ug/L	0.2	0.2	U	0.2	0.2	U
Tetrachloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
Toluene	ug/L	0.5	0.5	U	0.5	0.5	U
trans-1,2-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U

Table 2: Location 3 Analytical Results

Volatile Organic Compounds	Units	3-PRE Result	MDL	Remark	3-POST Result	MDL	Remark
trans-1,3-Dichloropropene	ug/L	0.2	0.2	U	0.2	0.2	U
Trichloroethene	ug/L	0.2	0.2	UJ	0.2	0.2	U
Trichlorofluoromethane	ug/L	0.5	0.5	U	0.5	0.5	U
Vinyl chloride	ug/L	0.5	0.5	U	0.5	0.5	U
Semi-Volatile Organic Compounds	Units	3-PRE Result	MDL	Remark	3-POST Result	MDL	Remark
1,2,4,5-Tetrachlorobenzene	ug/L	0.96	0.96	U	0.97	0.97	U
1,2,4-Trichlorobenzene	ug/L	0.96	0.96	U	0.97	0.97	U
1,3,5-Trinitrobenzene	ug/L	3.8	3.8	UJ	3.9	3.9	UJ
1,3-Dinitrobenzene	ug/L	1.9	1.9	U	1.9	1.9	U
1,4-Naphthoquinone	ug/L	19	19	UJ	19	19	UJ
1-Methylnaphthalene	ug/L	0.96	0.96	U	0.97	0.97	U
1-Naphthylamine	ug/L	9.6	9.6	U	9.7	9.7	U
2,3,4,6-Tetrachlorophenol	ug/L	1.9	1.9	U	1.9	1.9	U
2,4,5-Trichlorophenol	ug/L	0.96	0.96	U	0.97	0.97	U
2,4,6-Trichlorophenol	ug/L	0.96	0.96	U	0.97	0.97	U
2,4-Dichlorophenol	ug/L	0.96	0.96	U	0.97	0.97	U
2,4-Dimethylphenol	ug/L	9.6	9.6	U	9.7	9.7	U
2,4-Dinitrophenol	ug/L	14	14	U	15	15	U
2,4-Dinitrotoluene	ug/L	0.96	0.96	U	0.97	0.97	U
2,6-Dichlorophenol	ug/L	0.96	0.96	U	0.97	0.97	U
2,6-Dinitrotoluene	ug/L	0.96	0.96	U	0.97	0.97	U
2-Acetylaminofluorene	ug/L	0.96	0.96	U	0.97	0.97	U
2-Butanone	ug/L	5	5	U	5	5	U
2-Chloronaphthalene	ug/L	0.96	0.96	U	0.97	0.97	U
2-Chlorophenol	ug/L	0.96	0.96	U	0.97	0.97	U
2-Methyl-4,6-dinitrophenol	ug/L	2.9	2.9	U	2.9	2.9	U
2-Methylnaphthalene	ug/L	0.96	0.96	U	0.97	0.97	U
2-Naphthylamine	ug/L	9.6	9.6	U	9.7	9.7	U
2-Nitroaniline	ug/L	0.96	0.96	U	0.97	0.97	U

Table 2: Location 3 Analytical Results

Semi-Volatile Organic Compounds	Units	3-PRE Result	MDL	Remark	3-POST Result	MDL	Remark
2-Nitrophenol	ug/L	0.96	0.96	U	0.97	0.97	U
2-Picoline	ug/L	0.96	0.96	U	0.97	0.97	U
3,3'-Dichlorobenzidine	ug/L	38	38	U	39	39	U
3,3'-Dimethylbenzidine	ug/L	19	19	UJ	19	19	UJ
3-Methylcholanthrene	ug/L	0.96	0.96	U	0.97	0.97	U
3-Nitroaniline	ug/L	0.96	0.96	U	0.97	0.97	U
4-Aminobiphenyl	ug/L	3.8	3.8	U	3.9	3.9	U
4-Bromophenyl phenyl ether	ug/L	0.96	0.96	U	0.97	0.97	U
4-Chloro-3-methylphenol	ug/L	0.96	0.96	U	0.97	0.97	U
4-Chloroaniline	ug/L	0.96	0.96	U	0.97	0.97	U
4-Chlorophenyl phenyl ether	ug/L	1.9	1.9	U	1.9	1.9	U
4-Nitroaniline	ug/L	0.96	0.96	UJ	0.97	0.97	UJ
4-Nitrophenol	ug/L	14	14	U	15	15	U
5-Nitro-o-toluidine	ug/L	0.96	0.96	U	0.97	0.97	U
7,12-Dimethylbenz(a)anthracene	ug/L	0.96	0.96	U	0.97	0.97	U
Acenaphthene	ug/L	0.96	0.96	U	0.97	0.97	U
Acenaphthylene	ug/L	0.96	0.96	U	0.97	0.97	U
Acetophenone	ug/L	0.96	0.96	U	0.97	0.97	U
Acifluorfen	ug/L	0.21	0.21	UJ	0.21	0.21	UJ
Aniline	ug/L	0.96	0.96	U	0.97	0.97	U
Anthracene	ug/L	0.96	0.96	U	0.97	0.97	U
Azobenzene/1,2-Diphenylhydrazine	ug/L	0.96	0.96	U	0.97	0.97	U
Benzidine	ug/L	96	96	UJ	97	97	U
Benzo(a)anthracene	ug/L	0.96	0.96	U	0.97	0.97	U
Benzo(a)pyrene	ug/L	0.96	0.96	U	0.97	0.97	U
Benzo(b)fluoranthene	ug/L	0.96	0.96	U	0.97	0.97	U
Benzo(g,h,i)perylene	ug/L	0.96	0.96	U	0.97	0.97	U
Benzo(k)fluoranthene	ug/L	0.96	0.96	U	0.97	0.97	U
Benzyl alcohol	ug/L	0.96	0.96	U	0.97	0.97	U
Bis(2-chloroethoxy)methane	ug/L	0.96	0.96	U	0.97	0.97	U

Table 2: Location 3 Analytical Results

Semi-Volatile Organic Compounds	Units	3-PRE Result	MDL	Remark	3-POST Result	MDL	Remark
Bis(2-chloroethyl)ether	ug/L	0.96	0.96	U	0.97	0.97	U
Bis(2-chloroisopropyl)ether	ug/L	2.9	2.9	U	2.9	2.9	U
Bis(2-ethylhexyl)phthalate	ug/L	14	14	U	15	15	U
Butyl benzyl phthalate	ug/L	4.8	4.8	U	4.9	4.9	U
Carbazole	ug/L	0.96	0.96	U	0.97	0.97	U
Chrysene	ug/L	0.96	0.96	U	0.97	0.97	U
Dibenzo(a,h)anthracene	ug/L	0.96	0.96	U	0.97	0.97	U
Dibenzofuran	ug/L	0.96	0.96	U	0.97	0.97	U
Diethyl phthalate	ug/L	0.96	0.96	U	0.97	0.97	U
Dimethyl phthalate	ug/L	9.6	9.6	U	9.7	9.7	U
Dimethylaminoazobenzene	ug/L	0.96	0.96	U	0.97	0.97	U
Di-n-butyl phthalate	ug/L	4.8	4.8	U	4.9	4.9	U
Di-n-octyl phthalate	ug/L	0.96	0.96	U	0.97	0.97	U
Dinoseb	ug/L	3.8	3.8	U	3.9	3.9	U
Ethyl methanesulfonate	ug/L	0.96	0.96	U	0.97	0.97	U
Fluoranthene	ug/L	0.96	0.96	U	0.97	0.97	U
Fluorene	ug/L	0.96	0.96	U	0.97	0.97	U
Hexachlorobenzene	ug/L	0.96	0.96	U	0.97	0.97	U
Hexachlorobutadiene	ug/L	2.9	2.9	U	2.9	2.9	U
Hexachlorocyclopentadiene	ug/L	2.9	2.9	U	2.9	2.9	U
Hexachloroethane	ug/L	2.9	2.9	U	2.9	2.9	U
Hexachloropropene	ug/L	1.9	1.9	UJ	1.9	1.9	UJ
Indeno(1,2,3-cd)pyrene	ug/L	0.96	0.96	U	0.97	0.97	U
Isophorone	ug/L	0.96	0.96	U	0.97	0.97	U
Isosafrole	ug/L	0.96	0.96	U	0.97	0.97	U
m,p-Cresols	ug/L	1.9	1.9	U	1.9	1.9	U
Methapyrilene	ug/L	3.8	3.8	U	3.9	3.9	U
Methyl methanesulfonate	ug/L	0.96	0.96	UJ	0.97	0.97	UJ
Naphthalene	ug/L	0.96	0.96	U	0.97	0.97	U
Nitrobenzene	ug/L	1.9	1.9	U	1.9	1.9	U

Table 2: Location 3 Analytical Results

Semi-Volatile Organic Compounds	Units	3-PRE Result	MDL	Remark	3-POST Result	MDL	Remark
Nitroquinoline-1-oxide	ug/L	19	19	UJ	19	19	U
N-Nitrosodiethylamine	ug/L	0.96	0.96	U	0.97	0.97	U
N-Nitrosodimethylamine	ug/L	1.9	1.9	U	1.9	1.9	U
N-Nitrosodi-n-butylamine	ug/L	0.96	0.96	U	0.97	0.97	U
N-Nitrosodi-n-propylamine	ug/L	1.9	1.9	U	1.9	1.9	U
N-Nitrosodiphenylamine/ Diphenylamine	ug/L	2.9	2.9	U	2.9	2.9	U
N-Nitrosomethylethylamine	ug/L	1.9	1.9	U	1.9	1.9	U
N-Nitrosomorpholine	ug/L	0.96	0.96	U	0.97	0.97	U
N-Nitrosopiperidine	ug/L	0.96	0.96	U	0.97	0.97	U
N-Nitrosopyrrolidine	ug/L	1.9	1.9	U	1.9	1.9	U
o-Cresol	ug/L	1.9	1.9	U	1.9	1.9	U
o-Toluidine	ug/L	0.96	0.96	U	0.97	0.97	U
Pentachlorobenzene	ug/L	0.96	0.96	U	0.97	0.97	U
Pentachloroethane	ug/L	48	48	U	49	49	U
Pentachloronitrobenzene	ug/L	0.96	0.96	U	0.97	0.97	U
Pentachlorophenol	ug/L	2.9	2.9	U	2.9	2.9	U
Phenacetin	ug/L	3.8	3.8	U	3.9	3.9	U
Phenanthrene	ug/L	0.96	0.96	U	0.97	0.97	U
Phenol	ug/L	0.96	0.96	U	0.97	0.97	U
Pyrene	ug/L	0.96	0.96	U	0.97	0.97	U
Pyridine	ug/L	3.8	3.8	U	3.9	3.9	U
Safrole	ug/L	0.96	0.96	U	0.97	0.97	U
TRPH	mg/L	0.24	0.24	U	0.25	0.25	U
Pesticides/Herbicides/PCBs	Units	3-PRE Result	MDL	Remark	3-POST Result	MDL	Remark
1,2-Dibromo-3-Chloropropane	ug/L	0.01	0.01	U	0.01	0.01	U
1,2-Dibromoethane	ug/L	0.01	0.01	U	0.01	0.01	U
2,4,5-T	ug/L	0.21	0.21	U	0.21	0.21	U
2,4-D	ug/L	0.21	0.21	UJ	0.21	0.21	U
Alachlor	ug/L	0.61	0.61	UJ	0.59	0.59	UJ

Table 2: Location 3 Analytical Results

Pesticides/Herbicides/PCBs	Units	3-PRE Result	MDL	Remark	3-POST Result	MDL	Remark
Aldrin	ug/L	0.01	0.01	U	0.0099	0.0099	U
Alpha-BHC	ug/L	0.01	0.01	U	0.0099	0.0099	U
Ametryn	ug/L	0.051	0.051	U	0.05	0.05	U
Atrazine	ug/L	0.051	0.051	U	0.05	0.05	U
Azinphos Methyl	ug/L	0.2	0.2	U	0.2	0.2	U
Beta-BHC	ug/L	0.01	0.01	U	0.0099	0.0099	U
Bromacil	ug/L	0.2	0.2	U	0.2	0.2	U
Butylate	ug/L	0.2	0.2	UJ	0.2	0.2	UJ
Chlordane	ug/L	0.2	0.2	U	0.2	0.2	U
Chlorpyrifos Ethyl	ug/L	0.051	0.051	U	0.05	0.05	U
Chlorpyrifos Methyl	ug/L	0.1	0.1	U	0.099	0.099	U
DDD-p,p'	ug/L	0.02	0.02	U	0.02	0.02	U
DDE-p,p'	ug/L	0.02	0.02	U	0.02	0.02	U
DDT-p,p'	ug/L	0.03	0.03	U	0.03	0.03	U
Delta-BHC	ug/L	0.01	0.01	U	0.0099	0.0099	U
Diazinon	ug/L	0.051	0.051	U	0.05	0.05	U
Dieldrin	ug/L	0.02	0.02	U	0.02	0.02	U
Endosulfan I	ug/L	0.02	0.02	U	0.02	0.02	U
Endosulfan II	ug/L	0.02	0.02	U	0.02	0.02	U
Endosulfan Sulfate	ug/L	0.02	0.02	U	0.02	0.02	U
Endrin	ug/L	0.051	0.051	U	0.05	0.05	U
Endrin Aldehyde	ug/L	0.02	0.02	U	0.02	0.02	U
Ethion	ug/L	0.051	0.051	U	0.05	0.05	U
Ethoprop	ug/L	0.1	0.1	U	0.099	0.099	U
Fenamiphos	ug/L	0.2	0.2	U	0.2	0.2	U
Fonofos	ug/L	0.1	0.1	U	0.099	0.099	U
Gamma-BHC	ug/L	0.01	0.01	U	0.0099	0.0099	U
Heptachlor	ug/L	0.01	0.01	U	0.0099	0.0099	U
Heptachlor Epoxide	ug/L	0.02	0.02	U	0.02	0.02	U
Hexazinone	ug/L	0.1	0.1	U	0.099	0.099	U

Table 2: Location 3 Analytical Results

Pesticides/Herbicides/PCBs	Units	3-PRE Result	MDL	Remark	3-POST Result	MDL	Remark
Malathion	ug/L	0.15	0.15	U	0.15	0.15	U
Metaxyl	ug/L	0.25	0.25	U	0.25	0.25	U
Methoxychlor	ug/L	0.051	0.051	UJ	0.05	0.05	UJ
Metolachlor	ug/L	0.51	0.51	U	0.5	0.5	U
Metribuzin	ug/L	0.1	0.1	U	0.099	0.099	U
Mevinphos	ug/L	0.2	0.2	U	0.2	0.2	U
Naled	ug/L	0.81	0.81	U	0.79	0.79	U
Norflurazon	ug/L	0.15	0.15	UJ	0.15	0.15	UJ
Parathion Ethyl	ug/L	0.15	0.15	U	0.15	0.15	U
Parathion Methyl	ug/L	0.1	0.1	U	0.099	0.099	U
PCB-1016	ug/L	0.2	0.2	U	0.2	0.2	U
PCB-1221	ug/L	0.2	0.2	U	0.2	0.2	U
PCB-1232	ug/L	0.2	0.2	U	0.2	0.2	U
PCB-1242	ug/L	0.3	0.3	U	0.3	0.3	U
PCB-1248	ug/L	0.2	0.2	UJ	0.2	0.2	UJ
PCB-1254	ug/L	0.3	0.3	U	0.3	0.3	U
PCB-1260	ug/L	0.2	0.2	U	0.2	0.2	U
Phorate	ug/L	0.051	0.051	U	0.05	0.05	U
Prometryn	ug/L	0.15	0.15	U	0.15	0.15	U
Silvex	ug/L	0.21	0.21	U	0.21	0.21	U
Simazine	ug/L	0.051	0.051	U	0.05	0.05	U
Toxaphene	ug/L	0.76	0.76	U	0.74	0.74	U
Metals	Units	3-PRE Result	MDL	Remark	3-POST Result	MDL	Remark
Aluminum	ug/L	60	60	U	60	60	U
Antimony	ug/L	0.25	0.25	U	0.25	0.25	U
Arsenic	ug/L	0.25	0.25	U	0.25	0.25	U
Barium	ug/L	13.6	0.2		0.96	0.2	
Beryllium	ug/L	0.025	0.025	U	0.025	0.025	U
Boron	ug/L	80	15		68	15	

Table 2: Location 3 Analytical Results

Metals	Units	3-PRE Result	MDL	Remark	3-POST Result	MDL	Remark
Cadmium	ug/L	0.03	0.03	U	0.03	0.03	U
Calcium	mg/L	138	0.075		4	0.075	
Chromium	ug/L	0.3	0.3	U	0.3	0.3	U
Cobalt	ug/L	0.08	0.03	I	0.03	0.03	U
Copper	ug/L	0.58	0.5		1.43	0.5	
Iron	ug/L	210	30		30	30	U
Lead	ug/L	0.2	0.2	U	0.2	0.2	U
Magnesium	mg/L	11.1	0.04		0.29	0.04	
Manganese	ug/L	4.2	0.75		0.75	0.75	U
Mercury	ug/L	0.12	0.12	U	0.12	0.12	U
Molybdenum	ug/L	0.25	0.15	I	0.15	0.15	U
Nickel	ug/L	0.25	0.25	U	0.25	0.25	U
Potassium	mg/L	1.1	0.3	I	0.3	0.3	U
Selenium	ug/L	0.2	0.2	U	0.2	0.2	U
Silver	ug/L	0.025	0.025	U	0.025	0.025	U
Sodium	mg/L	35.9	0.5		9.6	0.5	
Strontium	ug/L	1.08E+03	2		30.1	2	
Thallium	ug/L	0.1	0.1	U	0.1	0.1	U
Tin	ug/L	3	3	U	3	3	U
Titanium	ug/L	0.75	0.75	U	0.75	0.75	U
Vanadium	ug/L	2	2	U	2	2	U
Zinc	ug/L	5	5	U	5	5	U
Radionuclides	Units	3-PRE Result	MDL	Remark	3-POST Result	MDL	Remark
Alpha, Total	pCi/L	1.3		U	0.9		U
Alpha-Counting Error	pCi/L	0.9			0.6		
Beta, Total	pCi/L	1.9		U	1.6		U
Beta-Counting Error	pCi/L	1.1			1		
Radium 226	pCi/L	0.7			0.2		U
Radium 226-Counting Error	pCi/L	0.1			0.1		

Table 2: Location 3 Analytical Results

Radionuclides	Units	3-PRE Result	MDL	Remark	3-POST Result	MDL	Remark
Radium 228	pCi/L	0.8		U	0.9		U
Radium 228-Counting Error	pCi/L	0.5			0.6		
Additional Analytes	Units	3-PRE Result	MDL	Remark	3-POST Result	MDL	Remark
1,4-Dioxane	ug/L	0.2	0.2	U	0.2	0.2	U
NO2NO3-N	mg N/L	0.004	0.004	U	0.004	0.004	U
Perchlorate	ug/L	1.2	1.2	U	0.3	0.3	U

0.8 Gray shading indicates analyte was detected above the laboratories method detection limit but at a concentration below any applicable Florida Drinking Water Standard or Groundwater Cleanup Target Level.

256 Yellow shading indicates analyte was detected above the laboratories method detection limit at a concentration exceeding either a Florida Drinking Water Standard or Groundwater Cleanup Target Level.

Location 4

Table 1: Summary of FDWS/GCTLs Exceedances and Radionuclides in Water Samples Collected Pre- and Post-Treatment from Location 4
February 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation

Analyte	FDWS/GCTL	4-Pre	4-Post
<i>Exceedances</i>			
Iron	300 ug/L (FSDWS)	670	150
<i>Radionuclides</i>			
Total Alpha	15 pCi/L (FPDWS)	3.2	2.3
Radium 226/228	5 pCi/L (FPDWS)	1.0	0.4
Total Beta	50 pCi/L (FDEPSL)	2.0	ND
No Exceedances for Radionuclides			

FDWS=Florida Drinking Water Standard

GCTL=Ground Water Cleanup Target Level

FPDWS= Florida Primary Drinking Water Standard

FSDWS=Florida Secondary Drinking Water Standard

FDEPSL=FDEP Screening Level

ND=Non Detect

NA=Not Analyzed

Gray Shading= Analyte Detected

Yellow Shading=Exceedance of FDWS/GCTL

ug/L= micrograms per Liter

pCi/L=picocuries per Liter

mg/L=milligrams per Liter

Table 2: Location 4 Analytical Results

Volatile Organic Compounds	Units	4-PRE Results	MDL	Remark	4-POST Results	MDL	Remark
1,1,1-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1,2,2-Tetrachloroethane	ug/L	0.5	0.5	UJ	0.5	0.5	UJ
1,1,2-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
1,2-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
1,2-Dichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,2-Dichloropropane	ug/L	0.5	0.5	U	0.5	0.5	U
1,3-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
1,4-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
Benzene	ug/L	0.2	0.2	U	0.2	0.2	U
Bromodichloromethane	ug/L	0.2	0.2	U	0.2	0.2	U
Bromoform	ug/L	0.5	0.5	U	0.5	0.5	U
Bromomethane	ug/L	0.5	0.5	UJ	0.5	0.5	UJ
Carbon tetrachloride	ug/L	0.2	0.2	U	0.2	0.2	U
Chlorobenzene	ug/L	0.2	0.2	U	0.2	0.2	U
Chloroethane	ug/L	0.5	0.5	U	0.5	0.5	U
Chloroform	ug/L	0.2	0.2	U	1.1	0.2	
Chloromethane	ug/L	0.5	0.5	U	0.5	0.5	U
cis-1,2-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
cis-1,3-Dichloropropene	ug/L	0.5	0.5	U	0.5	0.5	U
Dibromochloromethane	ug/L	0.2	0.2	U	0.2	0.2	U
Ethylbenzene	ug/L	0.5	0.5	U	0.5	0.5	U
m,p-Xylene	ug/L	0.5	0.5	U	0.5	0.5	U
Methylene chloride	ug/L	0.5	0.5	U	0.5	0.5	U
Methyl-t-butyl ether	ug/L	0.5	0.5	U	0.5	0.5	U
o-Xylene	ug/L	0.2	0.2	U	0.2	0.2	U
Tetrachloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
Toluene	ug/L	0.5	0.5	U	0.5	0.5	U
trans-1,2-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U

Table 2: Location 4 Analytical Results

Volatile Organic Compounds	Units	4-PRE Results	MDL	Remark	4-POST Results	MDL	Remark
trans-1,3-Dichloropropene	ug/L	0.2	0.2	U	0.2	0.2	U
Trichloroethene	ug/L	0.2	0.2	U	0.2	0.2	U
Trichlorofluoromethane	ug/L	0.5	0.5	U	0.5	0.5	U
Vinyl chloride	ug/L	0.5	0.5	U	0.5	0.5	U
Semi-Volatile Organic Compounds	Units	4-PRE Results	MDL	Remark	4-POST Results	MDL	Remark
1,2,4,5-Tetrachlorobenzene	ug/L	0.98	0.98	U	0.97	0.97	U
1,2,4-Trichlorobenzene	ug/L	0.98	0.98	U	0.97	0.97	U
1,3,5-Trinitrobenzene	ug/L	3.9	3.9	UJ	3.9	3.9	UJ
1,3-Dinitrobenzene	ug/L	2	2	U	1.9	1.9	U
1,4-Naphthoquinone	ug/L	20	20	UJ	19	19	UJ
1-Methylnaphthalene	ug/L	0.98	0.98	U	0.97	0.97	U
1-Naphthylamine	ug/L	9.8	9.8	U	9.7	9.7	U
2,3,4,6-Tetrachlorophenol	ug/L	2	2	U	1.9	1.9	U
2,4,5-Trichlorophenol	ug/L	0.98	0.98	U	0.97	0.97	U
2,4,6-Trichlorophenol	ug/L	0.98	0.98	U	0.97	0.97	U
2,4-Dichlorophenol	ug/L	0.98	0.98	U	0.97	0.97	U
2,4-Dimethylphenol	ug/L	9.8	9.8	U	9.7	9.7	U
2,4-Dinitrophenol	ug/L	15	15	U	15	15	U
2,4-Dinitrotoluene	ug/L	0.98	0.98	U	0.97	0.97	U
2,6-Dichlorophenol	ug/L	0.98	0.98	U	0.97	0.97	U
2,6-Dinitrotoluene	ug/L	0.98	0.98	U	0.97	0.97	U
2-Acetylaminofluorene	ug/L	0.98	0.98	U	0.97	0.97	U
2-Butanone	ug/L	5	5	U	5	5	U
2-Chloronaphthalene	ug/L	0.98	0.98	U	0.97	0.97	U
2-Chlorophenol	ug/L	0.98	0.98	U	0.97	0.97	U
2-Methyl-4,6-dinitrophenol	ug/L	2.9	2.9	U	2.9	2.9	U
2-Methylnaphthalene	ug/L	0.98	0.98	U	0.97	0.97	U
2-Naphthylamine	ug/L	9.8	9.8	U	9.7	9.7	U
2-Nitroaniline	ug/L	0.98	0.98	U	0.97	0.97	U

Table 2: Location 4 Analytical Results

Semi-Volatile Organic Compounds	Units	4-PRE Results	MDL	Remark	4-POST Results	MDL	Remark
2-Nitrophenol	ug/L	0.98	0.98	U	0.97	0.97	U
2-Picoline	ug/L	0.98	0.98	U	0.97	0.97	U
3,3'-Dichlorobenzidine	ug/L	39	39	U	39	39	U
3,3'-Dimethylbenzidine	ug/L	20	20	UJ	19	19	UJ
3-Methylcholanthrene	ug/L	0.98	0.98	U	0.97	0.97	U
3-Nitroaniline	ug/L	0.98	0.98	U	0.97	0.97	U
4-Aminobiphenyl	ug/L	3.9	3.9	U	3.9	3.9	U
4-Bromophenyl phenyl ether	ug/L	0.98	0.98	U	0.97	0.97	U
4-Chloro-3-methylphenol	ug/L	0.98	0.98	U	0.97	0.97	U
4-Chloroaniline	ug/L	0.98	0.98	U	0.97	0.97	U
4-Chlorophenyl phenyl ether	ug/L	2	2	U	1.9	1.9	U
4-Nitroaniline	ug/L	0.98	0.98	UJ	0.97	0.97	UJ
4-Nitrophenol	ug/L	15	15	U	15	15	U
5-Nitro-o-toluidine	ug/L	0.98	0.98	U	0.97	0.97	U
7,12-Dimethylbenz(a)anthracene	ug/L	0.98	0.98	U	0.97	0.97	U
Acenaphthene	ug/L	0.98	0.98	U	0.97	0.97	U
Acenaphthylene	ug/L	0.98	0.98	U	0.97	0.97	U
Acetophenone	ug/L	0.98	0.98	U	0.97	0.97	U
Acifluorfen	ug/L	0.21	0.21	UJ	0.21	0.21	UJ
Aniline	ug/L	0.98	0.98	U	0.97	0.97	U
Anthracene	ug/L	0.98	0.98	U	0.97	0.97	U
Azobenzene/1,2-Diphenylhydrazine	ug/L	0.98	0.98	U	0.97	0.97	U
Benzidine	ug/L	98	98	U	97	97	U
Benzo(a)anthracene	ug/L	0.98	0.98	U	0.97	0.97	U
Benzo(a)pyrene	ug/L	0.98	0.98	U	0.97	0.97	U
Benzo(b)fluoranthene	ug/L	0.98	0.98	U	0.97	0.97	U
Benzo(g,h,i)perylene	ug/L	0.98	0.98	U	0.97	0.97	U
Benzo(k)fluoranthene	ug/L	0.98	0.98	U	0.97	0.97	U
Benzyl alcohol	ug/L	0.98	0.98	U	0.97	0.97	U
Bis(2-chloroethoxy)methane	ug/L	0.98	0.98	U	0.97	0.97	U

Table 2: Location 4 Analytical Results

Semi-Volatile Organic Compounds	Units	4-PRE Results	MDL	Remark	4-POST Results	MDL	Remark
Bis(2-chloroethyl)ether	ug/L	0.98	0.98	U	0.97	0.97	U
Bis(2-chloroisopropyl)ether	ug/L	2.9	2.9	U	2.9	2.9	U
Bis(2-ethylhexyl)phthalate	ug/L	15	15	U	15	15	U
Butyl benzyl phthalate	ug/L	4.9	4.9	U	4.9	4.9	U
Carbazole	ug/L	0.98	0.98	U	0.97	0.97	U
Chrysene	ug/L	0.98	0.98	U	0.97	0.97	U
Dibenzo(a,h)anthracene	ug/L	0.98	0.98	U	0.97	0.97	U
Dibenzofuran	ug/L	0.98	0.98	U	0.97	0.97	U
Diethyl phthalate	ug/L	0.98	0.98	U	0.97	0.97	U
Dimethyl phthalate	ug/L	9.8	9.8	U	9.7	9.7	U
Dimethylaminoazobenzene	ug/L	0.98	0.98	U	0.97	0.97	U
Di-n-butyl phthalate	ug/L	4.9	4.9	U	4.9	4.9	U
Di-n-octyl phthalate	ug/L	0.98	0.98	U	0.97	0.97	U
Dinoseb	ug/L	3.9	3.9	U	3.9	3.9	U
Ethyl methanesulfonate	ug/L	0.98	0.98	U	0.97	0.97	U
Fluoranthene	ug/L	0.98	0.98	U	0.97	0.97	U
Fluorene	ug/L	0.98	0.98	U	0.97	0.97	U
Hexachlorobenzene	ug/L	0.98	0.98	U	0.97	0.97	U
Hexachlorobutadiene	ug/L	2.9	2.9	U	2.9	2.9	U
Hexachlorocyclopentadiene	ug/L	2.9	2.9	U	2.9	2.9	U
Hexachloroethane	ug/L	2.9	2.9	U	2.9	2.9	U
Hexachloropropene	ug/L	2	2	UJ	1.9	1.9	UJ
Indeno(1,2,3-cd)pyrene	ug/L	0.98	0.98	U	0.97	0.97	U
Isophorone	ug/L	0.98	0.98	U	0.97	0.97	U
Isosafrole	ug/L	0.98	0.98	U	0.97	0.97	U
m,p-Cresols	ug/L	2	2	U	1.9	1.9	U
Methapyrilene	ug/L	3.9	3.9	U	3.9	3.9	U
Methyl methanesulfonate	ug/L	0.98	0.98	UJ	0.97	0.97	UJ
Naphthalene	ug/L	0.98	0.98	U	0.97	0.97	U
Nitrobenzene	ug/L	2	2	U	1.9	1.9	U

Table 2: Location 4 Analytical Results

Semi-Volatile Organic Compounds	Units	4-PRE Results	MDL	Remark	4-POST Results	MDL	Remark
Nitroquinoline-1-oxide	ug/L	20	20	U	19	19	U
N-Nitrosodiethylamine	ug/L	0.98	0.98	U	0.97	0.97	U
N-Nitrosodimethylamine	ug/L	2	2	U	1.9	1.9	U
N-Nitrosodi-n-butylamine	ug/L	0.98	0.98	U	0.97	0.97	U
N-Nitrosodi-n-propylamine	ug/L	2	2	U	1.9	1.9	U
N-Nitrosodiphenylamine/ Diphenylamine	ug/L	2.9	2.9	U	2.9	2.9	U
N-Nitrosomethylethylamine	ug/L	2	2	U	1.9	1.9	U
N-Nitrosomorpholine	ug/L	0.98	0.98	U	0.97	0.97	U
N-Nitrosopiperidine	ug/L	0.98	0.98	U	0.97	0.97	U
N-Nitrosopyrrolidine	ug/L	2	2	U	1.9	1.9	U
o-Cresol	ug/L	2	2	U	1.9	1.9	U
o-Toluidine	ug/L	0.98	0.98	U	0.97	0.97	U
Pentachlorobenzene	ug/L	0.98	0.98	U	0.97	0.97	U
Pentachloroethane	ug/L	49	49	U	49	49	U
Pentachloronitrobenzene	ug/L	0.98	0.98	U	0.97	0.97	U
Pentachlorophenol	ug/L	2.9	2.9	U	2.9	2.9	U
Phenacetin	ug/L	3.9	3.9	U	3.9	3.9	U
Phenanthrene	ug/L	0.98	0.98	U	0.97	0.97	U
Phenol	ug/L	0.98	0.98	U	0.97	0.97	U
Pyrene	ug/L	0.98	0.98	U	0.97	0.97	U
Pyridine	ug/L	3.9	3.9	U	3.9	3.9	U
Safrole	ug/L	0.98	0.98	U	0.97	0.97	U
TRPH	mg/L	0.25	0.25	U	0.25	0.25	U
Pesticides/Herbicides/PCBs	Units	4-PRE Results	MDL	Remark	4-POST Results	MDL	Remark
1,2-Dibromo-3-Chloropropane	ug/L	0.01	0.01	U	0.01	0.01	U
1,2-Dibromoethane	ug/L	0.01	0.01	U	0.01	0.01	U
2,4,5-T	ug/L	0.21	0.21	U	0.21	0.21	U
2,4-D	ug/L	0.21	0.21	U	0.21	0.21	U
Alachlor	ug/L	0.6	0.6	UJ	0.59	0.59	UJ

Table 2: Location 4 Analytical Results

Pesticides/Herbicides/PCBs	Units	4-PRE Results	MDL	Remark	4-POST Results	MDL	Remark
Aldrin	ug/L	0.01	0.01	U	0.0099	0.0099	U
Alpha-BHC	ug/L	0.01	0.01	U	0.0099	0.0099	U
Ametryn	ug/L	0.05	0.05	U	0.049	0.049	U
Atrazine	ug/L	0.05	0.05	U	0.049	0.049	U
Azinphos Methyl	ug/L	0.2	0.2	U	0.2	0.2	U
Beta-BHC	ug/L	0.01	0.01	U	0.0099	0.0099	U
Bromacil	ug/L	0.2	0.2	U	0.2	0.2	U
Butylate	ug/L	0.2	0.2	UJ	0.2	0.2	UJ
Chlordane	ug/L	0.2	0.2	U	0.2	0.2	U
Chlorpyrifos Ethyl	ug/L	0.05	0.05	U	0.049	0.049	U
Chlorpyrifos Methyl	ug/L	0.1	0.1	U	0.099	0.099	U
DDD-p,p'	ug/L	0.02	0.02	U	0.02	0.02	U
DDE-p,p'	ug/L	0.02	0.02	U	0.02	0.02	U
DDT-p,p'	ug/L	0.03	0.03	U	0.03	0.03	U
Delta-BHC	ug/L	0.01	0.01	U	0.0099	0.0099	U
Diazinon	ug/L	0.05	0.05	U	0.049	0.049	U
Dieldrin	ug/L	0.02	0.02	U	0.02	0.02	U
Endosulfan I	ug/L	0.02	0.02	U	0.02	0.02	U
Endosulfan II	ug/L	0.02	0.02	U	0.02	0.02	U
Endosulfan Sulfate	ug/L	0.02	0.02	U	0.02	0.02	U
Endrin	ug/L	0.05	0.05	U	0.049	0.049	U
Endrin Aldehyde	ug/L	0.02	0.02	U	0.02	0.02	U
Ethion	ug/L	0.05	0.05	U	0.049	0.049	U
Ethoprop	ug/L	0.1	0.1	U	0.099	0.099	U
Fenamiphos	ug/L	0.2	0.2	U	0.2	0.2	U
Fonofos	ug/L	0.1	0.1	U	0.099	0.099	U
Gamma-BHC	ug/L	0.01	0.01	U	0.0099	0.0099	U
Heptachlor	ug/L	0.01	0.01	U	0.0099	0.0099	U
Heptachlor Epoxide	ug/L	0.02	0.02	U	0.02	0.02	U
Hexazinone	ug/L	0.1	0.1	U	0.099	0.099	U

Table 2: Location 4 Analytical Results

Pesticides/Herbicides/PCBs	Units	4-PRE Results	MDL	Remark	4-POST Results	MDL	Remark
Malathion	ug/L	0.15	0.15	U	0.15	0.15	U
Metalaxyl	ug/L	0.25	0.25	U	0.25	0.25	U
Methoxychlor	ug/L	0.05	0.05	UJ	0.049	0.049	UJ
Metolachlor	ug/L	0.5	0.5	U	0.49	0.49	U
Metribuzin	ug/L	0.1	0.1	U	0.099	0.099	U
Mevinphos	ug/L	0.2	0.2	U	0.2	0.2	U
Naled	ug/L	0.8	0.8	U	0.79	0.79	U
Norflurazon	ug/L	0.15	0.15	UJ	0.15	0.15	UJ
Parathion Ethyl	ug/L	0.15	0.15	U	0.15	0.15	U
Parathion Methyl	ug/L	0.1	0.1	U	0.099	0.099	U
PCB-1016	ug/L	0.2	0.2	U	0.2	0.2	U
PCB-1221	ug/L	0.2	0.2	U	0.2	0.2	U
PCB-1232	ug/L	0.2	0.2	U	0.2	0.2	U
PCB-1242	ug/L	0.3	0.3	U	0.3	0.3	U
PCB-1248	ug/L	0.2	0.2	UJ	0.2	0.2	UJ
PCB-1254	ug/L	0.3	0.3	U	0.3	0.3	U
PCB-1260	ug/L	0.2	0.2	U	0.2	0.2	U
Phorate	ug/L	0.05	0.05	U	0.049	0.049	U
Prometryn	ug/L	0.15	0.15	U	0.15	0.15	U
Silvex	ug/L	0.21	0.21	U	0.21	0.21	U
Simazine	ug/L	0.05	0.05	U	0.049	0.049	U
Toxaphene	ug/L	0.75	0.75	U	0.74	0.74	U
Metals	Units	4-PRE Results	MDL	Remark	4-POST Results	MDL	Remark
Aluminum	ug/L	60	60	U	60	60	U
Antimony	ug/L	0.25	0.25	U	0.25	0.25	U
Arsenic	ug/L	0.81	0.25	I	0.25	0.25	U
Barium	ug/L	28.6	0.2	A	18.5	0.2	
Beryllium	ug/L	0.025	0.025	U	0.043	0.025	I
Boron	ug/L	47	15	I	49	15	I

Table 2: Location 4 Analytical Results

Metals	Units	4-PRE Results	MDL	Remark	4-POST Results	MDL	Remark
Cadmium	ug/L	0.03	0.03	U	0.03	0.03	U
Calcium	mg/L	143	0.075	A	135	0.075	
Chromium	ug/L	0.3	0.3	U	0.3	0.3	U
Cobalt	ug/L	0.077	0.03	I	0.056	0.03	I
Copper	ug/L	0.85	0.5	A	2.36	0.5	
Iron	ug/L	670	30	A	150	30	
Lead	ug/L	0.2	0.2	U	0.2	0.2	U
Magnesium	mg/L	6.43	0.04	A	6.61	0.04	
Manganese	ug/L	10.8	0.75	A	12.7	0.75	
Mercury	ug/L	0.12	0.12	U	0.12	0.12	U
Molybdenum	ug/L	1.32	0.15	A	0.32	0.15	I
Nickel	ug/L	0.43	0.25	I	0.45	0.25	I
Potassium	mg/L	0.55	0.3	I	0.6	0.3	I
Selenium	ug/L	0.27	0.2	I	0.2	0.2	U
Silver	ug/L	0.025	0.025	U	0.025	0.025	U
Sodium	mg/L	30.1	0.5	A	30.9	0.5	
Strontium	ug/L	848	2	A	771	2	
Thallium	ug/L	0.1	0.1	U	0.1	0.1	U
Tin	ug/L	3	3	U	3	3	U
Titanium	ug/L	0.75	0.75	U	0.75	0.75	U
Vanadium	ug/L	2	2	U	2	2	U
Zinc	ug/L	5	5	U	5	5	U
Radionuclides	Units	4-PRE Results	MDL	Remark	4-POST Results	MDL	Remark
Alpha, Total	pCi/L	3.2			2.3		
Alpha-Counting Error	pCi/L	0.8			0.8		
Beta, Total	pCi/L	2			1.3		U
Beta-Counting Error	pCi/L	0.9			0.8		
Radium 226	pCi/L	1			0.4		
Radium 226-Counting Error	pCi/L	0.2			0.2		

Table 2: Location 4 Analytical Results

Radionuclides	Units	4-PRE Results	MDL	Remark	4-POST Results	MDL	Remark
Radium 228	pCi/L	0.8		U	1		U
Radium 228-Counting Error	pCi/L	0.5			0.6		
Additional Analytes	Units	4-PRE Results	MDL	Remark	4-POST Results	MDL	Remark
1,4-Dioxane	ug/L	0.2	0.2	U	0.2	0.2	U
NO2NO3-N	mg N/L	0.004	0.004	U	0.005	0.004	I
Perchlorate	ug/L	1.2	1.2	U	0.6	0.6	U

0.8 Gray shading indicates analyte was detected above the laboratories method detection limit but at a concentration below any applicable Florida Drinking Water Standard or Groundwater Cleanup Target Level.

256 Yellow shading indicates analyte was detected above the laboratories method detection limit at a concentration exceeding either a Florida Drinking Water Standard or Groundwater Cleanup Target Level.

Location 5

Table 1: Summary of FDWS/GCTLs Exceedances and Radionuclides in Water Samples Collected Pre- and Post-Treatment from Location 5
February 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation

Analyte	FDWS/GCTL	5-Pre	5-Post
<i>Exceedances</i>			
Iron	300 ug/L (FSDWS)	1,810	39
Sodium	160 mg/L (FPDWS)	115	329
<i>Radionuclides</i>			
Total Alpha	15 pCi/L (FPDWS)	7.8	ND
Radium 226/228	5 pCi/L (FPDWS)	2.1	0.5
Total Beta	50 pCi/L (FDEPSL)	ND	ND
No Exceedances for Radionuclides			

FDWS=Florida Drinking Water Standard

GCTL=Ground Water Cleanup Target Level

FPDWS= Florida Primary Drinking Water Standard

FSDWS=Florida Secondary Drinking Water Standard

FDEPSL=FDEP Screening Level

ND=Non Detect

NA=Not Analyzed

Gray Shading= Analyte Detected

Yellow Shading=Exceedance of FDWS/GCTL

ug/L= micrograms per Liter

pCi/L=picocuries per Liter

mg/L=milligrams per Liter

Table 2: Location 5 Analytical Results

Volatile Organic Compounds	Units	5-PRE Results	MDL	Remark	5-POST Results	MDL	Remark
1,1,1-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1,2,2-Tetrachloroethane	ug/L	0.5	0.5	UJ	0.5	0.5	UJ
1,1,2-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
1,2-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
1,2-Dichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,2-Dichloropropane	ug/L	0.5	0.5	U	0.5	0.5	U
1,3-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
1,4-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
Benzene	ug/L	0.2	0.2	U	0.2	0.2	U
Bromodichloromethane	ug/L	0.2	0.2	U	0.2	0.2	U
Bromoform	ug/L	0.5	0.5	U	0.5	0.5	U
Bromomethane	ug/L	0.5	0.5	UJ	0.5	0.5	UJ
Carbon tetrachloride	ug/L	0.2	0.2	U	0.2	0.2	U
Chlorobenzene	ug/L	0.2	0.2	U	0.2	0.2	U
Chloroethane	ug/L	0.5	0.5	U	0.5	0.5	U
Chloroform	ug/L	0.2	0.2	U	0.35	0.2	I
Chloromethane	ug/L	0.5	0.5	U	0.5	0.5	U
cis-1,2-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
cis-1,3-Dichloropropene	ug/L	0.5	0.5	U	0.5	0.5	U
Dibromochloromethane	ug/L	0.2	0.2	U	0.2	0.2	U
Ethylbenzene	ug/L	0.5	0.5	U	0.5	0.5	U
m,p-Xylene	ug/L	0.5	0.5	U	0.5	0.5	U
Methylene chloride	ug/L	0.5	0.5	U	0.5	0.5	U
Methyl-t-butyl ether	ug/L	0.5	0.5	U	0.5	0.5	U
o-Xylene	ug/L	0.2	0.2	U	0.2	0.2	U
Tetrachloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
Toluene	ug/L	0.5	0.5	U	0.5	0.5	U
trans-1,2-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U

Table 2: Location 5 Analytical Results

Volatile Organic Compounds	Units	5-PRE Results	MDL	Remark	5-POST Results	MDL	Remark
trans-1,3-Dichloropropene	ug/L	0.2	0.2	U	0.2	0.2	U
Trichloroethene	ug/L	0.2	0.2	U	0.2	0.2	U
Trichlorofluoromethane	ug/L	0.5	0.5	U	0.5	0.5	U
Vinyl chloride	ug/L	0.5	0.5	U	0.5	0.5	U
Semi-Volatile Organic Compounds	Units	5-PRE Results	MDL	Remark	5-POST Results	MDL	Remark
1,2,4,5-Tetrachlorobenzene	ug/L	0.95	0.95	U	0.97	0.97	U
1,2,4-Trichlorobenzene	ug/L	0.95	0.95	U	0.97	0.97	U
1,3,5-Trinitrobenzene	ug/L	3.8	3.8	UJ	3.9	3.9	UJ
1,3-Dinitrobenzene	ug/L	1.9	1.9	U	1.9	1.9	U
1,4-Naphthoquinone	ug/L	19	19	UJ	19	19	UJ
1-Methylnaphthalene	ug/L	0.95	0.95	U	0.97	0.97	U
1-Naphthylamine	ug/L	9.5	9.5	U	9.7	9.7	U
2,3,4,6-Tetrachlorophenol	ug/L	1.9	1.9	U	1.9	1.9	U
2,4,5-Trichlorophenol	ug/L	0.95	0.95	U	0.97	0.97	U
2,4,6-Trichlorophenol	ug/L	0.95	0.95	U	0.97	0.97	U
2,4-Dichlorophenol	ug/L	0.95	0.95	U	0.97	0.97	U
2,4-Dimethylphenol	ug/L	9.5	9.5	U	9.7	9.7	U
2,4-Dinitrophenol	ug/L	14	14	U	15	15	U
2,4-Dinitrotoluene	ug/L	0.95	0.95	U	0.97	0.97	U
2,6-Dichlorophenol	ug/L	0.95	0.95	U	0.97	0.97	U
2,6-Dinitrotoluene	ug/L	0.95	0.95	U	0.97	0.97	U
2-Acetylaminofluorene	ug/L	0.95	0.95	U	0.97	0.97	U
2-Butanone	ug/L	5	5	U	5	5	U
2-Chloronaphthalene	ug/L	0.95	0.95	U	0.97	0.97	U
2-Chlorophenol	ug/L	0.95	0.95	U	0.97	0.97	U
2-Methyl-4,6-dinitrophenol	ug/L	2.9	2.9	U	2.9	2.9	U
2-Methylnaphthalene	ug/L	0.95	0.95	U	0.97	0.97	U
2-Naphthylamine	ug/L	9.5	9.5	U	9.7	9.7	U
2-Nitroaniline	ug/L	0.95	0.95	U	0.97	0.97	U

Table 2: Location 5 Analytical Results

Semi-Volatile Organic Compounds	Units	5-PRE Results	MDL	Remark	5-POST Results	MDL	Remark
2-Nitrophenol	ug/L	0.95	0.95	U	0.97	0.97	U
2-Picoline	ug/L	0.95	0.95	U	0.97	0.97	U
3,3'-Dichlorobenzidine	ug/L	38	38	U	39	39	U
3,3'-Dimethylbenzidine	ug/L	19	19	UJ	19	19	UJ
3-Methylcholanthrene	ug/L	0.95	0.95	U	0.97	0.97	U
3-Nitroaniline	ug/L	0.95	0.95	U	0.97	0.97	U
4-Aminobiphenyl	ug/L	3.8	3.8	U	3.9	3.9	U
4-Bromophenyl phenyl ether	ug/L	0.95	0.95	U	0.97	0.97	U
4-Chloro-3-methylphenol	ug/L	0.95	0.95	U	0.97	0.97	U
4-Chloroaniline	ug/L	0.95	0.95	U	0.97	0.97	U
4-Chlorophenyl phenyl ether	ug/L	1.9	1.9	U	1.9	1.9	U
4-Nitroaniline	ug/L	0.95	0.95	UJ	0.97	0.97	UJ
4-Nitrophenol	ug/L	14	14	U	15	15	U
5-Nitro-o-toluidine	ug/L	0.95	0.95	U	0.97	0.97	U
7,12-Dimethylbenz(a)anthracene	ug/L	0.95	0.95	U	0.97	0.97	U
Acenaphthene	ug/L	0.95	0.95	U	0.97	0.97	U
Acenaphthylene	ug/L	0.95	0.95	U	0.97	0.97	U
Acetophenone	ug/L	0.95	0.95	U	0.97	0.97	U
Acifluorfen	ug/L	0.2	0.2	UJ	0.2	0.2	UJ
Aniline	ug/L	0.95	0.95	U	0.97	0.97	U
Anthracene	ug/L	0.95	0.95	U	0.97	0.97	U
Azobenzene/1,2-Diphenylhydrazine	ug/L	0.95	0.95	U	0.97	0.97	U
Benzidine	ug/L	95	95	U	97	97	U
Benzo(a)anthracene	ug/L	0.95	0.95	U	0.97	0.97	U
Benzo(a)pyrene	ug/L	0.95	0.95	U	0.97	0.97	U
Benzo(b)fluoranthene	ug/L	0.95	0.95	U	0.97	0.97	U
Benzo(g,h,i)perylene	ug/L	0.95	0.95	U	0.97	0.97	U
Benzo(k)fluoranthene	ug/L	0.95	0.95	U	0.97	0.97	U
Benzyl alcohol	ug/L	0.95	0.95	U	0.97	0.97	U
Bis(2-chloroethoxy)methane	ug/L	0.95	0.95	U	0.97	0.97	U

Table 2: Location 5 Analytical Results

Semi-Volatile Organic Compounds	Units	5-PRE Results	MDL	Remark	5-POST Results	MDL	Remark
Bis(2-chloroethyl)ether	ug/L	0.95	0.95	U	0.97	0.97	U
Bis(2-chloroisopropyl)ether	ug/L	2.9	2.9	U	2.9	2.9	U
Bis(2-ethylhexyl)phthalate	ug/L	14	14	U	15	15	U
Butyl benzyl phthalate	ug/L	4.8	4.8	U	4.9	4.9	U
Carbazole	ug/L	0.95	0.95	U	0.97	0.97	U
Chrysene	ug/L	0.95	0.95	U	0.97	0.97	U
Dibenzo(a,h)anthracene	ug/L	0.95	0.95	U	0.97	0.97	U
Dibenzofuran	ug/L	0.95	0.95	U	0.97	0.97	U
Diethyl phthalate	ug/L	0.95	0.95	U	0.97	0.97	U
Dimethyl phthalate	ug/L	9.5	9.5	U	9.7	9.7	U
Dimethylaminoazobenzene	ug/L	0.95	0.95	U	0.97	0.97	U
Di-n-butyl phthalate	ug/L	4.8	4.8	U	4.9	4.9	U
Di-n-octyl phthalate	ug/L	0.95	0.95	U	0.97	0.97	U
Dinoseb	ug/L	3.8	3.8	U	3.9	3.9	U
Ethyl methanesulfonate	ug/L	0.95	0.95	U	0.97	0.97	U
Fluoranthene	ug/L	0.95	0.95	U	0.97	0.97	U
Fluorene	ug/L	0.95	0.95	U	0.97	0.97	U
Hexachlorobenzene	ug/L	0.95	0.95	U	0.97	0.97	U
Hexachlorobutadiene	ug/L	2.9	2.9	U	2.9	2.9	U
Hexachlorocyclopentadiene	ug/L	2.9	2.9	U	2.9	2.9	U
Hexachloroethane	ug/L	2.9	2.9	U	2.9	2.9	U
Hexachloropropene	ug/L	1.9	1.9	UJ	1.9	1.9	UJ
Indeno(1,2,3-cd)pyrene	ug/L	0.95	0.95	U	0.97	0.97	U
Isophorone	ug/L	0.95	0.95	U	0.97	0.97	U
Isosafrole	ug/L	0.95	0.95	U	0.97	0.97	U
m,p-Cresols	ug/L	1.9	1.9	U	1.9	1.9	U
Methapyrilene	ug/L	3.8	3.8	U	3.9	3.9	U
Methyl methanesulfonate	ug/L	0.95	0.95	UJ	0.97	0.97	UJ
Naphthalene	ug/L	0.95	0.95	U	0.97	0.97	U
Nitrobenzene	ug/L	1.9	1.9	U	1.9	1.9	U

Table 2: Location 5 Analytical Results

Semi-Volatile Organic Compounds	Units	5-PRE Results	MDL	Remark	5-POST Results	MDL	Remark
Nitroquinoline-1-oxide	ug/L	19	19	U	19	19	U
N-Nitrosodiethylamine	ug/L	0.95	0.95	U	0.97	0.97	U
N-Nitrosodimethylamine	ug/L	1.9	1.9	U	1.9	1.9	U
N-Nitrosodi-n-butylamine	ug/L	0.95	0.95	U	0.97	0.97	U
N-Nitrosodi-n-propylamine	ug/L	1.9	1.9	U	1.9	1.9	U
N-Nitrosodiphenylamine/ Diphenylamine	ug/L	2.9	2.9	U	2.9	2.9	U
N-Nitrosomethylethylamine	ug/L	1.9	1.9	U	1.9	1.9	U
N-Nitrosomorpholine	ug/L	0.95	0.95	U	0.97	0.97	U
N-Nitrosopiperidine	ug/L	0.95	0.95	U	0.97	0.97	U
N-Nitrosopyrrolidine	ug/L	1.9	1.9	U	1.9	1.9	U
o-Cresol	ug/L	1.9	1.9	U	1.9	1.9	U
o-Toluidine	ug/L	0.95	0.95	U	0.97	0.97	U
Pentachlorobenzene	ug/L	0.95	0.95	U	0.97	0.97	U
Pentachloroethane	ug/L	48	48	U	49	49	U
Pentachloronitrobenzene	ug/L	0.95	0.95	U	0.97	0.97	U
Pentachlorophenol	ug/L	2.9	2.9	U	2.9	2.9	U
Phenacetin	ug/L	3.8	3.8	U	3.9	3.9	U
Phenanthrene	ug/L	0.95	0.95	U	0.97	0.97	U
Phenol	ug/L	0.95	0.95	U	0.97	0.97	U
Pyrene	ug/L	0.95	0.95	U	0.97	0.97	U
Pyridine	ug/L	3.8	3.8	U	3.9	3.9	U
Safrole	ug/L	0.95	0.95	U	0.97	0.97	U
TRPH	mg/L	0.24	0.24	U	0.24	0.24	U
Pesticides/Herbicides/PCBs	Units	5-PRE Results	MDL	Remark	5-POST Results	MDL	Remark
1,2-Dibromo-3-Chloropropane	ug/L	0.01	0.01	U	0.01	0.01	U
1,2-Dibromoethane	ug/L	0.01	0.01	U	0.01	0.01	U
2,4,5-T	ug/L	0.2	0.2	U	0.2	0.2	U
2,4-D	ug/L	0.2	0.2	U	0.2	0.2	U
Alachlor	ug/L	0.58	0.58	UJ	0.59	0.59	UJ

Table 2: Location 5 Analytical Results

Pesticides/Herbicides/PCBs	Units	5-PRE Results	MDL	Remark	5-POST Results	MDL	Remark
Aldrin	ug/L	0.0096	0.0096	U	0.0098	0.0098	U
Alpha-BHC	ug/L	0.0096	0.0096	U	0.0098	0.0098	U
Ametryn	ug/L	0.048	0.048	U	0.049	0.049	U
Atrazine	ug/L	0.048	0.048	U	0.049	0.049	U
Azinphos Methyl	ug/L	0.19	0.19	U	0.2	0.2	U
Beta-BHC	ug/L	0.0096	0.0096	U	0.0098	0.0098	U
Bromacil	ug/L	0.19	0.19	UJ	0.2	0.2	UJ
Butylate	ug/L	0.19	0.19	UJ	0.2	0.2	UJ
Chlordane	ug/L	0.19	0.19	U	0.2	0.2	U
Chlorpyrifos Ethyl	ug/L	0.048	0.048	U	0.049	0.049	U
Chlorpyrifos Methyl	ug/L	0.096	0.096	U	0.098	0.098	U
DDD-p,p'	ug/L	0.019	0.019	U	0.02	0.02	U
DDE-p,p'	ug/L	0.019	0.019	U	0.02	0.02	U
DDT-p,p'	ug/L	0.029	0.029	U	0.029	0.029	U
Delta-BHC	ug/L	0.0096	0.0096	U	0.0098	0.0098	U
Diazinon	ug/L	0.048	0.048	U	0.049	0.049	U
Dieldrin	ug/L	0.019	0.019	U	0.02	0.02	U
Endosulfan I	ug/L	0.019	0.019	U	0.02	0.02	U
Endosulfan II	ug/L	0.019	0.019	U	0.02	0.02	U
Endosulfan Sulfate	ug/L	0.019	0.019	U	0.02	0.02	U
Endrin	ug/L	0.048	0.048	U	0.049	0.049	U
Endrin Aldehyde	ug/L	0.019	0.019	U	0.02	0.02	U
Ethion	ug/L	0.048	0.048	U	0.049	0.049	U
Ethoprop	ug/L	0.096	0.096	U	0.098	0.098	U
Fenamiphos	ug/L	0.19	0.19	U	0.2	0.2	U
Fonofos	ug/L	0.096	0.096	U	0.098	0.098	U
Gamma-BHC	ug/L	0.0096	0.0096	U	0.0098	0.0098	U
Heptachlor	ug/L	0.0096	0.0096	U	0.0098	0.0098	U
Heptachlor Epoxide	ug/L	0.019	0.019	U	0.02	0.02	U
Hexazinone	ug/L	0.096	0.096	UJ	0.098	0.098	UJ

Table 2: Location 5 Analytical Results

Pesticides/Herbicides/PCBs	Units	5-PRE Results	MDL	Remark	5-POST Results	MDL	Remark
Malathion	ug/L	0.14	0.14	U	0.15	0.15	U
Metalaxyl	ug/L	0.24	0.24	U	0.24	0.24	U
Methoxychlor	ug/L	0.048	0.048	UJ	0.049	0.049	UJ
Metolachlor	ug/L	0.48	0.48	U	0.49	0.49	U
Metribuzin	ug/L	0.096	0.096	U	0.098	0.098	U
Mevinphos	ug/L	0.19	0.19	UJ	0.2	0.2	UJ
Naled	ug/L	0.77	0.77	U	0.78	0.78	U
Norflurazon	ug/L	0.14	0.14	UJ	0.15	0.15	UJ
Parathion Ethyl	ug/L	0.14	0.14	U	0.15	0.15	U
Parathion Methyl	ug/L	0.096	0.096	U	0.098	0.098	U
PCB-1016	ug/L	0.19	0.19	U	0.2	0.2	U
PCB-1221	ug/L	0.19	0.19	U	0.2	0.2	U
PCB-1232	ug/L	0.19	0.19	U	0.2	0.2	U
PCB-1242	ug/L	0.29	0.29	U	0.29	0.29	U
PCB-1248	ug/L	0.19	0.19	UJ	0.2	0.2	UJ
PCB-1254	ug/L	0.29	0.29	U	0.29	0.29	U
PCB-1260	ug/L	0.19	0.19	U	0.2	0.2	U
Phorate	ug/L	0.048	0.048	U	0.049	0.049	U
Prometryn	ug/L	0.14	0.14	U	0.15	0.15	U
Silvex	ug/L	0.2	0.2	U	0.2	0.2	U
Simazine	ug/L	0.048	0.048	U	0.049	0.049	U
Toxaphene	ug/L	0.72	0.72	U	0.73	0.73	U
Metals	Units	5-PRE Results	MDL	Remark	5-POST Results	MDL	Remark
Aluminum	ug/L	60	60	U	60	60	U
Antimony	ug/L	0.25	0.25	U	0.25	0.25	U
Arsenic	ug/L	0.67	0.25	I	0.25	0.25	U
Barium	ug/L	54.8	0.2		1.01	0.2	
Beryllium	ug/L	0.025	0.025	U	0.038	0.025	I
Boron	ug/L	68	15		69	15	

Table 2: Location 5 Analytical Results

Metals	Units	5-PRE Results	MDL	Remark	5-POST Results	MDL	Remark
Cadmium	ug/L	0.03	0.03	U	0.03	0.03	U
Calcium	mg/L	168	0.075		0.2	0.075	I
Chromium	ug/L	0.3	0.3	U	0.3	0.3	U
Cobalt	ug/L	0.099	0.03	I	0.034	0.03	I
Copper	ug/L	0.5	0.5	U	0.5	0.5	U
Iron	ug/L	1.81E+03	30		39	30	I
Lead	ug/L	0.2	0.2	U	0.2	0.2	U
Magnesium	mg/L	3.17	0.04		0.04	0.04	U
Manganese	ug/L	11.6	0.75		15.3	0.75	
Mercury	ug/L	0.12	0.12	U	0.12	0.12	U
Molybdenum	ug/L	1.42	0.15		0.15	0.15	U
Nickel	ug/L	1.35	0.25		0.57	0.25	I
Potassium	mg/L	1.9	0.3		0.3	0.3	U
Selenium	ug/L	0.32	0.2	I	0.2	0.2	U
Silver	ug/L	0.025	0.025	U	0.025	0.025	U
Sodium	mg/L	115	0.5		329	2.5	
Strontium	ug/L	503	2		2	2	U
Thallium	ug/L	0.1	0.1	U	0.1	0.1	U
Tin	ug/L	3	3	U	3	3	U
Titanium	ug/L	0.75	0.75	U	0.75	0.75	U
Vanadium	ug/L	2	2	U	2	2	U
Zinc	ug/L	5	5	U	5	5	U
Radionuclides	Units	5-PRE Results	MDL	Remark	5-POST Results	MDL	Remark
Alpha, Total	pCi/L	7.8			1.8		U
Alpha-Counting Error	pCi/L	1.9			1.1		
Beta, Total	pCi/L	2.9		U	1.9		U
Beta-Counting Error	pCi/L	1.7			1.1		
Radium 226	pCi/L	2.1			0.5		
Radium 226-Counting Error	pCi/L	0.3			0.2		

Table 2: Location 5 Analytical Results

Radionuclides	Units	5-PRE Results	MDL	Remark	5-POST Results	MDL	Remark
Radium 228	pCi/L	0.9		U	0.9		U
Radium 228-Counting Error	pCi/L	0.6			0.6		
Additional Analytes	Units	5-PRE Results	MDL	Remark	5-POST Results	MDL	Remark
1,4-Dioxane	ug/L	0.38	0.2	I	0.38	0.2	I
NO2NO3-N	mg N/L	0.004	0.004	U	0.004	0.004	U
Perchlorate	ug/L	1.2	1.2	U	0.6	0.6	U

0.8 Gray shading indicates analyte was detected above the laboratories method detection limit but at a concentration below any applicable Florida Drinking Water Standard or Groundwater Cleanup Target Level.

256 Yellow shading indicates analyte was detected above the laboratories method detection limit at a concentration exceeding either a Florida Drinking Water Standard or Groundwater Cleanup Target Level.

Location 6

Table 1: Summary of FDWS/GCTLs Exceedances and Radionuclides in Water Samples Collected Pre- and Post-Treatment from Location 6
February 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation

Analyte	FDWS/GCTL	6-Pre	6-Post
<i>Exceedances</i>			
Iron	300 ug/L (FSDWS)	2,980	ND
Sodium	160 mg/L (FPDWS)	16.6	217
<i>Radionuclides</i>			
Total Alpha	15 pCi/L (FPDWS)	3.2	ND
Radium 226/228	5 pCi/L (FPDWS)	0.5	ND
Total Beta	50 pCi/L (FDEPSL)	ND	ND
No Exceedances for Radionuclides			

FDWS=Florida Drinking Water Standard

GCTL=Ground Water Cleanup Target Level

FPDWS= Florida Primary Drinking Water Standard

FSDWS=Florida Secondary Drinking Water Standard

FDEPSL=FDEP Screening Level

ND=Non Detect

NA=Not Analyzed

Gray Shading= Analyte Detected

Yellow Shading=Exceedance of FDWS/GCTL

ug/L= micrograms per Liter

pCi/L=picocuries per Liter

mg/L=milligrams per Liter

Table 2: Location 6 Analytical Results

Volatile Organic Compounds	Units	6-PRE Results	MDL	Remark	6-PRE Dup Results	MDL	Remark	6-POST Results	MDL	Remark
1,1,1-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
1,1,2,2-Tetrachloroethane	ug/L	0.5	0.5	UJ	0.5	0.5	UJ	0.5	0.5	UJ
1,1,2-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
1,2-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
1,2-Dichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
1,2-Dichloropropane	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
1,3-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
1,4-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
Benzene	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
Bromodichloromethane	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
Bromoform	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
Bromomethane	ug/L	0.5	0.5	UJ	0.5	0.5	UJ	0.5	0.5	UJ
Carbon tetrachloride	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
Chlorobenzene	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
Chloroethane	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
Chloroform	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
Chloromethane	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
cis-1,2-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
cis-1,3-Dichloropropene	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
Dibromochloromethane	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
Ethylbenzene	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
m,p-Xylene	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
Methylene chloride	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
Methyl-t-butyl ether	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
o-Xylene	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
Tetrachloroethene	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
Toluene	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U

Table 2: Location 6 Analytical Results

Volatile Organic Compounds	Units	6-PRE Results	MDL	Remark	6-PRE Dup Results	MDL	Remark	6-POST Results	MDL	Remark
trans-1,2-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
trans-1,3-Dichloropropene	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
Trichloroethene	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
Trichlorofluoromethane	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
Vinyl chloride	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
Semi-Volatile Organic Compounds	Units	6-PRE Results	MDL	Remark	6-PRE Dup Results	MDL	Remark	6-POST Results	MDL	Remark
1,2,4,5-Tetrachlorobenzene	ug/L	0.97	0.97	U	0.97	0.97	U	0.96	0.96	U
1,2,4-Trichlorobenzene	ug/L	0.97	0.97	U	0.97	0.97	U	0.96	0.96	U
1,3,5-Trinitrobenzene	ug/L	3.9	3.9	UJ	3.9	3.9	UJ	3.8	3.8	UJ
1,3-Dinitrobenzene	ug/L	1.9	1.9	U	1.9	1.9	U	1.9	1.9	U
1,4-Naphthoquinone	ug/L	19	19	UJ	19	19	UJ	19	19	UJ
1-Methylnaphthalene	ug/L	0.97	0.97	U	0.97	0.97	U	0.96	0.96	U
1-Naphthylamine	ug/L	9.7	9.7	U	9.7	9.7	U	9.6	9.6	U
2,3,4,6-Tetrachlorophenol	ug/L	1.9	1.9	U	1.9	1.9	U	1.9	1.9	U
2,4,5-Trichlorophenol	ug/L	0.97	0.97	U	0.97	0.97	U	0.96	0.96	U
2,4,6-Trichlorophenol	ug/L	0.97	0.97	U	0.97	0.97	U	0.96	0.96	U
2,4-Dichlorophenol	ug/L	0.97	0.97	U	0.97	0.97	U	0.96	0.96	U
2,4-Dimethylphenol	ug/L	9.7	9.7	U	9.7	9.7	U	9.6	9.6	U
2,4-Dinitrophenol	ug/L	15	15	U	15	15	U	14	14	U
2,4-Dinitrotoluene	ug/L	0.97	0.97	U	0.97	0.97	U	0.96	0.96	U
2,6-Dichlorophenol	ug/L	0.97	0.97	U	0.97	0.97	U	0.96	0.96	U
2,6-Dinitrotoluene	ug/L	0.97	0.97	U	0.97	0.97	U	0.96	0.96	U
2-Acetylaminofluorene	ug/L	0.97	0.97	U	0.97	0.97	U	0.96	0.96	U
2-Butanone	ug/L	5	5	U	5	5	U	5	5	U
2-Chloronaphthalene	ug/L	0.97	0.97	U	0.97	0.97	U	0.96	0.96	U
2-Chlorophenol	ug/L	0.97	0.97	U	0.97	0.97	U	0.96	0.96	U
2-Methyl-4,6-dinitrophenol	ug/L	2.9	2.9	U	2.9	2.9	U	2.9	2.9	U
2-Methylnaphthalene	ug/L	0.97	0.97	U	0.97	0.97	U	0.96	0.96	U

Table 2: Location 6 Analytical Results

Semi-Volatile Organic Compounds	Units	6-PRE Results	MDL	Remark	6-PRE Dup Results	MDL	Remark	6-POST Results	MDL	Remark
2-Naphthylamine	ug/L	9.7	9.7	U	9.7	9.7	U	9.6	9.6	U
2-Nitroaniline	ug/L	0.97	0.97	U	0.97	0.97	U	0.96	0.96	U
2-Nitrophenol	ug/L	0.97	0.97	U	0.97	0.97	U	0.96	0.96	U
2-Picoline	ug/L	0.97	0.97	U	0.97	0.97	U	0.96	0.96	U
3,3'-Dichlorobenzidine	ug/L	39	39	U	39	39	U	38	38	U
3,3'-Dimethylbenzidine	ug/L	19	19	UJ	19	19	UJ	19	19	UJ
3-Methylcholanthrene	ug/L	0.97	0.97	U	0.97	0.97	U	0.96	0.96	U
3-Nitroaniline	ug/L	0.97	0.97	U	0.97	0.97	U	0.96	0.96	U
4-Aminobiphenyl	ug/L	3.9	3.9	U	3.9	3.9	U	3.8	3.8	U
4-Bromophenyl phenyl ether	ug/L	0.97	0.97	U	0.97	0.97	U	0.96	0.96	U
4-Chloro-3-methylphenol	ug/L	0.97	0.97	U	0.97	0.97	U	0.96	0.96	U
4-Chloroaniline	ug/L	0.97	0.97	U	0.97	0.97	U	0.96	0.96	U
4-Chlorophenyl phenyl ether	ug/L	1.9	1.9	U	1.9	1.9	U	1.9	1.9	U
4-Nitroaniline	ug/L	0.97	0.97	UJ	0.97	0.97	UJ	0.96	0.96	UJ
4-Nitrophenol	ug/L	15	15	U	15	15	U	14	14	U
5-Nitro-o-toluidine	ug/L	0.97	0.97	U	0.97	0.97	U	0.96	0.96	U
7,12-Dimethylbenz(a)anthracene	ug/L	0.97	0.97	U	0.97	0.97	U	0.96	0.96	U
Acenaphthene	ug/L	0.97	0.97	U	0.97	0.97	U	0.96	0.96	U
Acenaphthylene	ug/L	0.97	0.97	U	0.97	0.97	U	0.96	0.96	U
Acetophenone	ug/L	0.97	0.97	U	0.97	0.97	U	0.96	0.96	U
Acifluorfen	ug/L	0.21	0.21	UJ	0.21	0.21	UJ	0.2	0.2	UJ
Aniline	ug/L	0.97	0.97	U	0.97	0.97	U	0.96	0.96	U
Anthracene	ug/L	0.97	0.97	U	0.97	0.97	U	0.96	0.96	U
Azobenzene/1,2-Diphenylhydrazine	ug/L	0.97	0.97	U	0.97	0.97	U	0.96	0.96	U
Benzidine	ug/L	97	97	U	97	97	U	96	96	U
Benzo(a)anthracene	ug/L	0.97	0.97	U	0.97	0.97	U	0.96	0.96	U
Benzo(a)pyrene	ug/L	0.97	0.97	U	0.97	0.97	U	0.96	0.96	U
Benzo(b)fluoranthene	ug/L	0.97	0.97	U	0.97	0.97	U	0.96	0.96	U
Benzo(g,h,i)perylene	ug/L	0.97	0.97	U	0.97	0.97	U	0.96	0.96	U

Table 2: Location 6 Analytical Results

Semi-Volatile Organic Compounds	Units	6-PRE Results	MDL	Remark	6-PRE Dup Results	MDL	Remark	6-POST Results	MDL	Remark
Benzo(k)fluoranthene	ug/L	0.97	0.97	U	0.97	0.97	U	0.96	0.96	U
Benzyl alcohol	ug/L	0.97	0.97	U	0.97	0.97	U	0.96	0.96	U
Bis(2-chloroethoxy)methane	ug/L	0.97	0.97	U	0.97	0.97	U	0.96	0.96	U
Bis(2-chloroethyl)ether	ug/L	0.97	0.97	U	0.97	0.97	U	0.96	0.96	U
Bis(2-chloroisopropyl)ether	ug/L	2.9	2.9	U	2.9	2.9	U	2.9	2.9	U
Bis(2-ethylhexyl)phthalate	ug/L	15	15	U	15	15	U	14	14	U
Butyl benzyl phthalate	ug/L	4.9	4.9	U	4.9	4.9	U	4.8	4.8	U
Carbazole	ug/L	0.97	0.97	U	0.97	0.97	U	0.96	0.96	U
Chrysene	ug/L	0.97	0.97	U	0.97	0.97	U	0.96	0.96	U
Dibenzo(a,h)anthracene	ug/L	0.97	0.97	U	0.97	0.97	U	0.96	0.96	U
Dibenzofuran	ug/L	0.97	0.97	U	0.97	0.97	U	0.96	0.96	U
Diethyl phthalate	ug/L	0.97	0.97	U	0.97	0.97	U	0.96	0.96	U
Dimethyl phthalate	ug/L	9.7	9.7	U	9.7	9.7	U	9.6	9.6	U
Dimethylaminoazobenzene	ug/L	0.97	0.97	U	0.97	0.97	U	0.96	0.96	U
Di-n-butyl phthalate	ug/L	4.9	4.9	U	4.9	4.9	U	4.8	4.8	U
Di-n-octyl phthalate	ug/L	0.97	0.97	U	0.97	0.97	U	0.96	0.96	U
Dinoseb	ug/L	3.9	3.9	U	3.9	3.9	U	3.8	3.8	U
Ethyl methanesulfonate	ug/L	0.97	0.97	U	0.97	0.97	U	0.96	0.96	U
Fluoranthene	ug/L	0.97	0.97	U	0.97	0.97	U	0.96	0.96	U
Fluorene	ug/L	0.97	0.97	U	0.97	0.97	U	0.96	0.96	U
Hexachlorobenzene	ug/L	0.97	0.97	U	0.97	0.97	U	0.96	0.96	U
Hexachlorobutadiene	ug/L	2.9	2.9	U	2.9	2.9	U	2.9	2.9	U
Hexachlorocyclopentadiene	ug/L	2.9	2.9	U	2.9	2.9	U	2.9	2.9	U
Hexachloroethane	ug/L	2.9	2.9	U	2.9	2.9	U	2.9	2.9	U
Hexachloropropene	ug/L	1.9	1.9	UJ	1.9	1.9	UJ	1.9	1.9	UJ
Indeno(1,2,3-cd)pyrene	ug/L	0.97	0.97	U	0.97	0.97	U	0.96	0.96	U
Isophorone	ug/L	0.97	0.97	U	0.97	0.97	U	0.96	0.96	U
Isosafrole	ug/L	0.97	0.97	U	0.97	0.97	U	0.96	0.96	U
m,p-Cresols	ug/L	1.9	1.9	U	1.9	1.9	U	1.9	1.9	U

Table 2: Location 6 Analytical Results

Semi-Volatile Organic Compounds	Units	6-PRE Results	MDL	Remark	6-PRE Dup Results	MDL	Remark	6-POST Results	MDL	Remark
Methapyriline	ug/L	3.9	3.9	U	3.9	3.9	U	3.8	3.8	U
Methyl methanesulfonate	ug/L	0.97	0.97	UJ	0.97	0.97	UJ	0.96	0.96	UJ
Naphthalene	ug/L	0.97	0.97	U	0.97	0.97	U	0.96	0.96	U
Nitrobenzene	ug/L	1.9	1.9	U	1.9	1.9	U	1.9	1.9	U
Nitroquinoline-1-oxide	ug/L	19	19	U	19	19	U	19	19	U
N-Nitrosodiethylamine	ug/L	0.97	0.97	U	0.97	0.97	U	0.96	0.96	U
N-Nitrosodimethylamine	ug/L	1.9	1.9	U	1.9	1.9	U	1.9	1.9	U
N-Nitrosodi-n-butylamine	ug/L	0.97	0.97	U	0.97	0.97	U	0.96	0.96	U
N-Nitrosodi-n-propylamine	ug/L	1.9	1.9	U	1.9	1.9	U	1.9	1.9	U
N-Nitrosodiphenylamine/ Diphenylamine	ug/L	2.9	2.9	U	2.9	2.9	U	2.9	2.9	U
N-Nitrosomethylethylamine	ug/L	1.9	1.9	U	1.9	1.9	U	1.9	1.9	U
N-Nitrosomorpholine	ug/L	0.97	0.97	U	0.97	0.97	U	0.96	0.96	U
N-Nitrosopiperidine	ug/L	0.97	0.97	U	0.97	0.97	U	0.96	0.96	U
N-Nitrosopyrrolidine	ug/L	1.9	1.9	U	1.9	1.9	U	1.9	1.9	U
o-Cresol	ug/L	1.9	1.9	U	1.9	1.9	U	1.9	1.9	U
o-Toluidine	ug/L	0.97	0.97	U	0.97	0.97	U	0.96	0.96	U
Pentachlorobenzene	ug/L	0.97	0.97	U	0.97	0.97	U	0.96	0.96	U
Pentachloroethane	ug/L	49	49	U	49	49	U	48	48	U
Pentachloronitrobenzene	ug/L	0.97	0.97	U	0.97	0.97	U	0.96	0.96	U
Pentachlorophenol	ug/L	2.9	2.9	U	2.9	2.9	U	2.9	2.9	U
Phenacetin	ug/L	3.9	3.9	U	3.9	3.9	U	3.8	3.8	U
Phenanthrene	ug/L	0.97	0.97	U	0.97	0.97	U	0.96	0.96	U
Phenol	ug/L	0.97	0.97	U	0.97	0.97	U	0.96	0.96	U
Pyrene	ug/L	0.97	0.97	U	0.97	0.97	U	0.96	0.96	U
Pyridine	ug/L	3.9	3.9	U	3.9	3.9	U	3.8	3.8	U
Safrole	ug/L	0.97	0.97	U	0.97	0.97	U	0.96	0.96	U
TRPH	mg/L	0.24	0.24	U	0.24	0.24	U	0.24	0.24	U

Table 2: Location 6 Analytical Results

Pesticides/Herbicides/PCBs	Units	6-PRE Results	MDL	Remark	6-PRE Dup Results	MDL	Remark	6-POST Results	MDL	Remark
1,2-Dibromo-3-Chloropropane	ug/L	0.01	0.01	U	0.01	0.01	U	0.01	0.01	U
1,2-Dibromoethane	ug/L	0.01	0.01	U	0.01	0.01	U	0.01	0.01	U
2,4,5-T	ug/L	0.21	0.21	U	0.21	0.21	U	0.2	0.2	U
2,4-D	ug/L	0.21	0.21	U	0.21	0.21	U	0.2	0.2	U
Alachlor	ug/L	0.59	0.59	UJ	0.59	0.59	UJ	0.57	0.57	UJ
Aldrin	ug/L	0.0099	0.0099	U	0.0099	0.0099	U	0.0095	0.0095	U
Alpha-BHC	ug/L	0.0099	0.0099	U	0.0099	0.0099	U	0.0095	0.0095	U
Ametryn	ug/L	0.05	0.05	U	0.049	0.049	U	0.047	0.047	U
Atrazine	ug/L	0.05	0.05	U	0.049	0.049	U	0.047	0.047	U
Azinphos Methyl	ug/L	0.2	0.2	U	0.2	0.2	U	0.19	0.19	U
Beta-BHC	ug/L	0.0099	0.0099	U	0.0099	0.0099	U	0.0095	0.0095	U
Bromacil	ug/L	0.2	0.2	UJ	0.2	0.2	UJ	0.19	0.19	UJ
Butylate	ug/L	0.2	0.2	UJ	0.2	0.2	UJ	0.19	0.19	UJ
Chlordane	ug/L	0.2	0.2	U	0.2	0.2	U	0.19	0.19	U
Chlorpyrifos Ethyl	ug/L	0.05	0.05	U	0.049	0.049	U	0.047	0.047	U
Chlorpyrifos Methyl	ug/L	0.099	0.099	U	0.099	0.099	U	0.095	0.095	U
DDD-p,p'	ug/L	0.02	0.02	U	0.02	0.02	U	0.019	0.019	U
DDE-p,p'	ug/L	0.02	0.02	U	0.02	0.02	U	0.019	0.019	U
DDT-p,p'	ug/L	0.03	0.03	U	0.03	0.03	U	0.028	0.028	U
Delta-BHC	ug/L	0.0099	0.0099	U	0.0099	0.0099	U	0.0095	0.0095	U
Diazinon	ug/L	0.05	0.05	U	0.049	0.049	U	0.047	0.047	U
Dieldrin	ug/L	0.02	0.02	U	0.02	0.02	U	0.019	0.019	U
Endosulfan I	ug/L	0.02	0.02	U	0.02	0.02	U	0.019	0.019	U
Endosulfan II	ug/L	0.02	0.02	U	0.02	0.02	U	0.019	0.019	U
Endosulfan Sulfate	ug/L	0.02	0.02	U	0.02	0.02	U	0.019	0.019	U
Endrin	ug/L	0.05	0.05	U	0.049	0.049	U	0.047	0.047	U
Endrin Aldehyde	ug/L	0.02	0.02	U	0.02	0.02	U	0.019	0.019	U
Ethion	ug/L	0.05	0.05	U	0.049	0.049	U	0.047	0.047	U
Ethoprop	ug/L	0.099	0.099	U	0.099	0.099	U	0.095	0.095	U

Table 2: Location 6 Analytical Results

[illegible]

Table 2: Location 6 Analytical Results

[illegible]

Table 2: Location 6 Analytical Results

Radionuclides	Units	6-PRE Results	MDL	Remark	6-PRE Dup Results	MDL	Remark	6-POST Results	MDL	Remark
Alpha, Total	pCi/L	3.2			2.9			1.8		U
Alpha-Counting Error	pCi/L	1.5			1			1.2		
Beta, Total	pCi/L	2.1		U	1.8			2.1		U
Beta-Counting Error	pCi/L	1.3			1			1.3		
Radium 226	pCi/L	0.5			0.6			0.2		U
Radium 226-Counting Error	pCi/L	0.2			0.2			0.1		
Radium 228	pCi/L	0.8		U	0.8			0.8		U
Radium 228-Counting Error	pCi/L	0.5			0.6			0.6		
Additional Analytes	Units	6-PRE Results	MDL	Remark	6-PRE Dup Results	MDL	Remark	6-POST Results	MDL	Remark
1,4-Dioxane	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
NO2NO3-N	mg N/L	0.02	0.02	U	0.02	0.02	U	0.004	0.004	U
Perchlorate	ug/L	1.2	1.2	U	1.2	1.2	U	0.6	0.6	U

0.8 Gray shading indicates analyte was detected above the laboratories method detection limit but at a concentration below any applicable Florida Drinking Water Standard or Groundwater Cleanup Target Level.

256 Yellow shading indicates analyte was detected above the laboratories method detection limit at a concentration exceeding either a Florida Drinking Water Standard or Groundwater Cleanup Target Level.

Location 7

Table 1: Summary of FDWS/GCTLs Exceedances and Radionuclides in Water Samples Collected Pre- and Post-Treatment from Location 7
February 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation

Analyte	FDWS/GCTL	7-Pre	7-Post
<i>Exceedances</i>			
Bromodichloromethane	0.6 ug/L (GCTL)	ND	0.94 #
Sodium	160 mg/L (FPDWS)	175	329
<i>Radionuclides</i>			
Total Alpha	15pCi/L (FPDWS)	5.4	ND
Radium 226/228	5 pCi/L (FPDWS)	2.2	0.2
Total Beta	50 pCi/L (FDEPSL)	6.5	ND
No Exceedances for Radionuclides			

FDWS=Florida Drinking Water Standard

GCTL=Ground Water Cleanup Target Level

FPDWS= Florida Primary Drinking Water Standard

FSDWS=Florida Secondary Drinking Water Standard

FDEPSL=FDEP Screening Level

ND=Non Detect

NA=Not Analyzed

Gray Shading= Analyte Detected

Yellow Shading=Exceedance of FDWS/GCTL

ug/L= micrograms per Liter

pCi/L=picocuries per Liter

mg/L=milligrams per Liter

Does not exceed EPA's combined trihalomethanes standard of 80 ug/L

Table 2: Location 7 Analytical Results

Volatile Organic Compounds	Units	7-PRE Results	MDL	Remark	7-POST Results	MDL	Remark
1,1,1-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1,2,2-Tetrachloroethane	ug/L	0.5	0.5	UJ	0.5	0.5	UJ
1,1,2-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
1,2-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
1,2-Dichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,2-Dichloropropane	ug/L	0.5	0.5	U	0.5	0.5	U
1,3-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
1,4-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
Benzene	ug/L	0.2	0.2	U	0.2	0.2	U
Bromodichloromethane	ug/L	0.2	0.2	U	0.94	0.2	I
Bromoform	ug/L	0.5	0.5	U	0.5	0.5	U
Bromomethane	ug/L	0.5	0.5	UJ	0.5	0.5	UJ
Carbon tetrachloride	ug/L	0.2	0.2	U	0.2	0.2	U
Chlorobenzene	ug/L	0.2	0.2	U	0.2	0.2	U
Chloroethane	ug/L	0.5	0.5	U	0.5	0.5	U
Chloroform	ug/L	0.2	0.2	U	10	0.2	
Chloromethane	ug/L	0.5	0.5	U	0.5	0.5	U
cis-1,2-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
cis-1,3-Dichloropropene	ug/L	0.5	0.5	U	0.5	0.5	U
Dibromochloromethane	ug/L	0.2	0.2	U	0.2	0.2	U
Ethylbenzene	ug/L	0.5	0.5	U	0.5	0.5	U
m,p-Xylene	ug/L	0.5	0.5	U	0.5	0.5	U
Methylene chloride	ug/L	0.5	0.5	U	0.5	0.5	U
Methyl-t-butyl ether	ug/L	0.5	0.5	U	0.5	0.5	U
o-Xylene	ug/L	0.2	0.2	U	0.2	0.2	U
Tetrachloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
Toluene	ug/L	0.5	0.5	U	0.5	0.5	U

Table 2: Location 7 Analytical Results

Volatile Organic Compounds	Units	7-PRE Results	MDL	Remark	7-POST Results	MDL	Remark
trans-1,2-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
trans-1,3-Dichloropropene	ug/L	0.2	0.2	U	0.2	0.2	U
Trichloroethene	ug/L	0.2	0.2	U	0.2	0.2	U
Trichlorofluoromethane	ug/L	0.5	0.5	U	0.5	0.5	U
Vinyl chloride	ug/L	0.5	0.5	U	0.5	0.5	U
Semi-Volatile Organic Compounds	Units	7-PRE Results	MDL	Remark	7-POST Results	MDL	Remark
1,2,4,5-Tetrachlorobenzene	ug/L	0.95	0.95	U	1	1	U
1,2,4-Trichlorobenzene	ug/L	0.95	0.95	U	1	1	U
1,3,5-Trinitrobenzene	ug/L	3.8	3.8	UJ	4	4	UJ
1,3-Dinitrobenzene	ug/L	1.9	1.9	U	2	2	U
1,4-Naphthoquinone	ug/L	19	19	UJ	20	20	UJ
1-Methylnaphthalene	ug/L	0.95	0.95	U	1	1	U
1-Naphthylamine	ug/L	9.5	9.5	U	10	10	U
2,3,4,6-Tetrachlorophenol	ug/L	1.9	1.9	U	2	2	U
2,4,5-Trichlorophenol	ug/L	0.95	0.95	U	1	1	U
2,4,6-Trichlorophenol	ug/L	0.95	0.95	U	1	1	U
2,4-Dichlorophenol	ug/L	0.95	0.95	U	1	1	U
2,4-Dimethylphenol	ug/L	9.5	9.5	U	10	10	U
2,4-Dinitrophenol	ug/L	14	14	U	15	15	U
2,4-Dinitrotoluene	ug/L	0.95	0.95	U	1	1	U
2,6-Dichlorophenol	ug/L	0.95	0.95	U	1	1	U
2,6-Dinitrotoluene	ug/L	0.95	0.95	U	1	1	U
2-Acetylaminofluorene	ug/L	0.95	0.95	U	1	1	U
2-Butanone	ug/L	5	5	U	5	5	U
2-Chloronaphthalene	ug/L	0.95	0.95	U	1	1	U
2-Chlorophenol	ug/L	0.95	0.95	U	1	1	U
2-Methyl-4,6-dinitrophenol	ug/L	2.9	2.9	U	3	3	U
2-Methylnaphthalene	ug/L	0.95	0.95	U	1	1	U

Table 2: Location 7 Analytical Results

Semi-Volatile Organic Compounds	Units	7-PRE Results	MDL	Remark	7-POST Results	MDL	Remark
2-Naphthylamine	ug/L	9.5	9.5	U	10	10	U
2-Nitroaniline	ug/L	0.95	0.95	U	1	1	U
2-Nitrophenol	ug/L	0.95	0.95	U	1	1	U
2-Picoline	ug/L	0.95	0.95	U	1	1	U
3,3'-Dichlorobenzidine	ug/L	38	38	U	40	40	U
3,3'-Dimethylbenzidine	ug/L	19	19	UJ	20	20	UJ
3-Methylcholanthrene	ug/L	0.95	0.95	U	1	1	U
3-Nitroaniline	ug/L	0.95	0.95	U	1	1	U
4-Aminobiphenyl	ug/L	3.8	3.8	U	4	4	U
4-Bromophenyl phenyl ether	ug/L	0.95	0.95	U	1	1	U
4-Chloro-3-methylphenol	ug/L	0.95	0.95	U	1	1	U
4-Chloroaniline	ug/L	0.95	0.95	U	1	1	U
4-Chlorophenyl phenyl ether	ug/L	1.9	1.9	U	2	2	U
4-Nitroaniline	ug/L	0.95	0.95	UJ	1	1	UJ
4-Nitrophenol	ug/L	14	14	U	15	15	U
5-Nitro-o-toluidine	ug/L	0.95	0.95	U	1	1	U
7,12-Dimethylbenz(a)anthracene	ug/L	0.95	0.95	U	1	1	U
Acenaphthene	ug/L	0.95	0.95	U	1	1	U
Acenaphthylene	ug/L	0.95	0.95	U	1	1	U
Acetophenone	ug/L	0.95	0.95	U	1	1	U
Acifluorfen	ug/L	0.2	0.2	UJ	0.22	0.22	UJ
Aniline	ug/L	0.95	0.95	U	1	1	U
Anthracene	ug/L	0.95	0.95	U	1	1	U
Azobenzene/1,2-Diphenylhydrazine	ug/L	0.95	0.95	U	1	1	U
Benzidine	ug/L	95	95	U	100	100	U
Benzo(a)anthracene	ug/L	0.95	0.95	U	1	1	U
Benzo(a)pyrene	ug/L	0.95	0.95	U	1	1	U
Benzo(b)fluoranthene	ug/L	0.95	0.95	U	1	1	U
Benzo(g,h,i)perylene	ug/L	0.95	0.95	U	1	1	U

Table 2: Location 7 Analytical Results

Semi-Volatile Organic Compounds	Units	7-PRE Results	MDL	Remark	7-POST Results	MDL	Remark
Benzo(k)fluoranthene	ug/L	0.95	0.95	U	1	1	U
Benzyl alcohol	ug/L	0.95	0.95	U	1	1	U
Bis(2-chloroethoxy)methane	ug/L	0.95	0.95	U	1	1	U
Bis(2-chloroethyl)ether	ug/L	0.95	0.95	U	1	1	U
Bis(2-chloroisopropyl)ether	ug/L	2.9	2.9	U	3	3	U
Bis(2-ethylhexyl)phthalate	ug/L	14	14	U	15	15	U
Butyl benzyl phthalate	ug/L	4.8	4.8	U	5	5	U
Carbazole	ug/L	0.95	0.95	U	1	1	U
Chrysene	ug/L	0.95	0.95	U	1	1	U
Dibenzo(a,h)anthracene	ug/L	0.95	0.95	U	1	1	U
Dibenzofuran	ug/L	0.95	0.95	U	1	1	U
Diethyl phthalate	ug/L	0.95	0.95	U	1	1	U
Dimethyl phthalate	ug/L	9.5	9.5	U	10	10	U
Dimethylaminoazobenzene	ug/L	0.95	0.95	U	1	1	U
Di-n-butyl phthalate	ug/L	4.8	4.8	U	5	5	U
Di-n-octyl phthalate	ug/L	0.95	0.95	U	1	1	U
Dinoseb	ug/L	3.8	3.8	U	4	4	U
Ethyl methanesulfonate	ug/L	0.95	0.95	U	1	1	U
Fluoranthene	ug/L	0.95	0.95	U	1	1	U
Fluorene	ug/L	0.95	0.95	U	1	1	U
Hexachlorobenzene	ug/L	0.95	0.95	U	1	1	U
Hexachlorobutadiene	ug/L	2.9	2.9	U	3	3	U
Hexachlorocyclopentadiene	ug/L	2.9	2.9	U	3	3	U
Hexachloroethane	ug/L	2.9	2.9	U	3	3	U
Hexachloropropene	ug/L	1.9	1.9	UJ	2	2	UJ
Indeno(1,2,3-cd)pyrene	ug/L	0.95	0.95	U	1	1	U
Isophorone	ug/L	0.95	0.95	U	1	1	U
Isosafrole	ug/L	0.95	0.95	U	1	1	U
m,p-Cresols	ug/L	1.9	1.9	U	2	2	U

Table 2: Location 7 Analytical Results

Semi-Volatile Organic Compounds	Units	7-PRE Results	MDL	Remark	7-POST Results	MDL	Remark
Methapyrilene	ug/L	3.8	3.8	U	4	4	U
Methyl methanesulfonate	ug/L	0.95	0.95	UJ	1	1	UJ
Naphthalene	ug/L	0.95	0.95	U	1	1	U
Nitrobenzene	ug/L	1.9	1.9	U	2	2	U
Nitroquinoline-1-oxide	ug/L	19	19	U	20	20	U
N-Nitrosodiethylamine	ug/L	0.95	0.95	U	1	1	U
N-Nitrosodimethylamine	ug/L	1.9	1.9	U	2	2	U
N-Nitrosodi-n-butylamine	ug/L	0.95	0.95	U	1	1	U
N-Nitrosodi-n-propylamine	ug/L	1.9	1.9	U	2	2	U
N-Nitrosodiphenylamine/ Diphenylamine	ug/L	2.9	2.9	U	3	3	U
N-Nitrosomethylethylamine	ug/L	1.9	1.9	U	2	2	U
N-Nitrosomorpholine	ug/L	0.95	0.95	U	1	1	U
N-Nitrosopiperidine	ug/L	0.95	0.95	U	1	1	U
N-Nitrosopyrrolidine	ug/L	1.9	1.9	U	2	2	U
o-Cresol	ug/L	1.9	1.9	U	2	2	U
o-Toluidine	ug/L	0.95	0.95	U	1	1	U
Pentachlorobenzene	ug/L	0.95	0.95	U	1	1	U
Pentachloroethane	ug/L	48	48	U	50	50	U
Pentachloronitrobenzene	ug/L	0.95	0.95	U	1	1	U
Pentachlorophenol	ug/L	2.9	2.9	U	3	3	U
Phenacetin	ug/L	3.8	3.8	U	4	4	U
Phenanthrene	ug/L	0.95	0.95	U	1	1	U
Phenol	ug/L	0.95	0.95	U	1	1	U
Pyrene	ug/L	0.95	0.95	U	1	1	U
Pyridine	ug/L	3.8	3.8	U	4	4	U
Safrole	ug/L	0.95	0.95	U	1	1	U
TRPH	mg/L	0.24	0.24	U	0.24	0.24	U

Table 2: Location 7 Analytical Results

Pesticides/Herbicides/PCBs	Units	7-PRE Results	MDL	Remark	7-POST Results	MDL	Remark
1,2-Dibromo-3-Chloropropane	ug/L	0.01	0.01	U	0.01	0.01	U
1,2-Dibromoethane	ug/L	0.01	0.01	U	0.01	0.01	U
2,4,5-T	ug/L	0.2	0.2	U	0.22	0.22	U
2,4-D	ug/L	0.2	0.2	U	0.22	0.22	U
Alachlor	ug/L	0.58	0.58	UJ	0.58	0.58	UJ
Aldrin	ug/L	0.0096	0.0096	U	0.0097	0.0097	U
Alpha-BHC	ug/L	0.0096	0.0096	U	0.0097	0.0097	U
Ametryn	ug/L	0.048	0.048	U	0.048	0.048	U
Atrazine	ug/L	0.048	0.048	U	0.048	0.048	U
Azinphos Methyl	ug/L	0.19	0.19	U	0.19	0.19	U
Beta-BHC	ug/L	0.0096	0.0096	U	0.0097	0.0097	U
Bromacil	ug/L	0.19	0.19	UJ	0.19	0.19	UJ
Butylate	ug/L	0.19	0.19	UJ	0.19	0.19	UJ
Chlordane	ug/L	0.19	0.19	U	0.19	0.19	U
Chlorpyrifos Ethyl	ug/L	0.048	0.048	U	0.048	0.048	U
Chlorpyrifos Methyl	ug/L	0.096	0.096	U	0.097	0.097	U
DDD-p,p'	ug/L	0.019	0.019	U	0.019	0.019	U
DDE-p,p'	ug/L	0.019	0.019	U	0.019	0.019	U
DDT-p,p'	ug/L	0.029	0.029	U	0.029	0.029	U
Delta-BHC	ug/L	0.0096	0.0096	U	0.0097	0.0097	U
Diazinon	ug/L	0.048	0.048	U	0.048	0.048	U
Dieldrin	ug/L	0.019	0.019	U	0.019	0.019	U
Endosulfan I	ug/L	0.019	0.019	U	0.019	0.019	U
Endosulfan II	ug/L	0.019	0.019	U	0.019	0.019	U
Endosulfan Sulfate	ug/L	0.019	0.019	U	0.019	0.019	U
Endrin	ug/L	0.048	0.048	U	0.048	0.048	U
Endrin Aldehyde	ug/L	0.019	0.019	U	0.019	0.019	U
Ethion	ug/L	0.048	0.048	U	0.048	0.048	U
Ethoprop	ug/L	0.096	0.096	U	0.097	0.097	U

Table 2: Location 7 Analytical Results

Pesticides/Herbicides/PCBs	Units	7-PRE Results	MDL	Remark	7-POST Results	MDL	Remark
Fenamiphos	ug/L	0.19	0.19	U	0.19	0.19	U
Fonofos	ug/L	0.096	0.096	U	0.097	0.097	U
Gamma-BHC	ug/L	0.0096	0.0096	U	0.0097	0.0097	U
Heptachlor	ug/L	0.0096	0.0096	U	0.0097	0.0097	U
Heptachlor Epoxide	ug/L	0.019	0.019	U	0.019	0.019	U
Hexazinone	ug/L	0.096	0.096	UJ	0.097	0.097	UJ
Malathion	ug/L	0.14	0.14	U	0.15	0.15	U
Metalaxyl	ug/L	0.24	0.24	U	0.24	0.24	U
Methoxychlor	ug/L	0.048	0.048	UJ	0.048	0.048	UJ
Metolachlor	ug/L	0.48	0.48	U	0.48	0.48	U
Metribuzin	ug/L	0.096	0.096	U	0.097	0.097	U
Mevinphos	ug/L	0.19	0.19	UJ	0.19	0.19	UJ
Naled	ug/L	0.77	0.77	U	0.78	0.78	U
Norflurazon	ug/L	0.14	0.14	UJ	0.15	0.15	UJ
Parathion Ethyl	ug/L	0.14	0.14	U	0.15	0.15	U
Parathion Methyl	ug/L	0.096	0.096	U	0.097	0.097	U
PCB-1016	ug/L	0.19	0.19	U	0.19	0.19	U
PCB-1221	ug/L	0.19	0.19	U	0.19	0.19	U
PCB-1232	ug/L	0.19	0.19	U	0.19	0.19	U
PCB-1242	ug/L	0.29	0.29	U	0.29	0.29	U
PCB-1248	ug/L	0.19	0.19	UJ	0.19	0.19	UJ
PCB-1254	ug/L	0.29	0.29	U	0.29	0.29	U
PCB-1260	ug/L	0.19	0.19	U	0.19	0.19	U
Phorate	ug/L	0.048	0.048	U	0.048	0.048	U
Prometryn	ug/L	0.14	0.14	U	0.15	0.15	U
Silvex	ug/L	0.2	0.2	U	0.22	0.22	U
Simazine	ug/L	0.048	0.048	U	0.048	0.048	U
Toxaphene	ug/L	0.72	0.72	U	0.73	0.73	U

Table 2: Location 7 Analytical Results

Metals	Units	7-PRE Results	MDL	Remark	7-POST Results	MDL	Remark
Aluminum	ug/L	60	60	U	60	60	U
Antimony	ug/L	0.25	0.25	U	0.25	0.25	U
Arsenic	ug/L	0.31	0.25	I	0.25	0.25	U
Barium	ug/L	17.7	0.2		2.1	0.2	
Beryllium	ug/L	0.025	0.025	U	0.025	0.025	U
Boron	ug/L	115	15		56	15	I
Cadmium	ug/L	0.03	0.03	U	0.03	0.03	U
Calcium	mg/L	172	0.075		39.6	0.08	
Chromium	ug/L	0.3	0.3	U	0.3	0.3	U
Cobalt	ug/L	0.11	0.03	I	0.053	0.03	I
Copper	ug/L	1.06	0.5		43.7	0.5	
Iron	ug/L	180	30		30	30	U
Lead	ug/L	0.2	0.2	U	0.97	0.2	
Magnesium	mg/L	20.9	0.04		0.55	0.04	
Manganese	ug/L	7.2	0.75		1.6	0.75	I
Mercury	ug/L	0.12	0.12	U	0.12	0.12	U
Molybdenum	ug/L	1.41	0.15		0.15	0.15	U
Nickel	ug/L	0.59	0.25	I	0.27	0.25	I
Potassium	mg/L	3.3	0.3		0.97	0.3	I
Selenium	ug/L	0.26	0.2	I	0.2	0.2	U
Silver	ug/L	0.025	0.025	U	0.025	0.025	U
Sodium	mg/L	175	0.5		329	2.5	
Strontium	ug/L	1.97E+03	2		60.9	2	
Thallium	ug/L	0.1	0.1	U	0.1	0.1	U
Tin	ug/L	3	3	U	3	3	U
Titanium	ug/L	0.75	0.75	U	0.75	0.75	U
Vanadium	ug/L	2	2	U	2	2	U
Zinc	ug/L	5.4	5	I	7.6	5	I

Table 2: Location 7 Analytical Results

Radionuclides	Units	7-PRE Results	MDL	Remark	7-POST Results	MDL	Remark
Alpha, Total	pCi/L	5.4			2.4		U
Alpha-Counting Error	pCi/L	1.7			1.5		
Beta, Total	pCi/L	6.5			2.5		U
Beta-Counting Error	pCi/L	1.6			1.5		
Radium 226	pCi/L	2.2			0.2		
Radium 226-Counting Error	pCi/L	0.3			0.1		
Radium 228	pCi/L	0.8		U	0.9		U
Radium 228-Counting Error	pCi/L	0.5			0.6		
Additional Analytes	Units	7-PRE Results	MDL	Remark	7-POST Results	MDL	Remark
1,4-Dioxane	ug/L	0.2	0.2	U	0.2	0.2	U
NO2NO3-N	mg N/L	0.012	0.004		0.005	0.005	I
Perchlorate	ug/L	1.5	1.5	U	1.2	1.2	U

0.8 Gray shading indicates analyte was detected above the laboratories method detection limit but at a concentration below any applicable Florida Drinking Water Standard or Groundwater Cleanup Target Level.

256 Yellow shading indicates analyte was detected above the laboratories method detection limit at a concentration exceeding either a Florida Drinking Water Standard or Groundwater Cleanup Target Level.

Location 8

Table 1: Summary of FDWS/GCTLs Exceedances and Radionuclides in Water Samples Collected Pre- and Post-Treatment from Location 8
February 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation

Analyte	FDWS/GCTL	8-Pre	8-Post
<i>Exceedances</i>			
None			
<i>Radionuclides</i>			
Total Alpha	15pCi/L (FPDWS)	4.1	ND
Radium 226/228	5 pCi/L (FPDWS)	2.0	1.1
Total Beta	50 pCi/L (FDEPSL)	2.1	ND
No Exceedances for Radionuclides			

FDWS=Florida Drinking Water Standard

GCTL=Ground Water Cleanup Target Level

FPDWS= Florida Primary Drinking Water Standard

FSDWS=Florida Secondary Drinking Water Standard

FDEPSL=FDEP Screening Level

ND=Non Detect

NA=Not Analyzed

Gray Shading= Analyte Detected

Yellow Shading=Exceedance of FDWS/GCTL

ug/L= micrograms per Liter

pCi/L=picocuries per Liter

mg/L=milligrams per Liter

Table 2: Location 8 Analytical Results

Volatile Organic Compounds	Units	8-PRE Results	MDL	Remark	8-POST Results	MDL	Remark
1,1,1-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1,2,2-Tetrachloroethane	ug/L	0.5	0.5	UJ	0.5	0.5	UJ
1,1,2-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
1,2-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
1,2-Dichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,2-Dichloropropane	ug/L	0.5	0.5	U	0.5	0.5	U
1,3-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
1,4-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
Benzene	ug/L	0.2	0.2	U	0.2	0.2	U
Bromodichloromethane	ug/L	0.2	0.2	U	0.23	0.2	I
Bromoform	ug/L	0.5	0.5	U	0.5	0.5	U
Bromomethane	ug/L	0.5	0.5	UJ	0.5	0.5	UJ
Carbon tetrachloride	ug/L	0.2	0.2	U	0.2	0.2	U
Chlorobenzene	ug/L	0.2	0.2	U	0.2	0.2	U
Chloroethane	ug/L	0.5	0.5	U	0.5	0.5	U
Chloroform	ug/L	0.2	0.2	U	8.9	0.2	
Chloromethane	ug/L	0.5	0.5	U	0.5	0.5	U
cis-1,2-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
cis-1,3-Dichloropropene	ug/L	0.5	0.5	U	0.5	0.5	U
Dibromochloromethane	ug/L	0.2	0.2	U	0.2	0.2	U
Ethylbenzene	ug/L	0.5	0.5	U	0.5	0.5	U
m,p-Xylene	ug/L	0.5	0.5	U	0.5	0.5	U
Methylene chloride	ug/L	0.5	0.5	U	0.5	0.5	U
Methyl-t-butyl ether	ug/L	0.5	0.5	U	0.5	0.5	U
o-Xylene	ug/L	0.2	0.2	U	0.2	0.2	U
Tetrachloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
Toluene	ug/L	0.5	0.5	U	0.5	0.5	U

Table 2: Location 8 Analytical Results

Volatile Organic Compounds	Units	8-PRE Results	MDL	Remark	8-POST Results	MDL	Remark
trans-1,2-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
trans-1,3-Dichloropropene	ug/L	0.2	0.2	U	0.2	0.2	U
Trichloroethene	ug/L	0.2	0.2	U	0.2	0.2	U
Trichlorofluoromethane	ug/L	0.5	0.5	U	0.5	0.5	U
Vinyl chloride	ug/L	0.5	0.5	U	0.5	0.5	U
Semi-Volatile Organic Compounds	Units	8-PRE Results	MDL	Remark	8-POST Results	MDL	Remark
1,2,4,5-Tetrachlorobenzene	ug/L	0.95	0.95	U	0.95	0.95	U
1,2,4-Trichlorobenzene	ug/L	0.95	0.95	U	0.95	0.95	U
1,3,5-Trinitrobenzene	ug/L	3.8	3.8	UJ	3.8	3.8	UJ
1,3-Dinitrobenzene	ug/L	1.9	1.9	U	1.9	1.9	U
1,4-Naphthoquinone	ug/L	19	19	UJ	19	19	UJ
1-Methylnaphthalene	ug/L	0.95	0.95	U	0.95	0.95	U
1-Naphthylamine	ug/L	9.5	9.5	U	9.5	9.5	U
2,3,4,6-Tetrachlorophenol	ug/L	1.9	1.9	U	1.9	1.9	U
2,4,5-Trichlorophenol	ug/L	0.95	0.95	U	0.95	0.95	U
2,4,6-Trichlorophenol	ug/L	0.95	0.95	U	0.95	0.95	U
2,4-Dichlorophenol	ug/L	0.95	0.95	U	0.95	0.95	U
2,4-Dimethylphenol	ug/L	9.5	9.5	U	9.5	9.5	U
2,4-Dinitrophenol	ug/L	14	14	U	14	14	U
2,4-Dinitrotoluene	ug/L	0.95	0.95	U	0.95	0.95	U
2,6-Dichlorophenol	ug/L	0.95	0.95	U	0.95	0.95	U
2,6-Dinitrotoluene	ug/L	0.95	0.95	U	0.95	0.95	U
2-Acetylaminofluorene	ug/L	0.95	0.95	U	0.95	0.95	U
2-Butanone	ug/L	5	5	U	5	5	U
2-Chloronaphthalene	ug/L	0.95	0.95	U	0.95	0.95	U
2-Chlorophenol	ug/L	0.95	0.95	U	0.95	0.95	U
2-Methyl-4,6-dinitrophenol	ug/L	2.8	2.8	U	2.9	2.9	U
2-Methylnaphthalene	ug/L	0.95	0.95	U	0.95	0.95	U

Table 2: Location 8 Analytical Results

Semi-Volatile Organic Compounds	Units	8-PRE Results	MDL	Remark	8-POST Results	MDL	Remark
2-Naphthylamine	ug/L	9.5	9.5	U	9.5	9.5	U
2-Nitroaniline	ug/L	0.95	0.95	U	0.95	0.95	U
2-Nitrophenol	ug/L	0.95	0.95	U	0.95	0.95	U
2-Picoline	ug/L	0.95	0.95	U	0.95	0.95	U
3,3'-Dichlorobenzidine	ug/L	38	38	U	38	38	U
3,3'-Dimethylbenzidine	ug/L	19	19	UJ	19	19	UJ
3-Methylcholanthrene	ug/L	0.95	0.95	U	0.95	0.95	U
3-Nitroaniline	ug/L	0.95	0.95	U	0.95	0.95	U
4-Aminobiphenyl	ug/L	3.8	3.8	U	3.8	3.8	U
4-Bromophenyl phenyl ether	ug/L	0.95	0.95	U	0.95	0.95	U
4-Chloro-3-methylphenol	ug/L	0.95	0.95	U	0.95	0.95	U
4-Chloroaniline	ug/L	0.95	0.95	U	0.95	0.95	U
4-Chlorophenyl phenyl ether	ug/L	1.9	1.9	U	1.9	1.9	U
4-Nitroaniline	ug/L	0.95	0.95	UJ	0.95	0.95	UJ
4-Nitrophenol	ug/L	14	14	U	14	14	U
5-Nitro-o-toluidine	ug/L	0.95	0.95	U	0.95	0.95	U
7,12-Dimethylbenz(a)anthracene	ug/L	0.95	0.95	U	0.95	0.95	U
Acenaphthene	ug/L	0.95	0.95	U	0.95	0.95	U
Acenaphthylene	ug/L	0.95	0.95	U	0.95	0.95	U
Acetophenone	ug/L	0.95	0.95	U	0.95	0.95	U
Acifluorfen	ug/L	0.2	0.2	UJ	0.21	0.21	UJ
Aniline	ug/L	0.95	0.95	U	0.95	0.95	U
Anthracene	ug/L	0.95	0.95	U	0.95	0.95	U
Azobenzene/1,2-Diphenylhydrazine	ug/L	0.95	0.95	U	0.95	0.95	U
Benzidine	ug/L	95	95	U	95	95	U
Benzo(a)anthracene	ug/L	0.95	0.95	U	0.95	0.95	U
Benzo(a)pyrene	ug/L	0.95	0.95	U	0.95	0.95	U
Benzo(b)fluoranthene	ug/L	0.95	0.95	U	0.95	0.95	U
Benzo(g,h,i)perylene	ug/L	0.95	0.95	U	0.95	0.95	U

Table 2: Location 8 Analytical Results

Semi-Volatile Organic Compounds	Units	8-PRE Results	MDL	Remark	8-POST Results	MDL	Remark
Benzo(k)fluoranthene	ug/L	0.95	0.95	U	0.95	0.95	U
Benzyl alcohol	ug/L	0.95	0.95	U	0.95	0.95	U
Bis(2-chloroethoxy)methane	ug/L	0.95	0.95	U	0.95	0.95	U
Bis(2-chloroethyl)ether	ug/L	0.95	0.95	U	0.95	0.95	U
Bis(2-chloroisopropyl)ether	ug/L	2.8	2.8	U	2.9	2.9	U
Bis(2-ethylhexyl)phthalate	ug/L	14	14	U	14	14	U
Butyl benzyl phthalate	ug/L	4.7	4.7	U	4.8	4.8	U
Carbazole	ug/L	0.95	0.95	U	0.95	0.95	U
Chrysene	ug/L	0.95	0.95	U	0.95	0.95	U
Dibenzo(a,h)anthracene	ug/L	0.95	0.95	U	0.95	0.95	U
Dibenzofuran	ug/L	0.95	0.95	U	0.95	0.95	U
Diethyl phthalate	ug/L	0.95	0.95	U	0.95	0.95	U
Dimethyl phthalate	ug/L	9.5	9.5	U	9.5	9.5	U
Dimethylaminoazobenzene	ug/L	0.95	0.95	U	0.95	0.95	U
Di-n-butyl phthalate	ug/L	4.7	4.7	U	4.8	4.8	U
Di-n-octyl phthalate	ug/L	0.95	0.95	U	0.95	0.95	U
Dinoseb	ug/L	3.8	3.8	U	3.8	3.8	U
Ethyl methanesulfonate	ug/L	0.95	0.95	U	0.95	0.95	U
Fluoranthene	ug/L	0.95	0.95	U	0.95	0.95	U
Fluorene	ug/L	0.95	0.95	U	0.95	0.95	U
Hexachlorobenzene	ug/L	0.95	0.95	U	0.95	0.95	U
Hexachlorobutadiene	ug/L	2.8	2.8	U	2.9	2.9	U
Hexachlorocyclopentadiene	ug/L	2.8	2.8	U	2.9	2.9	U
Hexachloroethane	ug/L	2.8	2.8	U	2.9	2.9	U
Hexachloropropene	ug/L	1.9	1.9	UJ	1.9	1.9	UJ
Indeno(1,2,3-cd)pyrene	ug/L	0.95	0.95	U	0.95	0.95	U
Isophorone	ug/L	0.95	0.95	U	0.95	0.95	U
Isosafrole	ug/L	0.95	0.95	U	0.95	0.95	U
m,p-Cresols	ug/L	1.9	1.9	U	1.9	1.9	U

Table 2: Location 8 Analytical Results

Semi-Volatile Organic Compounds	Units	8-PRE Results	MDL	Remark	8-POST Results	MDL	Remark
Methapyrilene	ug/L	3.8	3.8	U	3.8	3.8	U
Methyl methanesulfonate	ug/L	0.95	0.95	UJ	0.95	0.95	UJ
Naphthalene	ug/L	0.95	0.95	U	0.95	0.95	U
Nitrobenzene	ug/L	1.9	1.9	U	1.9	1.9	U
Nitroquinoline-1-oxide	ug/L	19	19	U	19	19	U
N-Nitrosodiethylamine	ug/L	0.95	0.95	U	0.95	0.95	U
N-Nitrosodimethylamine	ug/L	1.9	1.9	U	1.9	1.9	U
N-Nitrosodi-n-butylamine	ug/L	0.95	0.95	U	0.95	0.95	U
N-Nitrosodi-n-propylamine	ug/L	1.9	1.9	U	1.9	1.9	U
N-Nitrosodiphenylamine/ Diphenylamine	ug/L	2.8	2.8	U	2.9	2.9	U
N-Nitrosomethylethylamine	ug/L	1.9	1.9	U	1.9	1.9	U
N-Nitrosomorpholine	ug/L	0.95	0.95	U	0.95	0.95	U
N-Nitrosopiperidine	ug/L	0.95	0.95	U	0.95	0.95	U
N-Nitrosopyrrolidine	ug/L	1.9	1.9	U	1.9	1.9	U
o-Cresol	ug/L	1.9	1.9	U	1.9	1.9	U
o-Toluidine	ug/L	0.95	0.95	U	0.95	0.95	U
Pentachlorobenzene	ug/L	0.95	0.95	U	0.95	0.95	U
Pentachloroethane	ug/L	47	47	U	48	48	U
Pentachloronitrobenzene	ug/L	0.95	0.95	U	0.95	0.95	U
Pentachlorophenol	ug/L	2.8	2.8	U	2.9	2.9	U
Phenacetin	ug/L	3.8	3.8	U	3.8	3.8	U
Phenanthrene	ug/L	0.95	0.95	U	0.95	0.95	U
Phenol	ug/L	0.95	0.95	U	0.95	0.95	U
Pyrene	ug/L	0.95	0.95	U	0.95	0.95	U
Pyridine	ug/L	3.8	3.8	U	3.8	3.8	U
Safrole	ug/L	0.95	0.95	U	0.95	0.95	U
TRPH	mg/L	0.24	0.24	U	0.24	0.24	U

Table 2: Location 8 Analytical Results

Pesticides/Herbicides/PCBs	Units	8-PRE Results	MDL	Remark	8-POST Results	MDL	Remark
1,2-Dibromo-3-Chloropropane	ug/L	0.011	0.011	U	0.01	0.01	U
1,2-Dibromoethane	ug/L	0.011	0.011	U	0.01	0.01	U
2,4,5-T	ug/L	0.2	0.2	U	0.21	0.21	U
2,4-D	ug/L	0.2	0.2	U	0.21	0.21	U
Alachlor	ug/L	0.6	0.6	UJ	0.6	0.6	UJ
Aldrin	ug/L	0.01	0.01	U	0.01	0.01	U
Alpha-BHC	ug/L	0.01	0.01	U	0.01	0.01	U
Ametryn	ug/L	0.05	0.05	U	0.05	0.05	U
Atrazine	ug/L	0.05	0.05	U	0.05	0.05	U
Azinphos Methyl	ug/L	0.2	0.2	U	0.2	0.2	U
Beta-BHC	ug/L	0.01	0.01	U	0.01	0.01	U
Bromacil	ug/L	0.2	0.2	UJ	0.2	0.2	UJ
Butylate	ug/L	0.2	0.2	UJ	0.2	0.2	UJ
Chlordane	ug/L	0.2	0.2	U	0.2	0.2	U
Chlorpyrifos Ethyl	ug/L	0.05	0.05	U	0.05	0.05	U
Chlorpyrifos Methyl	ug/L	0.1	0.1	U	0.1	0.1	U
DDD-p,p'	ug/L	0.02	0.02	U	0.02	0.02	U
DDE-p,p'	ug/L	0.02	0.02	U	0.02	0.02	U
DDT-p,p'	ug/L	0.03	0.03	U	0.03	0.03	U
Delta-BHC	ug/L	0.01	0.01	U	0.01	0.01	U
Diazinon	ug/L	0.05	0.05	U	0.05	0.05	U
Dieldrin	ug/L	0.02	0.02	U	0.02	0.02	U
Endosulfan I	ug/L	0.02	0.02	U	0.02	0.02	U
Endosulfan II	ug/L	0.02	0.02	U	0.02	0.02	U
Endosulfan Sulfate	ug/L	0.02	0.02	U	0.02	0.02	U
Endrin	ug/L	0.05	0.05	U	0.05	0.05	U
Endrin Aldehyde	ug/L	0.02	0.02	U	0.02	0.02	U
Ethion	ug/L	0.05	0.05	U	0.05	0.05	U
Ethoprop	ug/L	0.1	0.1	U	0.1	0.1	U

Table 2: Location 8 Analytical Results

Pesticides/Herbicides/PCBs	Units	8-PRE Results	MDL	Remark	8-POST Results	MDL	Remark
Fenamiphos	ug/L	0.2	0.2	U	0.2	0.2	U
Fonofos	ug/L	0.1	0.1	U	0.1	0.1	U
Gamma-BHC	ug/L	0.01	0.01	U	0.01	0.01	U
Heptachlor	ug/L	0.01	0.01	U	0.01	0.01	U
Heptachlor Epoxide	ug/L	0.02	0.02	U	0.02	0.02	U
Hexazinone	ug/L	0.1	0.1	UJ	0.1	0.1	UJ
Malathion	ug/L	0.15	0.15	U	0.15	0.15	U
Metalaxyl	ug/L	0.25	0.25	U	0.25	0.25	U
Methoxychlor	ug/L	0.05	0.05	UJ	0.05	0.05	UJ
Metolachlor	ug/L	0.5	0.5	U	0.5	0.5	U
Metribuzin	ug/L	0.1	0.1	U	0.1	0.1	U
Mevinphos	ug/L	0.2	0.2	UJ	0.2	0.2	UJ
Naled	ug/L	0.8	0.8	U	0.8	0.8	U
Norflurazon	ug/L	0.15	0.15	UJ	0.15	0.15	UJ
Parathion Ethyl	ug/L	0.15	0.15	U	0.15	0.15	U
Parathion Methyl	ug/L	0.1	0.1	U	0.1	0.1	U
PCB-1016	ug/L	0.2	0.2	U	0.2	0.2	U
PCB-1221	ug/L	0.2	0.2	U	0.2	0.2	U
PCB-1232	ug/L	0.2	0.2	U	0.2	0.2	U
PCB-1242	ug/L	0.3	0.3	U	0.3	0.3	U
PCB-1248	ug/L	0.2	0.2	UJ	0.2	0.2	UJ
PCB-1254	ug/L	0.3	0.3	U	0.3	0.3	U
PCB-1260	ug/L	0.2	0.2	U	0.2	0.2	U
Phorate	ug/L	0.05	0.05	U	0.05	0.05	U
Prometryn	ug/L	0.15	0.15	U	0.15	0.15	U
Silvex	ug/L	0.2	0.2	U	0.21	0.21	U
Simazine	ug/L	0.05	0.05	U	0.05	0.05	U
Toxaphene	ug/L	0.75	0.75	U	0.75	0.75	U

Table 2: Location 8 Analytical Results

Metals	Units	8-PRE Results	MDL	Remark	8-POST Results	MDL	Remark
Aluminum	ug/L	60	60	U	60	60	U
Antimony	ug/L	0.25	0.25	U	0.25	0.25	U
Arsenic	ug/L	0.25	0.25	U	0.25	0.25	U
Barium	ug/L	9.9	0.2		0.32	0.2	I
Beryllium	ug/L	0.025	0.025	U	0.025	0.025	U
Boron	ug/L	54	15	I	45	15	I
Cadmium	ug/L	0.03	0.03	U	0.03	0.03	U
Calcium	mg/L	91.9	0.075		1.69	0.08	
Chromium	ug/L	1.1	0.3	I	0.3	0.3	U
Cobalt	ug/L	0.097	0.03	I	0.03	0.03	U
Copper	ug/L	0.68	0.5		12.2	0.5	
Iron	ug/L	30	30	U	30	30	U
Lead	ug/L	0.2	0.2	U	0.28	0.2	I
Magnesium	mg/L	5.76	0.04		0.04	0.04	U
Manganese	ug/L	3.5	0.75		0.75	0.75	U
Mercury	ug/L	0.12	0.12	U	0.12	0.12	U
Molybdenum	ug/L	0.15	0.15	I	0.15	0.15	U
Nickel	ug/L	0.25	0.25	U	0.25	0.25	U
Potassium	mg/L	1.2	0.3		0.3	0.3	U
Selenium	ug/L	0.2	0.2	U	0.2	0.2	U
Silver	ug/L	0.025	0.025	U	0.025	0.025	U
Sodium	mg/L	19.4	0.5		132	0.5	
Strontium	ug/L	569	2		2	2	U
Thallium	ug/L	0.1	0.1	U	0.1	0.1	U
Tin	ug/L	3	3	U	3	3	U
Titanium	ug/L	0.75	0.75	U	0.75	0.75	U
Vanadium	ug/L	2	2	U	2	2	U
Zinc	ug/L	5	5	U	5	5	U

Table 2: Location 8 Analytical Results

Radionuclides	Units	8-PRE Results	MDL	Remark	8-POST Results	MDL	Remark
Alpha, Total	pCi/L	4.1			1.3		U
Alpha-Counting Error	pCi/L	1.2			0.8		
Beta, Total	pCi/L	2.1			1.8		U
Beta-Counting Error	pCi/L	1			1.1		
Radium 226	pCi/L	0.8			0.2		
Radium 226-Counting Error	pCi/L	0.2			0.1		
Radium 228	pCi/L	1.2			0.9		
Radium 228-Counting Error	pCi/L	0.6			0.5		
Additional Analytes	Units	8-PRE Results	MDL	Remark	8-POST Results	MDL	Remark
1,4-Dioxane	ug/L	0.2	0.2	U	0.2	0.2	U
NO2NO3-N	mg N/L	0.004	0.004	U	0.004	0.004	U
Perchlorate	ug/L	1.2	1.2	U	0.3	0.3	U

0.8 Gray shading indicates analyte was detected above the laboratories method detection limit but at a concentration below any applicable Florida Drinking Water Standard or Groundwater Cleanup Target Level.

256 Yellow shading indicates analyte was detected above the laboratories method detection limit at a concentration exceeding either a Florida Drinking Water Standard or Groundwater Cleanup Target Level.

Location 9

Table 1: Summary of FDWS/GCTLs Exceedances and Radionuclides in Water Samples Collected Pre- and Post-Treatment from Location 9
February 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation

Analyte	FDWS/GCTL	9-Pre	9-Post
<i>Exceedances</i>			
Sodium	160 mg/L (FPDWS)	41.2	217
<i>Radionuclides</i>			
Total Alpha	15pCi/L (FPDWS)	2.7	1.2
Radium 226/228	5 pCi/L (FPDWS)	2.0	0.9
Total Beta	50 pCi/L (FDEPSL)	2.5	ND
No Exceedances for Radionuclides			

FDWS=Florida Drinking Water Standard

GCTL=Ground Water Cleanup Target Level

FPDWS= Florida Primary Drinking Water Standard

FSDWS=Florida Secondary Drinking Water Standard

FDEPSL=FDEP Screening Level

ND=Non Detect

NA=Not Analyzed

Gray Shading= Analyte Detected

Yellow Shading=Exceedance of FDWS/GCTL

ug/L= micrograms per Liter

pCi/L=picocuries per Liter

mg/L=milligrams per Liter

Table 2: Location 9 Analytical Results

Volatile Organic Compounds	Units	9-PRE Results	MDL	Remark	9-PRE Results Dup	MDL	Remark	9-POST Results	MDL	Remark
1,1,1-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
1,1,2,2-Tetrachloroethane	ug/L	0.5	0.5	UJ	0.5	0.5	UJ	0.5	0.5	UJ
1,1,2-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
1,2-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
1,2-Dichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
1,2-Dichloropropane	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
1,3-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
1,4-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
Benzene	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
Bromodichloromethane	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
Bromoform	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
Bromomethane	ug/L	0.5	0.5	UJ	0.5	0.5	UJ	0.5	0.5	UJ
Carbon tetrachloride	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
Chlorobenzene	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
Chloroethane	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
Chloroform	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
Chloromethane	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
cis-1,2-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
cis-1,3-Dichloropropene	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
Dibromochloromethane	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
Ethylbenzene	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
m,p-Xylene	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
Methylene chloride	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
Methyl-t-butyl ether	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
o-Xylene	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
Tetrachloroethene	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
Toluene	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U

Table 2: Location 9 Analytical Results

Volatile Organic Compounds	Units	9-PRE Results	MDL	Remark	9-PRE Results Dup	MDL	Remark	9-POST Results	MDL	Remark
trans-1,2-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
trans-1,3-Dichloropropene	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
Trichloroethene	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
Trichlorofluoromethane	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
Vinyl chloride	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
Semi-Volatile Organic Compounds	Units	9-PRE Results	MDL	Remark	9-PRE Results Dup	MDL	Remark	9-POST Results	MDL	Remark
1,2,4,5-Tetrachlorobenzene	ug/L	0.97	0.97	U	0.97	0.97	U	1	1	U
1,2,4-Trichlorobenzene	ug/L	0.97	0.97	U	0.97	0.97	U	1	1	U
1,3,5-Trinitrobenzene	ug/L	3.9	3.9	UJ	3.9	3.9	UJ	4	4	U
1,3-Dinitrobenzene	ug/L	1.9	1.9	U	1.9	1.9	U	2	2	U
1,4-Naphthoquinone	ug/L	19	19	UJ	19	19	UJ	20	20	UJ
1-Methylnaphthalene	ug/L	0.97	0.97	U	0.97	0.97	U	1	1	U
1-Naphthylamine	ug/L	9.7	9.7	U	9.7	9.7	U	10	10	U
2,3,4,6-Tetrachlorophenol	ug/L	1.9	1.9	U	1.9	1.9	U	2	2	U
2,4,5-Trichlorophenol	ug/L	0.97	0.97	U	0.97	0.97	U	1	1	U
2,4,6-Trichlorophenol	ug/L	0.97	0.97	U	0.97	0.97	U	1	1	U
2,4-Dichlorophenol	ug/L	0.97	0.97	U	0.97	0.97	U	1	1	U
2,4-Dimethylphenol	ug/L	9.7	9.7	U	9.7	9.7	U	10	10	U
2,4-Dinitrophenol	ug/L	15	15	U	15	15	U	15	15	U
2,4-Dinitrotoluene	ug/L	0.97	0.97	U	0.97	0.97	U	1	1	U
2,6-Dichlorophenol	ug/L	0.97	0.97	U	0.97	0.97	U	1	1	U
2,6-Dinitrotoluene	ug/L	0.97	0.97	U	0.97	0.97	U	1	1	U
2-Acetylaminofluorene	ug/L	0.97	0.97	U	0.97	0.97	U	1	1	U
2-Butanone	ug/L	5	5	U	5	5	U	5	5	U
2-Chloronaphthalene	ug/L	0.97	0.97	U	0.97	0.97	U	1	1	U
2-Chlorophenol	ug/L	0.97	0.97	U	0.97	0.97	U	1	1	U
2-Methyl-4,6-dinitrophenol	ug/L	2.9	2.9	U	2.9	2.9	U	3	3	U
2-Methylnaphthalene	ug/L	0.97	0.97	U	0.97	0.97	U	1	1	U

Table 2: Location 9 Analytical Results

Semi-Volatile Organic Compounds	Units	9-PRE Results	MDL	Remark	9-PRE Results Dup	MDL	Remark	9-POST Results	MDL	Remark
2-Naphthylamine	ug/L	9.7	9.7	U	9.7	9.7	U	10	10	U
2-Nitroaniline	ug/L	0.97	0.97	U	0.97	0.97	U	1	1	U
2-Nitrophenol	ug/L	0.97	0.97	U	0.97	0.97	U	1	1	U
2-Picoline	ug/L	0.97	0.97	U	0.97	0.97	U	1	1	U
3,3'-Dichlorobenzidine	ug/L	39	39	U	39	39	U	40	40	U
3,3'-Dimethylbenzidine	ug/L	19	19	UJ	19	19	UJ	20	20	UJ
3-Methylcholanthrene	ug/L	0.97	0.97	U	0.97	0.97	U	1	1	U
3-Nitroaniline	ug/L	0.97	0.97	U	0.97	0.97	U	1	1	U
4-Aminobiphenyl	ug/L	3.9	3.9	U	3.9	3.9	U	4	4	U
4-Bromophenyl phenyl ether	ug/L	0.97	0.97	U	0.97	0.97	U	1	1	U
4-Chloro-3-methylphenol	ug/L	0.97	0.97	U	0.97	0.97	U	1	1	U
4-Chloroaniline	ug/L	0.97	0.97	U	0.97	0.97	U	1	1	U
4-Chlorophenyl phenyl ether	ug/L	1.9	1.9	U	1.9	1.9	U	2	2	U
4-Nitroaniline	ug/L	0.97	0.97	UJ	0.97	0.97	UJ	1	1	UJ
4-Nitrophenol	ug/L	15	15	U	15	15	U	15	15	U
5-Nitro-o-toluidine	ug/L	0.97	0.97	U	0.97	0.97	U	1	1	U
7,12-Dimethylbenz(a)anthracene	ug/L	0.97	0.97	U	0.97	0.97	U	1	1	U
Acenaphthene	ug/L	0.97	0.97	U	0.97	0.97	U	1	1	U
Acenaphthylene	ug/L	0.97	0.97	U	0.97	0.97	U	1	1	U
Acetophenone	ug/L	0.97	0.97	U	0.97	0.97	U	1	1	U
Acifluorfen	ug/L	0.21	0.21	UJ	0.2	0.2	UJ	0.22	0.22	UJ
Aniline	ug/L	0.97	0.97	U	0.97	0.97	U	1	1	UJ
Anthracene	ug/L	0.97	0.97	U	0.97	0.97	U	1	1	U
Azobenzene/1,2-Diphenylhydrazine	ug/L	0.97	0.97	U	0.97	0.97	U	1	1	U
Benzidine	ug/L	97	97	U	97	97	U	100	100	U
Benzo(a)anthracene	ug/L	0.97	0.97	U	0.97	0.97	U	1	1	U
Benzo(a)pyrene	ug/L	0.97	0.97	U	0.97	0.97	U	1	1	U
Benzo(b)fluoranthene	ug/L	0.97	0.97	U	0.97	0.97	U	1	1	U
Benzo(g,h,i)perylene	ug/L	0.97	0.97	U	0.97	0.97	U	1	1	U

Table 2: Location 9 Analytical Results

Semi-Volatile Organic Compounds	Units	9-PRE Results	MDL	Remark	9-PRE Results Dup	MDL	Remark	9-POST Results	MDL	Remark
Benzo(k)fluoranthene	ug/L	0.97	0.97	U	0.97	0.97	U	1	1	U
Benzyl alcohol	ug/L	0.97	0.97	U	0.97	0.97	U	1	1	U
Bis(2-chloroethoxy)methane	ug/L	0.97	0.97	U	0.97	0.97	U	1	1	U
Bis(2-chloroethyl)ether	ug/L	0.97	0.97	U	0.97	0.97	U	1	1	U
Bis(2-chloroisopropyl)ether	ug/L	2.9	2.9	U	2.9	2.9	U	3	3	U
Bis(2-ethylhexyl)phthalate	ug/L	15	15	U	15	15	U	15	15	U
Butyl benzyl phthalate	ug/L	4.9	4.9	U	4.8	4.8	U	5	5	U
Carbazole	ug/L	0.97	0.97	U	0.97	0.97	U	1	1	U
Chrysene	ug/L	0.97	0.97	U	0.97	0.97	U	1	1	U
Dibenzo(a,h)anthracene	ug/L	0.97	0.97	U	0.97	0.97	U	1	1	U
Dibenzofuran	ug/L	0.97	0.97	U	0.97	0.97	U	1	1	U
Diethyl phthalate	ug/L	0.97	0.97	U	0.97	0.97	U	1	1	UJ
Dimethyl phthalate	ug/L	9.7	9.7	U	9.7	9.7	U	10	10	UJ
Dimethylaminoazobenzene	ug/L	0.97	0.97	U	0.97	0.97	U	1	1	U
Di-n-butyl phthalate	ug/L	4.9	4.9	U	4.8	4.8	U	5	5	UJ
Di-n-octyl phthalate	ug/L	0.97	0.97	U	0.97	0.97	U	1	1	U
Dinoseb	ug/L	3.9	3.9	U	3.9	3.9	U	4	4	UJ
Ethyl methanesulfonate	ug/L	0.97	0.97	U	0.97	0.97	U	1	1	U
Fluoranthene	ug/L	0.97	0.97	U	0.97	0.97	U	1	1	U
Fluorene	ug/L	0.97	0.97	U	0.97	0.97	U	1	1	U
Hexachlorobenzene	ug/L	0.97	0.97	U	0.97	0.97	U	1	1	U
Hexachlorobutadiene	ug/L	2.9	2.9	U	2.9	2.9	U	3	3	U
Hexachlorocyclopentadiene	ug/L	2.9	2.9	U	2.9	2.9	U	3	3	U
Hexachloroethane	ug/L	2.9	2.9	U	2.9	2.9	U	3	3	U
Hexachloropropene	ug/L	1.9	1.9	UJ	1.9	1.9	UJ	2	2	U
Indeno(1,2,3-cd)pyrene	ug/L	0.97	0.97	U	0.97	0.97	U	1	1	U
Isophorone	ug/L	0.97	0.97	U	0.97	0.97	U	1	1	U
Isosafrole	ug/L	0.97	0.97	U	0.97	0.97	U	1	1	UJ
m,p-Cresols	ug/L	1.9	1.9	U	1.9	1.9	U	2	2	U

Table 2: Location 9 Analytical Results[illegible]

Table 2: Location 9 Analytical Results

Pesticides/Herbicides/PCBs	Units	9-PRE Results	MDL	Remark	9-PRE Results Dup	MDL	Remark	9-POST Results	MDL	Remark
1,2-Dibromo-3-Chloropropane	ug/L	0.01	0.01	U	0.01	0.01	U	0.01	0.01	U
1,2-Dibromoethane	ug/L	0.01	0.01	U	0.01	0.01	U	0.01	0.01	U
2,4,5-T	ug/L	0.21	0.21	U	0.2	0.2	U	0.22	0.22	U
2,4-D	ug/L	0.21	0.21	U	0.2	0.2	U	0.22	0.22	U
Alachlor	ug/L	0.58	0.58	UJ	0.58	0.58	UJ	0.6	0.6	UJ
Aldrin	ug/L	0.0096	0.0096	U	0.0097	0.0097	U	0.0099	0.0099	U
Alpha-BHC	ug/L	0.0096	0.0096	U	0.0097	0.0097	U	0.0099	0.0099	U
Ametryn	ug/L	0.048	0.048	U	0.048	0.048	U	0.05	0.05	U
Atrazine	ug/L	0.048	0.048	U	0.048	0.048	U	0.05	0.05	U
Azinphos Methyl	ug/L	0.19	0.19	U	0.19	0.19	U	0.2	0.2	U
Beta-BHC	ug/L	0.0096	0.0096	U	0.0097	0.0097	U	0.0099	0.0099	U
Bromacil	ug/L	0.19	0.19	UJ	0.19	0.19	UJ	0.2	0.2	UJ
Butylate	ug/L	0.19	0.19	UJ	0.19	0.19	UJ	0.2	0.2	UJ
Chlordane	ug/L	0.19	0.19	U	0.19	0.19	U	0.2	0.2	U
Chlorpyrifos Ethyl	ug/L	0.048	0.048	U	0.048	0.048	U	0.05	0.05	U
Chlorpyrifos Methyl	ug/L	0.096	0.096	U	0.097	0.097	U	0.099	0.099	U
DDD-p,p'	ug/L	0.019	0.019	U	0.019	0.019	U	0.02	0.02	U
DDE-p,p'	ug/L	0.019	0.019	U	0.019	0.019	U	0.02	0.02	U
DDT-p,p'	ug/L	0.029	0.029	U	0.029	0.029	U	0.03	0.03	U
Delta-BHC	ug/L	0.0096	0.0096	U	0.0097	0.0097	U	0.0099	0.0099	U
Diazinon	ug/L	0.048	0.048	U	0.048	0.048	U	0.05	0.05	U
Dieldrin	ug/L	0.019	0.019	U	0.019	0.019	U	0.02	0.02	U
Endosulfan I	ug/L	0.019	0.019	U	0.019	0.019	U	0.02	0.02	U
Endosulfan II	ug/L	0.019	0.019	U	0.019	0.019	U	0.02	0.02	U
Endosulfan Sulfate	ug/L	0.019	0.019	U	0.019	0.019	U	0.02	0.02	U
Endrin	ug/L	0.048	0.048	U	0.048	0.048	U	0.05	0.05	U
Endrin Aldehyde	ug/L	0.019	0.019	U	0.019	0.019	U	0.02	0.02	U
Ethion	ug/L	0.048	0.048	U	0.048	0.048	U	0.05	0.05	U
Ethoprop	ug/L	0.096	0.096	U	0.097	0.097	U	0.099	0.099	U

Table 2: Location 9 Analytical Results

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Table 2: Location 9 Analytical Results

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Table 2: Location 9 Analytical Results

Radionuclides	Units	9-PRE Results	MDL	Remark	9-PRE Results Dup	MDL	Remark	9-POST Results	MDL	Remark
Alpha, Total	pCi/L	2.7			3.1			1.2		
Alpha-Counting Error	pCi/L	1.1			1.2			1		
Beta, Total	pCi/L	2.5			2.7			2		U
Beta-Counting Error	pCi/L	1.1			1.1			1.2		
Radium 226	pCi/L	2			2.2			0.9		
Radium 226-Counting Error	pCi/L	0.2			0.3			0.2		
Radium 228	pCi/L	1		U	0.8		U	0.9		U
Radium 228-Counting Error	pCi/L	0.6			0.5			0.6		
Additional Analytes	Units	9-PRE Results	MDL	Remark	9-PRE Results Dup	MDL	Remark	9-POST Results	MDL	Remark
1,4-Dioxane	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
NO2NO3-N	mg N/L	0.004	0.004	U	0.004	0.004	U	0.004	0.004	U
Perchlorate	ug/L	1.2	1.2	U	1.2	1.2	U	0.6	0.6	U

0.8 Gray shading indicates analyte was detected above the laboratories method detection limit but at a concentration below any applicable Florida Drinking Water Standard or Groundwater Cleanup Target Level.

256 Yellow shading indicates analyte was detected above the laboratories method detection limit at a concentration exceeding either a Florida Drinking Water Standard or Groundwater Cleanup Target Level.

Location 10

Table 1: Summary of FDWS/GCTLs Exceedances and Radionuclides in Water Samples Collected Pre- and Post-Treatment from Location 10
February 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation

Analyte	FDWS/GCTL	10-Pre	10-Post
<i>Exceedances</i>			
Iron	300 ug/L (FSDWS)	640	ND
Sodium	160 mg/L (FPDWS)	24.7	181
<i>Radionuclides</i>			
Total Alpha	15pCi/L (FPDWS)	4.0	ND
Radium 226/228	5 pCi/L (FPDWS)	2.0	ND
Total Beta	50 pCi/L (FDEPSL)	2.4	ND
No Exceedances for Radionuclides			

FDWS=Florida Drinking Water Standard

GCTL=Ground Water Cleanup Target Level

FPDWS= Florida Primary Drinking Water Standard

FSDWS=Florida Secondary Drinking Water Standard

FDEPSL=FDEP Screening Level

ND=Non Detect

NA=Not Analyzed

Gray Shading= Analyte Detected

Yellow Shading=Exceedance of FDWS/GCTL

ug/L= micrograms per Liter

pCi/L=picocuries per Liter

mg/L=milligrams per Liter

Table 2: Location 10 Analytical Results

Volatile Organic Compounds	Units	10-PRE Results	MDL	Remark	10-POST Results	MDL	Remark
1,1,1-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1,2,2-Tetrachloroethane	ug/L	0.5	0.5	UJ	0.5	0.5	UJ
1,1,2-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
1,2-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
1,2-Dichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,2-Dichloropropane	ug/L	0.5	0.5	U	0.5	0.5	U
1,3-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
1,4-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
Benzene	ug/L	0.2	0.2	U	0.2	0.2	U
Bromodichloromethane	ug/L	0.2	0.2	U	0.2	0.2	U
Bromoform	ug/L	0.5	0.5	U	0.5	0.5	U
Bromomethane	ug/L	0.5	0.5	UJ	0.5	0.5	UJ
Carbon tetrachloride	ug/L	0.2	0.2	U	0.2	0.2	U
Chlorobenzene	ug/L	0.2	0.2	U	0.2	0.2	U
Chloroethane	ug/L	0.5	0.5	U	0.5	0.5	U
Chloroform	ug/L	0.2	0.2	U	0.2	0.2	U
Chloromethane	ug/L	0.5	0.5	U	0.5	0.5	U
cis-1,2-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
cis-1,3-Dichloropropene	ug/L	0.5	0.5	U	0.5	0.5	U
Dibromochloromethane	ug/L	0.2	0.2	U	0.2	0.2	U
Ethylbenzene	ug/L	0.5	0.5	U	0.5	0.5	U
m,p-Xylene	ug/L	0.5	0.5	U	0.5	0.5	U
Methylene chloride	ug/L	0.5	0.5	U	0.5	0.5	U
Methyl-t-butyl ether	ug/L	0.5	0.5	U	0.5	0.5	U
o-Xylene	ug/L	0.2	0.2	U	0.2	0.2	U
Tetrachloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
Toluene	ug/L	0.5	0.5	U	0.5	0.5	U

Table 2: Location 10 Analytical Results

Volatile Organic Compounds	Units	10-PRE Results	MDL	Remark	10-POST Results	MDL	Remark
trans-1,2-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
trans-1,3-Dichloropropene	ug/L	0.2	0.2	U	0.2	0.2	U
Trichloroethene	ug/L	0.2	0.2	U	0.2	0.2	U
Trichlorofluoromethane	ug/L	0.5	0.5	U	0.5	0.5	U
Vinyl chloride	ug/L	0.5	0.5	U	0.5	0.5	U
Semi-Volatile Organic Compounds	Units	10-PRE Results	MDL	Remark	10-POST Results	MDL	Remark
1,2,4,5-Tetrachlorobenzene	ug/L	0.98	0.98	U	0.99	0.99	U
1,2,4-Trichlorobenzene	ug/L	0.98	0.98	U	0.99	0.99	U
1,3,5-Trinitrobenzene	ug/L	3.9	3.9	UJ	3.9	3.9	U
1,3-Dinitrobenzene	ug/L	2	2	U	2	2	U
1,4-Naphthoquinone	ug/L	20	20	UJ	20	20	UJ
1-Methylnaphthalene	ug/L	0.98	0.98	U	0.99	0.99	U
1-Naphthylamine	ug/L	9.8	9.8	U	9.9	9.9	U
2,3,4,6-Tetrachlorophenol	ug/L	2	2	U	2	2	U
2,4,5-Trichlorophenol	ug/L	0.98	0.98	U	0.99	0.99	U
2,4,6-Trichlorophenol	ug/L	0.98	0.98	U	0.99	0.99	U
2,4-Dichlorophenol	ug/L	0.98	0.98	U	0.99	0.99	U
2,4-Dimethylphenol	ug/L	9.8	9.8	U	9.9	9.9	U
2,4-Dinitrophenol	ug/L	15	15	U	15	15	U
2,4-Dinitrotoluene	ug/L	0.98	0.98	U	0.99	0.99	U
2,6-Dichlorophenol	ug/L	0.98	0.98	U	0.99	0.99	U
2,6-Dinitrotoluene	ug/L	0.98	0.98	U	0.99	0.99	U
2-Acetylaminofluorene	ug/L	0.98	0.98	U	0.99	0.99	U
2-Butanone	ug/L	5	5	U	5	5	U
2-Chloronaphthalene	ug/L	0.98	0.98	U	0.99	0.99	U
2-Chlorophenol	ug/L	0.98	0.98	U	0.99	0.99	U
2-Methyl-4,6-dinitrophenol	ug/L	2.9	2.9	U	3	3	U
2-Methylnaphthalene	ug/L	0.98	0.98	U	0.99	0.99	U

Table 2: Location 10 Analytical Results

Semi-Volatile Organic Compounds	Units	10-PRE Results	MDL	Remark	10-POST Results	MDL	Remark
2-Naphthylamine	ug/L	9.8	9.8	U	9.9	9.9	U
2-Nitroaniline	ug/L	0.98	0.98	U	0.99	0.99	U
2-Nitrophenol	ug/L	0.98	0.98	U	0.99	0.99	U
2-Picoline	ug/L	0.98	0.98	U	0.99	0.99	U
3,3'-Dichlorobenzidine	ug/L	39	39	U	39	39	U
3,3'-Dimethylbenzidine	ug/L	20	20	UJ	20	20	UJ
3-Methylcholanthrene	ug/L	0.98	0.98	U	0.99	0.99	U
3-Nitroaniline	ug/L	0.98	0.98	U	0.99	0.99	U
4-Aminobiphenyl	ug/L	3.9	3.9	U	3.9	3.9	U
4-Bromophenyl phenyl ether	ug/L	0.98	0.98	U	0.99	0.99	U
4-Chloro-3-methylphenol	ug/L	0.98	0.98	U	0.99	0.99	U
4-Chloroaniline	ug/L	0.98	0.98	U	0.99	0.99	U
4-Chlorophenyl phenyl ether	ug/L	2	2	U	2	2	U
4-Nitroaniline	ug/L	0.98	0.98	UJ	0.99	0.99	UJ
4-Nitrophenol	ug/L	15	15	U	15	15	U
5-Nitro-o-toluidine	ug/L	0.98	0.98	U	0.99	0.99	U
7,12-Dimethylbenz(a)anthracene	ug/L	0.98	0.98	U	0.99	0.99	U
Acenaphthene	ug/L	0.98	0.98	U	0.99	0.99	U
Acenaphthylene	ug/L	0.98	0.98	U	0.99	0.99	U
Acetophenone	ug/L	0.98	0.98	U	0.99	0.99	U
Acifluorfen	ug/L	0.21	0.21	UJ	0.21	0.21	UJ
Aniline	ug/L	0.98	0.98	U	0.99	0.99	UJ
Anthracene	ug/L	0.98	0.98	U	0.99	0.99	U
Azobenzene/1,2-Diphenylhydrazine	ug/L	0.98	0.98	U	0.99	0.99	U
Benzidine	ug/L	98	98	U	99	99	U
Benzo(a)anthracene	ug/L	0.98	0.98	U	0.99	0.99	U
Benzo(a)pyrene	ug/L	0.98	0.98	U	0.99	0.99	U
Benzo(b)fluoranthene	ug/L	0.98	0.98	U	0.99	0.99	U
Benzo(g,h,i)perylene	ug/L	0.98	0.98	U	0.99	0.99	U

Table 2: Location 10 Analytical Results

Semi-Volatile Organic Compounds	Units	10-PRE Results	MDL	Remark	10-POST Results	MDL	Remark
Benzo(k)fluoranthene	ug/L	0.98	0.98	U	0.99	0.99	U
Benzyl alcohol	ug/L	0.98	0.98	U	0.99	0.99	U
Bis(2-chloroethoxy)methane	ug/L	0.98	0.98	U	0.99	0.99	U
Bis(2-chloroethyl)ether	ug/L	0.98	0.98	U	0.99	0.99	U
Bis(2-chloroisopropyl)ether	ug/L	2.9	2.9	U	3	3	U
Bis(2-ethylhexyl)phthalate	ug/L	15	15	U	15	15	U
Butyl benzyl phthalate	ug/L	4.9	4.9	U	4.9	4.9	U
Carbazole	ug/L	0.98	0.98	U	0.99	0.99	U
Chrysene	ug/L	0.98	0.98	U	0.99	0.99	U
Dibenzo(a,h)anthracene	ug/L	0.98	0.98	U	0.99	0.99	U
Dibenzofuran	ug/L	0.98	0.98	U	0.99	0.99	U
Diethyl phthalate	ug/L	0.98	0.98	U	0.99	0.99	UJ
Dimethyl phthalate	ug/L	9.8	9.8	U	9.9	9.9	UJ
Dimethylaminoazobenzene	ug/L	0.98	0.98	U	0.99	0.99	U
Di-n-butyl phthalate	ug/L	4.9	4.9	U	4.9	4.9	UJ
Di-n-octyl phthalate	ug/L	0.98	0.98	U	0.99	0.99	U
Dinoseb	ug/L	3.9	3.9	U	3.9	3.9	UJ
Ethyl methanesulfonate	ug/L	0.98	0.98	U	0.99	0.99	U
Fluoranthene	ug/L	0.98	0.98	U	0.99	0.99	U
Fluorene	ug/L	0.98	0.98	U	0.99	0.99	U
Hexachlorobenzene	ug/L	0.98	0.98	U	0.99	0.99	U
Hexachlorobutadiene	ug/L	2.9	2.9	U	3	3	U
Hexachlorocyclopentadiene	ug/L	2.9	2.9	U	3	3	U
Hexachloroethane	ug/L	2.9	2.9	U	3	3	U
Hexachloropropene	ug/L	2	2	UJ	2	2	U
Indeno(1,2,3-cd)pyrene	ug/L	0.98	0.98	U	0.99	0.99	U
Isophorone	ug/L	0.98	0.98	U	0.99	0.99	U
Isosafrole	ug/L	0.98	0.98	U	0.99	0.99	UJ
m,p-Cresols	ug/L	2	2	U	2	2	U

Table 2: Location 10 Analytical Results

Semi-Volatile Organic Compounds	Units	10-PRE Results	MDL	Remark	10-POST Results	MDL	Remark
Methapyrilene	ug/L	3.9	3.9	U	3.9	3.9	U
Methyl methanesulfonate	ug/L	0.98	0.98	UJ	0.99	0.99	UJ
Naphthalene	ug/L	0.98	0.98	U	0.99	0.99	U
Nitrobenzene	ug/L	2	2	U	2	2	U
Nitroquinoline-1-oxide	ug/L	20	20	U	20	20	UJ
N-Nitrosodiethylamine	ug/L	0.98	0.98	U	0.99	0.99	U
N-Nitrosodimethylamine	ug/L	2	2	U	2	2	U
N-Nitrosodi-n-butylamine	ug/L	0.98	0.98	U	0.99	0.99	U
N-Nitrosodi-n-propylamine	ug/L	2	2	U	2	2	U
N-Nitrosodiphenylamine/ Diphenylamine	ug/L	2.9	2.9	U	3	3	U
N-Nitrosomethylethylamine	ug/L	2	2	U	2	2	U
N-Nitrosomorpholine	ug/L	0.98	0.98	U	0.99	0.99	U
N-Nitrosopiperidine	ug/L	0.98	0.98	U	0.99	0.99	U
N-Nitrosopyrrolidine	ug/L	2	2	U	2	2	U
o-Cresol	ug/L	2	2	U	2	2	U
o-Toluidine	ug/L	0.98	0.98	U	0.99	0.99	U
Pentachlorobenzene	ug/L	0.98	0.98	U	0.99	0.99	U
Pentachloroethane	ug/L	49	49	U	49	49	U
Pentachloronitrobenzene	ug/L	0.98	0.98	U	0.99	0.99	U
Pentachlorophenol	ug/L	2.9	2.9	U	3	3	U
Phenacetin	ug/L	3.9	3.9	U	3.9	3.9	U
Phenanthrene	ug/L	0.98	0.98	U	0.99	0.99	U
Phenol	ug/L	0.98	0.98	U	0.99	0.99	U
Pyrene	ug/L	0.98	0.98	U	0.99	0.99	UJ
Pyridine	ug/L	3.9	3.9	U	3.9	3.9	U
Safrole	ug/L	0.98	0.98	U	0.99	0.99	U
TRPH	mg/L	0.24	0.24	U	0.25	0.25	U

Table 2: Location 10 Analytical Results

Pesticides/Herbicides/PCBs	Units	10-PRE Results	MDL	Remark	10-POST Results	MDL	Remark
1,2-Dibromo-3-Chloropropane	ug/L	0.0099	0.0099	U	0.01	0.01	U
1,2-Dibromoethane	ug/L	0.0099	0.0099	U	0.01	0.01	U
2,4,5-T	ug/L	0.21	0.21	U	0.21	0.21	U
2,4-D	ug/L	0.21	0.21	U	0.21	0.21	U
Alachlor	ug/L	0.6	0.6	U	0.59	0.59	U
Aldrin	ug/L	0.01	0.01	U	0.0098	0.0098	U
Alpha-BHC	ug/L	0.01	0.01	U	0.0098	0.0098	U
Ametryn	ug/L	0.05	0.05	U	0.049	0.049	U
Atrazine	ug/L	0.05	0.05	U	0.049	0.049	U
Azinphos Methyl	ug/L	0.2	0.2	U	0.2	0.2	U
Beta-BHC	ug/L	0.01	0.01	U	0.0098	0.0098	U
Bromacil	ug/L	0.2	0.2	UJ	0.2	0.2	UJ
Butylate	ug/L	0.2	0.2	U	0.2	0.2	U
Chlordane	ug/L	0.2	0.2	U	0.2	0.2	U
Chlorpyrifos Ethyl	ug/L	0.05	0.05	U	0.049	0.049	U
Chlorpyrifos Methyl	ug/L	0.1	0.1	U	0.098	0.098	U
DDD-p,p'	ug/L	0.02	0.02	U	0.02	0.02	U
DDE-p,p'	ug/L	0.02	0.02	U	0.02	0.02	U
DDT-p,p'	ug/L	0.03	0.03	U	0.029	0.029	U
Delta-BHC	ug/L	0.01	0.01	U	0.0098	0.0098	U
Diazinon	ug/L	0.05	0.05	U	0.049	0.049	U
Dieldrin	ug/L	0.02	0.02	U	0.02	0.02	U
Endosulfan I	ug/L	0.02	0.02	U	0.02	0.02	U
Endosulfan II	ug/L	0.02	0.02	U	0.02	0.02	U
Endosulfan Sulfate	ug/L	0.02	0.02	U	0.02	0.02	U
Endrin	ug/L	0.05	0.05	UJ	0.049	0.049	UJ
Endrin Aldehyde	ug/L	0.02	0.02	U	0.02	0.02	U
Ethion	ug/L	0.05	0.05	U	0.049	0.049	U
Ethoprop	ug/L	0.1	0.1	U	0.098	0.098	U

Table 2: Location 10 Analytical Results

Pesticides/Herbicides/PCBs	Units	10-PRE Results	MDL	Remark	10-POST Results	MDL	Remark
Fenamiphos	ug/L	0.2	0.2	U	0.2	0.2	U
Fonofos	ug/L	0.1	0.1	U	0.098	0.098	U
Gamma-BHC	ug/L	0.01	0.01	U	0.0098	0.0098	U
Heptachlor	ug/L	0.01	0.01	U	0.0098	0.0098	U
Heptachlor Epoxide	ug/L	0.02	0.02	U	0.02	0.02	U
Hexazinone	ug/L	0.1	0.1	UJ	0.098	0.098	UJ
Malathion	ug/L	0.15	0.15	U	0.15	0.15	U
Metalaxyl	ug/L	0.25	0.25	U	0.25	0.25	U
Methoxychlor	ug/L	0.05	0.05	U	0.049	0.049	U
Metolachlor	ug/L	0.5	0.5	UJ	0.49	0.49	UJ
Metribuzin	ug/L	0.1	0.1	UJ	0.098	0.098	UJ
Mevinphos	ug/L	0.2	0.2	U	0.2	0.2	U
Naled	ug/L	0.8	0.8	U	0.79	0.79	U
Norflurazon	ug/L	0.15	0.15	UJ	0.15	0.15	UJ
Parathion Ethyl	ug/L	0.15	0.15	U	0.15	0.15	U
Parathion Methyl	ug/L	0.1	0.1	U	0.098	0.098	U
PCB-1016	ug/L	0.2	0.2	U	0.2	0.2	U
PCB-1221	ug/L	0.2	0.2	U	0.2	0.2	U
PCB-1232	ug/L	0.2	0.2	U	0.2	0.2	U
PCB-1242	ug/L	0.3	0.3	U	0.29	0.29	U
PCB-1248	ug/L	0.2	0.2	U	0.2	0.2	U
PCB-1254	ug/L	0.3	0.3	U	0.29	0.29	U
PCB-1260	ug/L	0.2	0.2	U	0.2	0.2	U
Phorate	ug/L	0.05	0.05	U	0.049	0.049	U
Prometryn	ug/L	0.15	0.15	U	0.15	0.15	U
Silvex	ug/L	0.21	0.21	U	0.21	0.21	U
Simazine	ug/L	0.05	0.05	U	0.049	0.049	U
Toxaphene	ug/L	0.75	0.75	U	0.74	0.74	U

Table 2: Location 10 Analytical Results

Metals	Units	10-PRE Results	MDL	Remark	10-POST Results	MDL	Remark
Aluminum	ug/L	60	60	U	60	60	U
Antimony	ug/L	0.25	0.25	U	0.25	0.25	U
Arsenic	ug/L	0.25	0.25	U	2.08	0.25	
Barium	ug/L	20.8	0.2		6.31	0.2	
Beryllium	ug/L	0.025	0.025	U	0.025	0.025	U
Boron	ug/L	46	15	I	39	15	I
Cadmium	ug/L	0.03	0.03	U	0.03	0.03	U
Calcium	mg/L	125	0.075		0.8	0.075	
Chromium	ug/L	0.3	0.3	U	0.3	0.3	U
Cobalt	ug/L	0.1	0.03	I	0.34	0.03	
Copper	ug/L	0.5	0.5	U	51.4	0.5	
Iron	ug/L	640	30		30	30	U
Lead	ug/L	0.2	0.2	U	0.2	0.2	U
Magnesium	mg/L	7.01	0.04		0.04	0.04	U
Manganese	ug/L	7.7	0.75		0.75	0.75	U
Mercury	ug/L	0.12	0.12	U	0.12	0.12	U
Molybdenum	ug/L	0.33	0.15	I	1.72	0.15	
Nickel	ug/L	0.28	0.25	I	0.66	0.25	I
Potassium	mg/L	0.79	0.3	I	0.3	0.3	U
Selenium	ug/L	0.2	0.2	U	0.2	0.2	U
Silver	ug/L	0.025	0.025	U	0.025	0.025	U
Sodium	mg/L	24.7	0.5		181	0.5	
Strontium	ug/L	1.02E+03	2		7	2	I
Thallium	ug/L	0.1	0.1	U	0.1	0.1	U
Tin	ug/L	3	3	U	3	3	U
Titanium	ug/L	0.75	0.75	U	0.75	0.75	U
Vanadium	ug/L	2	2	U	2	2	U
Zinc	ug/L	5	5	U	5	5	U

Table 2: Location 10 Analytical Results

Radionuclides	Units	10-PRE Results	MDL	Remark	10-POST Results	MDL	Remark
Alpha, Total	pCi/L	4			1.1		U
Alpha-Counting Error	pCi/L	1.4			0.8		
Beta, Total	pCi/L	2.4			1.3		U
Beta-Counting Error	pCi/L	1.3			0.8		
Radium 226	pCi/L	2			0.2		U
Radium 226-Counting Error	pCi/L	0.2			0.1		
Radium 228	pCi/L	0.8		U	0.9		U
Radium 228-Counting Error	pCi/L	0.6			0.6		
Additional Analytes	Units	10-PRE Results	MDL	Remark	10-POST Results	MDL	Remark
1,4-Dioxane	ug/L	0.2	0.2	U	0.2	0.2	U
NO2NO3-N	mg N/L	0.004	0.004	U	0.004	0.004	U
Perchlorate	ug/L	1.2	1.2	U	0.6	0.6	U

0.8 Gray shading indicates analyte was detected above the laboratories method detection limit but at a concentration below any applicable Florida Drinking Water Standard or Groundwater Cleanup Target Level.

256 Yellow shading indicates analyte was detected above the laboratories method detection limit at a concentration exceeding either a Florida Drinking Water Standard or Groundwater Cleanup Target Level.

Location 11

Table 1: Summary of FDWS/GCTLs Exceedances and Radionuclides in Water Samples Collected Pre- and Post-Treatment from Location 11
February 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation

Analyte	FDWS/GCTL	11-Pre	11-Post
<i>Exceedances</i>			
Sodium	160 mg/L (FPDWS)	17.1	243
<i>Radionuclides</i>			
Total Alpha	15pCi/L (FPDWS)	ND	1.7
Radium 226/228	5 pCi/L (FPDWS)	1.2	0.1
Total Beta	50 pCi/L (FDEPSL)	ND	ND
No Exceedances for Radionuclides			

FDWS=Florida Drinking Water Standard

GCTL=Ground Water Cleanup Target Level

FPDWS= Florida Primary Drinking Water Standard

FSDWS=Florida Secondary Drinking Water Standard

FDEPSL=FDEP Screening Level

ND=Non Detect

NA=Not Analyzed

Gray Shading= Analyte Detected

Yellow Shading=Exceedance of FDWS/GCTL

ug/L= micrograms per Liter

pCi/L=picocuries per Liter

mg/L=milligrams per Liter

Table 2: Location 11 Analytical Results

Volatile Organic Compounds	Units	11-PRE Results	MDL	Remark	11-POST Results	MDL	Remark
1,1,1-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1,2,2-Tetrachloroethane	ug/L	0.5	0.5	UJ	0.5	0.5	UJ
1,1,2-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
1,2-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
1,2-Dichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,2-Dichloropropane	ug/L	0.5	0.5	U	0.5	0.5	U
1,3-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
1,4-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
Benzene	ug/L	0.2	0.2	U	0.2	0.2	U
Bromodichloromethane	ug/L	0.2	0.2	U	0.2	0.2	U
Bromoform	ug/L	0.5	0.5	U	0.5	0.5	U
Bromomethane	ug/L	0.5	0.5	UJ	0.5	0.5	UJ
Carbon tetrachloride	ug/L	0.2	0.2	U	0.2	0.2	U
Chlorobenzene	ug/L	0.2	0.2	U	0.2	0.2	U
Chloroethane	ug/L	0.5	0.5	U	0.5	0.5	U
Chloroform	ug/L	0.2	0.2	U	0.2	0.2	U
Chloromethane	ug/L	0.5	0.5	U	0.5	0.5	U
cis-1,2-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
cis-1,3-Dichloropropene	ug/L	0.5	0.5	U	0.5	0.5	U
Dibromochloromethane	ug/L	0.2	0.2	U	0.2	0.2	U
Ethylbenzene	ug/L	0.5	0.5	U	0.5	0.5	U
m,p-Xylene	ug/L	0.5	0.5	U	0.5	0.5	U
Methylene chloride	ug/L	0.5	0.5	U	0.5	0.5	U
Methyl-t-butyl ether	ug/L	0.5	0.5	U	0.5	0.5	U
o-Xylene	ug/L	0.2	0.2	U	0.2	0.2	U
Tetrachloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
Toluene	ug/L	0.5	0.5	U	0.5	0.5	U

Table 2: Location 11 Analytical Results

Volatile Organic Compounds	Units	11-PRE Results	MDL	Remark	11-POST Results	MDL	Remark
trans-1,2-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
trans-1,3-Dichloropropene	ug/L	0.2	0.2	U	0.2	0.2	U
Trichloroethene	ug/L	0.2	0.2	U	0.2	0.2	U
Trichlorofluoromethane	ug/L	0.5	0.5	U	0.5	0.5	U
Vinyl chloride	ug/L	0.5	0.5	U	0.5	0.5	U
Semi-Volatile Organic Compounds	Units	11-PRE Results	MDL	Remark	11-POST Results	MDL	Remark
1,2,4,5-Tetrachlorobenzene	ug/L	0.97	0.97	U	0.98	0.98	U
1,2,4-Trichlorobenzene	ug/L	0.97	0.97	U	0.98	0.98	U
1,3,5-Trinitrobenzene	ug/L	3.9	3.9	U	3.9	3.9	U
1,3-Dinitrobenzene	ug/L	1.9	1.9	U	2	2	U
1,4-Naphthoquinone	ug/L	19	19	UJ	20	20	UJ
1-Methylnaphthalene	ug/L	0.97	0.97	U	0.98	0.98	U
1-Naphthylamine	ug/L	9.7	9.7	U	9.8	9.8	U
2,3,4,6-Tetrachlorophenol	ug/L	1.9	1.9	U	2	2	U
2,4,5-Trichlorophenol	ug/L	0.97	0.97	U	0.98	0.98	U
2,4,6-Trichlorophenol	ug/L	0.97	0.97	U	0.98	0.98	U
2,4-Dichlorophenol	ug/L	0.97	0.97	U	0.98	0.98	U
2,4-Dimethylphenol	ug/L	9.7	9.7	U	9.8	9.8	U
2,4-Dinitrophenol	ug/L	15	15	U	15	15	U
2,4-Dinitrotoluene	ug/L	0.97	0.97	U	0.98	0.98	U
2,6-Dichlorophenol	ug/L	0.97	0.97	U	0.98	0.98	U
2,6-Dinitrotoluene	ug/L	0.97	0.97	U	0.98	0.98	U
2-Acetylaminofluorene	ug/L	0.97	0.97	U	0.98	0.98	U
2-Butanone	ug/L	5	5	U	5	5	U
2-Chloronaphthalene	ug/L	0.97	0.97	U	0.98	0.98	U
2-Chlorophenol	ug/L	0.97	0.97	U	0.98	0.98	U
2-Methyl-4,6-dinitrophenol	ug/L	2.9	2.9	U	2.9	2.9	U
2-Methylnaphthalene	ug/L	0.97	0.97	U	0.98	0.98	U

Table 2: Location 11 Analytical Results

Semi-Volatile Organic Compounds	Units	11-PRE Results	MDL	Remark	11-POST Results	MDL	Remark
2-Naphthylamine	ug/L	9.7	9.7	U	9.8	9.8	U
2-Nitroaniline	ug/L	0.97	0.97	U	0.98	0.98	U
2-Nitrophenol	ug/L	0.97	0.97	U	0.98	0.98	U
2-Picoline	ug/L	0.97	0.97	U	0.98	0.98	U
3,3'-Dichlorobenzidine	ug/L	39	39	U	39	39	U
3,3'-Dimethylbenzidine	ug/L	19	19	UJ	20	20	UJ
3-Methylcholanthrene	ug/L	0.97	0.97	U	0.98	0.98	U
3-Nitroaniline	ug/L	0.97	0.97	U	0.98	0.98	U
4-Aminobiphenyl	ug/L	3.9	3.9	U	3.9	3.9	U
4-Bromophenyl phenyl ether	ug/L	0.97	0.97	U	0.98	0.98	U
4-Chloro-3-methylphenol	ug/L	0.97	0.97	U	0.98	0.98	U
4-Chloroaniline	ug/L	0.97	0.97	U	0.98	0.98	U
4-Chlorophenyl phenyl ether	ug/L	1.9	1.9	U	2	2	U
4-Nitroaniline	ug/L	0.97	0.97	UJ	0.98	0.98	UJ
4-Nitrophenol	ug/L	15	15	U	15	15	U
5-Nitro-o-toluidine	ug/L	0.97	0.97	U	0.98	0.98	U
7,12-Dimethylbenz(a)anthracene	ug/L	0.97	0.97	U	0.98	0.98	U
Acenaphthene	ug/L	0.97	0.97	U	0.98	0.98	U
Acenaphthylene	ug/L	0.97	0.97	U	0.98	0.98	U
Acetophenone	ug/L	0.97	0.97	U	0.98	0.98	U
Acifluorfen	ug/L	0.2	0.2	UJ	0.21	0.21	UJ
Aniline	ug/L	0.97	0.97	UJ	0.98	0.98	UJ
Anthracene	ug/L	0.97	0.97	U	0.98	0.98	U
Azobenzene/1,2-Diphenylhydrazine	ug/L	0.97	0.97	U	0.98	0.98	U
Benzidine	ug/L	97	97	U	98	98	U
Benzo(a)anthracene	ug/L	0.97	0.97	U	0.98	0.98	U
Benzo(a)pyrene	ug/L	0.97	0.97	U	0.98	0.98	U
Benzo(b)fluoranthene	ug/L	0.97	0.97	U	0.98	0.98	U
Benzo(g,h,i)perylene	ug/L	0.97	0.97	U	0.98	0.98	U

Table 2: Location 11 Analytical Results

Semi-Volatile Organic Compounds	Units	11-PRE Results	MDL	Remark	11-POST Results	MDL	Remark
Benzo(k)fluoranthene	ug/L	0.97	0.97	U	0.98	0.98	U
Benzyl alcohol	ug/L	0.97	0.97	U	0.98	0.98	U
Bis(2-chloroethoxy)methane	ug/L	0.97	0.97	U	0.98	0.98	U
Bis(2-chloroethyl)ether	ug/L	0.97	0.97	U	0.98	0.98	U
Bis(2-chloroisopropyl)ether	ug/L	2.9	2.9	U	2.9	2.9	U
Bis(2-ethylhexyl)phthalate	ug/L	15	15	U	15	15	U
Butyl benzyl phthalate	ug/L	4.8	4.8	U	4.9	4.9	U
Carbazole	ug/L	0.97	0.97	U	0.98	0.98	U
Chrysene	ug/L	0.97	0.97	U	0.98	0.98	U
Dibenzo(a,h)anthracene	ug/L	0.97	0.97	U	0.98	0.98	U
Dibenzofuran	ug/L	0.97	0.97	U	0.98	0.98	U
Diethyl phthalate	ug/L	0.97	0.97	UJ	0.98	0.98	UJ
Dimethyl phthalate	ug/L	9.7	9.7	UJ	9.8	9.8	UJ
Dimethylaminoazobenzene	ug/L	0.97	0.97	U	0.98	0.98	U
Di-n-butyl phthalate	ug/L	4.8	4.8	UJ	4.9	4.9	UJ
Di-n-octyl phthalate	ug/L	0.97	0.97	U	0.98	0.98	U
Dinoseb	ug/L	3.9	3.9	UJ	3.9	3.9	UJ
Ethyl methanesulfonate	ug/L	0.97	0.97	U	0.98	0.98	U
Fluoranthene	ug/L	0.97	0.97	U	0.98	0.98	U
Fluorene	ug/L	0.97	0.97	U	0.98	0.98	U
Hexachlorobenzene	ug/L	0.97	0.97	U	0.98	0.98	U
Hexachlorobutadiene	ug/L	2.9	2.9	U	2.9	2.9	U
Hexachlorocyclopentadiene	ug/L	2.9	2.9	U	2.9	2.9	U
Hexachloroethane	ug/L	2.9	2.9	U	2.9	2.9	U
Hexachloropropene	ug/L	1.9	1.9	U	2	2	U
Indeno(1,2,3-cd)pyrene	ug/L	0.97	0.97	U	0.98	0.98	U
Isophorone	ug/L	0.97	0.97	U	0.98	0.98	U
Isosafrole	ug/L	0.97	0.97	UJ	0.98	0.98	UJ
m,p-Cresols	ug/L	1.9	1.9	U	2	2	U

Table 2: Location 11 Analytical Results

Semi-Volatile Organic Compounds	Units	11-PRE Results	MDL	Remark	11-POST Results	MDL	Remark
Methapyrilene	ug/L	3.9	3.9	U	3.9	3.9	U
Methyl methanesulfonate	ug/L	0.97	0.97	UJ	0.98	0.98	UJ
Naphthalene	ug/L	0.97	0.97	U	0.98	0.98	U
Nitrobenzene	ug/L	1.9	1.9	U	2	2	U
Nitroquinoline-1-oxide	ug/L	19	19	UJ	20	20	UJ
N-Nitrosodiethylamine	ug/L	0.97	0.97	U	0.98	0.98	U
N-Nitrosodimethylamine	ug/L	1.9	1.9	U	2	2	U
N-Nitrosodi-n-butylamine	ug/L	0.97	0.97	U	0.98	0.98	U
N-Nitrosodi-n-propylamine	ug/L	1.9	1.9	U	2	2	U
N-Nitrosodiphenylamine/ Diphenylamine	ug/L	2.9	2.9	U	2.9	2.9	U
N-Nitrosomethylethylamine	ug/L	1.9	1.9	U	2	2	U
N-Nitrosomorpholine	ug/L	0.97	0.97	U	0.98	0.98	U
N-Nitrosopiperidine	ug/L	0.97	0.97	U	0.98	0.98	U
N-Nitrosopyrrolidine	ug/L	1.9	1.9	U	2	2	U
o-Cresol	ug/L	1.9	1.9	U	2	2	U
o-Toluidine	ug/L	0.97	0.97	U	0.98	0.98	U
Pentachlorobenzene	ug/L	0.97	0.97	U	0.98	0.98	U
Pentachloroethane	ug/L	48	48	U	49	49	U
Pentachloronitrobenzene	ug/L	0.97	0.97	U	0.98	0.98	U
Pentachlorophenol	ug/L	2.9	2.9	U	2.9	2.9	U
Phenacetin	ug/L	3.9	3.9	U	3.9	3.9	U
Phenanthrene	ug/L	0.97	0.97	U	0.98	0.98	U
Phenol	ug/L	0.97	0.97	U	0.98	0.98	U
Pyrene	ug/L	0.97	0.97	UJ	0.98	0.98	UJ
Pyridine	ug/L	3.9	3.9	U	3.9	3.9	U
Safrole	ug/L	0.97	0.97	U	0.98	0.98	U
TRPH	mg/L	0.24	0.24	U	0.25	0.25	U

Table 2: Location 11 Analytical Results

Pesticides/Herbicides/PCBs	Units	11-PRE Results	MDL	Remark	11-POST Results	MDL	Remark
1,2-Dibromo-3-Chloropropane	ug/L	0.01	0.01	U	0.01	0.01	U
1,2-Dibromoethane	ug/L	0.01	0.01	U	0.01	0.01	U
2,4,5-T	ug/L	0.2	0.2	U	0.21	0.21	U
2,4-D	ug/L	0.2	0.2	U	0.21	0.21	U
Alachlor	ug/L	0.59	0.59	U	0.58	0.58	U
Aldrin	ug/L	0.0099	0.0099	U	0.0097	0.0097	U
Alpha-BHC	ug/L	0.0099	0.0099	U	0.0097	0.0097	U
Ametryn	ug/L	0.05	0.05	U	0.049	0.049	U
Atrazine	ug/L	0.05	0.05	U	0.049	0.049	U
Azinphos Methyl	ug/L	0.2	0.2	U	0.19	0.19	U
Beta-BHC	ug/L	0.0099	0.0099	U	0.0097	0.0097	U
Bromacil	ug/L	0.2	0.2	UJ	0.19	0.19	UJ
Butylate	ug/L	0.2	0.2	U	0.19	0.19	U
Chlordane	ug/L	0.2	0.2	U	0.19	0.19	U
Chlorpyrifos Ethyl	ug/L	0.05	0.05	U	0.049	0.049	U
Chlorpyrifos Methyl	ug/L	0.099	0.099	U	0.097	0.097	U
DDD-p,p'	ug/L	0.02	0.02	U	0.019	0.019	U
DDE-p,p'	ug/L	0.02	0.02	U	0.019	0.019	U
DDT-p,p'	ug/L	0.03	0.03	U	0.029	0.029	U
Delta-BHC	ug/L	0.0099	0.0099	U	0.0097	0.0097	U
Diazinon	ug/L	0.05	0.05	U	0.049	0.049	U
Dieldrin	ug/L	0.02	0.02	U	0.019	0.019	U
Endosulfan I	ug/L	0.02	0.02	U	0.019	0.019	U
Endosulfan II	ug/L	0.02	0.02	U	0.019	0.019	U
Endosulfan Sulfate	ug/L	0.02	0.02	U	0.019	0.019	U
Endrin	ug/L	0.05	0.05	UJ	0.049	0.049	UJ
Endrin Aldehyde	ug/L	0.02	0.02	U	0.019	0.019	U
Ethion	ug/L	0.05	0.05	U	0.049	0.049	U
Ethoprop	ug/L	0.099	0.099	U	0.097	0.097	U

Table 2: Location 11 Analytical Results

Pesticides/Herbicides/PCBs	Units	11-PRE Results	MDL	Remark	11-POST Results	MDL	Remark
Fenamiphos	ug/L	0.2	0.2	U	0.19	0.19	U
Fonofos	ug/L	0.099	0.099	U	0.097	0.097	U
Gamma-BHC	ug/L	0.0099	0.0099	U	0.0097	0.0097	U
Heptachlor	ug/L	0.0099	0.0099	U	0.0097	0.0097	U
Heptachlor Epoxide	ug/L	0.02	0.02	U	0.019	0.019	U
Hexazinone	ug/L	0.099	0.099	UJ	0.097	0.097	UJ
Malathion	ug/L	0.15	0.15	U	0.15	0.15	U
Metalaxyl	ug/L	0.25	0.25	U	0.24	0.24	U
Methoxychlor	ug/L	0.05	0.05	U	0.049	0.049	U
Metolachlor	ug/L	0.5	0.5	UJ	0.49	0.49	UJ
Metribuzin	ug/L	0.099	0.099	UJ	0.097	0.097	UJ
Mevinphos	ug/L	0.2	0.2	U	0.19	0.19	U
Naled	ug/L	0.79	0.79	U	0.78	0.78	U
Norflurazon	ug/L	0.15	0.15	UJ	0.15	0.15	UJ
Parathion Ethyl	ug/L	0.15	0.15	U	0.15	0.15	U
Parathion Methyl	ug/L	0.099	0.099	U	0.097	0.097	U
PCB-1016	ug/L	0.2	0.2	U	0.19	0.19	U
PCB-1221	ug/L	0.2	0.2	U	0.19	0.19	U
PCB-1232	ug/L	0.2	0.2	U	0.19	0.19	U
PCB-1242	ug/L	0.3	0.3	U	0.29	0.29	U
PCB-1248	ug/L	0.2	0.2	U	0.19	0.19	U
PCB-1254	ug/L	0.3	0.3	U	0.29	0.29	U
PCB-1260	ug/L	0.2	0.2	U	0.19	0.19	U
Phorate	ug/L	0.05	0.05	U	0.049	0.049	U
Prometryn	ug/L	0.15	0.15	U	0.15	0.15	U
Silvex	ug/L	0.2	0.2	U	0.21	0.21	U
Simazine	ug/L	0.05	0.05	U	0.049	0.049	U
Toxaphene	ug/L	0.74	0.74	U	0.73	0.73	U

Table 2: Location 11 Analytical Results

Metals	Units	11-PRE Results	MDL	Remark	11-POST Results	MDL	Remark
Aluminum	ug/L	60	60	U	60	60	U
Antimony	ug/L	0.25	0.25	U	0.25	0.25	U
Arsenic	ug/L	0.29	0.25	I	0.25	0.25	U
Barium	ug/L	27	0.2		0.56	0.2	I
Beryllium	ug/L	0.025	0.025	U	0.025	0.025	U
Boron	ug/L	65	15		64	15	
Cadmium	ug/L	0.03	0.03	U	0.03	0.03	U
Calcium	mg/L	143	0.075		0.19	0.075	I
Chromium	ug/L	0.32	0.3	I	0.3	0.3	U
Cobalt	ug/L	0.086	0.03	I	0.03	0.03	U
Copper	ug/L	0.78	0.5		116	0.5	
Iron	ug/L	82	30	I	30	30	U
Lead	ug/L	0.2	0.2	U	0.39	0.2	I
Magnesium	mg/L	12.2	0.04		0.04	0.04	U
Manganese	ug/L	5.2	0.75		0.75	0.75	U
Mercury	ug/L	0.12	0.12	U	0.12	0.12	U
Molybdenum	ug/L	0.7	0.15		0.15	0.15	U
Nickel	ug/L	0.53	0.25	I	0.25	0.25	U
Potassium	mg/L	1.3	0.3		0.3	0.3	U
Selenium	ug/L	0.2	0.2	U	0.2	0.2	U
Silver	ug/L	0.025	0.025	U	0.025	0.025	U
Sodium	mg/L	17.1	0.5		243	2.5	
Strontium	ug/L	693	2		2	2	U
Thallium	ug/L	0.1	0.1	U	0.1	0.1	U
Tin	ug/L	3	3	U	3	3	U
Titanium	ug/L	0.75	0.75	U	0.75	0.75	U
Vanadium	ug/L	2	2	U	2	2	U
Zinc	ug/L	5.7	5	I	21	5	

Table 2: Location 11 Analytical Results

Radionuclides	Units	11-PRE Results	MDL	Remark	11-POST Results	MDL	Remark
Alpha, Total	pCi/L	1.9		U	1.7		
Alpha-Counting Error	pCi/L	1.2			0.8		
Beta, Total	pCi/L	2		U	1.7		U
Beta-Counting Error	pCi/L	1.2			1		
Radium 226	pCi/L	1.2			0.1		
Radium 226-Counting Error	pCi/L	0.2			0.1		
Radium 228	pCi/L	0.8		U	1		U
Radium 228-Counting Error	pCi/L	0.5			0.6		
Additional Analytes	Units	11-PRE Results	MDL	Remark	11-POST Results	MDL	Remark
1,4-Dioxane	ug/L	0.2	0.2	U	0.2	0.2	U
NO2NO3-N	mg N/L	0.004	0.004	U	0.004	0.004	U
Perchlorate	ug/L	1.2	1.2	U	1.2	1.2	U

0.8 Gray shading indicates analyte was detected above the laboratories method detection limit but at a concentration below any applicable Florida Drinking Water Standard or Groundwater Cleanup Target Level.

256 Yellow shading indicates analyte was detected above the laboratories method detection limit at a concentration exceeding either a Florida Drinking Water Standard or Groundwater Cleanup Target Level.

Location 12

Table 1: Summary of FDWS/GCTLs Exceedances and Radionuclides in Water Samples Collected Pre- and Post-Treatment from Location 12
February 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation

Analyte	FDWS/GCTL	12-Pre	12-Post
<i>Exceedances</i>			
Iron	300 ug/L (FSDWS)	3,020	ND
<i>Radionuclides</i>			
Total Alpha	15pCi/L (FPDWS)	4.7	ND
Radium 226/228	5 pCi/L (FPDWS)	1.2	ND
Total Beta	50 pCi/L (FDEPSL)	2.5	ND
No Exceedances for Radionuclides			

FDWS=Florida Drinking Water Standard

GCTL=Ground Water Cleanup Target Level

FPDWS= Florida Primary Drinking Water Standard

FSDWS=Florida Secondary Drinking Water Standard

FDEPSL=FDEP Screening Level

ND=Non Detect

NA=Not Analyzed

Gray Shading= Analyte Detected

Yellow Shading=Exceedance of FDWS/GCTL

ug/L= micrograms per Liter

pCi/L=picocuries per Liter

mg/L=milligrams per Liter

Table 2: Location 12 Analytical Results

Volatile Organic Compounds	Units	12-PRE Results	MDL	Remark	12-POST Results	MDL	Remark
1,1,1-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1,2,2-Tetrachloroethane	ug/L	0.5	0.5	UJ	0.5	0.5	UJ
1,1,2-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
1,2-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
1,2-Dichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,2-Dichloropropane	ug/L	0.5	0.5	U	0.5	0.5	U
1,3-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
1,4-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
Benzene	ug/L	0.2	0.2	U	0.2	0.2	U
Bromodichloromethane	ug/L	0.2	0.2	U	0.2	0.2	U
Bromoform	ug/L	0.5	0.5	U	0.5	0.5	U
Bromomethane	ug/L	0.5	0.5	UJ	0.5	0.5	UJ
Carbon tetrachloride	ug/L	0.2	0.2	U	0.2	0.2	U
Chlorobenzene	ug/L	0.2	0.2	U	0.2	0.2	U
Chloroethane	ug/L	0.5	0.5	U	0.5	0.5	U
Chloroform	ug/L	0.2	0.2	U	0.2	0.2	U
Chloromethane	ug/L	0.5	0.5	U	0.5	0.5	U
cis-1,2-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
cis-1,3-Dichloropropene	ug/L	0.5	0.5	U	0.5	0.5	U
Dibromochloromethane	ug/L	0.2	0.2	U	0.2	0.2	U
Ethylbenzene	ug/L	0.5	0.5	U	0.5	0.5	U
m,p-Xylene	ug/L	0.5	0.5	U	0.5	0.5	U
Methylene chloride	ug/L	0.5	0.5	U	0.5	0.5	U
Methyl-t-butyl ether	ug/L	0.5	0.5	U	0.5	0.5	U
o-Xylene	ug/L	0.2	0.2	U	0.2	0.2	U
Tetrachloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
Toluene	ug/L	0.5	0.5	U	0.5	0.5	U
trans-1,2-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U

Table 2: Location 12 Analytical Results

Volatile Organic Compounds	Units	12-PRE Results	MDL	Remark	12-POST Results	MDL	Remark
trans-1,3-Dichloropropene	ug/L	0.2	0.2	U	0.2	0.2	U
Trichloroethene	ug/L	0.2	0.2	U	0.2	0.2	U
Trichlorofluoromethane	ug/L	0.5	0.5	U	0.5	0.5	U
Vinyl chloride	ug/L	0.5	0.5	U	0.5	0.5	U
Semi-Volatile Organic Compounds	Units	12-PRE Results	MDL	Remark	12-POST Results	MDL	Remark
1,2,4,5-Tetrachlorobenzene	ug/L	1	1	U	0.97	0.97	U
1,2,4-Trichlorobenzene	ug/L	1	1	U	0.97	0.97	U
1,3,5-Trinitrobenzene	ug/L	4.2	4.2	U	3.9	3.9	U
1,3-Dinitrobenzene	ug/L	2.1	2.1	U	1.9	1.9	U
1,4-Naphthoquinone	ug/L	21	21	UJ	19	19	UJ
1-Methylnaphthalene	ug/L	1	1	U	0.97	0.97	U
1-Naphthylamine	ug/L	10	10	U	9.7	9.7	U
2,3,4,6-Tetrachlorophenol	ug/L	2.1	2.1	U	1.9	1.9	U
2,4,5-Trichlorophenol	ug/L	1	1	U	0.97	0.97	U
2,4,6-Trichlorophenol	ug/L	1	1	U	0.97	0.97	U
2,4-Dichlorophenol	ug/L	1	1	U	0.97	0.97	U
2,4-Dimethylphenol	ug/L	10	10	U	9.7	9.7	U
2,4-Dinitrophenol	ug/L	16	16	U	15	15	U
2,4-Dinitrotoluene	ug/L	1	1	U	0.97	0.97	U
2,6-Dichlorophenol	ug/L	1	1	U	0.97	0.97	U
2,6-Dinitrotoluene	ug/L	1	1	U	0.97	0.97	U
2-Acetylaminofluorene	ug/L	1	1	U	0.97	0.97	U
2-Butanone	ug/L	5	5	U	5	5	U
2-Chloronaphthalene	ug/L	1	1	U	0.97	0.97	U
2-Chlorophenol	ug/L	1	1	U	0.97	0.97	U
2-Methyl-4,6-dinitrophenol	ug/L	3.1	3.1	U	2.9	2.9	U
2-Methylnaphthalene	ug/L	1	1	U	0.97	0.97	U
2-Naphthylamine	ug/L	10	10	U	9.7	9.7	U
2-Nitroaniline	ug/L	1	1	U	0.97	0.97	U

Table 2: Location 12 Analytical Results

Semi-Volatile Organic Compounds	Units	12-PRE Results	MDL	Remark	12-POST Results	MDL	Remark
2-Nitrophenol	ug/L	1	1	U	0.97	0.97	U
2-Picoline	ug/L	1	1	U	0.97	0.97	U
3,3'-Dichlorobenzidine	ug/L	42	42	U	39	39	U
3,3'-Dimethylbenzidine	ug/L	21	21	UJ	19	19	UJ
3-Methylcholanthrene	ug/L	1	1	U	0.97	0.97	U
3-Nitroaniline	ug/L	1	1	U	0.97	0.97	U
4-Aminobiphenyl	ug/L	4.2	4.2	U	3.9	3.9	U
4-Bromophenyl phenyl ether	ug/L	1	1	U	0.97	0.97	U
4-Chloro-3-methylphenol	ug/L	1	1	U	0.97	0.97	U
4-Chloroaniline	ug/L	1	1	U	0.97	0.97	U
4-Chlorophenyl phenyl ether	ug/L	2.1	2.1	U	1.9	1.9	U
4-Nitroaniline	ug/L	1	1	UJ	0.97	0.97	UJ
4-Nitrophenol	ug/L	16	16	U	15	15	U
5-Nitro-o-toluidine	ug/L	1	1	U	0.97	0.97	U
7,12-Dimethylbenz(a)anthracene	ug/L	1	1	U	0.97	0.97	U
Acenaphthene	ug/L	1	1	U	0.97	0.97	U
Acenaphthylene	ug/L	1	1	U	0.97	0.97	U
Acetophenone	ug/L	1	1	U	0.97	0.97	U
Acifluorfen	ug/L	0.2	0.2	UJ	0.21	0.21	UJ
Aniline	ug/L	1	1	UJ	0.97	0.97	UJ
Anthracene	ug/L	1	1	U	0.97	0.97	U
Azobenzene/1,2-Diphenylhydrazine	ug/L	1	1	U	0.97	0.97	U
Benzidine	ug/L	100	100	U	97	97	U
Benzo(a)anthracene	ug/L	1	1	U	0.97	0.97	U
Benzo(a)pyrene	ug/L	1	1	U	0.97	0.97	U
Benzo(b)fluoranthene	ug/L	1	1	U	0.97	0.97	U
Benzo(g,h,i)perylene	ug/L	1	1	U	0.97	0.97	U
Benzo(k)fluoranthene	ug/L	1	1	U	0.97	0.97	U
Benzyl alcohol	ug/L	1	1	U	0.97	0.97	U
Bis(2-chloroethoxy)methane	ug/L	1	1	U	0.97	0.97	U

Table 2: Location 12 Analytical Results

Semi-Volatile Organic Compounds	Units	12-PRE Results	MDL	Remark	12-POST Results	MDL	Remark
Bis(2-chloroethyl)ether	ug/L	1	1	U	0.97	0.97	U
Bis(2-chloroisopropyl)ether	ug/L	3.1	3.1	U	2.9	2.9	U
Bis(2-ethylhexyl)phthalate	ug/L	16	16	U	15	15	U
Butyl benzyl phthalate	ug/L	5.2	5.2	U	4.8	4.8	U
Carbazole	ug/L	1	1	U	0.97	0.97	U
Chrysene	ug/L	1	1	U	0.97	0.97	U
Dibenzo(a,h)anthracene	ug/L	1	1	U	0.97	0.97	U
Dibenzofuran	ug/L	1	1	U	0.97	0.97	U
Diethyl phthalate	ug/L	1	1	UJ	0.97	0.97	UJ
Dimethyl phthalate	ug/L	10	10	UJ	9.7	9.7	UJ
Dimethylaminoazobenzene	ug/L	1	1	U	0.97	0.97	U
Di-n-butyl phthalate	ug/L	5.2	5.2	UJ	4.8	4.8	UJ
Di-n-octyl phthalate	ug/L	1	1	U	0.97	0.97	U
Dinoseb	ug/L	4.2	4.2	UJ	3.9	3.9	UJ
Ethyl methanesulfonate	ug/L	1	1	U	0.97	0.97	U
Fluoranthene	ug/L	1	1	U	0.97	0.97	U
Fluorene	ug/L	1	1	U	0.97	0.97	U
Hexachlorobenzene	ug/L	1	1	U	0.97	0.97	U
Hexachlorobutadiene	ug/L	3.1	3.1	U	2.9	2.9	U
Hexachlorocyclopentadiene	ug/L	3.1	3.1	U	2.9	2.9	U
Hexachloroethane	ug/L	3.1	3.1	U	2.9	2.9	U
Hexachloropropene	ug/L	2.1	2.1	U	1.9	1.9	U
Indeno(1,2,3-cd)pyrene	ug/L	1	1	U	0.97	0.97	U
Isophorone	ug/L	1	1	U	0.97	0.97	U
Isosafrole	ug/L	1	1	UJ	0.97	0.97	UJ
m,p-Cresols	ug/L	2.1	2.1	U	1.9	1.9	U
Methapyrilene	ug/L	4.2	4.2	U	3.9	3.9	U
Methyl methanesulfonate	ug/L	1	1	UJ	0.97	0.97	UJ
Naphthalene	ug/L	1	1	U	0.97	0.97	U
Nitrobenzene	ug/L	2.1	2.1	U	1.9	1.9	U

Table 2: Location 12 Analytical Results

Semi-Volatile Organic Compounds	Units	12-PRE Results	MDL	Remark	12-POST Results	MDL	Remark
Nitroquinoline-1-oxide	ug/L	21	21	UJ	19	19	UJ
N-Nitrosodiethylamine	ug/L	1	1	U	0.97	0.97	U
N-Nitrosodimethylamine	ug/L	2.1	2.1	U	1.9	1.9	U
N-Nitrosodi-n-butylamine	ug/L	1	1	U	0.97	0.97	U
N-Nitrosodi-n-propylamine	ug/L	2.1	2.1	U	1.9	1.9	U
N-Nitrosodiphenylamine/ Diphenylamine	ug/L	3.1	3.1	U	2.9	2.9	U
N-Nitrosomethylethylamine	ug/L	2.1	2.1	U	1.9	1.9	U
N-Nitrosomorpholine	ug/L	1	1	U	0.97	0.97	U
N-Nitrosopiperidine	ug/L	1	1	U	0.97	0.97	U
N-Nitrosopyrrolidine	ug/L	2.1	2.1	U	1.9	1.9	U
o-Cresol	ug/L	2.1	2.1	U	1.9	1.9	U
o-Toluidine	ug/L	1	1	U	0.97	0.97	U
Pentachlorobenzene	ug/L	1	1	U	0.97	0.97	U
Pentachloroethane	ug/L	52	52	U	48	48	U
Pentachloronitrobenzene	ug/L	1	1	U	0.97	0.97	U
Pentachlorophenol	ug/L	3.1	3.1	U	2.9	2.9	U
Phenacetin	ug/L	4.2	4.2	U	3.9	3.9	U
Phenanthrene	ug/L	1	1	U	0.97	0.97	U
Phenol	ug/L	1	1	U	0.97	0.97	U
Pyrene	ug/L	1	1	UJ	0.97	0.97	UJ
Pyridine	ug/L	4.2	4.2	U	3.9	3.9	U
Safrole	ug/L	1	1	U	0.97	0.97	U
TRPH	mg/L	0.24	0.24	U	0.24	0.24	U
Pesticides/Herbicides/PCBs	Units	12-PRE Results	MDL	Remark	12-POST Results	MDL	Remark
1,2-Dibromo-3-Chloropropane	ug/L	0.01	0.01	U	0.01	0.01	U
1,2-Dibromoethane	ug/L	0.01	0.01	U	0.01	0.01	U
2,4,5-T	ug/L	0.2	0.2	U	0.21	0.21	U
2,4-D	ug/L	0.2	0.2	U	0.21	0.21	U
Alachlor	ug/L	0.58	0.58	U	0.57	0.57	U

Table 2: Location 12 Analytical Results

Pesticides/Herbicides/PCBs	Units	12-PRE Results	MDL	Remark	12-POST Results	MDL	Remark
Aldrin	ug/L	0.0097	0.0097	U	0.0095	0.0095	U
Alpha-BHC	ug/L	0.0097	0.0097	U	0.0095	0.0095	U
Ametryn	ug/L	0.049	0.049	U	0.048	0.048	U
Atrazine	ug/L	0.049	0.049	U	0.048	0.048	U
Azinphos Methyl	ug/L	0.19	0.19	U	0.19	0.19	U
Beta-BHC	ug/L	0.0097	0.0097	U	0.0095	0.0095	U
Bromacil	ug/L	0.19	0.19	UJ	0.19	0.19	UJ
Butylate	ug/L	0.19	0.19	U	0.19	0.19	U
Chlordane	ug/L	0.19	0.19	U	0.19	0.19	U
Chlorpyrifos Ethyl	ug/L	0.049	0.049	U	0.048	0.048	U
Chlorpyrifos Methyl	ug/L	0.097	0.097	U	0.095	0.095	U
DDD-p,p'	ug/L	0.019	0.019	U	0.019	0.019	U
DDE-p,p'	ug/L	0.019	0.019	U	0.019	0.019	U
DDT-p,p'	ug/L	0.029	0.029	U	0.029	0.029	U
Delta-BHC	ug/L	0.0097	0.0097	U	0.0095	0.0095	U
Diazinon	ug/L	0.049	0.049	U	0.048	0.048	U
Dieldrin	ug/L	0.019	0.019	U	0.019	0.019	U
Endosulfan I	ug/L	0.019	0.019	U	0.019	0.019	U
Endosulfan II	ug/L	0.019	0.019	U	0.019	0.019	U
Endosulfan Sulfate	ug/L	0.019	0.019	U	0.019	0.019	U
Endrin	ug/L	0.049	0.049	UJ	0.048	0.048	UJ
Endrin Aldehyde	ug/L	0.019	0.019	U	0.019	0.019	U
Ethion	ug/L	0.049	0.049	U	0.048	0.048	U
Ethoprop	ug/L	0.097	0.097	U	0.095	0.095	U
Fenamiphos	ug/L	0.19	0.19	U	0.19	0.19	U
Fonofos	ug/L	0.097	0.097	U	0.095	0.095	U
Gamma-BHC	ug/L	0.0097	0.0097	U	0.0095	0.0095	U
Heptachlor	ug/L	0.0097	0.0097	U	0.0095	0.0095	U
Heptachlor Epoxide	ug/L	0.019	0.019	U	0.019	0.019	U
Hexazinone	ug/L	0.097	0.097	UJ	0.095	0.095	UJ

Table 2: Location 12 Analytical Results

Pesticides/Herbicides/PCBs	Units	12-PRE Results	MDL	Remark	12-POST Results	MDL	Remark
Malathion	ug/L	0.15	0.15	U	0.14	0.14	U
Metalaxyl	ug/L	0.24	0.24	U	0.24	0.24	U
Methoxychlor	ug/L	0.049	0.049	U	0.048	0.048	U
Metolachlor	ug/L	0.49	0.49	UJ	0.48	0.48	UJ
Metribuzin	ug/L	0.097	0.097	UJ	0.095	0.095	UJ
Mevinphos	ug/L	0.19	0.19	U	0.19	0.19	U
Naled	ug/L	0.78	0.78	U	0.76	0.76	U
Norflurazon	ug/L	0.15	0.15	UJ	0.14	0.14	UJ
Parathion Ethyl	ug/L	0.15	0.15	U	0.14	0.14	U
Parathion Methyl	ug/L	0.097	0.097	U	0.095	0.095	U
PCB-1016	ug/L	0.19	0.19	U	0.19	0.19	U
PCB-1221	ug/L	0.19	0.19	U	0.19	0.19	U
PCB-1232	ug/L	0.19	0.19	U	0.19	0.19	U
PCB-1242	ug/L	0.29	0.29	U	0.29	0.29	U
PCB-1248	ug/L	0.19	0.19	U	0.19	0.19	U
PCB-1254	ug/L	0.29	0.29	U	0.29	0.29	U
PCB-1260	ug/L	0.19	0.19	U	0.19	0.19	U
Phorate	ug/L	0.049	0.049	U	0.048	0.048	U
Prometryn	ug/L	0.15	0.15	U	0.14	0.14	U
Silvex	ug/L	0.2	0.2	U	0.21	0.21	U
Simazine	ug/L	0.049	0.049	U	0.048	0.048	U
Toxaphene	ug/L	0.73	0.73	U	0.71	0.71	U
Metals	Units	12-PRE Results	MDL	Remark	12-POST Results	MDL	Remark
Aluminum	ug/L	60	60	U	60	60	U
Antimony	ug/L	0.25	0.25	U	0.25	0.25	U
Arsenic	ug/L	0.72	0.25	I	0.25	0.25	U
Barium	ug/L	37.3	0.2		0.29	0.2	I
Beryllium	ug/L	0.026	0.025	I	0.025	0.025	U
Boron	ug/L	32	15	I	25	15	I

Table 2: Location 12 Analytical Results

Metals	Units	12-PRE Results	MDL	Remark	12-POST Results	MDL	Remark
Cadmium	ug/L	0.03	0.03	U	0.03	0.03	U
Calcium	mg/L	190	0.075		0.12	0.075	I
Chromium	ug/L	1	0.3	I	0.3	0.3	U
Cobalt	ug/L	0.17	0.03		0.03	0.03	U
Copper	ug/L	0.5	0.5		7.89	0.5	A
Iron	ug/L	3.02E+03	30		30	30	U
Lead	ug/L	0.2	0.2	U	0.73	0.2	I
Magnesium	mg/L	3.94	0.04		0.04	0.04	U
Manganese	ug/L	20.2	0.75		0.75	0.75	U
Mercury	ug/L	0.12	0.12	U	0.12	0.12	U
Molybdenum	ug/L	0.88	0.15		0.15	0.15	U
Nickel	ug/L	0.6	0.25	I	0.38	0.25	I
Potassium	mg/L	0.54	0.3	I	0.3	0.3	U
Selenium	ug/L	0.37	0.2	I	0.2	0.2	U
Silver	ug/L	0.025	0.025	U	0.025	0.025	U
Sodium	mg/L	46.5	0.5		16.6	0.5	A
Strontium	ug/L	539	2		2	2	U
Thallium	ug/L	0.1	0.1	U	0.1	0.1	U
Tin	ug/L	3	3	U	3	3	U
Titanium	ug/L	0.75	0.75	U	0.75	0.75	U
Vanadium	ug/L	5.6	2	I	2	2	U
Zinc	ug/L	5.0	5	U	95	5	A
Radionuclides	Units	12-PRE Results	MDL	Remark	12-POST Results	MDL	Remark
Alpha, Total	pCi/L	4.7			1.1		U
Alpha-Counting Error	pCi/L	1.4			0.6		
Beta, Total	pCi/L	2.5			1.7		U
Beta-Counting Error	pCi/L	1.3			1		
Radium 226	pCi/L	1.2			0.2		U
Radium 226-Counting Error	pCi/L	0.2			0.1		

Table 2: Location 12 Analytical Results

Radionuclides	Units	12-PRE Results	MDL	Remark	12-POST Results	MDL	Remark
Radium 228	pCi/L	0.8		U	1		U
Radium 228-Counting Error	pCi/L	0.5			0.6		
Additional Analytes	Units	12-PRE Results	MDL	Remark	12-POST Results	MDL	Remark
1,4-Dioxane	ug/L	0.2	0.2	U	0.2	0.2	U
NO2NO3-N	mg N/L	0.004	0.004	U	0.004	0.004	U
Perchlorate	ug/L	1.5	1.5	U	0.3	0.3	U

0.8 Gray shading indicates analyte was detected above the laboratories method detection limit but at a concentration below any applicable Florida Drinking Water Standard or Groundwater Cleanup Target Level.

256 Yellow shading indicates analyte was detected above the laboratories method detection limit at a concentration exceeding either a Florida Drinking Water Standard or Groundwater Cleanup Target Level.

Location 14

Table 1: Summary of FDWS/GCTLs Exceedances and Radionuclides in Water Samples Collected Pre- and Post-Treatment from Location 14
February 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation

Analyte	FDWS/GCTL	14-Pre	14-Post
<i>Exceedances</i>			
Iron	300 ug/L (FSDWS)	1,750	ND
Sodium	160 mg/L (FPDWS)	25.8	388
<i>Radionuclides</i>			
Total Alpha	15pCi/L (FPDWS)	6.9	ND
Radium 226/228	5 pCi/L (FPDWS)	3.1	0.6
Total Beta	50 pCi/L (FDEPSL)	5.6	ND
No Exceedances for Radionuclides			

FDWS=Florida Drinking Water Standard

GCTL=Ground Water Cleanup Target Level

FPDWS= Florida Primary Drinking Water Standard

FSDWS=Florida Secondary Drinking Water Standard

FDEPSL=FDEP Screening Level

ND=Non Detect

NA=Not Analyzed

Gray Shading= Analyte Detected

Yellow Shading=Exceedance of FDWS/GCTL

ug/L= micrograms per Liter

pCi/L=picocuries per Liter

mg/L=milligrams per Liter

Table 2: Location 14 Analytical Results

Volatile Organic Compounds	Units	14-PRE Results	MDL	Remark	14-POST Results	MDL	Remark
1,1,1-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1,2,2-Tetrachloroethane	ug/L	0.5	0.5	UJ	0.5	0.5	UJ
1,1,2-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
1,2-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
1,2-Dichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,2-Dichloropropane	ug/L	0.5	0.5	U	0.5	0.5	U
1,3-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
1,4-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
Benzene	ug/L	0.2	0.2	U	0.2	0.2	U
Bromodichloromethane	ug/L	0.2	0.2	U	0.2	0.2	U
Bromoform	ug/L	0.5	0.5	U	0.5	0.5	U
Bromomethane	ug/L	0.5	0.5	UJ	0.5	0.5	UJ
Carbon tetrachloride	ug/L	0.2	0.2	U	0.2	0.2	U
Chlorobenzene	ug/L	0.2	0.2	U	0.2	0.2	U
Chloroethane	ug/L	0.5	0.5	U	0.5	0.5	U
Chloroform	ug/L	0.2	0.2	U	0.2	0.2	U
Chloromethane	ug/L	0.5	0.5	U	0.5	0.5	U
cis-1,2-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
cis-1,3-Dichloropropene	ug/L	0.5	0.5	U	0.5	0.5	U
Dibromochloromethane	ug/L	0.2	0.2	U	0.2	0.2	U
Ethylbenzene	ug/L	0.5	0.5	U	0.5	0.5	U
m,p-Xylene	ug/L	0.5	0.5	U	0.5	0.5	U
Methylene chloride	ug/L	0.5	0.5	U	0.5	0.5	U
Methyl-t-butyl ether	ug/L	0.5	0.5	U	0.5	0.5	U
o-Xylene	ug/L	0.2	0.2	U	0.2	0.2	U
Tetrachloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
Toluene	ug/L	0.5	0.5	U	0.5	0.5	U

Table 2: Location 14 Analytical Results

Volatile Organic Compounds	Units	14-PRE Results	MDL	Remark	14-POST Results	MDL	Remark
trans-1,2-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
trans-1,3-Dichloropropene	ug/L	0.2	0.2	U	0.2	0.2	U
Trichloroethene	ug/L	0.2	0.2	U	0.2	0.2	U
Trichlorofluoromethane	ug/L	0.5	0.5	U	0.5	0.5	U
Vinyl chloride	ug/L	0.5	0.5	U	0.5	0.5	U
Semi-Volatile Organic Compounds	Units	14-PRE Results	MDL	Remark	14-POST Results	MDL	Remark
1,2,4,5-Tetrachlorobenzene	ug/L	0.97	0.97	U	0.98	0.98	U
1,2,4-Trichlorobenzene	ug/L	0.97	0.97	U	0.98	0.98	U
1,3,5-Trinitrobenzene	ug/L	3.9	3.9	U	3.9	3.9	U
1,3-Dinitrobenzene	ug/L	1.9	1.9	U	2	2	U
1,4-Naphthoquinone	ug/L	19	19	UJ	20	20	UJ
1-Methylnaphthalene	ug/L	0.97	0.97	U	0.98	0.98	U
1-Naphthylamine	ug/L	9.7	9.7	U	9.8	9.8	U
2,3,4,6-Tetrachlorophenol	ug/L	1.9	1.9	U	2	2	U
2,4,5-Trichlorophenol	ug/L	0.97	0.97	U	0.98	0.98	U
2,4,6-Trichlorophenol	ug/L	0.97	0.97	U	0.98	0.98	U
2,4-Dichlorophenol	ug/L	0.97	0.97	U	0.98	0.98	U
2,4-Dimethylphenol	ug/L	9.7	9.7	U	9.8	9.8	U
2,4-Dinitrophenol	ug/L	14	14	U	15	15	U
2,4-Dinitrotoluene	ug/L	0.97	0.97	U	0.98	0.98	U
2,6-Dichlorophenol	ug/L	0.97	0.97	U	0.98	0.98	U
2,6-Dinitrotoluene	ug/L	0.97	0.97	U	0.98	0.98	U
2-Acetylaminofluorene	ug/L	0.97	0.97	U	0.98	0.98	U
2-Butanone	ug/L	5	5	U	5	5	U
2-Chloronaphthalene	ug/L	0.97	0.97	U	0.98	0.98	U
2-Chlorophenol	ug/L	0.97	0.97	U	0.98	0.98	U
2-Methyl-4,6-dinitrophenol	ug/L	2.9	2.9	U	2.9	2.9	U
2-Methylnaphthalene	ug/L	0.97	0.97	U	0.98	0.98	U

Table 2: Location 14 Analytical Results

Semi-Volatile Organic Compounds	Units	14-PRE Results	MDL	Remark	14-POST Results	MDL	Remark
2-Naphthylamine	ug/L	9.7	9.7	U	9.8	9.8	U
2-Nitroaniline	ug/L	0.97	0.97	U	0.98	0.98	U
2-Nitrophenol	ug/L	0.97	0.97	U	0.98	0.98	U
2-Picoline	ug/L	0.97	0.97	U	0.98	0.98	U
3,3'-Dichlorobenzidine	ug/L	39	39	U	39	39	U
3,3'-Dimethylbenzidine	ug/L	19	19	UJ	20	20	UJ
3-Methylcholanthrene	ug/L	0.97	0.97	U	0.98	0.98	U
3-Nitroaniline	ug/L	0.97	0.97	U	0.98	0.98	U
4-Aminobiphenyl	ug/L	3.9	3.9	U	3.9	3.9	U
4-Bromophenyl phenyl ether	ug/L	0.97	0.97	U	0.98	0.98	U
4-Chloro-3-methylphenol	ug/L	0.97	0.97	U	0.98	0.98	U
4-Chloroaniline	ug/L	0.97	0.97	U	0.98	0.98	U
4-Chlorophenyl phenyl ether	ug/L	1.9	1.9	U	2	2	U
4-Nitroaniline	ug/L	0.97	0.97	UJ	0.98	0.98	UJ
4-Nitrophenol	ug/L	14	14	U	15	15	U
5-Nitro-o-toluidine	ug/L	0.97	0.97	U	0.98	0.98	U
7,12-Dimethylbenz(a)anthracene	ug/L	0.97	0.97	U	0.98	0.98	U
Acenaphthene	ug/L	0.97	0.97	U	0.98	0.98	U
Acenaphthylene	ug/L	0.97	0.97	U	0.98	0.98	U
Acetophenone	ug/L	0.97	0.97	U	0.98	0.98	U
Acifluorfen	ug/L	0.2	0.2	UJ	0.21	0.21	UJ
Aniline	ug/L	0.97	0.97	UJ	0.98	0.98	UJ
Anthracene	ug/L	0.97	0.97	U	0.98	0.98	U
Azobenzene/1,2-Diphenylhydrazine	ug/L	0.97	0.97	U	0.98	0.98	U
Benzidine	ug/L	97	97	U	98	98	U
Benzo(a)anthracene	ug/L	0.97	0.97	U	0.98	0.98	U
Benzo(a)pyrene	ug/L	0.97	0.97	U	0.98	0.98	U
Benzo(b)fluoranthene	ug/L	0.97	0.97	U	0.98	0.98	U
Benzo(g,h,i)perylene	ug/L	0.97	0.97	U	0.98	0.98	U

Table 2: Location 14 Analytical Results

Semi-Volatile Organic Compounds	Units	14-PRE Results	MDL	Remark	14-POST Results	MDL	Remark
Benzo(k)fluoranthene	ug/L	0.97	0.97	U	0.98	0.98	U
Benzyl alcohol	ug/L	0.97	0.97	U	0.98	0.98	U
Bis(2-chloroethoxy)methane	ug/L	0.97	0.97	U	0.98	0.98	U
Bis(2-chloroethyl)ether	ug/L	0.97	0.97	U	0.98	0.98	U
Bis(2-chloroisopropyl)ether	ug/L	2.9	2.9	U	2.9	2.9	U
Bis(2-ethylhexyl)phthalate	ug/L	14	14	U	15	15	U
Butyl benzyl phthalate	ug/L	4.8	4.8	U	4.9	4.9	U
Carbazole	ug/L	0.97	0.97	U	0.98	0.98	U
Chrysene	ug/L	0.97	0.97	U	0.98	0.98	U
Dibenzo(a,h)anthracene	ug/L	0.97	0.97	U	0.98	0.98	U
Dibenzofuran	ug/L	0.97	0.97	U	0.98	0.98	U
Diethyl phthalate	ug/L	0.97	0.97	UJ	0.98	0.98	UJ
Dimethyl phthalate	ug/L	9.7	9.7	UJ	9.8	9.8	UJ
Dimethylaminoazobenzene	ug/L	0.97	0.97	U	0.98	0.98	U
Di-n-butyl phthalate	ug/L	4.8	4.8	UJ	4.9	4.9	UJ
Di-n-octyl phthalate	ug/L	0.97	0.97	U	0.98	0.98	U
Dinoseb	ug/L	3.9	3.9	UJ	3.9	3.9	UJ
Ethyl methanesulfonate	ug/L	0.97	0.97	U	0.98	0.98	U
Fluoranthene	ug/L	0.97	0.97	U	0.98	0.98	U
Fluorene	ug/L	0.97	0.97	U	0.98	0.98	U
Hexachlorobenzene	ug/L	0.97	0.97	U	0.98	0.98	U
Hexachlorobutadiene	ug/L	2.9	2.9	U	2.9	2.9	U
Hexachlorocyclopentadiene	ug/L	2.9	2.9	U	2.9	2.9	U
Hexachloroethane	ug/L	2.9	2.9	U	2.9	2.9	U
Hexachloropropene	ug/L	1.9	1.9	U	2	2	U
Indeno(1,2,3-cd)pyrene	ug/L	0.97	0.97	U	0.98	0.98	U
Isophorone	ug/L	0.97	0.97	U	0.98	0.98	U
Isosafrole	ug/L	0.97	0.97	UJ	0.98	0.98	UJ
m,p-Cresols	ug/L	1.9	1.9	U	2	2	U

Table 2: Location 14 Analytical Results

Semi-Volatile Organic Compounds	Units	14-PRE Results	MDL	Remark	14-POST Results	MDL	Remark
Methapyrilene	ug/L	3.9	3.9	U	3.9	3.9	U
Methyl methanesulfonate	ug/L	0.97	0.97	UJ	0.98	0.98	UJ
Naphthalene	ug/L	0.97	0.97	U	0.98	0.98	U
Nitrobenzene	ug/L	1.9	1.9	U	2	2	U
Nitroquinoline-1-oxide	ug/L	19	19	UJ	20	20	UJ
N-Nitrosodiethylamine	ug/L	0.97	0.97	U	0.98	0.98	U
N-Nitrosodimethylamine	ug/L	1.9	1.9	U	2	2	U
N-Nitrosodi-n-butylamine	ug/L	0.97	0.97	U	0.98	0.98	U
N-Nitrosodi-n-propylamine	ug/L	1.9	1.9	U	2	2	U
N-Nitrosodiphenylamine/ Diphenylamine	ug/L	2.9	2.9	U	2.9	2.9	U
N-Nitrosomethylethylamine	ug/L	1.9	1.9	U	2	2	U
N-Nitrosomorpholine	ug/L	0.97	0.97	U	0.98	0.98	U
N-Nitrosopiperidine	ug/L	0.97	0.97	U	0.98	0.98	U
N-Nitrosopyrrolidine	ug/L	1.9	1.9	U	2	2	U
o-Cresol	ug/L	1.9	1.9	U	2	2	U
o-Toluidine	ug/L	0.97	0.97	U	0.98	0.98	U
Pentachlorobenzene	ug/L	0.97	0.97	U	0.98	0.98	U
Pentachloroethane	ug/L	48	48	U	49	49	U
Pentachloronitrobenzene	ug/L	0.97	0.97	U	0.98	0.98	U
Pentachlorophenol	ug/L	2.9	2.9	U	2.9	2.9	U
Phenacetin	ug/L	3.9	3.9	U	3.9	3.9	U
Phenanthrene	ug/L	0.97	0.97	U	0.98	0.98	U
Phenol	ug/L	0.97	0.97	U	0.98	0.98	U
Pyrene	ug/L	0.97	0.97	UJ	0.98	0.98	UJ
Pyridine	ug/L	3.9	3.9	U	3.9	3.9	U
Safrole	ug/L	0.97	0.97	U	0.98	0.98	U
TRPH	mg/L	0.24	0.24	UJ	0.24	0.24	U

Table 2: Location 14 Analytical Results

Pesticides/Herbicides/PCBs	Units	14-PRE Results	MDL	Remark	14-POST Results	MDL	Remark
1,2-Dibromo-3-Chloropropane	ug/L	0.01	0.01	U	0.01	0.01	U
1,2-Dibromoethane	ug/L	0.01	0.01	U	0.01	0.01	U
2,4,5-T	ug/L	0.2	0.2	U	0.21	0.21	U
2,4-D	ug/L	0.2	0.2	U	0.21	0.21	U
Alachlor	ug/L	0.57	0.57	U	0.59	0.59	U
Aldrin	ug/L	0.0095	0.0095	U	0.0099	0.0099	U
Alpha-BHC	ug/L	0.0095	0.0095	U	0.0099	0.0099	U
Ametryn	ug/L	0.047	0.047	U	0.05	0.05	U
Atrazine	ug/L	0.047	0.047	U	0.05	0.05	U
Azinphos Methyl	ug/L	0.19	0.19	U	0.2	0.2	U
Beta-BHC	ug/L	0.0095	0.0095	U	0.0099	0.0099	U
Bromacil	ug/L	0.19	0.19	UJ	0.2	0.2	UJ
Butylate	ug/L	0.19	0.19	U	0.2	0.2	U
Chlordane	ug/L	0.19	0.19	U	0.2	0.2	U
Chlorpyrifos Ethyl	ug/L	0.047	0.047	U	0.05	0.05	U
Chlorpyrifos Methyl	ug/L	0.095	0.095	U	0.099	0.099	U
DDD-p,p'	ug/L	0.019	0.019	U	0.02	0.02	U
DDE-p,p'	ug/L	0.019	0.019	U	0.02	0.02	U
DDT-p,p'	ug/L	0.028	0.028	U	0.03	0.03	U
Delta-BHC	ug/L	0.0095	0.0095	U	0.0099	0.0099	U
Diazinon	ug/L	0.047	0.047	U	0.05	0.05	U
Dieldrin	ug/L	0.019	0.019	U	0.02	0.02	U
Endosulfan I	ug/L	0.019	0.019	U	0.02	0.02	U
Endosulfan II	ug/L	0.019	0.019	U	0.02	0.02	U
Endosulfan Sulfate	ug/L	0.019	0.019	U	0.02	0.02	U
Endrin	ug/L	0.047	0.047	UJ	0.05	0.05	UJ
Endrin Aldehyde	ug/L	0.019	0.019	U	0.02	0.02	U
Ethion	ug/L	0.047	0.047	U	0.05	0.05	U
Ethoprop	ug/L	0.095	0.095	U	0.099	0.099	U

Table 2: Location 14 Analytical Results

Pesticides/Herbicides/PCBs	Units	14-PRE Results	MDL	Remark	14-POST Results	MDL	Remark
Fenamiphos	ug/L	0.19	0.19	U	0.2	0.2	U
Fonofos	ug/L	0.095	0.095	U	0.099	0.099	U
Gamma-BHC	ug/L	0.0095	0.0095	U	0.0099	0.0099	U
Heptachlor	ug/L	0.0095	0.0095	U	0.0099	0.0099	U
Heptachlor Epoxide	ug/L	0.019	0.019	U	0.02	0.02	U
Hexazinone	ug/L	0.095	0.095	UJ	0.099	0.099	UJ
Malathion	ug/L	0.14	0.14	U	0.15	0.15	U
Metalaxyl	ug/L	0.24	0.24	U	0.25	0.25	U
Methoxychlor	ug/L	0.047	0.047	U	0.05	0.05	U
Metolachlor	ug/L	0.47	0.47	UJ	0.5	0.5	UJ
Metribuzin	ug/L	0.095	0.095	UJ	0.099	0.099	UJ
Mevinphos	ug/L	0.19	0.19	U	0.2	0.2	U
Naled	ug/L	0.76	0.76	U	0.79	0.79	U
Norflurazon	ug/L	0.14	0.14	UJ	0.15	0.15	UJ
Parathion Ethyl	ug/L	0.14	0.14	U	0.15	0.15	U
Parathion Methyl	ug/L	0.095	0.095	U	0.099	0.099	U
PCB-1016	ug/L	0.19	0.19	U	0.2	0.2	U
PCB-1221	ug/L	0.19	0.19	U	0.2	0.2	U
PCB-1232	ug/L	0.19	0.19	U	0.2	0.2	U
PCB-1242	ug/L	0.28	0.28	U	0.3	0.3	U
PCB-1248	ug/L	0.19	0.19	U	0.2	0.2	U
PCB-1254	ug/L	0.28	0.28	U	0.3	0.3	U
PCB-1260	ug/L	0.19	0.19	U	0.2	0.2	U
Phorate	ug/L	0.047	0.047	U	0.05	0.05	U
Prometryn	ug/L	0.14	0.14	U	0.15	0.15	U
Silvex	ug/L	0.2	0.2	U	0.21	0.21	U
Simazine	ug/L	0.047	0.047	U	0.05	0.05	U
Toxaphene	ug/L	0.71	0.71	U	0.74	0.74	U

Table 2: Location 14 Analytical Results

Metals	Units	14-PRE Results	MDL	Remark	14-POST Results	MDL	Remark
Aluminum	ug/L	60	60	U	60	60	U
Antimony	ug/L	0.25	0.25	U	0.25	0.25	U
Arsenic	ug/L	0.25	0.25	U	0.25	0.25	U
Barium	ug/L	30.2	0.2		0.38	0.2	I
Beryllium	ug/L	0.025	0.025	U	0.025	0.025	U
Boron	ug/L	76	15		68	15	
Cadmium	ug/L	0.03	0.03	U	0.03	0.03	U
Calcium	mg/L	277	0.22		0.7	0.075	
Chromium	ug/L	0.3	0.3	U	0.3	0.3	U
Cobalt	ug/L	0.13	0.03		0.03	0.03	U
Copper	ug/L	5.14	0.5		37.3	0.5	
Iron	ug/L	1.75E+03	30		30	30	U
Lead	ug/L	1.56	0.2		0.2	0.2	U
Magnesium	mg/L	19.6	0.04		0.04	0.04	U
Manganese	ug/L	15.7	0.75		2.1	0.75	I
Mercury	ug/L	0.12	0.12	U	0.12	0.12	U
Molybdenum	ug/L	0.8	0.15		0.15	0.15	U
Nickel	ug/L	0.82	0.25	I	0.25	0.25	I
Potassium	mg/L	2.5	0.3		0.3	0.3	U
Selenium	ug/L	0.2	0.2	U	0.2	0.2	U
Silver	ug/L	0.025	0.025	U	0.025	0.025	U
Sodium	mg/L	25.8	0.5		388	2.5	
Strontium	ug/L	2.68E+03	2		7.2	2	I
Thallium	ug/L	0.1	0.1	U	0.1	0.1	U
Tin	ug/L	9	9	U	3	3	U
Titanium	ug/L	2.2	2.2	U	0.75	0.75	U
Vanadium	ug/L	2	2	U	2	2	U
Zinc	ug/L	83	5		5	5	U

Table 2: Location 14 Analytical Results

Radionuclides	Units	14-PRE Results	MDL	Remark	14-POST Results	MDL	Remark
Alpha, Total	pCi/L	6.9			2.3		U
Alpha-Counting Error	pCi/L	2.1			1.4		
Beta, Total	pCi/L	5.6			2.6		U
Beta-Counting Error	pCi/L	1.8			1.5		
Radium 226	pCi/L	3.1			0.6		
Radium 226-Counting Error	pCi/L	0.3			0.1		
Radium 228	pCi/L	0.9		U	0.9		U
Radium 228-Counting Error	pCi/L	0.6			0.6		
Additional Analytes	Units	14-PRE Results	MDL	Remark	14-POST Results	MDL	Remark
1,4-Dioxane	ug/L	0.2	0.2	U	0.2	0.2	U
NO2NO3-N	mg N/L	0.004	0.004	U	0.004	0.004	U
Perchlorate	ug/L	1.5	1.5	U	1.2	1.2	U

0.8 Gray shading indicates analyte was detected above the laboratories method detection limit but at a concentration below any applicable Florida Drinking Water Standard or Groundwater Cleanup Target Level.

256 Yellow shading indicates analyte was detected above the laboratories method detection limit at a concentration exceeding either a Florida Drinking Water Standard or Groundwater Cleanup Target Level.

Location 15

**Table 1: Summary of FDWS/GCTLs Exceedances and Radionuclides in Water Samples Collected Pre- and Post-Treatment from Location 15
February 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation**

Analyte	FDWS/GCTL	15-Pre	15-Post
<i>Exceedances</i>			
Bromodichloromethane	0.6 ug/L (GCTL)	ND	0.68#
Iron	300 ug/L (FSDWS)	1,690	34
Sodium	160 mg/L (FPDWS)	58.6	260
<i>Radionuclides</i>			
Total Alpha	15pCi/L (FPDWS)	ND	ND
Radium 226/228	5 pCi/L (FPDWS)	1.4	ND
Total Beta	50 pCi/L (FDEPSL)	ND	ND
No Exceedances for Radionuclides			

FDWS=Florida Drinking Water Standard

GCTL=Ground Water Cleanup Target Level

FPDWS= Florida Primary Drinking Water Standard

FSDWS=Florida Secondary Drinking Water Standard

FDEPSL=FDEP Screening Level

ND=Non Detect

NA=Not Analyzed

Gray Shading= Analyte Detected

Yellow Shading=Exceedance of FDWS/GCTL

ug/L= micrograms per Liter

pCi/L=picocuries per Liter

mg/L=milligrams per Liter

Does not exceed EPAs combined trihalomethanes standard of 80 ug/L

Table 2: Location 15 Analytical Results

Volatile Organic Compounds	Units	15-PRE Results	MDL	Remark	15-POST Results	MDL	Remark
1,1,1-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1,2,2-Tetrachloroethane	ug/L	0.5	0.5	UJ	0.5	0.5	UJ
1,1,2-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
1,2-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
1,2-Dichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,2-Dichloropropane	ug/L	0.5	0.5	U	0.5	0.5	U
1,3-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
1,4-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
Benzene	ug/L	0.2	0.2	U	0.2	0.2	U
Bromodichloromethane	ug/L	0.2	0.2	U	0.68	0.2	I
Bromoform	ug/L	0.5	0.5	U	0.5	0.5	U
Bromomethane	ug/L	0.5	0.5	UJ	0.5	0.5	UJ
Carbon tetrachloride	ug/L	0.2	0.2	U	0.2	0.2	U
Chlorobenzene	ug/L	0.2	0.2	U	0.2	0.2	U
Chloroethane	ug/L	0.5	0.5	U	0.5	0.5	U
Chloroform	ug/L	0.2	0.2	U	8	0.2	
Chloromethane	ug/L	0.5	0.5	U	0.5	0.5	U
cis-1,2-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
cis-1,3-Dichloropropene	ug/L	0.5	0.5	U	0.5	0.5	U
Dibromochloromethane	ug/L	0.2	0.2	U	0.2	0.2	U
Ethylbenzene	ug/L	0.5	0.5	U	0.5	0.5	U
m,p-Xylene	ug/L	0.5	0.5	U	0.5	0.5	U
Methylene chloride	ug/L	0.5	0.5	U	0.5	0.5	U
Methyl-t-butyl ether	ug/L	0.5	0.5	U	0.5	0.5	U
o-Xylene	ug/L	0.2	0.2	U	0.2	0.2	U
Tetrachloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
Toluene	ug/L	0.5	0.5	U	0.5	0.5	U

Table 2: Location 15 Analytical Results

Volatile Organic Compounds	Units	15-PRE Results	MDL	Remark	15-POST Results	MDL	Remark
trans-1,2-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
trans-1,3-Dichloropropene	ug/L	0.2	0.2	U	0.2	0.2	U
Trichloroethene	ug/L	0.2	0.2	U	0.2	0.2	U
Trichlorofluoromethane	ug/L	0.5	0.5	U	0.5	0.5	U
Vinyl chloride	ug/L	0.5	0.5	U	0.5	0.5	U
Semi-Volatile Organic Compounds	Units	15-PRE Results	MDL	Remark	15-POST Results	MDL	Remark
1,2,4,5-Tetrachlorobenzene	ug/L	0.96	0.96	U	0.96	0.96	U
1,2,4-Trichlorobenzene	ug/L	0.96	0.96	U	0.96	0.96	U
1,3,5-Trinitrobenzene	ug/L	3.8	3.8	U	3.8	3.8	U
1,3-Dinitrobenzene	ug/L	1.9	1.9	U	1.9	1.9	U
1,4-Naphthoquinone	ug/L	19	19	UJ	19	19	UJ
1-Methylnaphthalene	ug/L	0.96	0.96	U	0.96	0.96	U
1-Naphthylamine	ug/L	9.6	9.6	U	9.6	9.6	U
2,3,4,6-Tetrachlorophenol	ug/L	1.9	1.9	U	1.9	1.9	U
2,4,5-Trichlorophenol	ug/L	0.96	0.96	U	0.96	0.96	U
2,4,6-Trichlorophenol	ug/L	0.96	0.96	U	0.96	0.96	U
2,4-Dichlorophenol	ug/L	0.96	0.96	U	0.96	0.96	U
2,4-Dimethylphenol	ug/L	9.6	9.6	U	9.6	9.6	U
2,4-Dinitrophenol	ug/L	14	14	U	14	14	U
2,4-Dinitrotoluene	ug/L	0.96	0.96	U	0.96	0.96	U
2,6-Dichlorophenol	ug/L	0.96	0.96	U	0.96	0.96	U
2,6-Dinitrotoluene	ug/L	0.96	0.96	U	0.96	0.96	U
2-Acetylaminofluorene	ug/L	0.96	0.96	U	0.96	0.96	U
2-Butanone	ug/L	5	5	U	5	5	U
2-Chloronaphthalene	ug/L	0.96	0.96	U	0.96	0.96	U
2-Chlorophenol	ug/L	0.96	0.96	U	0.96	0.96	U
2-Methyl-4,6-dinitrophenol	ug/L	2.9	2.9	U	2.9	2.9	U
2-Methylnaphthalene	ug/L	0.96	0.96	U	0.96	0.96	U

Table 2: Location 15 Analytical Results

Semi-Volatile Organic Compounds	Units	15-PRE Results	MDL	Remark	15-POST Results	MDL	Remark
2-Naphthylamine	ug/L	9.6	9.6	U	9.6	9.6	U
2-Nitroaniline	ug/L	0.96	0.96	U	0.96	0.96	U
2-Nitrophenol	ug/L	0.96	0.96	U	0.96	0.96	U
2-Picoline	ug/L	0.96	0.96	U	0.96	0.96	U
3,3'-Dichlorobenzidine	ug/L	38	38	U	38	38	U
3,3'-Dimethylbenzidine	ug/L	19	19	UJ	19	19	UJ
3-Methylcholanthrene	ug/L	0.96	0.96	U	0.96	0.96	U
3-Nitroaniline	ug/L	0.96	0.96	U	0.96	0.96	U
4-Aminobiphenyl	ug/L	3.8	3.8	U	3.8	3.8	U
4-Bromophenyl phenyl ether	ug/L	0.96	0.96	U	0.96	0.96	U
4-Chloro-3-methylphenol	ug/L	0.96	0.96	U	0.96	0.96	U
4-Chloroaniline	ug/L	0.96	0.96	U	0.96	0.96	U
4-Chlorophenyl phenyl ether	ug/L	1.9	1.9	U	1.9	1.9	U
4-Nitroaniline	ug/L	0.96	0.96	UJ	0.96	0.96	UJ
4-Nitrophenol	ug/L	14	14	U	14	14	U
5-Nitro-o-toluidine	ug/L	0.96	0.96	U	0.96	0.96	U
7,12-Dimethylbenz(a)anthracene	ug/L	0.96	0.96	U	0.96	0.96	U
Acenaphthene	ug/L	0.96	0.96	U	0.96	0.96	U
Acenaphthylene	ug/L	0.96	0.96	U	0.96	0.96	U
Acetophenone	ug/L	0.96	0.96	U	0.96	0.96	U
Acifluorfen	ug/L	0.2	0.2	UJ	0.2	0.2	UJ
Aniline	ug/L	0.96	0.96	UJ	0.96	0.96	UJ
Anthracene	ug/L	0.96	0.96	U	0.96	0.96	U
Azobenzene/1,2-Diphenylhydrazine	ug/L	0.96	0.96	U	0.96	0.96	U
Benzidine	ug/L	96	96	U	96	96	U
Benzo(a)anthracene	ug/L	0.96	0.96	U	0.96	0.96	U
Benzo(a)pyrene	ug/L	0.96	0.96	U	0.96	0.96	U
Benzo(b)fluoranthene	ug/L	0.96	0.96	U	0.96	0.96	U
Benzo(g,h,i)perylene	ug/L	0.96	0.96	U	0.96	0.96	U

Table 2: Location 15 Analytical Results

Semi-Volatile Organic Compounds	Units	15-PRE Results	MDL	Remark	15-POST Results	MDL	Remark
Benzo(k)fluoranthene	ug/L	0.96	0.96	U	0.96	0.96	U
Benzyl alcohol	ug/L	0.96	0.96	U	0.96	0.96	U
Bis(2-chloroethoxy)methane	ug/L	0.96	0.96	U	0.96	0.96	U
Bis(2-chloroethyl)ether	ug/L	0.96	0.96	U	0.96	0.96	U
Bis(2-chloroisopropyl)ether	ug/L	2.9	2.9	U	2.9	2.9	U
Bis(2-ethylhexyl)phthalate	ug/L	14	14	U	14	14	U
Butyl benzyl phthalate	ug/L	4.8	4.8	U	4.8	4.8	U
Carbazole	ug/L	0.96	0.96	U	0.96	0.96	U
Chrysene	ug/L	0.96	0.96	U	0.96	0.96	U
Dibenzo(a,h)anthracene	ug/L	0.96	0.96	U	0.96	0.96	U
Dibenzofuran	ug/L	0.96	0.96	U	0.96	0.96	U
Diethyl phthalate	ug/L	0.96	0.96	UJ	0.96	0.96	UJ
Dimethyl phthalate	ug/L	9.6	9.6	UJ	9.6	9.6	UJ
Dimethylaminoazobenzene	ug/L	0.96	0.96	U	0.96	0.96	U
Di-n-butyl phthalate	ug/L	4.8	4.8	UJ	4.8	4.8	UJ
Di-n-octyl phthalate	ug/L	0.96	0.96	U	0.96	0.96	U
Dinoseb	ug/L	3.8	3.8	UJ	3.8	3.8	UJ
Ethyl methanesulfonate	ug/L	0.96	0.96	U	0.96	0.96	U
Fluoranthene	ug/L	0.96	0.96	U	0.96	0.96	U
Fluorene	ug/L	0.96	0.96	U	0.96	0.96	U
Hexachlorobenzene	ug/L	0.96	0.96	U	0.96	0.96	U
Hexachlorobutadiene	ug/L	2.9	2.9	U	2.9	2.9	U
Hexachlorocyclopentadiene	ug/L	2.9	2.9	U	2.9	2.9	U
Hexachloroethane	ug/L	2.9	2.9	U	2.9	2.9	U
Hexachloropropene	ug/L	1.9	1.9	U	1.9	1.9	U
Indeno(1,2,3-cd)pyrene	ug/L	0.96	0.96	U	0.96	0.96	U
Isophorone	ug/L	0.96	0.96	U	0.96	0.96	U
Isosafrole	ug/L	0.96	0.96	UJ	0.96	0.96	UJ
m,p-Cresols	ug/L	1.9	1.9	U	1.9	1.9	U

Table 2: Location 15 Analytical Results

Semi-Volatile Organic Compounds	Units	15-PRE Results	MDL	Remark	15-POST Results	MDL	Remark
Methapyrilene	ug/L	3.8	3.8	U	3.8	3.8	U
Methyl methanesulfonate	ug/L	0.96	0.96	UJ	0.96	0.96	UJ
Naphthalene	ug/L	0.96	0.96	U	0.96	0.96	U
Nitrobenzene	ug/L	1.9	1.9	U	1.9	1.9	U
Nitroquinoline-1-oxide	ug/L	19	19	UJ	19	19	UJ
N-Nitrosodiethylamine	ug/L	0.96	0.96	U	0.96	0.96	U
N-Nitrosodimethylamine	ug/L	1.9	1.9	U	1.9	1.9	U
N-Nitrosodi-n-butylamine	ug/L	0.96	0.96	U	0.96	0.96	U
N-Nitrosodi-n-propylamine	ug/L	1.9	1.9	U	1.9	1.9	U
N-Nitrosodiphenylamine/ Diphenylamine	ug/L	2.9	2.9	U	2.9	2.9	U
N-Nitrosomethylethylamine	ug/L	1.9	1.9	U	1.9	1.9	U
N-Nitrosomorpholine	ug/L	0.96	0.96	U	0.96	0.96	U
N-Nitrosopiperidine	ug/L	0.96	0.96	U	0.96	0.96	U
N-Nitrosopyrrolidine	ug/L	1.9	1.9	U	1.9	1.9	U
o-Cresol	ug/L	1.9	1.9	U	1.9	1.9	U
o-Toluidine	ug/L	0.96	0.96	U	0.96	0.96	U
Pentachlorobenzene	ug/L	0.96	0.96	U	0.96	0.96	U
Pentachloroethane	ug/L	48	48	U	48	48	U
Pentachloronitrobenzene	ug/L	0.96	0.96	U	0.96	0.96	U
Pentachlorophenol	ug/L	2.9	2.9	U	2.9	2.9	U
Phenacetin	ug/L	3.8	3.8	U	3.8	3.8	U
Phenanthrene	ug/L	0.96	0.96	U	0.96	0.96	U
Phenol	ug/L	0.96	0.96	U	0.96	0.96	U
Pyrene	ug/L	0.96	0.96	UJ	0.96	0.96	UJ
Pyridine	ug/L	3.8	3.8	U	3.8	3.8	U
Safrole	ug/L	0.96	0.96	U	0.96	0.96	U
TRPH	mg/L	0.24	0.24	U	0.24	0.24	U

Table 2: Location 15 Analytical Results

Pesticides/Herbicides/PCBs	Units	15-PRE Results	MDL	Remark	15-POST Results	MDL	Remark
1,2-Dibromo-3-Chloropropane	ug/L	0.01	0.01	U	0.01	0.01	U
1,2-Dibromoethane	ug/L	0.01	0.01	U	0.01	0.01	U
2,4,5-T	ug/L	0.2	0.2	U	0.2	0.2	U
2,4-D	ug/L	0.2	0.2	UJ	0.2	0.2	U
Alachlor	ug/L	0.58	0.58	U	0.58	0.58	UJ
Aldrin	ug/L	0.0096	0.0096	U	0.0097	0.0097	U
Alpha-BHC	ug/L	0.0096	0.0096	U	0.0097	0.0097	U
Ametryn	ug/L	0.048	0.048	U	0.049	0.049	UJ
Atrazine	ug/L	0.048	0.048	U	0.049	0.049	U
Azinphos Methyl	ug/L	0.19	0.19	U	0.19	0.19	U
Beta-BHC	ug/L	0.0096	0.0096	U	0.0097	0.0097	U
Bromacil	ug/L	0.19	0.19	U	0.19	0.19	UJ
Butylate	ug/L	0.19	0.19	U	0.19	0.19	UJ
Chlordane	ug/L	0.19	0.19	U	0.19	0.19	U
Chlorpyrifos Ethyl	ug/L	0.048	0.048	U	0.049	0.049	U
Chlorpyrifos Methyl	ug/L	0.096	0.096	U	0.097	0.097	U
DDD-p,p'	ug/L	0.019	0.019	U	0.019	0.019	U
DDE-p,p'	ug/L	0.019	0.019	U	0.019	0.019	U
DDT-p,p'	ug/L	0.029	0.029	U	0.029	0.029	U
Delta-BHC	ug/L	0.0096	0.0096	U	0.0097	0.0097	U
Diazinon	ug/L	0.048	0.048	U	0.049	0.049	U
Dieldrin	ug/L	0.019	0.019	U	0.019	0.019	U
Endosulfan I	ug/L	0.019	0.019	U	0.019	0.019	U
Endosulfan II	ug/L	0.019	0.019	U	0.019	0.019	U
Endosulfan Sulfate	ug/L	0.019	0.019	U	0.019	0.019	U
Endrin	ug/L	0.048	0.048	U	0.049	0.049	UJ
Endrin Aldehyde	ug/L	0.019	0.019	U	0.019	0.019	U
Ethion	ug/L	0.048	0.048	U	0.049	0.049	U
Ethoprop	ug/L	0.096	0.096	U	0.097	0.097	U

Table 2: Location 15 Analytical Results

Pesticides/Herbicides/PCBs	Units	15-PRE Results	MDL	Remark	15-POST Results	MDL	Remark
Fenamiphos	ug/L	0.19	0.19	U	0.19	0.19	U
Fonofos	ug/L	0.096	0.096	UJ	0.097	0.097	U
Gamma-BHC	ug/L	0.0096	0.0096	U	0.0097	0.0097	U
Heptachlor	ug/L	0.0096	0.0096	U	0.0097	0.0097	U
Heptachlor Epoxide	ug/L	0.019	0.019	U	0.019	0.019	U
Hexazinone	ug/L	0.096	0.096	U	0.097	0.097	UJ
Malathion	ug/L	0.14	0.14	U	0.15	0.15	U
Metalaxyl	ug/L	0.24	0.24	U	0.24	0.24	UJ
Methoxychlor	ug/L	0.048	0.048	UJ	0.049	0.049	U
Metolachlor	ug/L	0.48	0.48	U	0.49	0.49	UJ
Metribuzin	ug/L	0.096	0.096	UJ	0.097	0.097	UJ
Mevinphos	ug/L	0.19	0.19	U	0.19	0.19	U
Naled	ug/L	0.77	0.77	U	0.78	0.78	U
Norflurazon	ug/L	0.14	0.14	U	0.15	0.15	UJ
Parathion Ethyl	ug/L	0.14	0.14	U	0.15	0.15	U
Parathion Methyl	ug/L	0.096	0.096	U	0.097	0.097	U
PCB-1016	ug/L	0.19	0.19	U	0.19	0.19	U
PCB-1221	ug/L	0.19	0.19	U	0.19	0.19	U
PCB-1232	ug/L	0.19	0.19	U	0.19	0.19	U
PCB-1242	ug/L	0.29	0.29	U	0.29	0.29	U
PCB-1248	ug/L	0.19	0.19	U	0.19	0.19	U
PCB-1254	ug/L	0.29	0.29	U	0.29	0.29	U
PCB-1260	ug/L	0.19	0.19	U	0.19	0.19	U
Phorate	ug/L	0.048	0.048	U	0.049	0.049	U
Prometryn	ug/L	0.14	0.14	U	0.15	0.15	UJ
Silvex	ug/L	0.2	0.2	U	0.2	0.2	U
Simazine	ug/L	0.048	0.048	U	0.049	0.049	UJ
Toxaphene	ug/L	0.72	0.72	U	0.73	0.73	U

Table 2: Location 15 Analytical Results

Metals	Units	15-PRE Results	MDL	Remark	15-POST Results	MDL	Remark
Aluminum	ug/L	60	60	U	60	60	U
Antimony	ug/L	0.25	0.25	U	0.25	0.25	U
Arsenic	ug/L	0.5	0.25	I	0.39	0.25	I
Barium	ug/L	57.3	0.2		3.63	0.2	
Beryllium	ug/L	0.025	0.025	U	0.025	0.025	U
Boron	ug/L	42	15	I	46	15	I
Cadmium	ug/L	0.03	0.03	U	0.03	0.03	U
Calcium	mg/L	160	0.075		8.13	0.075	
Chromium	ug/L	0.37	0.3	I	0.3	0.3	U
Cobalt	ug/L	0.16	0.03		0.11	0.03	I
Copper	ug/L	7.31	0.5		24.6	0.5	
Iron	ug/L	1.69E+03	30		34	30	I
Lead	ug/L	0.2	0.2	U	0.38	0.2	I
Magnesium	mg/L	6.55	0.04		0.21	0.04	
Manganese	ug/L	27.9	0.75		1.3	0.75	I
Mercury	ug/L	0.12	0.12	U	0.12	0.12	U
Molybdenum	ug/L	0.67	0.15		0.28	0.15	I
Nickel	ug/L	0.78	0.25	I	0.5	0.25	I
Potassium	mg/L	0.58	0.3	I	0.3	0.3	U
Selenium	ug/L	0.22	0.2	I	0.2	0.2	U
Silver	ug/L	0.025	0.025	U	0.025	0.025	U
Sodium	mg/L	58.6	0.5		260	2.5	
Strontium	ug/L	963	2		47.6	2	
Thallium	ug/L	0.1	0.1	U	0.1	0.1	U
Tin	ug/L	3	3	U	3	3	U
Titanium	ug/L	0.75	0.75	U	0.75	0.75	U
Vanadium	ug/L	2	2	U	2	2	U
Zinc	ug/L	6.8	5	I	7.9	5	I

Table 2: Location 15 Analytical Results

Radionuclides	Units	15-PRE Results	MDL	Remark	15-POST Results	MDL	Remark
Alpha, Total	pCi/L	3.6		U	3		U
Alpha-Counting Error	pCi/L	2.3			1.8		
Beta, Total	pCi/L	4.2		U	2.5		U
Beta-Counting Error	pCi/L	2.5			1.5		
Radium 226	pCi/L	1.4			0.2		U
Radium 226-Counting Error	pCi/L	0.2			0.2		
Radium 228	pCi/L	0.8		U	0.8		U
Radium 228-Counting Error	pCi/L	0.5			0.5		
Additional Analytes	Units	15-PRE Results	MDL	Remark	15-POST Results	MDL	Remark
1,4-Dioxane	ug/L	0.2	0.2	U	0.2	0.2	U
NO2NO3-N	mg N/L	0.004	0.004	U	0.004	0.004	U
Perchlorate	ug/L	1.5	1.5	U	1.2	1.2	U

0.8 Gray shading indicates analyte was detected above the laboratories method detection limit but at a concentration below any applicable Florida Drinking Water Standard or Groundwater Cleanup Target Level.

256 Yellow shading indicates analyte was detected above the laboratories method detection limit at a concentration exceeding either a Florida Drinking Water Standard or Groundwater Cleanup Target Level.

Location 16

**Table 1: Summary of FDWS/GCTLs Exceedances and Radionuclides in Water Samples Collected Pre-Treatment from Location 16
February 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation**

Analyte	FDWS/GCTL	16-Pre	16-Post
<i>Exceedances</i>			
Iron	300 ug/L (FSDWS)	3,230	DNS
<i>Radionuclides</i>			
Total Alpha	15pCi/L (FPDWS)	ND	DNS
Radium 226/228	5 pCi/L (FPDWS)	2.5	DNS
Total Beta	50 pCi/L (FDEPSL)	2.7	DNS
No Exceedances for Radionuclides			

FDWS=Florida Drinking Water Standard
 GCTL=Ground Water Cleanup Target Level
 FPDWS= Florida Primary Drinking Water Standard
 FSDWS=Florida Secondary Drinking Water Standard
 FDEPSL=FDEP Screening Level
 ND=Non Detect
 NA=Not Analyzed
 Gray Shading= Analyte Detected
 Yellow Shading=Exceedance of FDWS/GCTL
 ug/L= micrograms per Liter
 pCi/L=picocuries per Liter
 mg/L=milligrams per Liter
 DNS=Did Not Sample, Well Disconnected From Home

Table 2: Location 16 Analytical Results

Volatile Organic Compounds	Units	16-PRE Results	MDL	Remark
1,1,1-Trichloroethane	ug/L	0.2	0.2	U
1,1,2,2-Tetrachloroethane	ug/L	0.5	0.5	UJ
1,1,2-Trichloroethane	ug/L	0.2	0.2	U
1,1-Dichloroethane	ug/L	0.2	0.2	U
1,1-Dichloroethene	ug/L	0.5	0.5	U
1,2-Dichlorobenzene	ug/L	0.5	0.5	U
1,2-Dichloroethane	ug/L	0.2	0.2	U
1,2-Dichloropropane	ug/L	0.5	0.5	U
1,3-Dichlorobenzene	ug/L	0.5	0.5	U
1,4-Dichlorobenzene	ug/L	0.5	0.5	U
Benzene	ug/L	0.2	0.2	U
Bromodichloromethane	ug/L	0.2	0.2	U
Bromoform	ug/L	0.5	0.5	U
Bromomethane	ug/L	0.5	0.5	UJ
Carbon tetrachloride	ug/L	0.2	0.2	U
Chlorobenzene	ug/L	0.2	0.2	U
Chloroethane	ug/L	0.5	0.5	U
Chloroform	ug/L	0.2	0.2	U
Chloromethane	ug/L	0.5	0.5	U
cis-1,2-Dichloroethene	ug/L	0.5	0.5	U
cis-1,3-Dichloropropene	ug/L	0.5	0.5	U
Dibromochloromethane	ug/L	0.2	0.2	U
Ethylbenzene	ug/L	0.5	0.5	U
m,p-Xylene	ug/L	0.5	0.5	U
Methylene chloride	ug/L	0.5	0.5	U
Methyl-t-butyl ether	ug/L	0.5	0.5	U
o-Xylene	ug/L	0.2	0.2	U
Tetrachloroethene	ug/L	0.5	0.5	U
Toluene	ug/L	0.5	0.5	U

Table 2: Location 16 Analytical Results

Volatile Organic Compounds	Units	16-PRE Results	MDL	Remark
trans-1,2-Dichloroethene	ug/L	0.5	0.5	U
trans-1,3-Dichloropropene	ug/L	0.2	0.2	U
Trichloroethene	ug/L	0.2	0.2	U
Trichlorofluoromethane	ug/L	0.5	0.5	U
Vinyl chloride	ug/L	0.5	0.5	U
Semi-Volatile Organic Compounds	Units	16-PRE Results	MDL	Remark
1,2,4,5-Tetrachlorobenzene	ug/L	0.98	0.98	U
1,2,4-Trichlorobenzene	ug/L	0.98	0.98	U
1,3,5-Trinitrobenzene	ug/L	3.9	3.9	U
1,3-Dinitrobenzene	ug/L	2	2	U
1,4-Naphthoquinone	ug/L	20	20	UJ
1-Methylnaphthalene	ug/L	0.98	0.98	U
1-Naphthylamine	ug/L	9.8	9.8	U
2,3,4,6-Tetrachlorophenol	ug/L	2	2	U
2,4,5-Trichlorophenol	ug/L	0.98	0.98	U
2,4,6-Trichlorophenol	ug/L	0.98	0.98	U
2,4-Dichlorophenol	ug/L	0.98	0.98	U
2,4-Dimethylphenol	ug/L	9.8	9.8	U
2,4-Dinitrophenol	ug/L	15	15	U
2,4-Dinitrotoluene	ug/L	0.98	0.98	U
2,6-Dichlorophenol	ug/L	0.98	0.98	U
2,6-Dinitrotoluene	ug/L	0.98	0.98	U
2-Acetylaminofluorene	ug/L	0.98	0.98	U
2-Butanone	ug/L	5	5	U
2-Chloronaphthalene	ug/L	0.98	0.98	U
2-Chlorophenol	ug/L	0.98	0.98	U
2-Methyl-4,6-dinitrophenol	ug/L	2.9	2.9	U
2-Methylnaphthalene	ug/L	0.98	0.98	U

Table 2: Location 16 Analytical Results

Semi-Volatile Organic Compounds	Units	16-PRE Results	MDL	Remark
2-Naphthylamine	ug/L	9.8	9.8	UJ
2-Nitroaniline	ug/L	0.98	0.98	U
2-Nitrophenol	ug/L	0.98	0.98	U
2-Picoline	ug/L	0.98	0.98	U
3,3'-Dichlorobenzidine	ug/L	39	39	U
3,3'-Dimethylbenzidine	ug/L	20	20	UJ
3-Methylcholanthrene	ug/L	0.98	0.98	U
3-Nitroaniline	ug/L	0.98	0.98	U
4-Aminobiphenyl	ug/L	3.9	3.9	U
4-Bromophenyl phenyl ether	ug/L	0.98	0.98	U
4-Chloro-3-methylphenol	ug/L	0.98	0.98	U
4-Chloroaniline	ug/L	0.98	0.98	U
4-Chlorophenyl phenyl ether	ug/L	2	2	U
4-Nitroaniline	ug/L	0.98	0.98	UJ
4-Nitrophenol	ug/L	15	15	U
5-Nitro-o-toluidine	ug/L	0.98	0.98	U
7,12-Dimethylbenz(a)anthracene	ug/L	0.98	0.98	U
Acenaphthene	ug/L	0.98	0.98	U
Acenaphthylene	ug/L	0.98	0.98	U
Acetophenone	ug/L	0.98	0.98	U
Acifluorfen	ug/L	0.21	0.21	UJ
Aniline	ug/L	0.98	0.98	UJ
Anthracene	ug/L	0.98	0.98	U
Azobenzene/1,2-Diphenylhydrazine	ug/L	0.98	0.98	U
Benzidine	ug/L	98	98	U
Benzo(a)anthracene	ug/L	0.98	0.98	U
Benzo(a)pyrene	ug/L	0.98	0.98	U
Benzo(b)fluoranthene	ug/L	0.98	0.98	U
Benzo(g,h,i)perylene	ug/L	0.98	0.98	U

Table 2: Location 16 Analytical Results

Semi-Volatile Organic Compounds	Units	16-PRE Results	MDL	Remark
Benzo(k)fluoranthene	ug/L	0.98	0.98	U
Benzyl alcohol	ug/L	0.98	0.98	U
Bis(2-chloroethoxy)methane	ug/L	0.98	0.98	U
Bis(2-chloroethyl)ether	ug/L	0.98	0.98	U
Bis(2-chloroisopropyl)ether	ug/L	2.9	2.9	U
Bis(2-ethylhexyl)phthalate	ug/L	15	15	U
Butyl benzyl phthalate	ug/L	4.9	4.9	U
Carbazole	ug/L	0.98	0.98	U
Chrysene	ug/L	0.98	0.98	U
Dibenzo(a,h)anthracene	ug/L	0.98	0.98	U
Dibenzofuran	ug/L	0.98	0.98	U
Diethyl phthalate	ug/L	0.98	0.98	UJ
Dimethyl phthalate	ug/L	9.8	9.8	UJ
Dimethylaminoazobenzene	ug/L	0.98	0.98	U
Di-n-butyl phthalate	ug/L	4.9	4.9	UJ
Di-n-octyl phthalate	ug/L	0.98	0.98	U
Dinoseb	ug/L	3.9	3.9	UJ
Ethyl methanesulfonate	ug/L	0.98	0.98	U
Fluoranthene	ug/L	0.98	0.98	U
Fluorene	ug/L	0.98	0.98	U
Hexachlorobenzene	ug/L	0.98	0.98	U
Hexachlorobutadiene	ug/L	2.9	2.9	U
Hexachlorocyclopentadiene	ug/L	2.9	2.9	U
Hexachloroethane	ug/L	2.9	2.9	U
Hexachloropropene	ug/L	2	2	U
Indeno(1,2,3-cd)pyrene	ug/L	0.98	0.98	U
Isophorone	ug/L	0.98	0.98	U
Isosafrole	ug/L	0.98	0.98	UJ
m,p-Cresols	ug/L	2	2	U

Table 2: Location 16 Analytical Results

Semi-Volatile Organic Compounds	Units	16-PRE Results	MDL	Remark
Methapyrilene	ug/L	3.9	3.9	U
Methyl methanesulfonate	ug/L	0.98	0.98	UJ
Naphthalene	ug/L	0.98	0.98	U
Nitrobenzene	ug/L	2	2	U
Nitroquinoline-1-oxide	ug/L	20	20	UJ
N-Nitrosodiethylamine	ug/L	0.98	0.98	U
N-Nitrosodimethylamine	ug/L	2	2	U
N-Nitrosodi-n-butylamine	ug/L	0.98	0.98	U
N-Nitrosodi-n-propylamine	ug/L	2	2	U
N-Nitrosodiphenylamine/ Diphenylamine	ug/L	2.9	2.9	U
N-Nitrosomethylethylamine	ug/L	2	2	U
N-Nitrosomorpholine	ug/L	0.98	0.98	U
N-Nitrosopiperidine	ug/L	0.98	0.98	U
N-Nitrosopyrrolidine	ug/L	2	2	U
o-Cresol	ug/L	2	2	U
o-Toluidine	ug/L	0.98	0.98	U
Pentachlorobenzene	ug/L	0.98	0.98	U
Pentachloroethane	ug/L	49	49	U
Pentachloronitrobenzene	ug/L	0.98	0.98	U
Pentachlorophenol	ug/L	2.9	2.9	U
Phenacetin	ug/L	3.9	3.9	U
Phenanthrene	ug/L	0.98	0.98	U
Phenol	ug/L	0.98	0.98	U
Pyrene	ug/L	0.98	0.98	UJ
Pyridine	ug/L	3.9	3.9	U
Safrole	ug/L	0.98	0.98	U
TRPH	mg/L	0.25	0.25	U

Table 2: Location 16 Analytical Results

Pesticides/Herbicides/PCBs	Units	16-PRE Results	MDL	Remark
1,2-Dibromo-3-Chloropropane	ug/L	0.01	0.01	U
1,2-Dibromoethane	ug/L	0.01	0.01	U
2,4,5-T	ug/L	0.21	0.21	U
2,4-D	ug/L	0.21	0.21	U
Alachlor	ug/L	0.58	0.58	UJ
Aldrin	ug/L	0.0097	0.0097	U
Alpha-BHC	ug/L	0.0097	0.0097	U
Ametryn	ug/L	0.048	0.048	UJ
Atrazine	ug/L	0.048	0.048	U
Azinphos Methyl	ug/L	0.19	0.19	U
Beta-BHC	ug/L	0.0097	0.0097	U
Bromacil	ug/L	0.19	0.19	UJ
Butylate	ug/L	0.19	0.19	UJ
Chlordane	ug/L	0.19	0.19	U
Chlorpyrifos Ethyl	ug/L	0.048	0.048	U
Chlorpyrifos Methyl	ug/L	0.097	0.097	U
DDD-p,p'	ug/L	0.019	0.019	U
DDE-p,p'	ug/L	0.019	0.019	U
DDT-p,p'	ug/L	0.029	0.029	U
Delta-BHC	ug/L	0.0097	0.0097	U
Diazinon	ug/L	0.048	0.048	U
Dieldrin	ug/L	0.019	0.019	U
Endosulfan I	ug/L	0.019	0.019	U
Endosulfan II	ug/L	0.019	0.019	U
Endosulfan Sulfate	ug/L	0.019	0.019	U
Endrin	ug/L	0.048	0.048	UJ
Endrin Aldehyde	ug/L	0.019	0.019	U
Ethion	ug/L	0.048	0.048	U
Ethoprop	ug/L	0.097	0.097	U

Table 2: Location 16 Analytical Results

Pesticides/Herbicides/PCBs	Units	16-PRE Results	MDL	Remark
Fenamiphos	ug/L	0.19	0.19	U
Fonofos	ug/L	0.097	0.097	U
Gamma-BHC	ug/L	0.0097	0.0097	U
Heptachlor	ug/L	0.0097	0.0097	U
Heptachlor Epoxide	ug/L	0.019	0.019	U
Hexazinone	ug/L	0.097	0.097	UJ
Malathion	ug/L	0.14	0.14	U
Metalaxyl	ug/L	0.24	0.24	UJ
Methoxychlor	ug/L	0.048	0.048	U
Metolachlor	ug/L	0.48	0.48	UJ
Metribuzin	ug/L	0.097	0.097	UJ
Mevinphos	ug/L	0.19	0.19	U
Naled	ug/L	0.77	0.77	U
Norflurazon	ug/L	0.14	0.14	UJ
Parathion Ethyl	ug/L	0.14	0.14	U
Parathion Methyl	ug/L	0.097	0.097	U
PCB-1016	ug/L	0.19	0.19	U
PCB-1221	ug/L	0.19	0.19	U
PCB-1232	ug/L	0.19	0.19	U
PCB-1242	ug/L	0.29	0.29	U
PCB-1248	ug/L	0.19	0.19	U
PCB-1254	ug/L	0.29	0.29	U
PCB-1260	ug/L	0.19	0.19	U
Phorate	ug/L	0.048	0.048	U
Prometryn	ug/L	0.14	0.14	UJ
Silvex	ug/L	0.21	0.21	U
Simazine	ug/L	0.048	0.048	UJ
Toxaphene	ug/L	0.72	0.72	U

Table 2: Location 16 Analytical Results

Metals	Units	16-PRE Results	MDL	Remark
Aluminum	ug/L	60	60	U
Antimony	ug/L	0.25	0.25	U
Arsenic	ug/L	0.25	0.25	U
Barium	ug/L	21.7	0.2	
Beryllium	ug/L	0.025	0.025	U
Boron	ug/L	29	15	I
Cadmium	ug/L	0.03	0.03	U
Calcium	mg/L	97	0.075	
Chromium	ug/L	0.3	0.3	U
Cobalt	ug/L	0.18	0.03	
Copper	ug/L	2.77	0.5	
Iron	ug/L	3.23E+03	30	
Lead	ug/L	1.16	0.2	
Magnesium	mg/L	2.79	0.04	
Manganese	ug/L	21.2	0.75	
Mercury	ug/L	0.12	0.12	U
Molybdenum	ug/L	0.36	0.15	I
Nickel	ug/L	0.25	0.25	U
Potassium	mg/L	0.52	0.3	I
Selenium	ug/L	0.2	0.2	U
Silver	ug/L	0.025	0.025	U
Sodium	mg/L	12.7	0.5	
Strontium	ug/L	385	2	
Thallium	ug/L	0.1	0.1	U
Tin	ug/L	3	3	U
Titanium	ug/L	0.75	0.75	U
Vanadium	ug/L	2	2	U
Zinc	ug/L	5	5	U

Table 2: Location 16 Analytical Results

Radionuclides	Units	16-PRE Results	MDL	Remark
Alpha, Total	pCi/L	2.1		U
Alpha-Counting Error	pCi/L	1.4		
Beta, Total	pCi/L	2.7		
Beta-Counting Error	pCi/L	1.5		
Radium 226	pCi/L	1.6		
Radium 226-Counting Error	pCi/L	0.2		
Radium 228	pCi/L	0.9		
Radium 228-Counting Error	pCi/L	0.6		
Additional Analytes	Units	16-PRE Results	MDL	Remark
1,4-Dioxane	ug/L	0.2	0.2	U
NO2NO3-N	mg N/L	0.004	0.004	U
Perchlorate	ug/L	1.2	1.2	U

0.8 Gray shading indicates analyte was detected above the laboratories method detection limit but at a concentration below any applicable Florida Drinking Water Standard or Groundwater Cleanup Target Level.

256 Yellow shading indicates analyte was detected above the laboratories method detection limit at a concentration exceeding either a Florida Drinking Water Standard or Groundwater Cleanup Target Level.

Location 17

**Table 1: Summary of FDWS/GCTLs Exceedances and Radionuclides in Water Samples Collected Pre- and Post-Treatment from Location 17
February 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation**

Analyte	FDWS/GCTL	17-Pre	17-Post
<i>Exceedances</i>			
Bromodichloromethane	0.6 ug/L (GCTL)	ND	4.0#
Dibromochloromethane	0.4 ug/L (GCTL)	ND	3.0#
Sodium	160 mg/L (FPDWS)	290	524
<i>Radionuclides</i>			
Total Alpha	15pCi/L (FPDWS)	ND	ND
Radium 226/228	5 pCi/L (FPDWS)	1.3	ND
Total Beta	50 pCi/L (FDEPSL)	7.6	ND
No Exceedances for Radionuclides			

FDWS=Florida Drinking Water Standard

GCTL=Ground Water Cleanup Target Level

FPDWS= Florida Primary Drinking Water Standard

FSDWS=Florida Secondary Drinking Water Standard

FDEPSL=FDEP Screening Level

ND=Non Detect

NA=Not Analyzed

Gray Shading= Analyte Detected

Yellow Shading=Exceedance of FDWS/GCTL

ug/L= micrograms per Liter

pCi/L=picocuries per Liter

mg/L=milligrams per Liter

Does not exceed EPAs combined trihalomethanes standard of 80 ug/L

Table 2: Location 17 Analytical Results

Volatile Organic Compounds	Units	17-PRE Results	MDL	Remark	17-POST Results	MDL	Remark
1,1,1-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1,2,2-Tetrachloroethane	ug/L	0.5	0.5	UJ	0.5	0.5	UJ
1,1,2-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
1,2-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
1,2-Dichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,2-Dichloropropane	ug/L	0.5	0.5	U	0.5	0.5	U
1,3-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
1,4-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
Benzene	ug/L	0.2	0.2	U	0.2	0.2	U
Bromodichloromethane	ug/L	0.2	0.2	U	4	0.2	
Bromoform	ug/L	0.5	0.5	U	1.6	0.5	I
Bromomethane	ug/L	0.5	0.5	UJ	0.5	0.5	UJ
Carbon tetrachloride	ug/L	0.2	0.2	U	0.2	0.2	U
Chlorobenzene	ug/L	0.2	0.2	U	0.2	0.2	U
Chloroethane	ug/L	0.5	0.5	U	0.5	0.5	U
Chloroform	ug/L	0.2	0.2	U	3.9	0.2	
Chloromethane	ug/L	0.5	0.5	U	0.5	0.5	U
cis-1,2-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
cis-1,3-Dichloropropene	ug/L	0.5	0.5	U	0.5	0.5	U
Dibromochloromethane	ug/L	0.2	0.2	U	3	0.2	
Ethylbenzene	ug/L	0.5	0.5	U	0.5	0.5	U
m,p-Xylene	ug/L	0.5	0.5	U	0.5	0.5	U
Methylene chloride	ug/L	0.5	0.5	U	0.5	0.5	U
Methyl-t-butyl ether	ug/L	0.5	0.5	U	0.5	0.5	U
o-Xylene	ug/L	0.2	0.2	U	0.2	0.2	U
Tetrachloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
Toluene	ug/L	0.5	0.5	U	0.5	0.5	U
trans-1,2-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U

Table 2: Location 17 Analytical Results

Volatile Organic Compounds	Units	17-PRE Results	MDL	Remark	17-POST Results	MDL	Remark
trans-1,3-Dichloropropene	ug/L	0.2	0.2	U	0.2	0.2	U
Trichloroethene	ug/L	0.2	0.2	U	0.2	0.2	U
Trichlorofluoromethane	ug/L	0.5	0.5	U	0.5	0.5	U
Vinyl chloride	ug/L	0.5	0.5	U	0.5	0.5	U
Semi-Volatile Organic Compounds	Units	17-PRE Results	MDL	Remark	17-POST Results	MDL	Remark
1,2,4,5-Tetrachlorobenzene	ug/L	0.97	0.97	U	0.96	0.96	U
1,2,4-Trichlorobenzene	ug/L	0.97	0.97	U	0.96	0.96	U
1,3,5-Trinitrobenzene	ug/L	3.9	3.9	U	3.8	3.8	U
1,3-Dinitrobenzene	ug/L	1.9	1.9	U	1.9	1.9	U
1,4-Naphthoquinone	ug/L	19	19	UJ	19	19	UJ
1-Methylnaphthalene	ug/L	0.97	0.97	U	0.96	0.96	U
1-Naphthylamine	ug/L	9.7	9.7	U	9.6	9.6	U
2,3,4,6-Tetrachlorophenol	ug/L	1.9	1.9	U	1.9	1.9	U
2,4,5-Trichlorophenol	ug/L	0.97	0.97	U	0.96	0.96	U
2,4,6-Trichlorophenol	ug/L	0.97	0.97	U	0.96	0.96	U
2,4-Dichlorophenol	ug/L	0.97	0.97	U	0.96	0.96	U
2,4-Dimethylphenol	ug/L	9.7	9.7	U	9.6	9.6	U
2,4-Dinitrophenol	ug/L	15	15	U	14	14	U
2,4-Dinitrotoluene	ug/L	0.97	0.97	U	0.96	0.96	U
2,6-Dichlorophenol	ug/L	0.97	0.97	U	0.96	0.96	U
2,6-Dinitrotoluene	ug/L	0.97	0.97	U	0.96	0.96	U
2-Acetylaminofluorene	ug/L	0.97	0.97	U	0.96	0.96	U
2-Butanone	ug/L	5	5	U	5	5	U
2-Chloronaphthalene	ug/L	0.97	0.97	U	0.96	0.96	U
2-Chlorophenol	ug/L	0.97	0.97	U	0.96	0.96	U
2-Methyl-4,6-dinitrophenol	ug/L	2.9	2.9	U	2.9	2.9	U
2-Methylnaphthalene	ug/L	0.97	0.97	U	0.96	0.96	U
2-Naphthylamine	ug/L	9.7	9.7	U	9.6	9.6	U
2-Nitroaniline	ug/L	0.97	0.97	U	0.96	0.96	U

Table 2: Location 17 Analytical Results

Semi-Volatile Organic Compounds	Units	17-PRE Results	MDL	Remark	17-POST Results	MDL	Remark
2-Nitrophenol	ug/L	0.97	0.97	U	0.96	0.96	U
2-Picoline	ug/L	0.97	0.97	U	0.96	0.96	U
3,3'-Dichlorobenzidine	ug/L	39	39	U	38	38	U
3,3'-Dimethylbenzidine	ug/L	19	19	UJ	19	19	UJ
3-Methylcholanthrene	ug/L	0.97	0.97	U	0.96	0.96	U
3-Nitroaniline	ug/L	0.97	0.97	U	0.96	0.96	U
4-Aminobiphenyl	ug/L	3.9	3.9	U	3.8	3.8	U
4-Bromophenyl phenyl ether	ug/L	0.97	0.97	U	0.96	0.96	U
4-Chloro-3-methylphenol	ug/L	0.97	0.97	U	0.96	0.96	U
4-Chloroaniline	ug/L	0.97	0.97	U	0.96	0.96	U
4-Chlorophenyl phenyl ether	ug/L	1.9	1.9	U	1.9	1.9	U
4-Nitroaniline	ug/L	0.97	0.97	UJ	0.96	0.96	UJ
4-Nitrophenol	ug/L	15	15	U	14	14	U
5-Nitro-o-toluidine	ug/L	0.97	0.97	U	0.96	0.96	U
7,12-Dimethylbenz(a)anthracene	ug/L	0.97	0.97	U	0.96	0.96	U
Acenaphthene	ug/L	0.97	0.97	U	0.96	0.96	U
Acenaphthylene	ug/L	0.97	0.97	U	0.96	0.96	U
Acetophenone	ug/L	0.97	0.97	U	0.96	0.96	U
Acifluorfen	ug/L	0.21	0.21	UJ	0.21	0.21	UJ
Aniline	ug/L	0.97	0.97	UJ	0.96	0.96	UJ
Anthracene	ug/L	0.97	0.97	U	0.96	0.96	U
Azobenzene/1,2-Diphenylhydrazine	ug/L	0.97	0.97	U	0.96	0.96	U
Benzidine	ug/L	97	97	U	96	96	U
Benzo(a)anthracene	ug/L	0.97	0.97	U	0.96	0.96	U
Benzo(a)pyrene	ug/L	0.97	0.97	U	0.96	0.96	U
Benzo(b)fluoranthene	ug/L	0.97	0.97	U	0.96	0.96	U
Benzo(g,h,i)perylene	ug/L	0.97	0.97	U	0.96	0.96	U
Benzo(k)fluoranthene	ug/L	0.97	0.97	U	0.96	0.96	U
Benzyl alcohol	ug/L	0.97	0.97	U	0.96	0.96	U
Bis(2-chloroethoxy)methane	ug/L	0.97	0.97	U	0.96	0.96	U

Table 2: Location 17 Analytical Results

Semi-Volatile Organic Compounds	Units	17-PRE Results	MDL	Remark	17-POST Results	MDL	Remark
Bis(2-chloroethyl)ether	ug/L	0.97	0.97	U	0.96	0.96	U
Bis(2-chloroisopropyl)ether	ug/L	2.9	2.9	U	2.9	2.9	U
Bis(2-ethylhexyl)phthalate	ug/L	15	15	U	14	14	U
Butyl benzyl phthalate	ug/L	4.9	4.9	U	4.8	4.8	U
Carbazole	ug/L	0.97	0.97	U	0.96	0.96	U
Chrysene	ug/L	0.97	0.97	U	0.96	0.96	U
Dibenzo(a,h)anthracene	ug/L	0.97	0.97	U	0.96	0.96	U
Dibenzofuran	ug/L	0.97	0.97	U	0.96	0.96	U
Diethyl phthalate	ug/L	0.97	0.97	UJ	0.96	0.96	UJ
Dimethyl phthalate	ug/L	9.7	9.7	UJ	9.6	9.6	UJ
Dimethylaminoazobenzene	ug/L	0.97	0.97	U	0.96	0.96	U
Di-n-butyl phthalate	ug/L	4.9	4.9	UJ	4.8	4.8	UJ
Di-n-octyl phthalate	ug/L	0.97	0.97	U	0.96	0.96	U
Dinoseb	ug/L	3.9	3.9	UJ	3.8	3.8	UJ
Ethyl methanesulfonate	ug/L	0.97	0.97	U	0.96	0.96	U
Fluoranthene	ug/L	0.97	0.97	U	0.96	0.96	U
Fluorene	ug/L	0.97	0.97	U	0.96	0.96	U
Hexachlorobenzene	ug/L	0.97	0.97	U	0.96	0.96	U
Hexachlorobutadiene	ug/L	2.9	2.9	U	2.9	2.9	U
Hexachlorocyclopentadiene	ug/L	2.9	2.9	U	2.9	2.9	U
Hexachloroethane	ug/L	2.9	2.9	U	2.9	2.9	U
Hexachloropropene	ug/L	1.9	1.9	U	1.9	1.9	U
Indeno(1,2,3-cd)pyrene	ug/L	0.97	0.97	U	0.96	0.96	U
Isophorone	ug/L	0.97	0.97	U	0.96	0.96	U
Isosafrole	ug/L	0.97	0.97	UJ	0.96	0.96	UJ
m,p-Cresols	ug/L	1.9	1.9	U	1.9	1.9	U
Methapyrilene	ug/L	3.9	3.9	U	3.8	3.8	U
Methyl methanesulfonate	ug/L	0.97	0.97	UJ	0.96	0.96	UJ
Naphthalene	ug/L	0.97	0.97	U	0.96	0.96	U
Nitrobenzene	ug/L	1.9	1.9	U	1.9	1.9	U

Table 2: Location 17 Analytical Results

Semi-Volatile Organic Compounds	Units	17-PRE Results	MDL	Remark	17-POST Results	MDL	Remark
Nitroquinoline-1-oxide	ug/L	19	19	UJ	19	19	UJ
N-Nitrosodiethylamine	ug/L	0.97	0.97	U	0.96	0.96	U
N-Nitrosodimethylamine	ug/L	1.9	1.9	U	1.9	1.9	U
N-Nitrosodi-n-butylamine	ug/L	0.97	0.97	U	0.96	0.96	U
N-Nitrosodi-n-propylamine	ug/L	1.9	1.9	U	1.9	1.9	U
N-Nitrosodiphenylamine/ Diphenylamine	ug/L	2.9	2.9	U	2.9	2.9	U
N-Nitrosomethylethylamine	ug/L	1.9	1.9	U	1.9	1.9	U
N-Nitrosomorpholine	ug/L	0.97	0.97	U	0.96	0.96	U
N-Nitrosopiperidine	ug/L	0.97	0.97	U	0.96	0.96	U
N-Nitrosopyrrolidine	ug/L	1.9	1.9	U	1.9	1.9	U
o-Cresol	ug/L	1.9	1.9	U	1.9	1.9	U
o-Toluidine	ug/L	0.97	0.97	U	0.96	0.96	U
Pentachlorobenzene	ug/L	0.97	0.97	U	0.96	0.96	U
Pentachloroethane	ug/L	49	49	U	48	48	U
Pentachloronitrobenzene	ug/L	0.97	0.97	U	0.96	0.96	U
Pentachlorophenol	ug/L	2.9	2.9	U	2.9	2.9	U
Phenacetin	ug/L	3.9	3.9	U	3.8	3.8	U
Phenanthrene	ug/L	0.97	0.97	U	0.96	0.96	U
Phenol	ug/L	0.97	0.97	U	0.96	0.96	U
Pyrene	ug/L	0.97	0.97	UJ	0.96	0.96	UJ
Pyridine	ug/L	3.9	3.9	U	3.8	3.8	U
Safrole	ug/L	0.97	0.97	U	0.96	0.96	U
TRPH	mg/L	0.24	0.24	U	0.24	0.24	U
Pesticides/Herbicides/PCBs	Units	17-PRE Results	MDL	Remark	17-POST Results	MDL	Remark
1,2-Dibromo-3-Chloropropane	ug/L	0.01	0.01	U	0.01	0.01	U
1,2-Dibromoethane	ug/L	0.01	0.01	U	0.01	0.01	U
2,4,5-T	ug/L	0.21	0.21	U	0.21	0.21	U
2,4-D	ug/L	0.21	0.21	U	0.21	0.21	U
Alachlor	ug/L	0.59	0.59	UJ	0.58	0.58	UJ

Table 2: Location 17 Analytical Results

Pesticides/Herbicides/PCBs	Units	17-PRE Results	MDL	Remark	17-POST Results	MDL	Remark
Aldrin	ug/L	0.0098	0.0098	U	0.0097	0.0097	U
Alpha-BHC	ug/L	0.0098	0.0098	U	0.0097	0.0097	U
Ametryn	ug/L	0.049	0.049	UJ	0.049	0.049	UJ
Atrazine	ug/L	0.049	0.049	U	0.049	0.049	U
Azinphos Methyl	ug/L	0.2	0.2	U	0.19	0.19	U
Beta-BHC	ug/L	0.022	0.022	U	0.0097	0.0097	U
Bromacil	ug/L	0.2	0.2	UJ	0.19	0.19	UJ
Butylate	ug/L	0.2	0.2	UJ	0.19	0.19	UJ
Chlordane	ug/L	0.2	0.2	U	0.19	0.19	U
Chlorpyrifos Ethyl	ug/L	0.049	0.049	U	0.049	0.049	U
Chlorpyrifos Methyl	ug/L	0.098	0.098	U	0.097	0.097	U
DDD-p,p'	ug/L	0.02	0.02	U	0.019	0.019	U
DDE-p,p'	ug/L	0.02	0.02	U	0.019	0.019	U
DDT-p,p'	ug/L	0.029	0.029	U	0.029	0.029	U
Delta-BHC	ug/L	0.0098	0.0098	U	0.0097	0.0097	U
Diazinon	ug/L	0.049	0.049	U	0.049	0.049	U
Dieldrin	ug/L	0.02	0.02	U	0.019	0.019	U
Endosulfan I	ug/L	0.02	0.02	U	0.019	0.019	U
Endosulfan II	ug/L	0.02	0.02	U	0.019	0.019	U
Endosulfan Sulfate	ug/L	0.02	0.02	U	0.019	0.019	U
Endrin	ug/L	0.049	0.049	UJ	0.049	0.049	UJ
Endrin Aldehyde	ug/L	0.02	0.02	U	0.019	0.019	U
Ethion	ug/L	0.049	0.049	U	0.049	0.049	U
Ethoprop	ug/L	0.098	0.098	U	0.097	0.097	U
Fenamiphos	ug/L	0.2	0.2	U	0.19	0.19	U
Fonofos	ug/L	0.098	0.098	U	0.097	0.097	U
Gamma-BHC	ug/L	0.0098	0.0098	U	0.0097	0.0097	U
Heptachlor	ug/L	0.0098	0.0098	U	0.0097	0.0097	U
Heptachlor Epoxide	ug/L	0.02	0.02	U	0.019	0.019	U
Hexazinone	ug/L	0.098	0.098	UJ	0.097	0.097	UJ

Table 2: Location 17 Analytical Results

Pesticides/Herbicides/PCBs	Units	17-PRE Results	MDL	Remark	17-POST Results	MDL	Remark
Malathion	ug/L	0.15	0.15	U	0.15	0.15	U
Metalaxyl	ug/L	0.24	0.24	UJ	0.24	0.24	UJ
Methoxychlor	ug/L	0.049	0.049	U	0.049	0.049	U
Metolachlor	ug/L	0.49	0.49	UJ	0.49	0.49	UJ
Metribuzin	ug/L	0.098	0.098	UJ	0.097	0.097	UJ
Mevinphos	ug/L	0.2	0.2	U	0.19	0.19	U
Naled	ug/L	0.78	0.78	U	0.78	0.78	U
Norflurazon	ug/L	0.15	0.15	UJ	0.15	0.15	UJ
Parathion Ethyl	ug/L	0.15	0.15	U	0.15	0.15	U
Parathion Methyl	ug/L	0.098	0.098	U	0.097	0.097	U
PCB-1016	ug/L	0.2	0.2	U	0.19	0.19	U
PCB-1221	ug/L	0.2	0.2	U	0.19	0.19	U
PCB-1232	ug/L	0.2	0.2	U	0.19	0.19	U
PCB-1242	ug/L	0.29	0.29	U	0.29	0.29	U
PCB-1248	ug/L	0.2	0.2	U	0.19	0.19	U
PCB-1254	ug/L	0.29	0.29	U	0.29	0.29	U
PCB-1260	ug/L	0.2	0.2	U	0.19	0.19	U
Phorate	ug/L	0.049	0.049	U	0.049	0.049	U
Prometryn	ug/L	0.15	0.15	UJ	0.15	0.15	UJ
Silvex	ug/L	0.21	0.21	U	0.21	0.21	U
Simazine	ug/L	0.049	0.049	UJ	0.049	0.049	UJ
Toxaphene	ug/L	0.73	0.73	U	0.73	0.73	U
Metals	Units	17-PRE Results	MDL	Remark	17-POST Results	MDL	Remark
Aluminum	ug/L	60	60	U	60	60	U
Antimony	ug/L	0.25	0.25	U	0.25	0.25	U
Arsenic	ug/L	0.25	0.25	U	0.25	0.25	U
Barium	ug/L	13.9	0.2		0.65	0.2	I
Beryllium	ug/L	0.025	0.025	U	0.025	0.025	U
Boron	ug/L	243	15		184	15	

Table 2: Location 17 Analytical Results

Metals	Units	17-PRE Results	MDL	Remark	17-POST Results	MDL	Remark
Cadmium	ug/L	0.03	0.03	U	0.03	0.03	U
Calcium	mg/L	141	0.075		3.23	0.075	
Chromium	ug/L	0.46	0.3	I	0.3	0.3	U
Cobalt	ug/L	0.17	0.03		0.076	0.03	I
Copper	ug/L	0.5	0.5	U	69	0.5	
Iron	ug/L	30	30	U	32	30	I
Lead	ug/L	0.2	0.2	U	0.72	0.2	I
Magnesium	mg/L	29.7	0.04		0.24	0.04	
Manganese	ug/L	5	0.75		0.75	0.75	U
Mercury	ug/L	0.12	0.12	U	0.12	0.12	U
Molybdenum	ug/L	0.48	0.15	I	0.26	0.15	I
Nickel	ug/L	0.25	0.25	U	0.25	0.25	U
Potassium	mg/L	7.3	0.3		1.4	0.3	
Selenium	ug/L	0.2	0.2	U	0.2	0.2	U
Silver	ug/L	0.025	0.025	U	0.025	0.025	U
Sodium	mg/L	290	2.5		524	2.5	
Strontium	ug/L	1.76E+03	2		5.9	2	I
Thallium	ug/L	0.1	0.1	U	0.1	0.1	U
Tin	ug/L	3	3	U	3	3	U
Titanium	ug/L	0.75	0.75	U	0.75	0.75	U
Vanadium	ug/L	2	2	U	2	2	U
Zinc	ug/L	5	5	U	5	5	U
Radionuclides	Units	17-PRE Results	MDL	Remark	17-POST Results	MDL	Remark
Alpha, Total	pCi/L	3.6		U	4.3		U
Alpha-Counting Error	pCi/L	2.5			2.5		
Beta, Total	pCi/L	7.6			4.7		U
Beta-Counting Error	pCi/L	2.7			2.8		
Radium 226	pCi/L	1.3			0.2		U
Radium 226-Counting Error	pCi/L	0.2			0.1		

Table 2: Location 17 Analytical Results

Radionuclides	Units	17-PRE Results	MDL	Remark	17-POST Results	MDL	Remark
Radium 228	pCi/L	0.8		U	0.8		U
Radium 228-Counting Error	pCi/L	0.5			0.5		
Additional Analytes	Units	17-PRE Results	MDL	Remark	17-POST Results	MDL	Remark
1,4-Dioxane	ug/L	0.2	0.2	U	0.2	0.2	U
NO2NO3-N	mg N/L	0.004	0.004	U	0.009	0.004	I
Perchlorate	ug/L	1.5	1.5	U	1.5	1.5	U

0.8 Gray shading indicates analyte was detected above the laboratories method detection limit but at a concentration below any applicable Florida Drinking Water Standard or Groundwater Cleanup Target Level.

256 Yellow shading indicates analyte was detected above the laboratories method detection limit at a concentration exceeding either a Florida Drinking Water Standard or Groundwater Cleanup Target Level.

Location 18

Table 1: Summary of FDWS/GCTLs Exceedances and Radionuclides in Water Samples Collected Pre- and Post-Treatment from Location 18
February 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation

Analyte	FDWS/GCTL	18-Pre	18-Post
<i>Exceedances</i>			
Iron	300 ug/L (FSDWS)	980	230
<i>Radionuclides</i>			
Total Alpha	15pCi/L (FPDWS)	2.6	ND
Radium 226/228	5 pCi/L (FPDWS)	0.9	0.4
Total Beta	50 pCi/L (FDEPSL)	3.8	3.3
No Exceedances for Radionuclides			

FDWS=Florida Drinking Water Standard

GCTL=Ground Water Cleanup Target Level

FPDWS= Florida Primary Drinking Water Standard

FSDWS=Florida Secondary Drinking Water Standard

FDEPSL=FDEP Screening Level

ND=Non Detect

NA=Not Analyzed

Gray Shading= Analyte Detected

Yellow Shading=Exceedance of FDWS/GCTL

ug/L= micrograms per Liter

pCi/L=picocuries per Liter

mg/L=milligrams per Liter

Table 2: Location 18 Analytical Results

Volatile Organic Compounds	Units	18-PRE Results	MDL	Remark	18-POST Results	MDL	Remark
1,1,1-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1,2,2-Tetrachloroethane	ug/L	0.5	0.5	UJ	0.5	0.5	UJ
1,1,2-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
1,2-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
1,2-Dichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,2-Dichloropropane	ug/L	0.5	0.5	U	0.5	0.5	U
1,3-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
1,4-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
Benzene	ug/L	0.2	0.2	U	0.2	0.2	U
Bromodichloromethane	ug/L	0.2	0.2	U	0.2	0.2	U
Bromoform	ug/L	0.5	0.5	U	0.5	0.5	U
Bromomethane	ug/L	0.5	0.5	UJ	0.5	0.5	UJ
Carbon tetrachloride	ug/L	0.2	0.2	U	0.2	0.2	U
Chlorobenzene	ug/L	0.2	0.2	U	0.2	0.2	U
Chloroethane	ug/L	0.5	0.5	U	0.5	0.5	U
Chloroform	ug/L	0.2	0.2	U	0.2	0.2	U
Chloromethane	ug/L	0.5	0.5	U	0.5	0.5	U
cis-1,2-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
cis-1,3-Dichloropropene	ug/L	0.5	0.5	U	0.5	0.5	U
Dibromochloromethane	ug/L	0.2	0.2	U	0.2	0.2	U
Ethylbenzene	ug/L	0.5	0.5	U	0.5	0.5	U
m,p-Xylene	ug/L	0.5	0.5	U	0.5	0.5	U
Methylene chloride	ug/L	0.5	0.5	U	0.5	0.5	U
Methyl-t-butyl ether	ug/L	0.5	0.5	U	0.5	0.5	U
o-Xylene	ug/L	0.2	0.2	U	0.2	0.2	U
Tetrachloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
Toluene	ug/L	0.5	0.5	U	0.5	0.5	U

Table 2: Location 18 Analytical Results

Volatile Organic Compounds	Units	18-PRE Results	MDL	Remark	18-POST Results	MDL	Remark
trans-1,2-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
trans-1,3-Dichloropropene	ug/L	0.2	0.2	U	0.2	0.2	U
Trichloroethene	ug/L	0.2	0.2	U	0.2	0.2	U
Trichlorofluoromethane	ug/L	0.5	0.5	U	0.5	0.5	U
Vinyl chloride	ug/L	0.5	0.5	U	0.5	0.5	U
Semi-Volatile Organic Compounds	Units	18-PRE Results	MDL	Remark	18-POST Results	MDL	Remark
1,2,4,5-Tetrachlorobenzene	ug/L	0.98	0.98	U	0.97	0.97	U
1,2,4-Trichlorobenzene	ug/L	0.98	0.98	U	0.97	0.97	U
1,3,5-Trinitrobenzene	ug/L	3.9	3.9	U	3.9	3.9	U
1,3-Dinitrobenzene	ug/L	2	2	U	1.9	1.9	U
1,4-Naphthoquinone	ug/L	20	20	UJ	19	19	UJ
1-Methylnaphthalene	ug/L	0.98	0.98	U	0.97	0.97	U
1-Naphthylamine	ug/L	9.8	9.8	U	9.7	9.7	U
2,3,4,6-Tetrachlorophenol	ug/L	2	2	U	1.9	1.9	U
2,4,5-Trichlorophenol	ug/L	0.98	0.98	U	0.97	0.97	U
2,4,6-Trichlorophenol	ug/L	0.98	0.98	U	0.97	0.97	U
2,4-Dichlorophenol	ug/L	0.98	0.98	U	0.97	0.97	U
2,4-Dimethylphenol	ug/L	9.8	9.8	U	9.7	9.7	U
2,4-Dinitrophenol	ug/L	15	15	U	15	15	U
2,4-Dinitrotoluene	ug/L	0.98	0.98	U	0.97	0.97	U
2,6-Dichlorophenol	ug/L	0.98	0.98	U	0.97	0.97	U
2,6-Dinitrotoluene	ug/L	0.98	0.98	U	0.97	0.97	U
2-Acetylaminofluorene	ug/L	0.98	0.98	U	0.97	0.97	U
2-Butanone	ug/L	5	5	U	5	5	U
2-Chloronaphthalene	ug/L	0.98	0.98	U	0.97	0.97	U
2-Chlorophenol	ug/L	0.98	0.98	U	0.97	0.97	U
2-Methyl-4,6-dinitrophenol	ug/L	2.9	2.9	U	2.9	2.9	U
2-Methylnaphthalene	ug/L	0.98	0.98	U	0.97	0.97	U

Table 2: Location 18 Analytical Results

Semi-Volatile Organic Compounds	Units	18-PRE Results	MDL	Remark	18-POST Results	MDL	Remark
2-Naphthylamine	ug/L	9.8	9.8	U	9.7	9.7	U
2-Nitroaniline	ug/L	0.98	0.98	U	0.97	0.97	U
2-Nitrophenol	ug/L	0.98	0.98	U	0.97	0.97	U
2-Picoline	ug/L	0.98	0.98	U	0.97	0.97	U
3,3'-Dichlorobenzidine	ug/L	39	39	U	39	39	U
3,3'-Dimethylbenzidine	ug/L	20	20	UJ	19	19	UJ
3-Methylcholanthrene	ug/L	0.98	0.98	U	0.97	0.97	U
3-Nitroaniline	ug/L	0.98	0.98	U	0.97	0.97	U
4-Aminobiphenyl	ug/L	3.9	3.9	U	3.9	3.9	U
4-Bromophenyl phenyl ether	ug/L	0.98	0.98	U	0.97	0.97	U
4-Chloro-3-methylphenol	ug/L	0.98	0.98	U	0.97	0.97	U
4-Chloroaniline	ug/L	0.98	0.98	U	0.97	0.97	U
4-Chlorophenyl phenyl ether	ug/L	2	2	U	1.9	1.9	U
4-Nitroaniline	ug/L	0.98	0.98	UJ	0.97	0.97	UJ
4-Nitrophenol	ug/L	15	15	U	15	15	U
5-Nitro-o-toluidine	ug/L	0.98	0.98	U	0.97	0.97	U
7,12-Dimethylbenz(a)anthracene	ug/L	0.98	0.98	U	0.97	0.97	U
Acenaphthene	ug/L	0.98	0.98	U	0.97	0.97	U
Acenaphthylene	ug/L	0.98	0.98	U	0.97	0.97	U
Acetophenone	ug/L	0.98	0.98	U	0.97	0.97	U
Acifluorfen	ug/L	0.2	0.2	UJ	0.22	0.22	UJ
Aniline	ug/L	0.98	0.98	UJ	0.97	0.97	UJ
Anthracene	ug/L	0.98	0.98	U	0.97	0.97	U
Azobenzene/1,2-Diphenylhydrazine	ug/L	0.98	0.98	U	0.97	0.97	U
Benzidine	ug/L	98	98	U	97	97	U
Benzo(a)anthracene	ug/L	0.98	0.98	U	0.97	0.97	U
Benzo(a)pyrene	ug/L	0.98	0.98	U	0.97	0.97	U
Benzo(b)fluoranthene	ug/L	0.98	0.98	U	0.97	0.97	U
Benzo(g,h,i)perylene	ug/L	0.98	0.98	U	0.97	0.97	U

Table 2: Location 18 Analytical Results

Semi-Volatile Organic Compounds	Units	18-PRE Results	MDL	Remark	18-POST Results	MDL	Remark
Benzo(k)fluoranthene	ug/L	0.98	0.98	U	0.97	0.97	U
Benzyl alcohol	ug/L	0.98	0.98	U	0.97	0.97	U
Bis(2-chloroethoxy)methane	ug/L	0.98	0.98	U	0.97	0.97	U
Bis(2-chloroethyl)ether	ug/L	0.98	0.98	U	0.97	0.97	U
Bis(2-chloroisopropyl)ether	ug/L	2.9	2.9	U	2.9	2.9	U
Bis(2-ethylhexyl)phthalate	ug/L	15	15	U	15	15	U
Butyl benzyl phthalate	ug/L	4.9	4.9	U	4.9	4.9	U
Carbazole	ug/L	0.98	0.98	U	0.97	0.97	U
Chrysene	ug/L	0.98	0.98	U	0.97	0.97	U
Dibenzo(a,h)anthracene	ug/L	0.98	0.98	U	0.97	0.97	U
Dibenzofuran	ug/L	0.98	0.98	U	0.97	0.97	U
Diethyl phthalate	ug/L	0.98	0.98	UJ	0.97	0.97	UJ
Dimethyl phthalate	ug/L	9.8	9.8	UJ	9.7	9.7	UJ
Dimethylaminoazobenzene	ug/L	0.98	0.98	U	0.97	0.97	U
Di-n-butyl phthalate	ug/L	4.9	4.9	UJ	4.9	4.9	UJ
Di-n-octyl phthalate	ug/L	0.98	0.98	U	0.97	0.97	U
Dinoseb	ug/L	3.9	3.9	UJ	3.9	3.9	UJ
Ethyl methanesulfonate	ug/L	0.98	0.98	U	0.97	0.97	U
Fluoranthene	ug/L	0.98	0.98	U	0.97	0.97	U
Fluorene	ug/L	0.98	0.98	U	0.97	0.97	U
Hexachlorobenzene	ug/L	0.98	0.98	U	0.97	0.97	U
Hexachlorobutadiene	ug/L	2.9	2.9	U	2.9	2.9	U
Hexachlorocyclopentadiene	ug/L	2.9	2.9	U	2.9	2.9	U
Hexachloroethane	ug/L	2.9	2.9	U	2.9	2.9	U
Hexachloropropene	ug/L	2	2	U	1.9	1.9	U
Indeno(1,2,3-cd)pyrene	ug/L	0.98	0.98	U	0.97	0.97	U
Isophorone	ug/L	0.98	0.98	U	0.97	0.97	U
Isosafrole	ug/L	0.98	0.98	UJ	0.97	0.97	UJ
m,p-Cresols	ug/L	2	2	U	1.9	1.9	U

Table 2: Location 18 Analytical Results

Semi-Volatile Organic Compounds	Units	18-PRE Results	MDL	Remark	18-POST Results	MDL	Remark
Methapyrilene	ug/L	3.9	3.9	U	3.9	3.9	U
Methyl methanesulfonate	ug/L	0.98	0.98	UJ	0.97	0.97	UJ
Naphthalene	ug/L	0.98	0.98	U	0.97	0.97	U
Nitrobenzene	ug/L	2	2	U	1.9	1.9	U
Nitroquinoline-1-oxide	ug/L	20	20	UJ	19	19	UJ
N-Nitrosodiethylamine	ug/L	0.98	0.98	U	0.97	0.97	U
N-Nitrosodimethylamine	ug/L	2	2	U	1.9	1.9	U
N-Nitrosodi-n-butylamine	ug/L	0.98	0.98	U	0.97	0.97	U
N-Nitrosodi-n-propylamine	ug/L	2	2	U	1.9	1.9	U
N-Nitrosodiphenylamine/ Diphenylamine	ug/L	2.9	2.9	U	2.9	2.9	U
N-Nitrosomethylethylamine	ug/L	2	2	U	1.9	1.9	U
N-Nitrosomorpholine	ug/L	0.98	0.98	U	0.97	0.97	U
N-Nitrosopiperidine	ug/L	0.98	0.98	U	0.97	0.97	U
N-Nitrosopyrrolidine	ug/L	2	2	U	1.9	1.9	U
o-Cresol	ug/L	2	2	U	1.9	1.9	U
o-Toluidine	ug/L	0.98	0.98	U	0.97	0.97	U
Pentachlorobenzene	ug/L	0.98	0.98	U	0.97	0.97	U
Pentachloroethane	ug/L	49	49	U	49	49	U
Pentachloronitrobenzene	ug/L	0.98	0.98	U	0.97	0.97	U
Pentachlorophenol	ug/L	2.9	2.9	U	2.9	2.9	U
Phenacetin	ug/L	3.9	3.9	U	3.9	3.9	U
Phenanthrene	ug/L	0.98	0.98	U	0.97	0.97	U
Phenol	ug/L	0.98	0.98	U	0.97	0.97	U
Pyrene	ug/L	0.98	0.98	UJ	0.97	0.97	UJ
Pyridine	ug/L	3.9	3.9	U	3.9	3.9	U
Safrole	ug/L	0.98	0.98	U	0.97	0.97	U
TRPH	mg/L	0.24	0.24	U	0.25	0.25	U

Table 2: Location 18 Analytical Results

Pesticides/Herbicides/PCBs	Units	18-PRE Results	MDL	Remark	18-POST Results	MDL	Remark
1,2-Dibromo-3-Chloropropane	ug/L	0.01	0.01	U	0.01	0.01	U
1,2-Dibromoethane	ug/L	0.01	0.01	U	0.01	0.01	U
2,4,5-T	ug/L	0.2	0.2	U	0.22	0.22	U
2,4-D	ug/L	0.2	0.2	U	0.22	0.22	U
Alachlor	ug/L	0.57	0.57	UJ	0.57	0.57	UJ
Aldrin	ug/L	0.0095	0.0095	U	0.0095	0.0095	U
Alpha-BHC	ug/L	0.0095	0.0095	U	0.0095	0.0095	U
Ametryn	ug/L	0.048	0.048	UJ	0.048	0.048	UJ
Atrazine	ug/L	0.048	0.048	U	0.048	0.048	U
Azinphos Methyl	ug/L	0.19	0.19	U	0.19	0.19	U
Beta-BHC	ug/L	0.0095	0.0095	U	0.0095	0.0095	U
Bromacil	ug/L	0.19	0.19	UJ	0.19	0.19	UJ
Butylate	ug/L	0.19	0.19	UJ	0.19	0.19	UJ
Chlordane	ug/L	0.19	0.19	U	0.19	0.19	U
Chlorpyrifos Ethyl	ug/L	0.048	0.048	U	0.048	0.048	U
Chlorpyrifos Methyl	ug/L	0.095	0.095	U	0.095	0.095	U
DDD-p,p'	ug/L	0.019	0.019	U	0.019	0.019	U
DDE-p,p'	ug/L	0.019	0.019	U	0.019	0.019	U
DDT-p,p'	ug/L	0.029	0.029	U	0.029	0.029	U
Delta-BHC	ug/L	0.0095	0.0095	U	0.0095	0.0095	U
Diazinon	ug/L	0.048	0.048	U	0.048	0.048	U
Dieldrin	ug/L	0.019	0.019	U	0.019	0.019	U
Endosulfan I	ug/L	0.019	0.019	U	0.019	0.019	U
Endosulfan II	ug/L	0.019	0.019	U	0.019	0.019	U
Endosulfan Sulfate	ug/L	0.019	0.019	U	0.019	0.019	U
Endrin	ug/L	0.048	0.048	UJ	0.048	0.048	UJ
Endrin Aldehyde	ug/L	0.019	0.019	U	0.019	0.019	U
Ethion	ug/L	0.048	0.048	U	0.048	0.048	U
Ethoprop	ug/L	0.095	0.095	U	0.095	0.095	U

Table 2: Location 18 Analytical Results

Pesticides/Herbicides/PCBs	Units	18-PRE Results	MDL	Remark	18-POST Results	MDL	Remark
Fenamiphos	ug/L	0.19	0.19	U	0.19	0.19	U
Fonofos	ug/L	0.095	0.095	U	0.095	0.095	U
Gamma-BHC	ug/L	0.0095	0.0095	U	0.0095	0.0095	U
Heptachlor	ug/L	0.0095	0.0095	U	0.0095	0.0095	U
Heptachlor Epoxide	ug/L	0.019	0.019	U	0.019	0.019	U
Hexazinone	ug/L	0.095	0.095	UJ	0.095	0.095	UJ
Malathion	ug/L	0.14	0.14	U	0.14	0.14	U
Metalaxyl	ug/L	0.24	0.24	UJ	0.24	0.24	UJ
Methoxychlor	ug/L	0.048	0.048	U	0.048	0.048	U
Metolachlor	ug/L	0.48	0.48	UJ	0.48	0.48	UJ
Metribuzin	ug/L	0.095	0.095	UJ	0.095	0.095	UJ
Mevinphos	ug/L	0.19	0.19	U	0.19	0.19	U
Naled	ug/L	0.76	0.76	U	0.76	0.76	U
Norflurazon	ug/L	0.14	0.14	UJ	0.14	0.14	UJ
Parathion Ethyl	ug/L	0.14	0.14	U	0.14	0.14	U
Parathion Methyl	ug/L	0.095	0.095	U	0.095	0.095	U
PCB-1016	ug/L	0.19	0.19	U	0.19	0.19	U
PCB-1221	ug/L	0.19	0.19	U	0.19	0.19	U
PCB-1232	ug/L	0.19	0.19	U	0.19	0.19	U
PCB-1242	ug/L	0.29	0.29	U	0.29	0.29	U
PCB-1248	ug/L	0.19	0.19	U	0.19	0.19	U
PCB-1254	ug/L	0.29	0.29	U	0.29	0.29	U
PCB-1260	ug/L	0.19	0.19	U	0.19	0.19	U
Phorate	ug/L	0.048	0.048	U	0.048	0.048	U
Prometryn	ug/L	0.14	0.14	UJ	0.14	0.14	UJ
Silvex	ug/L	0.2	0.2	U	0.22	0.22	U
Simazine	ug/L	0.048	0.048	UJ	0.048	0.048	UJ
Toxaphene	ug/L	0.71	0.71	U	0.71	0.71	U

Table 2: Location 18 Analytical Results

Metals	Units	18-PRE Results	MDL	Remark	18-POST Results	MDL	Remark
Aluminum	ug/L	60	60	U	60	60	U
Antimony	ug/L	0.25	0.25	U	0.25	0.25	U
Arsenic	ug/L	0.33	0.25	I	0.38	0.25	I
Barium	ug/L	36.7	0.2		29.6	0.2	
Beryllium	ug/L	0.025	0.025	U	0.025	0.025	U
Boron	ug/L	113	15		109	15	
Cadmium	ug/L	0.03	0.03	U	0.03	0.03	U
Calcium	mg/L	148	0.075		149	0.075	
Chromium	ug/L	0.3	0.3	U	0.3	0.3	U
Cobalt	ug/L	0.13	0.03		0.084	0.03	I
Copper	ug/L	5.31	0.5		215	1.5	
Iron	ug/L	980	30		230	30	
Lead	ug/L	0.33	0.2	I	0.2	0.2	U
Magnesium	mg/L	19.3	0.04		19.2	0.04	
Manganese	ug/L	11.8	0.75		11.5	0.75	
Mercury	ug/L	0.12	0.12	U	0.12	0.12	U
Molybdenum	ug/L	0.15	0.15	U	0.15	0.15	U
Nickel	ug/L	0.3	0.25	I	0.25	0.25	U
Potassium	mg/L	2.1	0.3		2.1	0.3	
Selenium	ug/L	0.2	0.2	U	0.2	0.2	U
Silver	ug/L	0.025	0.025	U	0.025	0.025	U
Sodium	mg/L	10.7	0.5		10.6	0.5	
Strontium	ug/L	1.02E+03	2		1.02E+03	2	
Thallium	ug/L	0.1	0.1	U	0.1	0.1	U
Tin	ug/L	3	3	U	3	3	U
Titanium	ug/L	0.75	0.75	U	0.75	0.75	U
Vanadium	ug/L	2	2	U	2	2	U
Zinc	ug/L	6.4	5	I	5	5	U

Table 2: Location 18 Analytical Results

Radionuclides	Units	18-PRE Results	MDL	Remark	18-POST Results	MDL	Remark
Alpha, Total	pCi/L	2.6			2.5		U
Alpha-Counting Error	pCi/L	1.7			1.5		
Beta, Total	pCi/L	3.8			3.3		
Beta-Counting Error	pCi/L	1.6			1.5		
Radium 226	pCi/L	0.9			0.4		
Radium 226-Counting Error	pCi/L	0.2			0.1		
Radium 228	pCi/L	0.8		U	1		U
Radium 228-Counting Error	pCi/L	0.5			0.5		
Additional Analytes	Units	18-PRE Results	MDL	Remark	18-POST Results	MDL	Remark
1,4-Dioxane	ug/L	0.2	0.2	U	0.2	0.2	U
NO2NO3-N	mg N/L	0.004	0.004	U	0.004	0.004	U
Perchlorate	ug/L	1.2	1.2	U	1.2	1.2	U

0.8 Gray shading indicates analyte was detected above the laboratories method detection limit but at a concentration below any applicable Florida Drinking Water Standard or Groundwater Cleanup Target Level.

256 Yellow shading indicates analyte was detected above the laboratories method detection limit at a concentration exceeding either a Florida Drinking Water Standard or Groundwater Cleanup Target Level.

Location 19

Table 1: Summary of FDWS/GCTLs Exceedances and Radionuclides in Water Samples Collected Pre- and Post-Treatment from Location 19
February 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation

Analyte	FDWS/GCTL	19-Pre	19-Post
<i>Exceedances</i>			
None			
<i>Radionuclides</i>			
Total Alpha	15pCi/L (FPDWS)	ND	1.4
Radium 226/228	5 pCi/L (FPDWS)	0.5	0.5
Total Beta	50 pCi/L (FDEPSL)	ND	ND
No Exceedances for Radionuclides			

FDWS=Florida Drinking Water Standard

GCTL=Ground Water Cleanup Target Level

FPDWS= Florida Primary Drinking Water Standard

FSDWS=Florida Secondary Drinking Water Standard

FDEPSL=FDEP Screening Level

ND=Non Detect

NA=Not Analyzed

Gray Shading= Analyte Detected

Yellow Shading=Exceedance of FDWS/GCTL

ug/L= micrograms per Liter

pCi/L=picocuries per Liter

mg/L=milligrams per Liter

Table 2: Location 19 Analytical Results

Volatile Organic Compounds	Units	19-PRE Results	MDL	Remark	19-POST Results	MDL	Remark
1,1,1-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1,2,2-Tetrachloroethane	ug/L	0.5	0.5	U	0.5	0.5	UJ
1,1,2-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
1,2-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
1,2-Dichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,2-Dichloropropane	ug/L	0.5	0.5	U	0.5	0.5	U
1,3-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
1,4-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
Benzene	ug/L	0.2	0.2	U	0.2	0.2	U
Bromodichloromethane	ug/L	0.2	0.2	U	0.2	0.2	U
Bromoform	ug/L	0.5	0.5	UJ	0.5	0.5	U
Bromomethane	ug/L	0.5	0.5	UJ	0.5	0.5	UJ
Carbon tetrachloride	ug/L	0.2	0.2	U	0.2	0.2	U
Chlorobenzene	ug/L	0.2	0.2	U	0.2	0.2	U
Chloroethane	ug/L	0.5	0.5	U	0.5	0.5	U
Chloroform	ug/L	0.2	0.2	U	4.6	0.2	
Chloromethane	ug/L	0.5	0.5	UJ	0.5	0.5	U
cis-1,2-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
cis-1,3-Dichloropropene	ug/L	0.5	0.5	U	0.5	0.5	U
Dibromochloromethane	ug/L	0.2	0.2	U	0.2	0.2	U
Ethylbenzene	ug/L	0.5	0.5	U	0.5	0.5	U
m,p-Xylene	ug/L	0.5	0.5	U	0.5	0.5	U
Methylene chloride	ug/L	0.5	0.5	UJ	0.5	0.5	U
Methyl-t-butyl ether	ug/L	0.5	0.5	U	0.5	0.5	U
o-Xylene	ug/L	0.2	0.2	U	0.2	0.2	U
Tetrachloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
Toluene	ug/L	0.5	0.5	U	0.5	0.5	U

Table 2: Location 19 Analytical Results

Volatile Organic Compounds	Units	19-PRE Results	MDL	Remark	19-POST Results	MDL	Remark
trans-1,2-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
trans-1,3-Dichloropropene	ug/L	0.2	0.2	U	0.2	0.2	U
Trichloroethene	ug/L	0.2	0.2	UJ	0.2	0.2	U
Trichlorofluoromethane	ug/L	0.5	0.5	U	0.5	0.5	U
Vinyl chloride	ug/L	0.5	0.5	U	0.5	0.5	U
Semi-Volatile Organic Compounds	Units	19-PRE Results	MDL	Remark	19-POST Results	MDL	Remark
1,2,4,5-Tetrachlorobenzene	ug/L	0.96	0.96	U	0.95	0.95	U
1,2,4-Trichlorobenzene	ug/L	0.96	0.96	U	0.95	0.95	U
1,3,5-Trinitrobenzene	ug/L	3.8	3.8	U	3.8	3.8	U
1,3-Dinitrobenzene	ug/L	1.9	1.9	U	1.9	1.9	U
1,4-Naphthoquinone	ug/L	19	19	UJ	19	19	UJ
1-Methylnaphthalene	ug/L	0.96	0.96	U	0.95	0.95	U
1-Naphthylamine	ug/L	9.6	9.6	UJ	9.5	9.5	U
2,3,4,6-Tetrachlorophenol	ug/L	1.9	1.9	U	1.9	1.9	U
2,4,5-Trichlorophenol	ug/L	0.96	0.96	U	0.95	0.95	U
2,4,6-Trichlorophenol	ug/L	0.96	0.96	U	0.95	0.95	U
2,4-Dichlorophenol	ug/L	0.96	0.96	U	0.95	0.95	U
2,4-Dimethylphenol	ug/L	9.6	9.6	UJ	9.5	9.5	U
2,4-Dinitrophenol	ug/L	14	14	U	14	14	U
2,4-Dinitrotoluene	ug/L	0.96	0.96	U	0.95	0.95	U
2,6-Dichlorophenol	ug/L	0.96	0.96	U	0.95	0.95	U
2,6-Dinitrotoluene	ug/L	0.96	0.96	U	0.95	0.95	U
2-Acetylaminofluorene	ug/L	0.96	0.96	U	0.95	0.95	U
2-Butanone	ug/L	5	5	U	5	5	U
2-Chloronaphthalene	ug/L	0.96	0.96	U	0.95	0.95	U
2-Chlorophenol	ug/L	0.96	0.96	U	0.95	0.95	U
2-Methyl-4,6-dinitrophenol	ug/L	2.9	2.9	U	2.9	2.9	U
2-Methylnaphthalene	ug/L	0.96	0.96	U	0.95	0.95	U

Table 2: Location 19 Analytical Results

Semi-Volatile Organic Compounds	Units	19-PRE Results	MDL	Remark	19-POST Results	MDL	Remark
2-Naphthylamine	ug/L	9.6	9.6	U	9.5	9.5	U
2-Nitroaniline	ug/L	0.96	0.96	U	0.95	0.95	U
2-Nitrophenol	ug/L	0.96	0.96	U	0.95	0.95	U
2-Picoline	ug/L	0.96	0.96	U	0.95	0.95	U
3,3'-Dichlorobenzidine	ug/L	38	38	UJ	38	38	U
3,3'-Dimethylbenzidine	ug/L	19	19	UJ	19	19	UJ
3-Methylcholanthrene	ug/L	0.96	0.96	U	0.95	0.95	U
3-Nitroaniline	ug/L	0.96	0.96	U	0.95	0.95	U
4-Aminobiphenyl	ug/L	3.8	3.8	U	3.8	3.8	U
4-Bromophenyl phenyl ether	ug/L	0.96	0.96	U	0.95	0.95	U
4-Chloro-3-methylphenol	ug/L	0.96	0.96	U	0.95	0.95	U
4-Chloroaniline	ug/L	0.96	0.96	U	0.95	0.95	U
4-Chlorophenyl phenyl ether	ug/L	1.9	1.9	U	1.9	1.9	U
4-Nitroaniline	ug/L	0.96	0.96	UJ	0.95	0.95	UJ
4-Nitrophenol	ug/L	14	14	U	14	14	U
5-Nitro-o-toluidine	ug/L	0.96	0.96	U	0.95	0.95	U
7,12-Dimethylbenz(a)anthracene	ug/L	0.96	0.96	U	0.95	0.95	U
Acenaphthene	ug/L	0.96	0.96	U	0.95	0.95	U
Acenaphthylene	ug/L	0.96	0.96	U	0.95	0.95	U
Acetophenone	ug/L	0.96	0.96	U	0.95	0.95	U
Acifluorfen	ug/L	0.2	0.2	U	0.2	0.2	UJ
Aniline	ug/L	0.96	0.96	U	0.95	0.95	UJ
Anthracene	ug/L	0.96	0.96	U	0.95	0.95	U
Azobenzene/1,2-Diphenylhydrazine	ug/L	0.96	0.96	U	0.95	0.95	U
Benzidine	ug/L	96	96	U	95	95	U
Benzo(a)anthracene	ug/L	0.96	0.96	U	0.95	0.95	U
Benzo(a)pyrene	ug/L	0.96	0.96	U	0.95	0.95	U
Benzo(b)fluoranthene	ug/L	0.96	0.96	U	0.95	0.95	U
Benzo(g,h,i)perylene	ug/L	0.96	0.96	U	0.95	0.95	U

Table 2: Location 19 Analytical Results

Semi-Volatile Organic Compounds	Units	19-PRE Results	MDL	Remark	19-POST Results	MDL	Remark
Benzo(k)fluoranthene	ug/L	0.96	0.96	U	0.95	0.95	U
Benzyl alcohol	ug/L	0.96	0.96	U	0.95	0.95	U
Bis(2-chloroethoxy)methane	ug/L	0.96	0.96	U	0.95	0.95	U
Bis(2-chloroethyl)ether	ug/L	0.96	0.96	U	0.95	0.95	U
Bis(2-chloroisopropyl)ether	ug/L	2.9	2.9	U	2.9	2.9	U
Bis(2-ethylhexyl)phthalate	ug/L	14	14	U	14	14	U
Butyl benzyl phthalate	ug/L	4.8	4.8	U	4.8	4.8	U
Carbazole	ug/L	0.96	0.96	U	0.95	0.95	U
Chrysene	ug/L	0.96	0.96	U	0.95	0.95	U
Dibenzo(a,h)anthracene	ug/L	0.96	0.96	U	0.95	0.95	U
Dibenzofuran	ug/L	0.96	0.96	U	0.95	0.95	U
Diethyl phthalate	ug/L	0.96	0.96	U	0.95	0.95	UJ
Dimethyl phthalate	ug/L	9.6	9.6	U	9.5	9.5	UJ
Dimethylaminoazobenzene	ug/L	0.96	0.96	U	0.95	0.95	U
Di-n-butyl phthalate	ug/L	4.8	4.8	U	4.8	4.8	UJ
Di-n-octyl phthalate	ug/L	0.96	0.96	U	0.95	0.95	U
Dinoseb	ug/L	3.8	3.8	U	3.8	3.8	UJ
Ethyl methanesulfonate	ug/L	0.96	0.96	U	0.95	0.95	U
Fluoranthene	ug/L	0.96	0.96	U	0.95	0.95	U
Fluorene	ug/L	0.96	0.96	U	0.95	0.95	U
Hexachlorobenzene	ug/L	0.96	0.96	U	0.95	0.95	U
Hexachlorobutadiene	ug/L	2.9	2.9	U	2.9	2.9	U
Hexachlorocyclopentadiene	ug/L	2.9	2.9	U	2.9	2.9	U
Hexachloroethane	ug/L	2.9	2.9	U	2.9	2.9	U
Hexachloropropene	ug/L	1.9	1.9	UJ	1.9	1.9	U
Indeno(1,2,3-cd)pyrene	ug/L	0.96	0.96	U	0.95	0.95	U
Isophorone	ug/L	0.96	0.96	U	0.95	0.95	U
Isosafrole	ug/L	0.96	0.96	UJ	0.95	0.95	UJ
m,p-Cresols	ug/L	1.9	1.9	U	1.9	1.9	U

Table 2: Location 19 Analytical Results

Semi-Volatile Organic Compounds	Units	19-PRE Results	MDL	Remark	19-POST Results	MDL	Remark
Methapyrilene	ug/L	3.8	3.8	UJ	3.8	3.8	U
Methyl methanesulfonate	ug/L	0.96	0.96	UJ	0.95	0.95	UJ
Naphthalene	ug/L	0.96	0.96	U	0.95	0.95	U
Nitrobenzene	ug/L	1.9	1.9	U	1.9	1.9	U
Nitroquinoline-1-oxide	ug/L	19	19	U	19	19	UJ
N-Nitrosodiethylamine	ug/L	0.96	0.96	U	0.95	0.95	U
N-Nitrosodimethylamine	ug/L	1.9	1.9	U	1.9	1.9	U
N-Nitrosodi-n-butylamine	ug/L	0.96	0.96	U	0.95	0.95	U
N-Nitrosodi-n-propylamine	ug/L	1.9	1.9	U	1.9	1.9	U
N-Nitrosodiphenylamine/ Diphenylamine	ug/L	2.9	2.9	U	2.9	2.9	U
N-Nitrosomethylethylamine	ug/L	1.9	1.9	U	1.9	1.9	U
N-Nitrosomorpholine	ug/L	0.96	0.96	U	0.95	0.95	U
N-Nitrosopiperidine	ug/L	0.96	0.96	U	0.95	0.95	U
N-Nitrosopyrrolidine	ug/L	1.9	1.9	U	1.9	1.9	U
o-Cresol	ug/L	1.9	1.9	U	1.9	1.9	U
o-Toluidine	ug/L	0.96	0.96	U	0.95	0.95	U
Pentachlorobenzene	ug/L	0.96	0.96	U	0.95	0.95	U
Pentachloroethane	ug/L	48	48	U	48	48	U
Pentachloronitrobenzene	ug/L	0.96	0.96	U	0.95	0.95	U
Pentachlorophenol	ug/L	2.9	2.9	U	2.9	2.9	U
Phenacetin	ug/L	3.8	3.8	U	3.8	3.8	U
Phenanthrene	ug/L	0.96	0.96	U	0.95	0.95	U
Phenol	ug/L	0.96	0.96	U	0.95	0.95	U
Pyrene	ug/L	0.96	0.96	U	0.95	0.95	UJ
Pyridine	ug/L	3.8	3.8	U	3.8	3.8	U
Safrole	ug/L	0.96	0.96	U	0.95	0.95	U
TRPH	mg/L	0.24	0.24	U	0.25	0.25	U

Table 2: Location 19 Analytical Results

Pesticides/Herbicides/PCBs	Units	19-PRE Results	MDL	Remark	19-POST Results	MDL	Remark
1,2-Dibromo-3-Chloropropane	ug/L	0.01	0.01	U	0.01	0.01	U
1,2-Dibromoethane	ug/L	0.01	0.01	U	0.01	0.01	U
2,4,5-T	ug/L	0.2	0.2	U	0.2	0.2	U
2,4-D	ug/L	0.2	0.2	UJ	0.2	0.2	U
Alachlor	ug/L	0.58	0.58	UJ	0.58	0.58	UJ
Aldrin	ug/L	0.0097	0.0097	U	0.0097	0.0097	U
Alpha-BHC	ug/L	0.0097	0.0097	U	0.0097	0.0097	U
Ametryn	ug/L	0.049	0.049	UJ	0.048	0.048	UJ
Atrazine	ug/L	0.049	0.049	U	0.048	0.048	U
Azinphos Methyl	ug/L	0.19	0.19	U	0.19	0.19	U
Beta-BHC	ug/L	0.0097	0.0097	U	0.0097	0.0097	U
Bromacil	ug/L	0.19	0.19	UJ	0.19	0.19	UJ
Butylate	ug/L	0.19	0.19	UJ	0.19	0.19	UJ
Chlordane	ug/L	0.19	0.19	U	0.19	0.19	U
Chlorpyrifos Ethyl	ug/L	0.049	0.049	U	0.048	0.048	U
Chlorpyrifos Methyl	ug/L	0.097	0.097	U	0.097	0.097	U
DDD-p,p'	ug/L	0.019	0.019	U	0.019	0.019	U
DDE-p,p'	ug/L	0.019	0.019	U	0.019	0.019	U
DDT-p,p'	ug/L	0.029	0.029	U	0.029	0.029	U
Delta-BHC	ug/L	0.0097	0.0097	U	0.0097	0.0097	U
Diazinon	ug/L	0.049	0.049	U	0.048	0.048	U
Dieldrin	ug/L	0.019	0.019	U	0.019	0.019	U
Endosulfan I	ug/L	0.019	0.019	U	0.019	0.019	U
Endosulfan II	ug/L	0.019	0.019	U	0.019	0.019	U
Endosulfan Sulfate	ug/L	0.019	0.019	U	0.019	0.019	U
Endrin	ug/L	0.049	0.049	UJ	0.048	0.048	UJ
Endrin Aldehyde	ug/L	0.019	0.019	U	0.019	0.019	U
Ethion	ug/L	0.049	0.049	U	0.048	0.048	U
Ethoprop	ug/L	0.097	0.097	U	0.097	0.097	U

Table 2: Location 19 Analytical Results

Pesticides/Herbicides/PCBs	Units	19-PRE Results	MDL	Remark	19-POST Results	MDL	Remark
Fenamiphos	ug/L	0.19	0.19	U	0.19	0.19	U
Fonofos	ug/L	0.097	0.097	U	0.097	0.097	U
Gamma-BHC	ug/L	0.0097	0.0097	U	0.0097	0.0097	U
Heptachlor	ug/L	0.0097	0.0097	U	0.0097	0.0097	U
Heptachlor Epoxide	ug/L	0.019	0.019	U	0.019	0.019	U
Hexazinone	ug/L	0.097	0.097	UJ	0.097	0.097	UJ
Malathion	ug/L	0.15	0.15	U	0.15	0.15	U
Metalaxyl	ug/L	0.24	0.24	UJ	0.24	0.24	UJ
Methoxychlor	ug/L	0.049	0.049	U	0.048	0.048	U
Metolachlor	ug/L	0.49	0.49	UJ	0.48	0.48	UJ
Metribuzin	ug/L	0.097	0.097	UJ	0.097	0.097	UJ
Mevinphos	ug/L	0.19	0.19	U	0.19	0.19	U
Naled	ug/L	0.78	0.78	U	0.77	0.77	U
Norflurazon	ug/L	0.15	0.15	UJ	0.15	0.15	UJ
Parathion Ethyl	ug/L	0.15	0.15	U	0.15	0.15	U
Parathion Methyl	ug/L	0.097	0.097	U	0.097	0.097	U
PCB-1016	ug/L	0.19	0.19	U	0.19	0.19	U
PCB-1221	ug/L	0.19	0.19	U	0.19	0.19	U
PCB-1232	ug/L	0.19	0.19	U	0.19	0.19	U
PCB-1242	ug/L	0.29	0.29	U	0.29	0.29	U
PCB-1248	ug/L	0.19	0.19	U	0.19	0.19	U
PCB-1254	ug/L	0.29	0.29	U	0.29	0.29	U
PCB-1260	ug/L	0.19	0.19	U	0.19	0.19	U
Phorate	ug/L	0.049	0.049	U	0.048	0.048	U
Prometryn	ug/L	0.15	0.15	UJ	0.15	0.15	UJ
Silvex	ug/L	0.2	0.2	U	0.2	0.2	U
Simazine	ug/L	0.049	0.049	UJ	0.048	0.048	UJ
Toxaphene	ug/L	0.73	0.73	U	0.73	0.73	U

Table 2: Location 19 Analytical Results

Metals	Units	19-PRE Results	MDL	Remark	19-POST Results	MDL	Remark
Aluminum	ug/L	60	60	U	60	60	U
Antimony	ug/L	0.25	0.25	U	0.25	0.25	U
Arsenic	ug/L	0.25	0.25	U	0.25	0.25	U
Barium	ug/L	13.8	0.2		10.7	0.2	
Beryllium	ug/L	0.025	0.025	U	0.025	0.025	U
Boron	ug/L	27	15	I	30	15	I
Cadmium	ug/L	0.03	0.03	U	0.03	0.03	U
Calcium	mg/L	135	0.075		136	0.075	
Chromium	ug/L	0.3	0.3	U	0.3	0.3	U
Cobalt	ug/L	0.081	0.03	I	0.095	0.03	I
Copper	ug/L	3.31	0.5		4.96	0.5	
Iron	ug/L	30	30	U	30	30	U
Lead	ug/L	0.38	0.2	I	0.2	0.2	U
Magnesium	mg/L	3.61	0.04		3.61	0.04	
Manganese	ug/L	3.2	0.75		3.2	0.75	
Mercury	ug/L	0.12	0.12	U	0.12	0.12	U
Molybdenum	ug/L	0.15	0.15	U	0.15	0.15	U
Nickel	ug/L	0.42	0.25	I	0.57	0.25	I
Potassium	mg/L	0.47	0.3	I	0.51	0.3	I
Selenium	ug/L	0.2	0.2	U	0.2	0.2	U
Silver	ug/L	0.025	0.025	U	0.025	0.025	U
Sodium	mg/L	13.8	0.5		14	0.5	
Strontium	ug/L	724	2		704	2	
Thallium	ug/L	0.1	0.1	U	0.1	0.1	U
Tin	ug/L	3	3	U	3	3	U
Titanium	ug/L	0.75	0.75	U	0.75	0.75	U
Vanadium	ug/L	2	2	U	2	2	U
Zinc	ug/L	15	5	I	5	5	U

Table 2: Location 19 Analytical Results

Radionuclides	Units	19-PRE Results	MDL	Remark	19-POST Results	MDL	Remark
Alpha, Total	pCi/L	1.8		U	1.4		
Alpha-Counting Error	pCi/L	1.2			1		
Beta, Total	pCi/L	1.9		U	2.1		U
Beta-Counting Error	pCi/L	1.2			1.2		
Radium 226	pCi/L	0.5			0.5		
Radium 226-Counting Error	pCi/L	0.2			0.2		
Radium 228	pCi/L	0.9		U	0.8		U
Radium 228-Counting Error	pCi/L	0.6			0.5		
Additional Analytes	Units	19-PRE Results	MDL	Remark	19-POST Results	MDL	Remark
1,4-Dioxane	ug/L	0.2	0.2	U	0.2	0.2	U
NO2NO3-N	mg N/L	0.004	0.004	U	0.004	0.004	U
Perchlorate	ug/L				0.6	0.6	U

If cell is blank then that particular component's analysis was not performed

0.8 Gray shading indicates analyte was detected above the laboratories method detection limit but at a concentration below any applicable Florida Drinking Water Standard or Groundwater Cleanup Target Level.

256 Yellow shading indicates analyte was detected above the laboratories method detection limit at a concentration exceeding either a Florida Drinking Water Standard or Groundwater Cleanup Target Level.

Location 20

**Table 1: Summary of FDWS/GCTLs Exceedances and Radionuclides in Water Samples Collected Pre- and Post-Treatment from Location 20
February 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation**

Analyte	FDWS/GCTL	20-Pre	20-Post
<i>Exceedances</i>			
Iron	300 ug/L (FSDWS)	570	ND
Sodium	160 mg/L (FPDWS)	141	434
<i>Radionuclides</i>			
Total Alpha	15pCi/L (FPDWS)	ND	ND
Radium 226/228	5 pCi/L (FPDWS)	2.0	0.3
Total Beta	50 pCi/L (FDEPSL)	4.6	ND
No Exceedances for Radionuclides			

FDWS=Florida Drinking Water Standard

GCTL=Ground Water Cleanup Target Level

FPDWS= Florida Primary Drinking Water Standard

FSDWS=Florida Secondary Drinking Water Standard

FDEPSL=FDEP Screening Level

ND=Non Detect

NA=Not Analyzed

Gray Shading= Analyte Detected

Yellow Shading=Exceedance of FDWS/GCTL

ug/L= micrograms per Liter

pCi/L=picocuries per Liter

mg/L=milligrams per Liter

Table 2: Location 20 Analytical Results

Volatile Organic Compounds	Units	20-PRE Results	MDL	Remark	20-POST Results	MDL	Remark
1,1,1-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1,2,2-Tetrachloroethane	ug/L	0.5	0.5	UJ	0.5	0.5	UJ
1,1,2-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
1,2-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
1,2-Dichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,2-Dichloropropane	ug/L	0.5	0.5	U	0.5	0.5	U
1,3-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
1,4-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
Benzene	ug/L	0.2	0.2	U	0.2	0.2	U
Bromodichloromethane	ug/L	0.2	0.2	U	0.2	0.2	U
Bromoform	ug/L	0.5	0.5	U	0.5	0.5	U
Bromomethane	ug/L	0.5	0.5	UJ	0.5	0.5	UJ
Carbon tetrachloride	ug/L	0.2	0.2	U	0.2	0.2	U
Chlorobenzene	ug/L	0.2	0.2	U	0.2	0.2	U
Chloroethane	ug/L	0.5	0.5	U	0.5	0.5	U
Chloroform	ug/L	0.2	0.2	U	0.2	0.2	U
Chloromethane	ug/L	0.5	0.5	U	0.5	0.5	U
cis-1,2-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
cis-1,3-Dichloropropene	ug/L	0.5	0.5	U	0.5	0.5	U
Dibromochloromethane	ug/L	0.2	0.2	U	0.2	0.2	U
Ethylbenzene	ug/L	0.5	0.5	U	0.5	0.5	U
m,p-Xylene	ug/L	0.5	0.5	U	0.5	0.5	U
Methylene chloride	ug/L	0.5	0.5	U	0.5	0.5	U
Methyl-t-butyl ether	ug/L	0.5	0.5	U	0.5	0.5	U
o-Xylene	ug/L	0.2	0.2	U	0.2	0.2	U
Tetrachloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
Toluene	ug/L	0.5	0.5	U	0.5	0.5	U

Table 2: Location 20 Analytical Results

Volatile Organic Compounds	Units	20-PRE Results	MDL	Remark	20-POST Results	MDL	Remark
trans-1,2-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
trans-1,3-Dichloropropene	ug/L	0.2	0.2	U	0.2	0.2	U
Trichloroethene	ug/L	0.2	0.2	U	0.2	0.2	U
Trichlorofluoromethane	ug/L	0.5	0.5	U	0.5	0.5	U
Vinyl chloride	ug/L	0.5	0.5	U	0.5	0.5	U
Semi-Volatile Organic Compounds	Units	20-PRE Results	MDL	Remark	20-POST Results	MDL	Remark
1,2,4,5-Tetrachlorobenzene	ug/L	0.97	0.97	U	0.97	0.97	U
1,2,4-Trichlorobenzene	ug/L	0.97	0.97	U	0.97	0.97	U
1,3,5-Trinitrobenzene	ug/L	3.9	3.9	U	3.9	3.9	U
1,3-Dinitrobenzene	ug/L	1.9	1.9	U	1.9	1.9	U
1,4-Naphthoquinone	ug/L	19	19	UJ	19	19	UJ
1-Methylnaphthalene	ug/L	0.97	0.97	U	0.97	0.97	U
1-Naphthylamine	ug/L	9.7	9.7	U	9.7	9.7	U
2,3,4,6-Tetrachlorophenol	ug/L	1.9	1.9	U	1.9	1.9	U
2,4,5-Trichlorophenol	ug/L	0.97	0.97	U	0.97	0.97	U
2,4,6-Trichlorophenol	ug/L	0.97	0.97	U	0.97	0.97	U
2,4-Dichlorophenol	ug/L	0.97	0.97	U	0.97	0.97	U
2,4-Dimethylphenol	ug/L	9.7	9.7	U	9.7	9.7	U
2,4-Dinitrophenol	ug/L	15	15	U	15	15	U
2,4-Dinitrotoluene	ug/L	0.97	0.97	U	0.97	0.97	U
2,6-Dichlorophenol	ug/L	0.97	0.97	U	0.97	0.97	U
2,6-Dinitrotoluene	ug/L	0.97	0.97	U	0.97	0.97	U
2-Acetylaminofluorene	ug/L	0.97	0.97	U	0.97	0.97	U
2-Butanone	ug/L	5	5	U	5	5	U
2-Chloronaphthalene	ug/L	0.97	0.97	U	0.97	0.97	U
2-Chlorophenol	ug/L	0.97	0.97	U	0.97	0.97	U
2-Methyl-4,6-dinitrophenol	ug/L	2.9	2.9	U	2.9	2.9	U
2-Methylnaphthalene	ug/L	0.97	0.97	U	0.97	0.97	U

Table 2: Location 20 Analytical Results

Semi-Volatile Organic Compounds	Units	20-PRE Results	MDL	Remark	20-POST Results	MDL	Remark
2-Naphthylamine	ug/L	9.7	9.7	U	9.7	9.7	U
2-Nitroaniline	ug/L	0.97	0.97	U	0.97	0.97	U
2-Nitrophenol	ug/L	0.97	0.97	U	0.97	0.97	U
2-Picoline	ug/L	0.97	0.97	U	0.97	0.97	U
3,3'-Dichlorobenzidine	ug/L	39	39	U	39	39	U
3,3'-Dimethylbenzidine	ug/L	19	19	UJ	19	19	UJ
3-Methylcholanthrene	ug/L	0.97	0.97	U	0.97	0.97	U
3-Nitroaniline	ug/L	0.97	0.97	U	0.97	0.97	U
4-Aminobiphenyl	ug/L	3.9	3.9	U	3.9	3.9	U
4-Bromophenyl phenyl ether	ug/L	0.97	0.97	U	0.97	0.97	U
4-Chloro-3-methylphenol	ug/L	0.97	0.97	U	0.97	0.97	U
4-Chloroaniline	ug/L	0.97	0.97	U	0.97	0.97	U
4-Chlorophenyl phenyl ether	ug/L	1.9	1.9	U	1.9	1.9	U
4-Nitroaniline	ug/L	0.97	0.97	UJ	0.97	0.97	UJ
4-Nitrophenol	ug/L	15	15	U	15	15	U
5-Nitro-o-toluidine	ug/L	0.97	0.97	U	0.97	0.97	U
7,12-Dimethylbenz(a)anthracene	ug/L	0.97	0.97	U	0.97	0.97	U
Acenaphthene	ug/L	0.97	0.97	U	0.97	0.97	U
Acenaphthylene	ug/L	0.97	0.97	U	0.97	0.97	U
Acetophenone	ug/L	0.97	0.97	U	0.97	0.97	U
Acifluorfen	ug/L	0.21	0.21	UJ	0.2	0.2	UJ
Aniline	ug/L	0.97	0.97	UJ	0.97	0.97	UJ
Anthracene	ug/L	0.97	0.97	U	0.97	0.97	U
Azobenzene/1,2-Diphenylhydrazine	ug/L	0.97	0.97	U	0.97	0.97	U
Benzidine	ug/L	97	97	U	97	97	U
Benzo(a)anthracene	ug/L	0.97	0.97	U	0.97	0.97	U
Benzo(a)pyrene	ug/L	0.97	0.97	U	0.97	0.97	U
Benzo(b)fluoranthene	ug/L	0.97	0.97	U	0.97	0.97	U
Benzo(g,h,i)perylene	ug/L	0.97	0.97	U	0.97	0.97	U

Table 2: Location 20 Analytical Results

Semi-Volatile Organic Compounds	Units	20-PRE Results	MDL	Remark	20-POST Results	MDL	Remark
Benzo(k)fluoranthene	ug/L	0.97	0.97	U	0.97	0.97	U
Benzyl alcohol	ug/L	0.97	0.97	U	0.97	0.97	U
Bis(2-chloroethoxy)methane	ug/L	0.97	0.97	U	0.97	0.97	U
Bis(2-chloroethyl)ether	ug/L	0.97	0.97	U	0.97	0.97	U
Bis(2-chloroisopropyl)ether	ug/L	2.9	2.9	U	2.9	2.9	U
Bis(2-ethylhexyl)phthalate	ug/L	15	15	U	15	15	U
Butyl benzyl phthalate	ug/L	4.8	4.8	U	4.8	4.8	U
Carbazole	ug/L	0.97	0.97	U	0.97	0.97	U
Chrysene	ug/L	0.97	0.97	U	0.97	0.97	U
Dibenzo(a,h)anthracene	ug/L	0.97	0.97	U	0.97	0.97	U
Dibenzofuran	ug/L	0.97	0.97	U	0.97	0.97	U
Diethyl phthalate	ug/L	0.97	0.97	UJ	0.97	0.97	UJ
Dimethyl phthalate	ug/L	9.7	9.7	UJ	9.7	9.7	UJ
Dimethylaminoazobenzene	ug/L	0.97	0.97	U	0.97	0.97	U
Di-n-butyl phthalate	ug/L	4.8	4.8	UJ	4.8	4.8	UJ
Di-n-octyl phthalate	ug/L	0.97	0.97	U	0.97	0.97	U
Dinoseb	ug/L	3.9	3.9	UJ	3.9	3.9	UJ
Ethyl methanesulfonate	ug/L	0.97	0.97	U	0.97	0.97	U
Fluoranthene	ug/L	0.97	0.97	U	0.97	0.97	U
Fluorene	ug/L	0.97	0.97	U	0.97	0.97	U
Hexachlorobenzene	ug/L	0.97	0.97	U	0.97	0.97	U
Hexachlorobutadiene	ug/L	2.9	2.9	U	2.9	2.9	U
Hexachlorocyclopentadiene	ug/L	2.9	2.9	U	2.9	2.9	U
Hexachloroethane	ug/L	2.9	2.9	U	2.9	2.9	U
Hexachloropropene	ug/L	1.9	1.9	U	1.9	1.9	U
Indeno(1,2,3-cd)pyrene	ug/L	0.97	0.97	U	0.97	0.97	U
Isophorone	ug/L	0.97	0.97	U	0.97	0.97	U
Isosafrole	ug/L	0.97	0.97	UJ	0.97	0.97	UJ
m,p-Cresols	ug/L	1.9	1.9	U	1.9	1.9	U

Table 2: Location 20 Analytical Results

Semi-Volatile Organic Compounds	Units	20-PRE Results	MDL	Remark	20-POST Results	MDL	Remark
Methapyrilene	ug/L	3.9	3.9	U	3.9	3.9	U
Methyl methanesulfonate	ug/L	0.97	0.97	UJ	0.97	0.97	UJ
Naphthalene	ug/L	0.97	0.97	U	0.97	0.97	U
Nitrobenzene	ug/L	1.9	1.9	U	1.9	1.9	U
Nitroquinoline-1-oxide	ug/L	19	19	UJ	19	19	UJ
N-Nitrosodiethylamine	ug/L	0.97	0.97	U	0.97	0.97	U
N-Nitrosodimethylamine	ug/L	1.9	1.9	U	1.9	1.9	U
N-Nitrosodi-n-butylamine	ug/L	0.97	0.97	U	0.97	0.97	U
N-Nitrosodi-n-propylamine	ug/L	1.9	1.9	U	1.9	1.9	U
N-Nitrosodiphenylamine/ Diphenylamine	ug/L	2.9	2.9	U	2.9	2.9	U
N-Nitrosomethylethylamine	ug/L	1.9	1.9	U	1.9	1.9	U
N-Nitrosomorpholine	ug/L	0.97	0.97	U	0.97	0.97	U
N-Nitrosopiperidine	ug/L	0.97	0.97	U	0.97	0.97	U
N-Nitrosopyrrolidine	ug/L	1.9	1.9	U	1.9	1.9	U
o-Cresol	ug/L	1.9	1.9	U	1.9	1.9	U
o-Toluidine	ug/L	0.97	0.97	U	0.97	0.97	U
Pentachlorobenzene	ug/L	0.97	0.97	U	0.97	0.97	U
Pentachloroethane	ug/L	48	48	U	48	48	U
Pentachloronitrobenzene	ug/L	0.97	0.97	U	0.97	0.97	U
Pentachlorophenol	ug/L	2.9	2.9	U	2.9	2.9	U
Phenacetin	ug/L	3.9	3.9	U	3.9	3.9	U
Phenanthrene	ug/L	0.97	0.97	U	0.97	0.97	U
Phenol	ug/L	0.97	0.97	U	0.97	0.97	U
Pyrene	ug/L	0.97	0.97	UJ	0.97	0.97	UJ
Pyridine	ug/L	3.9	3.9	U	3.9	3.9	U
Safrole	ug/L	0.97	0.97	U	0.97	0.97	U
TRPH	mg/L	0.24	0.24	U	0.24	0.24	U

Table 2: Location 20 Analytical Results

Pesticides/Herbicides/PCBs	Units	20-PRE Results	MDL	Remark	20-POST Results	MDL	Remark
1,2-Dibromo-3-Chloropropane	ug/L	0.01	0.01	U	0.01	0.01	U
1,2-Dibromoethane	ug/L	0.01	0.01	U	0.01	0.01	U
2,4,5-T	ug/L	0.21	0.21	U	0.2	0.2	U
2,4-D	ug/L	0.21	0.21	U	0.2	0.2	U
Alachlor	ug/L	0.58	0.58	UJ	0.59	0.59	UJ
Aldrin	ug/L	0.0097	0.0097	U	0.0098	0.0098	U
Alpha-BHC	ug/L	0.0097	0.0097	U	0.0098	0.0098	U
Ametryn	ug/L	0.049	0.049	UJ	0.049	0.049	UJ
Atrazine	ug/L	0.049	0.049	U	0.049	0.049	U
Azinphos Methyl	ug/L	0.19	0.19	U	0.2	0.2	U
Beta-BHC	ug/L	0.0097	0.0097	U	0.0098	0.0098	U
Bromacil	ug/L	0.19	0.19	UJ	0.2	0.2	UJ
Butylate	ug/L	0.19	0.19	UJ	0.2	0.2	UJ
Chlordane	ug/L	0.19	0.19	U	0.2	0.2	U
Chlorpyrifos Ethyl	ug/L	0.049	0.049	U	0.049	0.049	U
Chlorpyrifos Methyl	ug/L	0.097	0.097	U	0.098	0.098	U
DDD-p,p'	ug/L	0.019	0.019	U	0.02	0.02	U
DDE-p,p'	ug/L	0.019	0.019	U	0.02	0.02	U
DDT-p,p'	ug/L	0.029	0.029	U	0.029	0.029	U
Delta-BHC	ug/L	0.0097	0.0097	U	0.0098	0.0098	U
Diazinon	ug/L	0.049	0.049	U	0.049	0.049	U
Dieldrin	ug/L	0.019	0.019	U	0.02	0.02	U
Endosulfan I	ug/L	0.019	0.019	U	0.02	0.02	U
Endosulfan II	ug/L	0.019	0.019	U	0.02	0.02	U
Endosulfan Sulfate	ug/L	0.019	0.019	U	0.02	0.02	U
Endrin	ug/L	0.049	0.049	UJ	0.049	0.049	UJ
Endrin Aldehyde	ug/L	0.019	0.019	U	0.02	0.02	U
Ethion	ug/L	0.049	0.049	U	0.049	0.049	U
Ethoprop	ug/L	0.097	0.097	U	0.098	0.098	U

Table 2: Location 20 Analytical Results

Pesticides/Herbicides/PCBs	Units	20-PRE Results	MDL	Remark	20-POST Results	MDL	Remark
Fenamiphos	ug/L	0.19	0.19	U	0.2	0.2	U
Fonofos	ug/L	0.097	0.097	U	0.098	0.098	U
Gamma-BHC	ug/L	0.0097	0.0097	U	0.0098	0.0098	U
Heptachlor	ug/L	0.0097	0.0097	U	0.0098	0.0098	U
Heptachlor Epoxide	ug/L	0.019	0.019	U	0.02	0.02	U
Hexazinone	ug/L	0.097	0.097	UJ	0.098	0.098	UJ
Malathion	ug/L	0.15	0.15	U	0.15	0.15	U
Metalaxyl	ug/L	0.24	0.24	UJ	0.25	0.25	UJ
Methoxychlor	ug/L	0.049	0.049	U	0.049	0.049	U
Metolachlor	ug/L	0.49	0.49	UJ	0.49	0.49	UJ
Metribuzin	ug/L	0.097	0.097	UJ	0.098	0.098	UJ
Mevinphos	ug/L	0.19	0.19	U	0.2	0.2	U
Naled	ug/L	0.78	0.78	U	0.79	0.79	U
Norflurazon	ug/L	0.15	0.15	UJ	0.15	0.15	UJ
Parathion Ethyl	ug/L	0.15	0.15	U	0.15	0.15	U
Parathion Methyl	ug/L	0.097	0.097	U	0.098	0.098	U
PCB-1016	ug/L	0.19	0.19	U	0.2	0.2	U
PCB-1221	ug/L	0.19	0.19	U	0.2	0.2	U
PCB-1232	ug/L	0.19	0.19	U	0.2	0.2	U
PCB-1242	ug/L	0.29	0.29	U	0.29	0.29	U
PCB-1248	ug/L	0.19	0.19	U	0.2	0.2	U
PCB-1254	ug/L	0.29	0.29	U	0.29	0.29	U
PCB-1260	ug/L	0.19	0.19	U	0.2	0.2	U
Phorate	ug/L	0.049	0.049	U	0.049	0.049	U
Prometryn	ug/L	0.15	0.15	UJ	0.15	0.15	UJ
Silvex	ug/L	0.21	0.21	U	0.2	0.2	U
Simazine	ug/L	0.049	0.049	UJ	0.049	0.049	UJ
Toxaphene	ug/L	0.73	0.73	U	0.74	0.74	U

Table 2: Location 20 Analytical Results

Metals	Units	20-PRE Results	MDL	Remark	20-POST Results	MDL	Remark
Aluminum	ug/L	60	60	U	60	60	U
Antimony	ug/L	0.25	0.25	U	0.25	0.25	U
Arsenic	ug/L	0.25	0.25	U	0.25	0.25	U
Barium	ug/L	51.9	0.2		0.29	0.2	I
Beryllium	ug/L	0.025	0.025	U	0.025	0.025	U
Boron	ug/L	83	15		83	15	AY
Cadmium	ug/L	0.03	0.03	U	0.03	0.03	U
Calcium	mg/L	188	0.075		0.75	0.075	A
Chromium	ug/L	0.3	0.3	U	0.3	0.3	U
Cobalt	ug/L	0.11	0.03	I	0.03	0.03	U
Copper	ug/L	3.03	0.5		3.42	0.5	A
Iron	ug/L	570	30		30	30	U
Lead	ug/L	0.2	0.2	U	0.2	0.2	U
Magnesium	mg/L	27.9	0.04		0.11	0.04	I
Manganese	ug/L	6.9	0.75		12.6	0.75	A
Mercury	ug/L	0.12	0.12	U	0.12	0.12	U
Molybdenum	ug/L	0.21	0.15	I	0.15	0.15	U
Nickel	ug/L	0.3	0.25	I	0.25	0.25	U
Potassium	mg/L	1.6	0.3		0.38	0.3	I
Selenium	ug/L	0.2	0.2	U	0.2	0.2	U
Silver	ug/L	0.025	0.025	U	0.025	0.025	U
Sodium	mg/L	141	0.5		434	2.5	A
Strontium	ug/L	2.15E+03	2		8	2	A
Thallium	ug/L	0.1	0.1	U	0.1	0.1	U
Tin	ug/L	3	3	U	3	3	U
Titanium	ug/L	0.75	0.75	U	0.75	0.75	U
Vanadium	ug/L	2	2	U	2	2	U
Zinc	ug/L	5	5	U	5	5	U

Table 2: Location 20 Analytical Results

Radionuclides	Units	20-PRE Results	MDL	Remark	20-POST Results	MDL	Remark
Alpha, Total	pCi/L	3.8		U	3.2		U
Alpha-Counting Error	pCi/L	2.4			1.8		
Beta, Total	pCi/L	4.6			3.2		U
Beta-Counting Error	pCi/L	2.6			1.9		
Radium 226	pCi/L	2			0.3		
Radium 226-Counting Error	pCi/L	0.3			0.1		
Radium 228	pCi/L	0.9		U	0.8		U
Radium 228-Counting Error	pCi/L	0.6			0.5		
Additional Analytes	Units	20-PRE Results	MDL	Remark	20-POST Results	MDL	Remark
1,4-Dioxane	ug/L	0.2	0.2	U	0.2	0.2	U
NO2NO3-N	mg N/L	0.008	0.004	I		4	O
Perchlorate	ug/L	1.2	1.2	U	1.2	1.2	U

0.8 Gray shading indicates analyte was detected above the laboratories method detection limit but at a concentration below any applicable Florida Drinking Water Standard or Groundwater Cleanup Target Level.

256 Yellow shading indicates analyte was detected above the laboratories method detection limit at a concentration exceeding either a Florida Drinking Water Standard or Groundwater Cleanup Target Level.

Location 21

**Table 1: Summary of FDWS/GCTLs Exceedances and Radionuclides in Water Samples Collected Pre- and Post-Treatment from Location 21
February 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation**

Analyte	FDWS/GCTL	21-Pre	21-Post
<i>Exceedances</i>			
Iron	300 ug/L (FSDWS)	12,000	ND
Manganese	50 ug/L (FSDWS)	64.8	ND
Sodium	160 mg/L (FPDWS)	22.5	180
Total Alpha	15pCi/L (FPDWS)	22.0	ND
Radium 226/228	5 pCi/L (FPDWS)	11.0	ND
<i>Radionuclides</i>			
Total Beta	50 pCi/L (FDEPSL)	7.1	ND
No Exceedances for Total Beta			

FDWS=Florida Drinking Water Standard

GCTL=Ground Water Cleanup Target Level

FPDWS= Florida Primary Drinking Water Standard

FSDWS=Florida Secondary Drinking Water Standard

FDEPSL=FDEP Screening Level

ND=Non Detect

NA=Not Analyzed

Gray Shading= Analyte Detected

Yellow Shading=Exceedance of FDWS/GCTL

ug/L= micrograms per Liter

pCi/L=picocuries per Liter

mg/L=milligrams per Liter

Table 2: Location 21 Analytical Results

Volatile Organic Compounds	Units	21-PRE Results	MDL	Remark	21-POST Results	MDL	Remark
1,1,1-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1,2,2-Tetrachloroethane	ug/L	0.5	0.5	UJ	0.5	0.5	U
1,1,2-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
1,2-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
1,2-Dichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,2-Dichloropropane	ug/L	0.5	0.5	U	0.5	0.5	U
1,3-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
1,4-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
Benzene	ug/L	0.2	0.2	U	0.2	0.2	U
Bromodichloromethane	ug/L	0.2	0.2	U	0.2	0.2	U
Bromoform	ug/L	0.5	0.5	U	0.5	0.5	UJ
Bromomethane	ug/L	0.5	0.5	UJ	0.5	0.5	UJ
Carbon tetrachloride	ug/L	0.2	0.2	U	0.2	0.2	U
Chlorobenzene	ug/L	0.2	0.2	U	0.2	0.2	U
Chloroethane	ug/L	0.5	0.5	U	0.5	0.5	U
Chloroform	ug/L	0.2	0.2	U	0.2	0.2	U
Chloromethane	ug/L	0.5	0.5	U	0.5	0.5	UJ
cis-1,2-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
cis-1,3-Dichloropropene	ug/L	0.5	0.5	U	0.5	0.5	U
Dibromochloromethane	ug/L	0.2	0.2	U	0.2	0.2	U
Ethylbenzene	ug/L	0.5	0.5	U	0.5	0.5	U
m,p-Xylene	ug/L	0.5	0.5	U	0.5	0.5	U
Methylene chloride	ug/L	0.5	0.5	U	0.5	0.5	UJ
Methyl-t-butyl ether	ug/L	0.5	0.5	U	0.5	0.5	U
o-Xylene	ug/L	0.2	0.2	U	0.2	0.2	U
Tetrachloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
Toluene	ug/L	0.5	0.5	U	0.5	0.5	U

Table 2: Location 21 Analytical Results

Volatile Organic Compounds	Units	21-PRE Results	MDL	Remark	21-POST Results	MDL	Remark
trans-1,2-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
trans-1,3-Dichloropropene	ug/L	0.2	0.2	U	0.2	0.2	U
Trichloroethene	ug/L	0.2	0.2	U	0.2	0.2	UJ
Trichlorofluoromethane	ug/L	0.5	0.5	U	0.5	0.5	U
Vinyl chloride	ug/L	0.5	0.5	U	0.5	0.5	U
Semi-Volatile Organic Compounds	Units	21-PRE Results	MDL	Remark	21-POST Results	MDL	Remark
1,2,4,5-Tetrachlorobenzene	ug/L	0.96	0.96	U	0.98	0.98	U
1,2,4-Trichlorobenzene	ug/L	0.96	0.96	U	0.98	0.98	U
1,3,5-Trinitrobenzene	ug/L	3.9	3.9	U	3.9	3.9	U
1,3-Dinitrobenzene	ug/L	1.9	1.9	U	2	2	U
1,4-Naphthoquinone	ug/L	19	19	UJ	20	20	UJ
1-Methylnaphthalene	ug/L	0.96	0.96	U	0.98	0.98	U
1-Naphthylamine	ug/L	9.6	9.6	U	9.8	9.8	UJ
2,3,4,6-Tetrachlorophenol	ug/L	1.9	1.9	U	2	2	U
2,4,5-Trichlorophenol	ug/L	0.96	0.96	U	0.98	0.98	U
2,4,6-Trichlorophenol	ug/L	0.96	0.96	U	0.98	0.98	U
2,4-Dichlorophenol	ug/L	0.96	0.96	U	0.98	0.98	U
2,4-Dimethylphenol	ug/L	9.6	9.6	U	9.8	9.8	UJ
2,4-Dinitrophenol	ug/L	14	14	U	15	15	U
2,4-Dinitrotoluene	ug/L	0.96	0.96	U	0.98	0.98	U
2,6-Dichlorophenol	ug/L	0.96	0.96	U	0.98	0.98	U
2,6-Dinitrotoluene	ug/L	0.96	0.96	U	0.98	0.98	U
2-Acetylaminofluorene	ug/L	0.96	0.96	U	0.98	0.98	U
2-Butanone	ug/L	5	5	U	5	5	U
2-Chloronaphthalene	ug/L	0.96	0.96	U	0.98	0.98	U
2-Chlorophenol	ug/L	0.96	0.96	U	0.98	0.98	U
2-Methyl-4,6-dinitrophenol	ug/L	2.9	2.9	U	2.9	2.9	U
2-Methylnaphthalene	ug/L	0.96	0.96	U	0.98	0.98	U

Table 2: Location 21 Analytical Results

Semi-Volatile Organic Compounds	Units	21-PRE Results	MDL	Remark	21-POST Results	MDL	Remark
2-Naphthylamine	ug/L	9.6	9.6	U	9.8	9.8	U
2-Nitroaniline	ug/L	0.96	0.96	U	0.98	0.98	U
2-Nitrophenol	ug/L	0.96	0.96	U	0.98	0.98	U
2-Picoline	ug/L	0.96	0.96	U	0.98	0.98	U
3,3'-Dichlorobenzidine	ug/L	39	39	U	39	39	UJ
3,3'-Dimethylbenzidine	ug/L	19	19	UJ	20	20	UJ
3-Methylcholanthrene	ug/L	0.96	0.96	U	0.98	0.98	U
3-Nitroaniline	ug/L	0.96	0.96	U	0.98	0.98	U
4-Aminobiphenyl	ug/L	3.9	3.9	U	3.9	3.9	U
4-Bromophenyl phenyl ether	ug/L	0.96	0.96	U	0.98	0.98	U
4-Chloro-3-methylphenol	ug/L	0.96	0.96	U	0.98	0.98	U
4-Chloroaniline	ug/L	0.96	0.96	U	0.98	0.98	U
4-Chlorophenyl phenyl ether	ug/L	1.9	1.9	U	2	2	U
4-Nitroaniline	ug/L	0.96	0.96	UJ	0.98	0.98	UJ
4-Nitrophenol	ug/L	14	14	U	15	15	U
5-Nitro-o-toluidine	ug/L	0.96	0.96	U	0.98	0.98	U
7,12-Dimethylbenz(a)anthracene	ug/L	0.96	0.96	U	0.98	0.98	U
Acenaphthene	ug/L	0.96	0.96	U	0.98	0.98	U
Acenaphthylene	ug/L	0.96	0.96	U	0.98	0.98	U
Acetophenone	ug/L	0.96	0.96	U	0.98	0.98	U
Acifluorfen	ug/L	0.2	0.2	UJ	0.21	0.21	U
Aniline	ug/L	0.96	0.96	UJ	0.98	0.98	U
Anthracene	ug/L	0.96	0.96	U	0.98	0.98	U
Azobenzene/1,2-Diphenylhydrazine	ug/L	0.96	0.96	U	0.98	0.98	U
Benzidine	ug/L	96	96	U	98	98	U
Benzo(a)anthracene	ug/L	0.96	0.96	U	0.98	0.98	U
Benzo(a)pyrene	ug/L	0.96	0.96	U	0.98	0.98	U
Benzo(b)fluoranthene	ug/L	0.96	0.96	U	0.98	0.98	U
Benzo(g,h,i)perylene	ug/L	0.96	0.96	U	0.98	0.98	U

Table 2: Location 21 Analytical Results

Semi-Volatile Organic Compounds	Units	21-PRE Results	MDL	Remark	21-POST Results	MDL	Remark
Benzo(k)fluoranthene	ug/L	0.96	0.96	U	0.98	0.98	U
Benzyl alcohol	ug/L	0.96	0.96	U	0.98	0.98	U
Bis(2-chloroethoxy)methane	ug/L	0.96	0.96	U	0.98	0.98	U
Bis(2-chloroethyl)ether	ug/L	0.96	0.96	U	0.98	0.98	U
Bis(2-chloroisopropyl)ether	ug/L	2.9	2.9	U	2.9	2.9	U
Bis(2-ethylhexyl)phthalate	ug/L	14	14	U	15	15	U
Butyl benzyl phthalate	ug/L	4.8	4.8	U	4.9	4.9	U
Carbazole	ug/L	0.96	0.96	U	0.98	0.98	U
Chrysene	ug/L	0.96	0.96	U	0.98	0.98	U
Dibenzo(a,h)anthracene	ug/L	0.96	0.96	U	0.98	0.98	U
Dibenzofuran	ug/L	0.96	0.96	U	0.98	0.98	U
Diethyl phthalate	ug/L	0.96	0.96	UJ	0.98	0.98	U
Dimethyl phthalate	ug/L	9.6	9.6	UJ	9.8	9.8	U
Dimethylaminoazobenzene	ug/L	0.96	0.96	U	0.98	0.98	U
Di-n-butyl phthalate	ug/L	4.8	4.8	UJ	4.9	4.9	U
Di-n-octyl phthalate	ug/L	0.96	0.96	U	0.98	0.98	U
Dinoseb	ug/L	3.9	3.9	UJ	3.9	3.9	U
Ethyl methanesulfonate	ug/L	0.96	0.96	U	0.98	0.98	U
Fluoranthene	ug/L	0.96	0.96	U	0.98	0.98	U
Fluorene	ug/L	0.96	0.96	U	0.98	0.98	U
Hexachlorobenzene	ug/L	0.96	0.96	U	0.98	0.98	U
Hexachlorobutadiene	ug/L	2.9	2.9	U	2.9	2.9	U
Hexachlorocyclopentadiene	ug/L	2.9	2.9	U	2.9	2.9	U
Hexachloroethane	ug/L	2.9	2.9	U	2.9	2.9	U
Hexachloropropene	ug/L	1.9	1.9	U	2	2	UJ
Indeno(1,2,3-cd)pyrene	ug/L	0.96	0.96	U	0.98	0.98	U
Isophorone	ug/L	0.96	0.96	U	0.98	0.98	U
Isosafrole	ug/L	0.96	0.96	UJ	0.98	0.98	UJ
m,p-Cresols	ug/L	1.9	1.9	U	2	2	U

Table 2: Location 21 Analytical Results

Semi-Volatile Organic Compounds	Units	21-PRE Results	MDL	Remark	21-POST Results	MDL	Remark
Methapyrilene	ug/L	3.9	3.9	U	3.9	3.9	UJ
Methyl methanesulfonate	ug/L	0.96	0.96	UJ	0.98	0.98	UJ
Naphthalene	ug/L	0.96	0.96	U	0.98	0.98	U
Nitrobenzene	ug/L	1.9	1.9	U	2	2	U
Nitroquinoline-1-oxide	ug/L	19	19	UJ	20	20	U
N-Nitrosodiethylamine	ug/L	0.96	0.96	U	0.98	0.98	U
N-Nitrosodimethylamine	ug/L	1.9	1.9	U	2	2	U
N-Nitrosodi-n-butylamine	ug/L	0.96	0.96	U	0.98	0.98	U
N-Nitrosodi-n-propylamine	ug/L	1.9	1.9	U	2	2	U
N-Nitrosodiphenylamine/ Diphenylamine	ug/L	2.9	2.9	U	2.9	2.9	U
N-Nitrosomethylethylamine	ug/L	1.9	1.9	U	2	2	U
N-Nitrosomorpholine	ug/L	0.96	0.96	U	0.98	0.98	U
N-Nitrosopiperidine	ug/L	0.96	0.96	U	0.98	0.98	U
N-Nitrosopyrrolidine	ug/L	1.9	1.9	U	2	2	U
o-Cresol	ug/L	1.9	1.9	U	2	2	U
o-Toluidine	ug/L	0.96	0.96	U	0.98	0.98	U
Pentachlorobenzene	ug/L	0.96	0.96	U	0.98	0.98	U
Pentachloroethane	ug/L	48	48	U	49	49	U
Pentachloronitrobenzene	ug/L	0.96	0.96	U	0.98	0.98	U
Pentachlorophenol	ug/L	2.9	2.9	U	2.9	2.9	U
Phenacetin	ug/L	3.9	3.9	U	3.9	3.9	U
Phenanthrene	ug/L	0.96	0.96	U	0.98	0.98	U
Phenol	ug/L	0.96	0.96	U	0.98	0.98	U
Pyrene	ug/L	0.96	0.96	UJ	0.98	0.98	U
Pyridine	ug/L	3.9	3.9	U	3.9	3.9	U
Safrole	ug/L	0.96	0.96	U	0.98	0.98	U
TRPH	mg/L	0.24	0.24	U	0.24	0.24	UJ

Table 2: Location 21 Analytical Results

Pesticides/Herbicides/PCBs	Units	21-PRE Results	MDL	Remark	21-POST Results	MDL	Remark
1,2-Dibromo-3-Chloropropane	ug/L	0.01	0.01	U	0.01	0.01	U
1,2-Dibromoethane	ug/L	0.01	0.01	U	0.01	0.01	U
2,4,5-T	ug/L	0.2	0.2	U	0.21	0.21	U
2,4-D	ug/L	0.2	0.2	U	0.21	0.21	U
Alachlor	ug/L	0.59	0.59	UJ	0.58	0.58	U
Aldrin	ug/L	0.0098	0.0098	U	0.0097	0.0097	U
Alpha-BHC	ug/L	0.0098	0.0098	U	0.0097	0.0097	U
Ametryn	ug/L	0.049	0.049	UJ	0.048	0.048	U
Atrazine	ug/L	0.049	0.049	U	0.048	0.048	U
Azinphos Methyl	ug/L	0.2	0.2	U	0.19	0.19	U
Beta-BHC	ug/L	0.0098	0.0098	U	0.0097	0.0097	U
Bromacil	ug/L	0.2	0.2	UJ	0.19	0.19	U
Butylate	ug/L	0.2	0.2	UJ	0.19	0.19	U
Chlordane	ug/L	0.2	0.2	U	0.19	0.19	U
Chlorpyrifos Ethyl	ug/L	0.049	0.049	U	0.048	0.048	U
Chlorpyrifos Methyl	ug/L	0.098	0.098	U	0.097	0.097	U
DDD-p,p'	ug/L	0.02	0.02	U	0.019	0.019	U
DDE-p,p'	ug/L	0.02	0.02	U	0.019	0.019	U
DDT-p,p'	ug/L	0.029	0.029	U	0.029	0.029	U
Delta-BHC	ug/L	0.0098	0.0098	U	0.0097	0.0097	U
Diazinon	ug/L	0.049	0.049	U	0.048	0.048	U
Dieldrin	ug/L	0.02	0.02	U	0.019	0.019	U
Endosulfan I	ug/L	0.02	0.02	U	0.019	0.019	U
Endosulfan II	ug/L	0.02	0.02	U	0.019	0.019	U
Endosulfan Sulfate	ug/L	0.02	0.02	U	0.019	0.019	U
Endrin	ug/L	0.049	0.049	UJ	0.048	0.048	U
Endrin Aldehyde	ug/L	0.02	0.02	U	0.019	0.019	U
Ethion	ug/L	0.049	0.049	U	0.048	0.048	U
Ethoprop	ug/L	0.098	0.098	U	0.097	0.097	U

Table 2: Location 21 Analytical Results

Pesticides/Herbicides/PCBs	Units	21-PRE Results	MDL	Remark	21-POST Results	MDL	Remark
Fenamiphos	ug/L	0.2	0.2	U	0.19	0.19	U
Fonofos	ug/L	0.098	0.098	U	0.097	0.097	UJ
Gamma-BHC	ug/L	0.0098	0.0098	U	0.0097	0.0097	U
Heptachlor	ug/L	0.0098	0.0098	U	0.0097	0.0097	U
Heptachlor Epoxide	ug/L	0.02	0.02	U	0.019	0.019	U
Hexazinone	ug/L	0.098	0.098	UJ	0.097	0.097	U
Malathion	ug/L	0.15	0.15	U	0.14	0.14	U
Metalaxyl	ug/L	0.25	0.25	UJ	0.24	0.24	U
Methoxychlor	ug/L	0.049	0.049	U	0.048	0.048	UJ
Metolachlor	ug/L	0.49	0.49	UJ	0.48	0.48	U
Metribuzin	ug/L	0.098	0.098	UJ	0.097	0.097	UJ
Mevinphos	ug/L	0.2	0.2	U	0.19	0.19	U
Naled	ug/L	0.79	0.79	U	0.77	0.77	U
Norflurazon	ug/L	0.15	0.15	UJ	0.14	0.14	U
Parathion Ethyl	ug/L	0.15	0.15	U	0.14	0.14	U
Parathion Methyl	ug/L	0.098	0.098	U	0.097	0.097	U
PCB-1016	ug/L	0.2	0.2	U	0.19	0.19	U
PCB-1221	ug/L	0.2	0.2	U	0.19	0.19	U
PCB-1232	ug/L	0.2	0.2	U	0.19	0.19	U
PCB-1242	ug/L	0.29	0.29	U	0.29	0.29	U
PCB-1248	ug/L	0.2	0.2	U	0.19	0.19	U
PCB-1254	ug/L	0.29	0.29	U	0.29	0.29	U
PCB-1260	ug/L	0.2	0.2	U	0.19	0.19	U
Phorate	ug/L	0.049	0.049	U	0.048	0.048	U
Prometryn	ug/L	0.15	0.15	UJ	0.14	0.14	U
Silvex	ug/L	0.2	0.2	U	0.21	0.21	U
Simazine	ug/L	0.049	0.049	UJ	0.048	0.048	U
Toxaphene	ug/L	0.74	0.74	U	0.72	0.72	U

Table 2: Location 21 Analytical Results

Metals	Units	21-PRE Results	MDL	Remark	21-POST Results	MDL	Remark
Aluminum	ug/L	60	60	U	60	60	U
Antimony	ug/L	0.25	0.25	U	0.25	0.25	U
Arsenic	ug/L	2.45	0.25		1	0.25	A
Barium	ug/L	49.7	0.2		0.2	0.2	U
Beryllium	ug/L	0.025	0.025	U	0.025	0.025	U
Boron	ug/L	30	15	I	29	15	I
Cadmium	ug/L	0.03	0.03	U	0.03	0.03	U
Calcium	mg/L	112	0.075		0.075	0.075	U
Chromium	ug/L	0.3	0.3	U	0.3	0.3	U
Cobalt	ug/L	0.11	0.03	I	0.03	0.03	U
Copper	ug/L	0.52	0.5		25.8	0.5	A
Iron	ug/L	1.20E+04	30		30	30	U
Lead	ug/L	0.2	0.2	U	0.2	0.2	U
Magnesium	mg/L	5.63	0.04		0.04	0.04	U
Manganese	ug/L	64.8	0.75		0.75	0.75	U
Mercury	ug/L	0.12	0.12	U	0.12	0.12	U
Molybdenum	ug/L	1.14	0.15		0.15	0.15	U
Nickel	ug/L	0.36	0.25	I	0.25	0.25	U
Potassium	mg/L	1	0.3	I	0.3	0.3	U
Selenium	ug/L	0.2	0.2	U	0.2	0.2	U
Silver	ug/L	0.025	0.025	U	0.025	0.025	U
Sodium	mg/L	22.5	0.5		180	0.5	A
Strontium	ug/L	472	2		2	2	U
Thallium	ug/L	0.1	0.1	U	0.1	0.1	U
Tin	ug/L	3	3	U	3	3	U
Titanium	ug/L	0.75	0.75	U	0.75	0.75	U
Vanadium	ug/L	2	2	U	2	2	U
Zinc	ug/L	20	5		5	5	U

Table 2: Location 21 Analytical Results

Radionuclides	Units	21-PRE Results	MDL	Remark	21-POST Results	MDL	Remark
Alpha, Total	pCi/L	22			1.9		U
Alpha-Counting Error	pCi/L	2.3			1.1		
Beta, Total	pCi/L	7.1			2.2		U
Beta-Counting Error	pCi/L	1.2			1.3		
Radium 226	pCi/L	11			0.3		U
Radium 226-Counting Error	pCi/L	0.6			0.1		
Radium 228	pCi/L	1		U	0.8		U
Radium 228-Counting Error	pCi/L	0.7			0.5		
Additional Analytes	Units	21-PRE Results	MDL	Remark	21-POST Results	MDL	Remark
1,4-Dioxane	ug/L	0.48	0.2	I	0.49	0.2	I
NO2NO3-N	mg N/L	0.008	0.004	I	0.004	0.004	U
Perchlorate	ug/L	0.6	0.6	U	0.6	0.6	U

0.8 Gray shading indicates analyte was detected above the laboratories method detection limit but at a concentration below any applicable Florida Drinking Water Standard or Groundwater Cleanup Target Level.

256 Yellow shading indicates analyte was detected above the laboratories method detection limit at a concentration exceeding either a Florida Drinking Water Standard or Groundwater Cleanup Target Level.

Location 22

**Table 1: Summary of FDWS/GCTLs Exceedances and Radionuclides in Water Samples Collected Pre- and Post-Treatment from Location 22
February 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation**

Analyte	FDWS/GCTL	22-Pre Aug 09	22-Post
Exceedances			
Iron	300 ug/L (FSDWS)	NA	1,030
Sodium	160 mg/L (FPDWS)	NA	424
Total Alpha	15pCi/L (FPDWS)	15.6, 16.1*	ND
Radium 226/228	5 pCi/L (FPDWS)	8.9, 7.6*	1.8
Radionuclides			
Total Beta	50 pCi/L (FDEPSL)	NA, 5.4*	ND
No Exceedances for Total Beta			

FDWS=Florida Drinking Water Standard

GCTL=Ground Water Cleanup Target Level

FPDWS= Florida Primary Drinking Water Standard

FSDWS=Florida Secondary Drinking Water Standard

FDEPSL=FDEP Screening Level

ND=Non Detect

NA=Not Analyzed

Gray Shading= Analyte Detected

Yellow Shading=Exceedance of FDWS/GCTL

ug/L= micrograms per Liter

pCi/L=picocuries per Liter

mg/L=milligrams per Liter

*Sample Collected February 2010

Table 2: Location 22 Analytical Results

Volatile Organic Compounds	Units	22-PRE Results	MDL	Remark	22-POST Results	MDL	Remark
1,1,1-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1,2,2-Tetrachloroethane	ug/L	0.5	0.5	UJ	0.5	0.5	U
1,1,2-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
1,2-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
1,2-Dichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,2-Dichloropropane	ug/L	0.5	0.5	U	0.5	0.5	U
1,3-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
1,4-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
Benzene	ug/L	0.2	0.2	U	0.2	0.2	U
Bromodichloromethane	ug/L	0.2	0.2	U	0.2	0.2	U
Bromoform	ug/L	0.5	0.5	UJ	0.5	0.5	UJ
Bromomethane	ug/L	0.5	0.5	UJ	0.5	0.5	UJ
Carbon tetrachloride	ug/L	0.2	0.2	U	0.2	0.2	U
Chlorobenzene	ug/L	0.2	0.2	U	0.2	0.2	U
Chloroethane	ug/L	0.5	0.5	U	0.5	0.5	U
Chloroform	ug/L	0.2	0.2	U	0.2	0.2	U
Chloromethane	ug/L	0.5	0.5	U	0.5	0.5	UJ
cis-1,2-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
cis-1,3-Dichloropropene	ug/L	0.5	0.5	U	0.5	0.5	U
Dibromochloromethane	ug/L	0.2	0.2	U	0.2	0.2	U
Ethylbenzene	ug/L	0.5	0.5	U	0.5	0.5	U
m,p-Xylene	ug/L	0.5	0.5	U	0.5	0.5	U
Methylene chloride	ug/L	0.5	0.5	U	0.5	0.5	UJ
Methyl-t-butyl ether	ug/L	0.5	0.5	U	0.5	0.5	U
o-Xylene	ug/L	0.2	0.2	U	0.2	0.2	U
Tetrachloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
Toluene	ug/L	0.5	0.5	U	0.5	0.5	U

Table 2: Location 22 Analytical Results

Volatile Organic Compounds	Units	22-PRE Results	MDL	Remark	22-POST Results	MDL	Remark
trans-1,2-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
trans-1,3-Dichloropropene	ug/L	0.2	0.2	UJ	0.2	0.2	U
Trichloroethene	ug/L	0.2	0.2	UJ	0.2	0.2	UJ
Trichlorofluoromethane	ug/L	0.5	0.5	U	0.5	0.5	U
Vinyl chloride	ug/L	0.5	0.5	U	0.5	0.5	U
Semi-Volatile Organic Compounds	Units	22-PRE Results	MDL	Remark	22-POST Results	MDL	Remark
1,2,4,5-Tetrachlorobenzene	ug/L	1	1	U	0.97	0.97	U
1,2,4-Trichlorobenzene	ug/L	1	1	U	0.97	0.97	U
1,3,5-Trinitrobenzene	ug/L	4.1	4.1	U	3.9	3.9	U
1,3-Dinitrobenzene	ug/L	2	2	U	1.9	1.9	U
1,4-Naphthoquinone	ug/L	20	20	UJ	19	19	UJ
1-Methylnaphthalene	ug/L				0.97	0.97	U
1-Naphthylamine	ug/L	10	10	U	9.7	9.7	UJ
2,3,4,6-Tetrachlorophenol	ug/L	2	2	U	1.9	1.9	U
2,4,5-Trichlorophenol	ug/L	1	1	U	0.97	0.97	U
2,4,6-Trichlorophenol	ug/L	1	1	U	0.97	0.97	U
2,4-Dichlorophenol	ug/L	1	1	U	0.97	0.97	U
2,4-Dimethylphenol	ug/L	10	10	U	9.7	9.7	UJ
2,4-Dinitrophenol	ug/L	15	15	U	15	15	U
2,4-Dinitrotoluene	ug/L	1	1	U	0.97	0.97	U
2,6-Dichlorophenol	ug/L	1	1	U	0.97	0.97	U
2,6-Dinitrotoluene	ug/L	1	1	U	0.97	0.97	U
2-Acetylaminofluorene	ug/L	1	1	U	0.97	0.97	U
2-Butanone	ug/L	10	10	U	5	5	U
2-Chloronaphthalene	ug/L	1	1	U	0.97	0.97	U
2-Chlorophenol	ug/L	1	1	U	0.97	0.97	U
2-Methyl-4,6-dinitrophenol	ug/L	3	3	U	2.9	2.9	U
2-Methylnaphthalene	ug/L	1	1	U	0.97	0.97	U

Table 2: Location 22 Analytical Results

Semi-Volatile Organic Compounds	Units	22-PRE Results	MDL	Remark	22-POST Results	MDL	Remark
2-Naphthylamine	ug/L	10	10	U	9.7	9.7	U
2-Nitroaniline	ug/L	1	1	U	0.97	0.97	U
2-Nitrophenol	ug/L	1	1	U	0.97	0.97	U
2-Picoline	ug/L	1	1	U	0.97	0.97	U
3,3'-Dichlorobenzidine	ug/L	41	41	U	39	39	UJ
3,3'-Dimethylbenzidine	ug/L	20	20	U	19	19	UJ
3-Methylcholanthrene	ug/L	1	1	U	0.97	0.97	U
3-Nitroaniline	ug/L	1	1	U	0.97	0.97	U
4-Aminobiphenyl	ug/L	4.1	4.1	U	3.9	3.9	U
4-Bromophenyl phenyl ether	ug/L	1	1	U	0.97	0.97	U
4-Chloro-3-methylphenol	ug/L	1	1	U	0.97	0.97	U
4-Chloroaniline	ug/L	1	1	U	0.97	0.97	U
4-Chlorophenyl phenyl ether	ug/L	2	2	U	1.9	1.9	U
4-Nitroaniline	ug/L	1	1	UJ	0.97	0.97	UJ
4-Nitrophenol	ug/L	15	15	U	15	15	U
5-Nitro-o-toluidine	ug/L	1	1	U	0.97	0.97	U
7,12-Dimethylbenz(a)anthracene	ug/L	1	1	U	0.97	0.97	U
Acenaphthene	ug/L	1	1	U	0.97	0.97	U
Acenaphthylene	ug/L	1	1	U	0.97	0.97	U
Acetophenone	ug/L	1	1	U	0.97	0.97	U
Acifluorfen	ug/L	0.21	0.21	U	0.21	0.21	U
Aniline	ug/L	1	1	U	0.97	0.97	U
Anthracene	ug/L	1	1	U	0.97	0.97	U
Azobenzene/1,2-Diphenylhydrazine	ug/L	1	1	U	0.97	0.97	U
Benzidine	ug/L	100	100	U	97	97	U
Benzo(a)anthracene	ug/L	1	1	U	0.97	0.97	U
Benzo(a)pyrene	ug/L	1	1	U	0.97	0.97	U
Benzo(b)fluoranthene	ug/L	1	1	U	0.97	0.97	U
Benzo(g,h,i)perylene	ug/L	1	1	U	0.97	0.97	U

Table 2: Location 22 Analytical Results

Semi-Volatile Organic Compounds	Units	22-PRE Results	MDL	Remark	22-POST Results	MDL	Remark
Benzo(k)fluoranthene	ug/L	1	1	U	0.97	0.97	U
Benzyl alcohol	ug/L	1	1	U	0.97	0.97	U
Bis(2-chloroethoxy)methane	ug/L	1	1	U	0.97	0.97	U
Bis(2-chloroethyl)ether	ug/L	1	1	U	0.97	0.97	U
Bis(2-chloroisopropyl)ether	ug/L	3	3	U	2.9	2.9	U
Bis(2-ethylhexyl)phthalate	ug/L	15	15	U	15	15	U
Butyl benzyl phthalate	ug/L	5.1	5.1	U	4.9	4.9	U
Carbazole	ug/L				0.97	0.97	U
Chrysene	ug/L	1	1	U	0.97	0.97	U
Dibenzo(a,h)anthracene	ug/L	1	1	U	0.97	0.97	U
Dibenzofuran	ug/L	1	1	U	0.97	0.97	U
Diethyl phthalate	ug/L	1	1	U	0.97	0.97	U
Dimethyl phthalate	ug/L	10	10	U	9.7	9.7	U
Dimethylaminoazobenzene	ug/L	1	1	U	0.97	0.97	U
Di-n-butyl phthalate	ug/L	5.1	5.1	U	4.9	4.9	U
Di-n-octyl phthalate	ug/L	1	1	U	0.97	0.97	U
Dinoseb	ug/L	4.1	4.1	U	3.9	3.9	U
Ethyl methanesulfonate	ug/L	1	1	U	0.97	0.97	U
Fluoranthene	ug/L	1	1	U	0.97	0.97	U
Fluorene	ug/L	1	1	U	0.97	0.97	U
Hexachlorobenzene	ug/L	1	1	U	0.97	0.97	U
Hexachlorobutadiene	ug/L	3	3	U	2.9	2.9	U
Hexachlorocyclopentadiene	ug/L	3	3	U	2.9	2.9	U
Hexachloroethane	ug/L	3	3	U	2.9	2.9	U
Hexachloropropene	ug/L	2	2	U	1.9	1.9	UJ
Indeno(1,2,3-cd)pyrene	ug/L	1	1	U	0.97	0.97	U
Isophorone	ug/L	1	1	U	0.97	0.97	U
Isosafrole	ug/L	1	1	U	0.97	0.97	UJ
m,p-Cresols	ug/L	2	2	U	1.9	1.9	U

Table 2: Location 22 Analytical Results

Semi-Volatile Organic Compounds	Units	22-PRE Results	MDL	Remark	22-POST Results	MDL	Remark
Methapyrilene	ug/L	4.1	4.1	UJ	3.9	3.9	UJ
Methyl methanesulfonate	ug/L	1	1	UJ	0.97	0.97	UJ
Naphthalene	ug/L	1	1	U	0.97	0.97	U
Nitrobenzene	ug/L	2	2	U	1.9	1.9	U
Nitroquinoline-1-oxide	ug/L	20	20	U	19	19	U
N-Nitrosodiethylamine	ug/L	1	1	U	0.97	0.97	U
N-Nitrosodimethylamine	ug/L	2	2	U	1.9	1.9	U
N-Nitrosodi-n-butylamine	ug/L				0.97	0.97	U
N-Nitrosodi-n-propylamine	ug/L	2	2	U	1.9	1.9	U
N-Nitrosodiphenylamine/ Diphenylamine	ug/L	3	3	U	2.9	2.9	U
N-Nitrosomethylethylamine	ug/L	2	2	U	1.9	1.9	U
N-Nitrosomorpholine	ug/L	1	1	U	0.97	0.97	U
N-Nitrosopiperidine	ug/L	1	1	U	0.97	0.97	U
N-Nitrosopyrrolidine	ug/L	2	2	U	1.9	1.9	U
o-Cresol	ug/L	2	2	U	1.9	1.9	U
o-Toluidine	ug/L	1	1	U	0.97	0.97	U
Pentachlorobenzene	ug/L	1	1	U	0.97	0.97	U
Pentachloroethane	ug/L	51	51	U	49	49	U
Pentachloronitrobenzene	ug/L	1	1	U	0.97	0.97	U
Pentachlorophenol	ug/L	3	3	U	2.9	2.9	U
Phenacetin	ug/L	4.1	4.1	U	3.9	3.9	U
Phenanthrene	ug/L	1	1	U	0.97	0.97	U
Phenol	ug/L	1	1	U	0.97	0.97	U
Pyrene	ug/L	1	1	U	0.97	0.97	U
Pyridine	ug/L	4.1	4.1	U	3.9	3.9	U
Safrole	ug/L	1	1	U	0.97	0.97	U
TRPH	mg/L	0.25	0.25	U	0.25	0.25	U

Table 2: Location 22 Analytical Results

Pesticides/Herbicides/PCBs	Units	22-PRE Results	MDL	Remark	22-POST Results	MDL	Remark
1,2-Dibromo-3-Chloropropane	ug/L				0.01	0.01	U
1,2-Dibromoethane	ug/L	0.01	0.01	U	0.01	0.01	U
2,4,5-T	ug/L	0.21	0.21	U	0.21	0.21	U
2,4-D	ug/L	0.21	0.21	U	0.21	0.21	U
Alachlor	ug/L	0.59	0.59	UJ	0.58	0.58	U
Aldrin	ug/L	0.0098	0.0098	U	0.0097	0.0097	U
Alpha-BHC	ug/L	0.0098	0.0098	U	0.0097	0.0097	U
Ametryn	ug/L	0.049	0.049	U	0.049	0.049	U
Atrazine	ug/L	0.049	0.049	U	0.049	0.049	U
Azinphos Methyl	ug/L	0.2	0.2	UJ	0.19	0.19	U
Beta-BHC	ug/L	0.0098	0.0098	UJ	0.0097	0.0097	U
Bromacil	ug/L	0.2	0.2	U	0.19	0.19	U
Butylate	ug/L	0.2	0.2	UJ	0.19	0.19	U
Chlordane	ug/L	0.2	0.2	U	0.19	0.19	U
Chlorpyrifos Ethyl	ug/L	0.049	0.049	U	0.049	0.049	U
Chlorpyrifos Methyl	ug/L	0.098	0.098	U	0.097	0.097	U
DDD-p,p'	ug/L	0.02	0.02	UJ	0.019	0.019	U
DDE-p,p'	ug/L	0.02	0.02	UJ	0.019	0.019	U
DDT-p,p'	ug/L	0.029	0.029	U	0.029	0.029	U
Delta-BHC	ug/L	0.0098	0.0098	UJ	0.0097	0.0097	U
Diazinon	ug/L	0.049	0.049	U	0.049	0.049	U
Dieldrin	ug/L	0.02	0.02	U	0.019	0.019	U
Endosulfan I	ug/L	0.02	0.02	U	0.019	0.019	U
Endosulfan II	ug/L	0.02	0.02	U	0.019	0.019	U
Endosulfan Sulfate	ug/L	0.02	0.02	U	0.019	0.019	U
Endrin	ug/L	0.049	0.049	U	0.049	0.049	U
Endrin Aldehyde	ug/L	0.02	0.02	U	0.019	0.019	U
Ethion	ug/L	0.049	0.049	U	0.049	0.049	U
Ethoprop	ug/L	0.098	0.098	U	0.097	0.097	U

Table 2: Location 22 Analytical Results

Pesticides/Herbicides/PCBs	Units	22-PRE Results	MDL	Remark	22-POST Results	MDL	Remark
Fenamiphos	ug/L	0.2	0.2	U	0.19	0.19	U
Fonofos	ug/L	0.098	0.098	U	0.097	0.097	UJ
Gamma-BHC	ug/L	0.0098	0.0098	U	0.0097	0.0097	U
Heptachlor	ug/L	0.0098	0.0098	U	0.0097	0.0097	U
Heptachlor Epoxide	ug/L	0.02	0.02	U	0.019	0.019	U
Hexazinone	ug/L	0.098	0.098	UJ	0.097	0.097	U
Malathion	ug/L	0.15	0.15	U	0.15	0.15	U
Metalaxyl	ug/L	0.25	0.25	UJ	0.24	0.24	U
Methoxychlor	ug/L	0.049	0.049	UJ	0.049	0.049	UJ
Metolachlor	ug/L	0.49	0.49	UJ	0.49	0.49	U
Metribuzin	ug/L	0.098	0.098	UJ	0.097	0.097	UJ
Mevinphos	ug/L	0.2	0.2	U	0.19	0.19	U
Naled	ug/L	0.79	0.79	U	0.78	0.78	U
Norflurazon	ug/L	0.15	0.15	UJ	0.15	0.15	U
Parathion Ethyl	ug/L	0.15	0.15	U	0.15	0.15	U
Parathion Methyl	ug/L	0.098	0.098	U	0.097	0.097	U
PCB-1016	ug/L	0.2	0.2	U	0.19	0.19	U
PCB-1221	ug/L	0.2	0.2	U	0.19	0.19	U
PCB-1232	ug/L	0.2	0.2	U	0.19	0.19	U
PCB-1242	ug/L	0.29	0.29	U	0.29	0.29	U
PCB-1248	ug/L	0.2	0.2	U	0.19	0.19	U
PCB-1254	ug/L	0.29	0.29	U	0.29	0.29	U
PCB-1260	ug/L	0.2	0.2	U	0.19	0.19	U
Phorate	ug/L	0.049	0.049	U	0.049	0.049	U
Prometryn	ug/L	0.15	0.15	U	0.15	0.15	U
Silvex	ug/L	0.21	0.21	U	0.21	0.21	U
Simazine	ug/L	0.049	0.049	UJ	0.049	0.049	U
Toxaphene	ug/L	0.74	0.74	U	0.73	0.73	U

Table 2: Location 22 Analytical Results

Metals	Units	22-PRE Results	MDL	Remark	22-POST Results	MDL	Remark
Aluminum	ug/L	5	5	U	60	60	U
Antimony	ug/L				0.25	0.25	U
Arsenic	ug/L	1.01	0.25		0.58	0.25	I
Barium	ug/L	65.1	0.2		14	0.2	
Beryllium	ug/L				0.025	0.025	U
Boron	ug/L				50	15	I
Cadmium	ug/L	0.03	0.03	U	0.03	0.03	U
Calcium	mg/L				47.7	0.075	
Chromium	ug/L	0.3	0.3	I	0.3	0.3	U
Cobalt	ug/L				0.044	0.03	I
Copper	ug/L	1.02	0.5		11.3	0.5	
Iron	ug/L				1.03E+03	30	
Lead	ug/L	0.2	0.2	U	0.2	0.2	U
Magnesium	mg/L				1.36	0.04	
Manganese	ug/L				9.9	0.75	
Mercury	ug/L	0.12	0.12	U	0.12	0.12	U
Molybdenum	ug/L				0.24	0.15	I
Nickel	ug/L				0.54	0.25	I
Potassium	mg/L	0.2	0.2	U	0.72	0.3	I
Selenium	ug/L	0.2	0.2	U	0.2	0.2	U
Silver	ug/L	0.025	0.025	U	0.025	0.025	U
Sodium	mg/L				424	2.5	
Strontium	ug/L	528	2		135	2	
Thallium	ug/L				0.1	0.1	U
Tin	ug/L				3	3	U
Titanium	ug/L	0.5	0.5	U	0.75	0.75	U
Vanadium	ug/L				2	2	U
Zinc	ug/L				8.6	5	I

Table 2: Location 22 Analytical Results

Radionuclides	Units	22-PRE Results	MDL	Remark	22-POST Results	MDL	Remark
Alpha, Total	pCi/L	15.6 16.1 *			3.9		U
Alpha-Counting Error	pCi/L	4.8 3.5*			2.5		
Beta, Total	pCi/L	5.4*			4.9		U
Beta-Counting Error	pCi/L	2.6*			3		
Radium 226	pCi/L	7.9 7.6*			1.8		
Radium 226-Counting Error	pCi/L	0.8 0.5*			0.2		
Radium 228	pCi/L	1 0.9 U*			0.8		U
Radium 228-Counting Error	pCi/L	0.6 0.6*			0.5		
Additional Analytes	Units	22-PRE Results	MDL	Remark	22-POST Results	MDL	Remark
1,4-Dioxane	ug/L	0.2	0.2	U	0.2	0.2	U
NO2NO3-N	mg N/L	0.006	0.004	I	0.004	0.004	U
Perchlorate	ug/L				1.2	1.2	U

*: February 2010 sample event

If a cell is blank, then that particular component's analysis was not performed.

0.8 Gray shading indicates analyte was detected above the laboratories method detection limit but at a concentration below any applicable Florida Drinking Water Standard or Groundwater Cleanup Target Level.

256 Yellow shading indicates analyte was detected above the laboratories method detection limit at a concentration exceeding either a Florida Drinking Water Standard or Groundwater Cleanup Target Level.

Location 23

*Not a DOH or DEP
Control

Table 1: Summary of FDWS/GCTLs Exceedances and Radionuclides in Water Samples Collected Pre- and Post-Treatment from Location 23
February 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation

Analyte	FDWS/GCTL	23-Pre Sept 09	23-Post
<i>Exceedances</i>			
Bromodichloromethane	0.6 ug/L (GCTL)	ND	1.2#
Sodium	160 mg/L (FPDWS)	NA	453
Total Alpha	15pCi/L (FPDWS)	23.7	ND
Radium 226/228	5 pCi/L (FPDWS)	13.3	0.2
<i>Radionuclides</i>			
Total Beta	50 pCi/L (FDEPSL)	NA	ND
No Exceedances for Total Beta			

FDWS=Florida Drinking Water Standard

GCTL=Ground Water Cleanup Target Level

FPDWS= Florida Primary Drinking Water Standard

FSDWS=Florida Secondary Drinking Water Standard

FDEPSL=FDEP Screening Level

ND=Non Detect

NA=Not Analyzed

Gray Shading= Analyte Detected

Yellow Shading=Exceedance of FDWS/GCTL

ug/L= micrograms per Liter

pCi/L=picocuries per Liter

mg/L=milligrams per Liter

Does not exceed EPAs combined trihalomethanes standard of 80 ug/L

Table 2: Location 23 Analytical Results

Volatile Organic Compounds	Units	23-PRE Results	MDL	Remark	23-POST Results	MDL	Remark
1,1,1-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1,2,2-Tetrachloroethane	ug/L	0.5	0.5	U	0.5	0.5	U
1,1,2-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
1,2-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
1,2-Dichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,2-Dichloropropane	ug/L	0.5	0.5	U	0.5	0.5	U
1,3-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
1,4-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
Benzene	ug/L	0.2	0.2	U	0.2	0.2	U
Bromodichloromethane	ug/L	0.2	0.2	U	1.2	0.2	
Bromoform	ug/L	0.5	0.5	U	0.5	0.5	UJ
Bromomethane	ug/L	0.5	0.5	U	0.5	0.5	UJ
Carbon tetrachloride	ug/L	0.2	0.2	U	0.39	0.2	I
Chlorobenzene	ug/L	0.2	0.2	U	0.2	0.2	U
Chloroethane	ug/L	0.5	0.5	U	0.5	0.5	U
Chloroform	ug/L	0.2	0.2	U	12	0.2	
Chloromethane	ug/L	0.5	0.5	U	0.5	0.5	UJ
cis-1,2-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
cis-1,3-Dichloropropene	ug/L	0.5	0.5	U	0.5	0.5	U
Dibromochloromethane	ug/L	0.2	0.2	U	0.28	0.2	I
Ethylbenzene	ug/L	0.5	0.5	U	0.5	0.5	U
m,p-Xylene	ug/L	0.5	0.5	U	0.5	0.5	U
Methylene chloride	ug/L	0.5	0.5	U	0.5	0.5	UJ
Methyl-t-butyl ether	ug/L	0.5	0.5	U	0.5	0.5	U
o-Xylene	ug/L	0.2	0.2	U	0.2	0.2	U
Tetrachloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
Toluene	ug/L	0.5	0.5	U	0.5	0.5	U

Table 2: Location 23 Analytical Results

Volatile Organic Compounds	Units	23-PRE Results	MDL	Remark	23-POST Results	MDL	Remark
trans-1,2-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
trans-1,3-Dichloropropene	ug/L	0.2	0.2	U	0.2	0.2	U
Trichloroethene	ug/L	0.2	0.2	U	0.2	0.2	UJ
Trichlorofluoromethane	ug/L	0.5	0.5	U	0.5	0.5	U
Vinyl chloride	ug/L	0.5	0.5	U	0.5	0.5	U
Semi-Volatile Organic Compounds	Units	23-PRE Results	MDL	Remark	23-POST Results	MDL	Remark
1,2,4,5-Tetrachlorobenzene	ug/L	0.96	0.96	U	0.99	0.99	U
1,2,4-Trichlorobenzene	ug/L	0.96	0.96	U	0.99	0.99	U
1,3,5-Trinitrobenzene	ug/L	3.8	3.8	U	3.9	3.9	U
1,3-Dinitrobenzene	ug/L	1.9	1.9	U	2	2	U
1,4-Naphthoquinone	ug/L	19	19	UJ	20	20	UJ
1-Methylnaphthalene	ug/L				0.99	0.99	U
1-Naphthylamine	ug/L	9.6	9.6	U	9.9	9.9	UJ
2,3,4,6-Tetrachlorophenol	ug/L	1.9	1.9	U	2	2	U
2,4,5-Trichlorophenol	ug/L	0.96	0.96	U	0.99	0.99	U
2,4,6-Trichlorophenol	ug/L	0.96	0.96	U	0.99	0.99	U
2,4-Dichlorophenol	ug/L	0.96	0.96	U	0.99	0.99	U
2,4-Dimethylphenol	ug/L	9.6	9.6	U	9.9	9.9	UJ
2,4-Dinitrophenol	ug/L	14	14	U	15	15	U
2,4-Dinitrotoluene	ug/L	0.96	0.96	U	0.99	0.99	U
2,6-Dichlorophenol	ug/L	0.96	0.96	U	0.99	0.99	U
2,6-Dinitrotoluene	ug/L	0.96	0.96	U	0.99	0.99	U
2-Acetylaminofluorene	ug/L	0.96	0.96	U	0.99	0.99	U
2-Butanone	ug/L	10	10	U	5	5	U
2-Chloronaphthalene	ug/L	0.96	0.96	U	0.99	0.99	U
2-Chlorophenol	ug/L	0.96	0.96	U	0.99	0.99	U
2-Methyl-4,6-dinitrophenol	ug/L	2.9	2.9	U	3	3	U
2-Methylnaphthalene	ug/L	0.96	0.96	U	0.99	0.99	U

Table 2: Location 23 Analytical Results

Semi-Volatile Organic Compounds	Units	23-PRE Results	MDL	Remark	23-POST Results	MDL	Remark
2-Naphthylamine	ug/L	9.6	9.6	UJ	9.9	9.9	U
2-Nitroaniline	ug/L	0.96	0.96	U	0.99	0.99	U
2-Nitrophenol	ug/L	0.96	0.96	U	0.99	0.99	U
2-Picoline	ug/L	0.96	0.96	U	0.99	0.99	U
3,3'-Dichlorobenzidine	ug/L	38	38	UJ	39	39	UJ
3,3'-Dimethylbenzidine	ug/L	19	19	UJ	20	20	UJ
3-Methylcholanthrene	ug/L	0.96	0.96	U	0.99	0.99	U
3-Nitroaniline	ug/L	0.96	0.96	U	0.99	0.99	U
4-Aminobiphenyl	ug/L	3.8	3.8	U	3.9	3.9	U
4-Bromophenyl phenyl ether	ug/L	0.96	0.96	U	0.99	0.99	U
4-Chloro-3-methylphenol	ug/L	0.96	0.96	U	0.99	0.99	U
4-Chloroaniline	ug/L	0.96	0.96	U	0.99	0.99	U
4-Chlorophenyl phenyl ether	ug/L	1.9	1.9	U	2	2	U
4-Nitroaniline	ug/L	0.96	0.96	UJ	0.99	0.99	UJ
4-Nitrophenol	ug/L	14	14	U	15	15	U
5-Nitro-o-toluidine	ug/L	0.96	0.96	U	0.99	0.99	U
7,12-Dimethylbenz(a)anthracene	ug/L	0.96	0.96	U	0.99	0.99	U
Acenaphthene	ug/L	0.96	0.96	U	0.99	0.99	U
Acenaphthylene	ug/L	0.96	0.96	U	0.99	0.99	U
Acetophenone	ug/L	0.96	0.96	U	0.99	0.99	U
Acifluorfen	ug/L	0.2	0.2	U	0.21	0.21	U
Aniline	ug/L	0.96	0.96	U	0.99	0.99	U
Anthracene	ug/L	0.96	0.96	U	0.99	0.99	U
Azobenzene/1,2-Diphenylhydrazine	ug/L	0.96	0.96	U	0.99	0.99	U
Benzidine	ug/L	96	96	U	99	99	U
Benzo(a)anthracene	ug/L	0.96	0.96	U	0.99	0.99	U
Benzo(a)pyrene	ug/L	0.96	0.96	U	0.99	0.99	U
Benzo(b)fluoranthene	ug/L	0.96	0.96	U	0.99	0.99	U
Benzo(g,h,i)perylene	ug/L	0.96	0.96	U	0.99	0.99	U

Table 2: Location 23 Analytical Results

Semi-Volatile Organic Compounds	Units	23-PRE Results	MDL	Remark	23-POST Results	MDL	Remark
Benzo(k)fluoranthene	ug/L	0.96	0.96	U	0.99	0.99	U
Benzyl alcohol	ug/L	0.96	0.96	U	0.99	0.99	U
Bis(2-chloroethoxy)methane	ug/L	0.96	0.96	U	0.99	0.99	U
Bis(2-chloroethyl)ether	ug/L	0.96	0.96	U	0.99	0.99	U
Bis(2-chloroisopropyl)ether	ug/L	2.9	2.9	U	3	3	U
Bis(2-ethylhexyl)phthalate	ug/L	14	14	U	15	15	U
Butyl benzyl phthalate	ug/L	4.8	4.8	U	4.9	4.9	U
Carbazole	ug/L				0.99	0.99	U
Chrysene	ug/L	0.96	0.96	U	0.99	0.99	U
Dibenzo(a,h)anthracene	ug/L	0.96	0.96	U	0.99	0.99	U
Dibenzofuran	ug/L	0.96	0.96	U	0.99	0.99	U
Diethyl phthalate	ug/L	0.96	0.96	U	0.99	0.99	U
Dimethyl phthalate	ug/L	9.6	9.6	U	9.9	9.9	U
Dimethylaminoazobenzene	ug/L	0.96	0.96	U	0.99	0.99	U
Di-n-butyl phthalate	ug/L	4.8	4.8	U	4.9	4.9	U
Di-n-octyl phthalate	ug/L	0.96	0.96	U	0.99	0.99	U
Dinoseb	ug/L	3.8	3.8	U	3.9	3.9	U
Ethyl methanesulfonate	ug/L	0.96	0.96	U	0.99	0.99	U
Fluoranthene	ug/L	0.96	0.96	U	0.99	0.99	U
Fluorene	ug/L	0.96	0.96	U	0.99	0.99	U
Hexachlorobenzene	ug/L	0.96	0.96	U	0.99	0.99	U
Hexachlorobutadiene	ug/L	2.9	2.9	U	3	3	U
Hexachlorocyclopentadiene	ug/L	2.9	2.9	U	3	3	U
Hexachloroethane	ug/L	2.9	2.9	U	3	3	U
Hexachloropropene	ug/L	1.9	1.9	U	2	2	UJ
Indeno(1,2,3-cd)pyrene	ug/L	0.96	0.96	U	0.99	0.99	U
Isophorone	ug/L	0.96	0.96	U	0.99	0.99	U
Isosafrole	ug/L	0.96	0.96	U	0.99	0.99	UJ
m,p-Cresols	ug/L	1.9	1.9	U	2	2	U

Table 2: Location 23 Analytical Results

Semi-Volatile Organic Compounds	Units	23-PRE Results	MDL	Remark	23-POST Results	MDL	Remark
Methapyrilene	ug/L	3.8	3.8	UJ	3.9	3.9	UJ
Methyl methanesulfonate	ug/L	0.96	0.96	UJ	0.99	0.99	UJ
Naphthalene	ug/L	0.96	0.96	U	0.99	0.99	U
Nitrobenzene	ug/L	1.9	1.9	U	2	2	U
Nitroquinoline-1-oxide	ug/L	19	19	U	20	20	U
N-Nitrosodiethylamine	ug/L	0.96	0.96	U	0.99	0.99	U
N-Nitrosodimethylamine	ug/L	1.9	1.9	U	2	2	U
N-Nitrosodi-n-butylamine	ug/L				0.99	0.99	U
N-Nitrosodi-n-propylamine	ug/L	1.9	1.9	U	2	2	U
N-Nitrosodiphenylamine/ Diphenylamine	ug/L	2.9	2.9	U	3	3	U
N-Nitrosomethylethylamine	ug/L	1.9	1.9	U	2	2	U
N-Nitrosomorpholine	ug/L	0.96	0.96	U	0.99	0.99	U
N-Nitrosopiperidine	ug/L	0.96	0.96	U	0.99	0.99	U
N-Nitrosopyrrolidine	ug/L	1.9	1.9	U	2	2	U
o-Cresol	ug/L	1.9	1.9	UJ	2	2	U
o-Toluidine	ug/L	0.96	0.96	U	0.99	0.99	U
Pentachlorobenzene	ug/L	0.96	0.96	U	0.99	0.99	U
Pentachloroethane	ug/L	48	48	U	49	49	U
Pentachloronitrobenzene	ug/L	0.96	0.96	U	0.99	0.99	U
Pentachlorophenol	ug/L	2.9	2.9	U	3	3	U
Phenacetin	ug/L	3.8	3.8	U	3.9	3.9	U
Phenanthrene	ug/L	0.96	0.96	U	0.99	0.99	U
Phenol	ug/L	0.96	0.96	U	0.99	0.99	U
Pyrene	ug/L	0.96	0.96	U	0.99	0.99	U
Pyridine	ug/L	3.8	3.8	U	3.9	3.9	U
Safrole	ug/L	0.96	0.96	U	0.99	0.99	U
TRPH	mg/L	0.24	0.24	U	0.25	0.25	U

Table 2: Location 23 Analytical Results

Pesticides/Herbicides/PCBs	Units	23-PRE Results	MDL	Remark	23-POST Results	MDL	Remark
1,2-Dibromo-3-Chloropropane	ug/L				0.01	0.01	U
1,2-Dibromoethane	ug/L	0.01	0.01	U	0.01	0.01	U
2,4,5-T	ug/L	0.2	0.2	U	0.21	0.21	U
2,4-D	ug/L	0.2	0.2	U	0.21	0.21	U
Alachlor	ug/L	0.59	0.59	UJ	0.59	0.59	U
Aldrin	ug/L	0.0098	0.0098	U	0.0099	0.0099	U
Alpha-BHC	ug/L	0.0098	0.0098	U	0.0099	0.0099	U
Ametryn	ug/L	0.049	0.049	U	0.05	0.05	U
Atrazine	ug/L	0.049	0.049	U	0.05	0.05	U
Azinphos Methyl	ug/L	0.2	0.2	U	0.2	0.2	U
Beta-BHC	ug/L	0.0098	0.0098	U	0.0099	0.0099	U
Bromacil	ug/L	0.2	0.2	U	0.2	0.2	U
Butylate	ug/L	0.2	0.2	U	0.2	0.2	U
Chlordane	ug/L	0.2	0.2	U	0.2	0.2	U
Chlorpyrifos Ethyl	ug/L	0.049	0.049	U	0.05	0.05	U
Chlorpyrifos Methyl	ug/L	0.098	0.098	U	0.099	0.099	U
DDD-p,p'	ug/L	0.02	0.02	U	0.02	0.02	U
DDE-p,p'	ug/L	0.02	0.02	U	0.02	0.02	U
DDT-p,p'	ug/L	0.029	0.029	U	0.03	0.03	U
Delta-BHC	ug/L	0.0098	0.0098	U	0.0099	0.0099	U
Diazinon	ug/L	0.049	0.049	U	0.05	0.05	U
Dieldrin	ug/L	0.02	0.02	U	0.02	0.02	U
Endosulfan I	ug/L	0.02	0.02	U	0.02	0.02	U
Endosulfan II	ug/L	0.02	0.02	U	0.02	0.02	U
Endosulfan Sulfate	ug/L	0.02	0.02	U	0.02	0.02	U
Endrin	ug/L	0.049	0.049	U	0.05	0.05	U
Endrin Aldehyde	ug/L	0.02	0.02	U	0.02	0.02	U
Ethion	ug/L	0.049	0.049	U	0.05	0.05	U
Ethoprop	ug/L	0.098	0.098	U	0.099	0.099	U

Table 2: Location 23 Analytical Results

Pesticides/Herbicides/PCBs	Units	23-PRE Results	MDL	Remark	23-POST Results	MDL	Remark
Fenamiphos	ug/L	0.2	0.2	U	0.2	0.2	U
Fonofos	ug/L	0.098	0.098	U	0.099	0.099	UJ
Gamma-BHC	ug/L	0.0098	0.0098	U	0.0099	0.0099	U
Heptachlor	ug/L	0.0098	0.0098	U	0.0099	0.0099	U
Heptachlor Epoxide	ug/L	0.02	0.02	U	0.02	0.02	U
Hexazinone	ug/L	0.098	0.098	U	0.099	0.099	U
Malathion	ug/L	0.15	0.15	U	0.15	0.15	U
Metalaxyl	ug/L	0.25	0.25	U	0.25	0.25	U
Methoxychlor	ug/L	0.049	0.049	U	0.05	0.05	UJ
Metolachlor	ug/L	0.49	0.49	U	0.5	0.5	U
Metribuzin	ug/L	0.098	0.098	U	0.099	0.099	UJ
Mevinphos	ug/L	0.2	0.2	U	0.2	0.2	U
Naled	ug/L	0.79	0.79	U	0.79	0.79	U
Norflurazon	ug/L	0.15	0.15	U	0.15	0.15	U
Parathion Ethyl	ug/L	0.15	0.15	U	0.15	0.15	U
Parathion Methyl	ug/L	0.098	0.098	U	0.099	0.099	U
PCB-1016	ug/L	0.2	0.2	U	0.2	0.2	U
PCB-1221	ug/L	0.2	0.2	U	0.2	0.2	U
PCB-1232	ug/L	0.2	0.2	U	0.2	0.2	U
PCB-1242	ug/L	0.29	0.29	U	0.3	0.3	U
PCB-1248	ug/L	0.2	0.2	U	0.2	0.2	U
PCB-1254	ug/L	0.29	0.29	U	0.3	0.3	U
PCB-1260	ug/L	0.2	0.2	U	0.2	0.2	U
Phorate	ug/L	0.049	0.049	U	0.05	0.05	U
Prometryn	ug/L	0.15	0.15	U	0.15	0.15	U
Silvex	ug/L	0.2	0.2	U	0.21	0.21	U
Simazine	ug/L	0.049	0.049	U	0.05	0.05	U
Toxaphene	ug/L	0.74	0.74	U	0.74	0.74	U

Table 2: Location 23 Analytical Results

Metals	Units	23-PRE Results	MDL	Remark	23-POST Results	MDL	Remark
Aluminum	ug/L	60	60	U	60	60	U
Antimony	ug/L				0.25	0.25	U
Arsenic	ug/L	0.6	0.25	I	0.83	0.25	I
Barium	ug/L	119	0.2	A	3.51	0.2	
Beryllium	ug/L				0.025	0.025	U
Boron	ug/L				25	15	I
Cadmium	ug/L	0.03	0.03	U	0.03	0.03	U
Calcium	mg/L				17	0.075	
Chromium	ug/L	0.3	0.3	U	0.3	0.3	U
Cobalt	ug/L				0.03	0.03	I
Copper	ug/L	3.18	0.5	A	51.8	0.5	
Iron	ug/L				30	30	U
Lead	ug/L	0.66	0.2	I	0.71	0.2	I
Magnesium	mg/L				0.21	0.04	
Manganese	ug/L				1	0.75	I
Mercury	ug/L	0.12	0.12	U	0.12	0.12	U
Molybdenum	ug/L				0.16	0.15	I
Nickel	ug/L				0.25	0.25	U
Potassium	mg/L	0.2	0.2	U	0.35	0.3	I
Selenium	ug/L	0.31	0.2	I	0.2	0.2	U
Silver	ug/L	0.025	0.025	U	0.025	0.025	U
Sodium	mg/L				453	2.5	
Strontium	ug/L	1.05E+03	2	A	31.9	2	
Thallium	ug/L				0.1	0.1	U
Tin	ug/L				3	3	U
Titanium	ug/L	0.5	0.5	U	0.75	0.75	U
Vanadium	ug/L				2	2	U
Zinc	ug/L				8.3	5	I

Table 2: Location 23 Analytical Results

Radionuclides	Units	23-PRE Results	MDL	Remark	23-POST Results	MDL	Remark
Alpha, Total	pCi/L	23.7			3.6		U
Alpha-Counting Error	pCi/L	4.3			2.2		
Beta, Total	pCi/L				3.7		U
Beta-Counting Error	pCi/L				2.2		
Radium 226	pCi/L	13.3			0.2		
Radium 226-Counting Error	pCi/L	0.6			0.2		
Radium 228	pCi/L	0.9		U	1		U
Radium 228-Counting Error	pCi/L	0.6			0.7		
Additional Analytes	Units	23-PRE Results	MDL	Remark	23-POST Results	MDL	Remark
1,4-Dioxane	ug/L	0.2	0.2	U	0.2	0.2	U
NO ₂ NO ₃ -N	mg N/L	0.004	0.004	UJ	0.004	0.004	U
Perchlorate	ug/L				1.5	1.5	U

If a cell is blank, then that particular component's analysis was not performed.

0.8 Gray shading indicates analyte was detected above the laboratories method detection limit but at a concentration below any applicable Florida Drinking Water Standard or Groundwater Cleanup Target Level.

256 Yellow shading indicates analyte was detected above the laboratories method detection limit at a concentration exceeding either a Florida Drinking Water Standard or Groundwater Cleanup Target Level.

Location 24

*Not a DOH or DEP
Control

**Table 1: Summary of FDWS/GCTLs Exceedances and Radionuclides in Water Samples Collected Pre- and Post-Treatment from Location 24
February 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation**

Analyte	FDWS/GCTL	24-Pre Aug 09	24-Post	24-RO
<i>Exceedances</i>				
Sodium	160 mg/L (FPDWS)	NA	260	11.7
Radium 226/228	5 pCi/L (FPDWS)	5.2	ND	ND
<i>Radionuclides</i>				
Total Alpha	15pCi/L (FPDWS)	6.9, 9.8	ND	ND
Total Beta	50 pCi/L (FDEPSL)	NA	ND	ND
No Exceedances for Total Beta or Total Beta				

FDWS=Florida Drinking Water Standard

GCTL=Ground Water Cleanup Target Level

FPDWS= Florida Primary Drinking Water Standard

FSDWS=Florida Secondary Drinking Water Standard

FDEPSL=FDEP Screening Level

ND=Non Detect

NA=Not Analyzed

Gray Shading= Analyte Detected

Yellow Shading=Exceedance of FDWS/GCTL

ug/L= micrograms per Liter

pCi/L=picocuries per Liter

mg/L=milligrams per Liter

Table 2: Location 24 Analytical Results

Volatile Organic Compounds	Units	24-PRE Results	MDL	Remark	24-POST Results	MDL	Remark	24-POST Dup Results	MDL	Remark	24-POST RO Results	MDL	Remark
1,1,1-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
1,1,2,2-Tetrachloroethane	ug/L	0.5	0.5	UJ	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
1,1,2-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
1,2-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
1,2-Dichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
1,2-Dichloropropane	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
1,3-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
1,4-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
Benzene	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
Bromodichloromethane	ug/L	0.2	0.2	U	0.59	0.2	I	0.51	0.2	I	0.2	0.2	U
Bromoform	ug/L	0.5	0.5	U	0.5	0.5	UJ	0.5	0.5	UJ	0.5	0.5	UJ
Bromomethane	ug/L	0.5	0.5	UJ	0.5	0.5	UJ	0.5	0.5	UJ	0.5	0.5	UJ
Carbon tetrachloride	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
Chlorobenzene	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
Chloroethane	ug/L	0.5	0.5	UJ	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
Chloroform	ug/L	0.2	0.2	U	3	0.2		2.8	0.2		0.2	0.2	U
Chloromethane	ug/L	0.5	0.5	U	0.5	0.5	UJ	0.5	0.5	UJ	0.5	0.5	UJ
cis-1,2-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
cis-1,3-Dichloropropene	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
Dibromochloromethane	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
Ethylbenzene	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
m,p-Xylene	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
Methylene chloride	ug/L	0.5	0.5	U	0.5	0.5	UJ	0.5	0.5	UJ	0.5	0.5	UJ
Methyl-t-butyl ether	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
o-Xylene	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
Tetrachloroethene	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U

Table 2: Location 24 Analytical Results

Volatile Organic Compounds	Units	24-PRE Results	MDL	Remark	24-POST Results	MDL	Remark	24-POST Dup Results	MDL	Remark	24-POST RO Results	MDL	Remark
Toluene	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
trans-1,2-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
trans-1,3-Dichloropropene	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
Trichloroethene	ug/L	0.2	0.2	UJ	0.2	0.2	UJ	0.2	0.2	UJ	0.2	0.2	UJ
Trichlorofluoromethane	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
Vinyl chloride	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
Semi-Volatile Organic Compounds	Units	24-PRE Results	MDL	Remark	24-POST Results	MDL	Remark	24-POST Dup Results	MDL	Remark	24-POST RO Results	MDL	Remark
1,2,4,5-Tetrachlorobenzene	ug/L	1	1	U	0.96	0.96	U	0.96	0.96	U	0.96	0.96	U
1,2,4-Trichlorobenzene	ug/L	1	1	U	0.96	0.96	U	0.96	0.96	U	0.96	0.96	U
1,3,5-Trinitrobenzene	ug/L	4.2	4.2	U	3.8	3.8	U	3.8	3.8	U	3.9	3.9	U
1,3-Dinitrobenzene	ug/L	2.1	2.1	U	1.9	1.9	U	1.9	1.9	U	1.9	1.9	U
1,4-Naphthoquinone	ug/L	21	21	UJ	19	19	UJ	19	19	UJ	19	19	UJ
1-Methylnaphthalene	ug/L				0.96	0.96	U	0.96	0.96	U	0.96	0.96	U
1-Naphthylamine	ug/L	10	10	UJ	9.6	9.6	UJ	9.6	9.6	UJ	9.6	9.6	UJ
2,3,4,6-Tetrachlorophenol	ug/L	2.1	2.1	U	1.9	1.9	U	1.9	1.9	U	1.9	1.9	U
2,4,5-Trichlorophenol	ug/L	1	1	U	0.96	0.96	U	0.96	0.96	U	0.96	0.96	U
2,4,6-Trichlorophenol	ug/L	1	1	U	0.96	0.96	U	0.96	0.96	U	0.96	0.96	U
2,4-Dichlorophenol	ug/L	1	1	U	0.96	0.96	U	0.96	0.96	U	0.96	0.96	U
2,4-Dimethylphenol	ug/L	10	10	U	9.6	9.6	UJ	9.6	9.6	UJ	9.6	9.6	UJ
2,4-Dinitrophenol	ug/L	16	16	U	14	14	U	14	14	U	14	14	U
2,4-Dinitrotoluene	ug/L	1	1	U	0.96	0.96	U	0.96	0.96	U	0.96	0.96	U
2,6-Dichlorophenol	ug/L	1	1	U	0.96	0.96	U	0.96	0.96	U	0.96	0.96	U
2,6-Dinitrotoluene	ug/L	1	1	U	0.96	0.96	U	0.96	0.96	U	0.96	0.96	U
2-Acetylaminofluorene	ug/L	1	1	U	0.96	0.96	U	0.96	0.96	U	0.96	0.96	U
2-Butanone	ug/L	10	10	UJ	5	5	U	5	5	U	5	5	U
2-Chloronaphthalene	ug/L	1	1	U	0.96	0.96	U	0.96	0.96	U	0.96	0.96	U
2-Chlorophenol	ug/L	1	1	U	0.96	0.96	U	0.96	0.96	U	0.96	0.96	U

Table 2: Location 24 Analytical Results

Semi-Volatile Organic Compounds	Units	24-PRE Results	MDL	Remark	24-POST Results	MDL	Remark	24-POST Dup Results	MDL	Remark	24-POST RO Results	MDL	Remark
2-Methyl-4,6-dinitrophenol	ug/L	3.1	3.1	U	2.9	2.9	U	2.9	2.9	U	2.9	2.9	U
2-Methylnaphthalene	ug/L	1	1	U	0.96	0.96	U	0.96	0.96	U	0.96	0.96	U
2-Naphthylamine	ug/L	10	10	UJ	9.6	9.6	U	9.6	9.6	U	9.6	9.6	U
2-Nitroaniline	ug/L	1	1	U	0.96	0.96	U	0.96	0.96	U	0.96	0.96	U
2-Nitrophenol	ug/L	1	1	U	0.96	0.96	U	0.96	0.96	U	0.96	0.96	U
2-Picoline	ug/L	1	1	U	0.96	0.96	U	0.96	0.96	U	0.96	0.96	U
3,3'-Dichlorobenzidine	ug/L	42	42	U	38	38	UJ	38	38	UJ	39	39	UJ
3,3'-Dimethylbenzidine	ug/L	21	21	UJ	19	19	UJ	19	19	UJ	19	19	UJ
3-Methylcholanthrene	ug/L	1	1	U	0.96	0.96	U	0.96	0.96	U	0.96	0.96	U
3-Nitroaniline	ug/L	1	1	U	0.96	0.96	U	0.96	0.96	U	0.96	0.96	U
4-Aminobiphenyl	ug/L	4.2	4.2	UJ	3.8	3.8	U	3.8	3.8	U	3.9	3.9	U
4-Bromophenyl phenyl ether	ug/L	1	1	U	0.96	0.96	U	0.96	0.96	U	0.96	0.96	U
4-Chloro-3-methylphenol	ug/L	1	1	U	0.96	0.96	U	0.96	0.96	U	0.96	0.96	U
4-Chloroaniline	ug/L	1	1	U	0.96	0.96	U	0.96	0.96	U	0.96	0.96	U
4-Chlorophenyl phenyl ether	ug/L	2.1	2.1	U	1.9	1.9	U	1.9	1.9	U	1.9	1.9	U
4-Nitroaniline	ug/L	1	1	UJ	0.96	0.96	UJ	0.96	0.96	UJ	0.96	0.96	UJ
4-Nitrophenol	ug/L	16	16	U	14	14	U	14	14	U	14	14	U
5-Nitro-o-toluidine	ug/L	1	1	U	0.96	0.96	U	0.96	0.96	U	0.96	0.96	U
7,12-Dimethylbenz(a)anthracene	ug/L	1	1	U	0.96	0.96	U	0.96	0.96	U	0.96	0.96	U
Acenaphthene	ug/L	1	1	U	0.96	0.96	U	0.96	0.96	U	0.96	0.96	U
Acenaphthylene	ug/L	1	1	U	0.96	0.96	U	0.96	0.96	U	0.96	0.96	U
Acetophenone	ug/L	1	1	U	0.96	0.96	U	0.96	0.96	U	0.96	0.96	U
Acifluorfen	ug/L	0.2	0.2	U	0.21	0.21	U	0.21	0.21	U	0.2	0.2	U
Aniline	ug/L	1	1	U	0.96	0.96	U	0.96	0.96	U	0.96	0.96	U
Anthracene	ug/L	1	1	U	0.96	0.96	U	0.96	0.96	U	0.96	0.96	U
Azobenzene/1,2-Diphenylhydrazine	ug/L	1	1	U	0.96	0.96	U	0.96	0.96	U	0.96	0.96	U
Benzidine	ug/L	100	100	U	96	96	U	96	96	U	96	96	U
Benzo(a)anthracene	ug/L	1	1	U	0.96	0.96	U	0.96	0.96	U	0.96	0.96	U

Table 2: Location 24 Analytical Results

Semi-Volatile Organic Compounds	Units	24-PRE Results	MDL	Remark	24-POST Results	MDL	Remark	24-POST Dup Results	MDL	Remark	24-POST RO Results	MDL	Remark
Benzo(a)pyrene	ug/L	1	1	U	0.96	0.96	U	0.96	0.96	U	0.96	0.96	U
Benzo(b)fluoranthene	ug/L	1	1	U	0.96	0.96	U	0.96	0.96	U	0.96	0.96	U
Benzo(g,h,i)perylene	ug/L	1	1	U	0.96	0.96	U	0.96	0.96	U	0.96	0.96	U
Benzo(k)fluoranthene	ug/L	1	1	U	0.96	0.96	U	0.96	0.96	U	0.96	0.96	U
Benzyl alcohol	ug/L	1	1	U	0.96	0.96	U	0.96	0.96	U	0.96	0.96	U
Bis(2-chloroethoxy)methane	ug/L	1	1	U	0.96	0.96	U	0.96	0.96	U	0.96	0.96	U
Bis(2-chloroethyl)ether	ug/L	1	1	U	0.96	0.96	U	0.96	0.96	U	0.96	0.96	U
Bis(2-chloroisopropyl)ether	ug/L	3.1	3.1	U	2.9	2.9	U	2.9	2.9	U	2.9	2.9	U
Bis(2-ethylhexyl)phthalate	ug/L	16	16	U	14	14	U	14	14	U	14	14	U
Butyl benzyl phthalate	ug/L	5.2	5.2	U	4.8	4.8	U	4.8	4.8	U	4.8	4.8	U
Carbazole	ug/L				0.96	0.96	U	0.96	0.96	U	0.96	0.96	U
Chrysene	ug/L	1	1	U	0.96	0.96	U	0.96	0.96	U	0.96	0.96	U
Dibenzo(a,h)anthracene	ug/L	1	1	U	0.96	0.96	U	0.96	0.96	U	0.96	0.96	U
Dibenzofuran	ug/L	1	1	U	0.96	0.96	U	0.96	0.96	U	0.96	0.96	U
Diethyl phthalate	ug/L	1	1	U	0.96	0.96	U	0.96	0.96	U	0.96	0.96	U
Dimethyl phthalate	ug/L	10	10	U	9.6	9.6	U	9.6	9.6	U	9.6	9.6	U
Dimethylaminoazobenzene	ug/L	1	1	U	0.96	0.96	U	0.96	0.96	U	0.96	0.96	U
Di-n-butyl phthalate	ug/L	5.2	5.2	U	4.8	4.8	U	4.8	4.8	U	4.8	4.8	U
Di-n-octyl phthalate	ug/L	1	1	UJ	0.96	0.96	U	0.96	0.96	U	0.96	0.96	U
Dinoseb	ug/L	4.2	4.2	U	3.8	3.8	U	3.8	3.8	U	3.9	3.9	U
Ethyl methanesulfonate	ug/L	1	1	U	0.96	0.96	U	0.96	0.96	U	0.96	0.96	U
Fluoranthene	ug/L	1	1	U	0.96	0.96	U	0.96	0.96	U	0.96	0.96	U
Fluorene	ug/L	1	1	U	0.96	0.96	U	0.96	0.96	U	0.96	0.96	U
Hexachlorobenzene	ug/L	1	1	U	0.96	0.96	U	0.96	0.96	U	0.96	0.96	U
Hexachlorobutadiene	ug/L	3.1	3.1	U	2.9	2.9	U	2.9	2.9	U	2.9	2.9	U
Hexachlorocyclopentadiene	ug/L	3.1	3.1	U	2.9	2.9	U	2.9	2.9	U	2.9	2.9	U
Hexachloroethane	ug/L	3.1	3.1	U	2.9	2.9	U	2.9	2.9	U	2.9	2.9	U
Hexachloropropene	ug/L	2.1	2.1	U	1.9	1.9	UJ	1.9	1.9	UJ	1.9	1.9	UJ

Table 2: Location 24 Analytical Results

Semi-Volatile Organic Compounds	Units	24-PRE Results	MDL	Remark	24-POST Results	MDL	Remark	24-POST Dup Results	MDL	Remark	24-POST RO Results	MDL	Remark
Indeno(1,2,3-cd)pyrene	ug/L	1	1	U	0.96	0.96	U	0.96	0.96	U	0.96	0.96	U
Isophorone	ug/L	1	1	U	0.96	0.96	U	0.96	0.96	U	0.96	0.96	U
Isosafrole	ug/L	1	1	U	0.96	0.96	UJ	0.96	0.96	UJ	0.96	0.96	UJ
m,p-Cresols	ug/L	2.1	2.1	U	1.9	1.9	U	1.9	1.9	U	1.9	1.9	U
Methapyrilene	ug/L	4.2	4.2	UJ	3.8	3.8	UJ	3.8	3.8	UJ	3.9	3.9	UJ
Methyl methanesulfonate	ug/L	1	1	UJ	0.96	0.96	UJ	0.96	0.96	UJ	0.96	0.96	UJ
Naphthalene	ug/L	1	1	U	0.96	0.96	U	0.96	0.96	U	0.96	0.96	U
Nitrobenzene	ug/L	2.1	2.1	U	1.9	1.9	U	1.9	1.9	U	1.9	1.9	U
Nitroquinoline-1-oxide	ug/L	21	21	UJ	19	19	U	19	19	U	19	19	U
N-Nitrosodiethylamine	ug/L	1	1	U	0.96	0.96	U	0.96	0.96	U	0.96	0.96	U
N-Nitrosodimethylamine	ug/L	2.1	2.1	U	1.9	1.9	U	1.9	1.9	U	1.9	1.9	U
N-Nitrosodi-n-butylamine	ug/L				0.96	0.96	U	0.96	0.96	U	0.96	0.96	U
N-Nitrosodi-n-propylamine	ug/L	2.1	2.1	U	1.9	1.9	U	1.9	1.9	U	1.9	1.9	U
N-Nitrosodiphenylamine/ Diphenylamine	ug/L	3.1	3.1	U	2.9	2.9	U	2.9	2.9	U	2.9	2.9	U
N-Nitrosomethylethylamine	ug/L	2.1	2.1	U	1.9	1.9	U	1.9	1.9	U	1.9	1.9	U
N-Nitrosomorpholine	ug/L	1	1	U	0.96	0.96	U	0.96	0.96	U	0.96	0.96	U
N-Nitrosopiperidine	ug/L	1	1	U	0.96	0.96	U	0.96	0.96	U	0.96	0.96	U
N-Nitrosopyrrolidine	ug/L	2.1	2.1	U	1.9	1.9	U	1.9	1.9	U	1.9	1.9	U
o-Cresol	ug/L	2.1	2.1	U	1.9	1.9	U	1.9	1.9	U	1.9	1.9	U
o-Toluidine	ug/L	1	1	U	0.96	0.96	U	0.96	0.96	U	0.96	0.96	U
Pentachlorobenzene	ug/L	1	1	U	0.96	0.96	U	0.96	0.96	U	0.96	0.96	U
Pentachloroethane	ug/L	52	52	U	48	48	U	48	48	U	48	48	U
Pentachloronitrobenzene	ug/L	1	1	U	0.96	0.96	U	0.96	0.96	U	0.96	0.96	U
Pentachlorophenol	ug/L	3.1	3.1	U	2.9	2.9	U	2.9	2.9	U	2.9	2.9	U
Phenacetin	ug/L	4.2	4.2	U	3.8	3.8	U	3.8	3.8	U	3.9	3.9	U
Phenanthrene	ug/L	1	1	U	0.96	0.96	U	0.96	0.96	U	0.96	0.96	U
Phenol	ug/L	1	1	U	0.96	0.96	U	0.96	0.96	U	0.96	0.96	U
Pyrene	ug/L	1	1	U	0.96	0.96	U	0.96	0.96	U	0.96	0.96	U

Table 2: Location 24 Analytical Results

Semi-Volatile Organic Compounds	Units	24-PRE Results	MDL	Remark	24-POST Results	MDL	Remark	24-POST Dup Results	MDL	Remark	24-POST RO Results	MDL	Remark
Pyridine	ug/L	4.2	4.2	U	3.8	3.8	U	3.8	3.8	U	3.9	3.9	U
Safrole	ug/L	1	1	U	0.96	0.96	U	0.96	0.96	U	0.96	0.96	U
TRPH	mg/L	0.25	0.25	U	0.24	0.24	U	0.24	0.24	U	0.24	0.24	U
Pesticides/Herbicides/PCBs	Units	24-PRE Results	MDL	Remark	24-POST Results	MDL	Remark	24-POST Dup Results	MDL	Remark	24-POST RO Results	MDL	Remark
1,2-Dibromo-3-Chloropropane	ug/L				0.01	0.01	U	0.01	0.01	U	0.01	0.01	U
1,2-Dibromoethane	ug/L	0.01	0.01	U	0.01	0.01	U	0.01	0.01	U	0.01	0.01	U
2,4,5-T	ug/L	0.2	0.2	U	0.21	0.21	U	0.21	0.21	U	0.2	0.2	U
2,4-D	ug/L	0.2	0.2	U	0.21	0.21	U	0.21	0.21	U	0.2	0.2	U
Alachlor	ug/L	0.62	0.62	UJ	0.58	0.58	U	0.57	0.57	U	0.73	0.73	U
Aldrin	ug/L	0.01	0.01	U	0.0096	0.0096	U	0.0096	0.0096	U	0.012	0.012	U
Alpha-BHC	ug/L	0.01	0.01	U	0.0096	0.0096	U	0.0096	0.0096	U	0.012	0.012	U
Ametryn	ug/L	0.051	0.051	U	0.048	0.048	U	0.048	0.048	U	0.061	0.061	U
Atrazine	ug/L	0.051	0.051	U	0.048	0.048	U	0.048	0.048	U	0.061	0.061	U
Azinphos Methyl	ug/L	0.21	0.21	UJ	0.19	0.19	U	0.19	0.19	U	0.24	0.24	U
Beta-BHC	ug/L	0.01	0.01	U	0.0096	0.0096	U	0.0096	0.0096	U	0.012	0.012	U
Bromacil	ug/L	0.21	0.21	UJ	0.19	0.19	U	0.19	0.19	U	0.24	0.24	U
Butylate	ug/L	0.21	0.21	UJ	0.19	0.19	U	0.19	0.19	U	0.24	0.24	U
Chlordane	ug/L	0.21	0.21	U	0.19	0.19	U	0.19	0.19	U	0.24	0.24	U
Chlorpyrifos Ethyl	ug/L	0.051	0.051	U	0.048	0.048	U	0.048	0.048	U	0.061	0.061	U
Chlorpyrifos Methyl	ug/L	0.1	0.1	U	0.096	0.096	U	0.096	0.096	U	0.12	0.12	U
DDD-p,p'	ug/L	0.021	0.021	U	0.019	0.019	U	0.019	0.019	U	0.024	0.024	U
DDE-p,p'	ug/L	0.021	0.021	U	0.019	0.019	U	0.019	0.019	U	0.024	0.024	U
DDT-p,p'	ug/L	0.031	0.031	U	0.029	0.029	U	0.029	0.029	U	0.037	0.037	U
Delta-BHC	ug/L	0.01	0.01	U	0.0096	0.0096	U	0.0096	0.0096	U	0.012	0.012	U
Diazinon	ug/L	0.051	0.051	U	0.048	0.048	U	0.048	0.048	U	0.061	0.061	U
Dieldrin	ug/L	0.021	0.021	U	0.019	0.019	U	0.019	0.019	U	0.024	0.024	U

Table 2: Location 24 Analytical Results

Pesticides/Herbicides/PCBs	Units	24-PRE Results	MDL	Remark	24-POST Results	MDL	Remark	24-POST Dup Results	MDL	Remark	24-POST RO Results	MDL	Remark
Endosulfan I	ug/L	0.021	0.021	U	0.019	0.019	U	0.019	0.019	U	0.024	0.024	U
Endosulfan II	ug/L	0.021	0.021	U	0.019	0.019	U	0.019	0.019	U	0.024	0.024	U
Endosulfan Sulfate	ug/L	0.021	0.021	U	0.019	0.019	U	0.019	0.019	U	0.024	0.024	U
Endrin	ug/L	0.051	0.051	U	0.048	0.048	U	0.048	0.048	U	0.061	0.061	U
Endrin Aldehyde	ug/L	0.021	0.021	U	0.019	0.019	U	0.019	0.019	U	0.024	0.024	U
Ethion	ug/L	0.051	0.051	U	0.048	0.048	U	0.048	0.048	U	0.061	0.061	U
Ethoprop	ug/L	0.1	0.1	U	0.096	0.096	U	0.096	0.096	U	0.12	0.12	U
Fenamiphos	ug/L	0.21	0.21	U	0.19	0.19	U	0.19	0.19	U	0.24	0.24	U
Fonofos	ug/L	0.1	0.1	U	0.096	0.096	UJ	0.096	0.096	UJ	0.12	0.12	UJ
Gamma-BHC	ug/L	0.01	0.01	U	0.0096	0.009 6	U	0.0096	0.009 6	U	0.012	0.012	U
Heptachlor	ug/L	0.01	0.01	U	0.0096	0.009 6	U	0.0096	0.009 6	U	0.012	0.012	U
Heptachlor Epoxide	ug/L	0.021	0.021	U	0.019	0.019	U	0.019	0.019	U	0.024	0.024	U
Hexazinone	ug/L	0.1	0.1	U	0.096	0.096	U	0.096	0.096	U	0.12	0.12	U
Malathion	ug/L	0.15	0.15	U	0.14	0.14	U	0.14	0.14	U	0.18	0.18	U
Metalaxyl	ug/L	0.26	0.26	U	0.24	0.24	U	0.24	0.24	U	0.31	0.31	U
Methoxychlor	ug/L	0.051	0.051	U	0.048	0.048	UJ	0.048	0.048	UJ	0.061	0.061	UJ
Metolachlor	ug/L	0.51	0.51	UJ	0.48	0.48	U	0.48	0.48	U	0.61	0.61	U
Metribuzin	ug/L	0.1	0.1	U	0.096	0.096	UJ	0.096	0.096	UJ	0.12	0.12	UJ
Mevinphos	ug/L	0.21	0.21	U	0.19	0.19	U	0.19	0.19	U	0.24	0.24	U
Naled	ug/L	0.82	0.82	U	0.77	0.77	U	0.77	0.77	U	0.98	0.98	U
Norflurazon	ug/L	0.15	0.15	U	0.14	0.14	U	0.14	0.14	U	0.18	0.18	U
Parathion Ethyl	ug/L	0.15	0.15	U	0.14	0.14	U	0.14	0.14	U	0.18	0.18	U
Parathion Methyl	ug/L	0.1	0.1	U	0.096	0.096	U	0.096	0.096	U	0.12	0.12	U
PCB-1016	ug/L	0.21	0.21	U	0.19	0.19	U	0.19	0.19	U	0.24	0.24	U
PCB-1221	ug/L	0.21	0.21	U	0.19	0.19	U	0.19	0.19	U	0.24	0.24	U
PCB-1232	ug/L	0.21	0.21	U	0.19	0.19	U	0.19	0.19	U	0.24	0.24	U
PCB-1242	ug/L	0.31	0.31	U	0.29	0.29	U	0.29	0.29	U	0.37	0.37	U
PCB-1248	ug/L	0.21	0.21	U	0.19	0.19	U	0.19	0.19	U	0.24	0.24	U

Table 2: Location 24 Analytical Results

Pesticides/Herbicides/PCBs	Units	24-PRE Results	MDL	Remark	24-POST Results	MDL	Remark	24-POST Dup Results	MDL	Remark	24-POST RO Results	MDL	Remark
PCB-1254	ug/L	0.31	0.31	U	0.29	0.29	U	0.29	0.29	U	0.37	0.37	U
PCB-1260	ug/L	0.21	0.21	U	0.19	0.19	U	0.19	0.19	U	0.24	0.24	U
Phorate	ug/L	0.051	0.051	U	0.048	0.048	U	0.048	0.048	U	0.061	0.061	U
Prometryn	ug/L	0.15	0.15	U	0.14	0.14	U	0.14	0.14	U	0.18	0.18	U
Silvex	ug/L	0.2	0.2	U	0.21	0.21	U	0.21	0.21	U	0.2	0.2	U
Simazine	ug/L	0.051	0.051	U	0.048	0.048	U	0.048	0.048	U	0.061	0.061	U
Toxaphene	ug/L	0.77	0.77	U	0.72	0.72	U	0.72	0.72	U	0.92	0.92	U
Metals	Units	24-PRE Results	MDL	Remark	24-POST Results	MDL	Remark	24-POST Dup Results	MDL	Remark	24-POST RO Results	MDL	Remark
Aluminum	ug/L	5	5	U	60	60	U	60	60	U	60	60	U
Antimony	ug/L				0.25	0.25	U	0.25	0.25	U	0.25	0.25	U
Arsenic	ug/L	1.26	0.25		0.75	0.25	I	0.69	0.25	I	0.25	0.25	U
Barium	ug/L	38.5	0.2		0.96	0.2		0.72	0.2	I	0.73	0.2	I
Beryllium	ug/L				0.025	0.025	U	0.025	0.025	U	0.025	0.025	U
Boron	ug/L				31	15	I	32	15	I	27	15	I
Cadmium	ug/L	0.03	0.03	U	0.03	0.03	U	0.03	0.03	U	0.03	0.03	U
Calcium	mg/L				1.4	0.075		1.36	0.075		0.28	0.075	I
Chromium	ug/L	0.3	0.3	U	0.3	0.3	U	0.3	0.3	U	0.3	0.3	U
Cobalt	ug/L				0.068	0.03	I	0.061	0.03	I	0.03	0.03	U
Copper	ug/L	0.67	0.5		25.4	0.5		27.3	0.5		1.3	0.5	
Iron	ug/L				61	30	I	41	30	I	30	30	U
Lead	ug/L	0.2	0.2	U	0.25	0.2	I	0.25	0.2	I	0.23	0.2	I
Magnesium	mg/L				0.04	0.04	U	0.04	0.04	U	0.04	0.04	U
Manganese	ug/L				0.75	0.75	U	0.75	0.75	U	0.75	0.75	U
Mercury	ug/L	0.12	0.12	U	0.12	0.12	U	0.12	0.12	U	0.12	0.12	U
Molybdenum	ug/L				0.15	0.15	U	0.15	0.15	U	0.15	0.15	U
Nickel	ug/L				0.5	0.25	I	0.51	0.25	I	0.25	0.25	U
Potassium	mg/L	0.21	0.21	U	0.3	0.3	U	0.35	0.3	I	0.3	0.3	U

Table 2: Location 24 Analytical Results

Metals	Units	24-PRE Results	MDL	Remark	24-POST Results	MDL	Remark	24-POST Dup Results	MDL	Remark	24-POST RO Results	MDL	Remark
Selenium	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
Silver	ug/L	0.025	0.025	U	0.025	0.025	U	0.025	0.025	U	0.025	0.025	U
Sodium	mg/L				260	2.5		258	2.5		11.7	0.5	
Strontium	ug/L	743	2		4.4	2	I	4.2	2	I	2	2	U
Thallium	ug/L				0.1	0.1	U	0.1	0.1	U	0.1	0.1	U
Tin	ug/L				3	3	U	3	3	U	3	3	U
Titanium	ug/L	0.5	0.5	U	0.75	0.75	U	0.75	0.75	U	0.75	0.75	U
Vanadium	ug/L				2	2	U	2	2	U	2	2	U
Zinc	ug/L				5	5	U	5	5	U	5	5	U
Radionuclides	Units	24-PRE Results	MDL	Remark	24-POST Results	MDL	Remark	24-POST Dup Results	MDL	Remark	24-POST RO Results	MDL	Remark
Alpha, Total	pCi/L	6.9 9.8*			2.1		U	1.8		U	0.9		U
Alpha-Counting Error	pCi/L	2.3 2.8*			1.3			1.3			0.6		
Beta, Total	pCi/L				2.1		U	2.9		U	1.7		U
Beta-Counting Error	pCi/L				1.3			1.8			1		
Radium 226	pCi/L	5.2*			0.2		U	0.2			0.2		U
Radium 226-Counting Error	pCi/L	0.3*			0.1			0.1			0.1		
Radium 228	pCi/L	0.9*		U	1		U	0.9		U	1		U
Radium 228-Counting Error	pCi/L	0.5*			0.6			0.6			0.6		
Additional Analytes	Units	24-PRE Results	MDL	Remark	24-POST Results	MDL	Remark	24-POST Dup Results	MDL	Remark	24-POST RO Results	MDL	Remark
1,4-Dioxane	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
NO2NO3-N	mg N/L	0.02	0.02	U	0.004	0.004	U	0.004	0.004	U	0.059	0.004	
Perchlorate	ug/L				1.2	1.2	U	0.6	0.6	U	0.3	0.3	U

*: Collected during August 2009 second sample event (August 27th)

If a cell is blank, then that particular component's analysis was not performed.

Table 2: Location 24 Analytical Results

0.8 Gray shading indicates analyte was detected above the laboratories method detection limit but at a concentration below any applicable Florida Drinking Water Standard or Groundwater Cleanup Target Level.

256 Yellow shading indicates analyte was detected above the laboratories method detection limit at a concentration exceeding either a Florida Drinking Water Standard or Groundwater Cleanup Target Level.

Location 25

Table 1: Summary of FDWS/GCTLs Exceedances and Radionuclides in Water Samples Collected Pre- and Post-Treatment from Location 25
February 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation

Analyte	FDWS/GCTL	25-Pre Aug 09	25-Post
<i>Exceedances</i>			
Sodium	160 mg/L (FPDWS)	NA	267
<i>Radionuclides</i>			
Total Alpha	15pCi/L (FPDWS)	10.7, 7.4	ND
Radium 226/228	5 pCi/L (FPDWS)	4.6	1.2
Total Beta	50 pCi/L (FDEPSL)	NA	1.9
No Exceedances for Radionuclides			

FDWS=Florida Drinking Water Standard

GCTL=Ground Water Cleanup Target Level

FPDWS= Florida Primary Drinking Water Standard

FSDWS=Florida Secondary Drinking Water Standard

FDEPSL=FDEP Screening Level

ND=Non Detect

NA=Not Analyzed

Gray Shading= Analyte Detected

Yellow Shading=Exceedance of FDWS/GCTL

ug/L= micrograms per Liter

pCi/L=picocuries per Liter

mg/L=milligrams per Liter

Table 2: Location 25 Analytical Results

Volatile Organic Compounds	Units	25-PRE Results	MDL	Remark	25-POST Results	MDL	Remark
1,1,1-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1,2,2-Tetrachloroethane	ug/L	0.5	0.5	UJ	0.5	0.5	U
1,1,2-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
1,2-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
1,2-Dichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,2-Dichloropropane	ug/L	0.5	0.5	U	0.5	0.5	U
1,3-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
1,4-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
Benzene	ug/L	0.2	0.2	U	0.2	0.2	U
Bromodichloromethane	ug/L	0.2	0.2	U	0.2	0.2	U
Bromoform	ug/L	0.5	0.5	U	0.5	0.5	UJ
Bromomethane	ug/L	0.5	0.5	UJ	0.5	0.5	UJ
Carbon tetrachloride	ug/L	0.2	0.2	U	0.2	0.2	U
Chlorobenzene	ug/L	0.2	0.2	U	0.2	0.2	U
Chloroethane	ug/L	0.5	0.5	UJ	0.5	0.5	U
Chloroform	ug/L	0.2	0.2	U	1.2	0.2	
Chloromethane	ug/L	0.5	0.5	U	0.5	0.5	UJ
cis-1,2-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
cis-1,3-Dichloropropene	ug/L	0.5	0.5	U	0.5	0.5	U
Dibromochloromethane	ug/L	0.2	0.2	U	0.2	0.2	U
Ethylbenzene	ug/L	0.5	0.5	U	0.5	0.5	U
m,p-Xylene	ug/L	0.5	0.5	U	0.5	0.5	U
Methylene chloride	ug/L	0.5	0.5	U	0.5	0.5	UJ
Methyl-t-butyl ether	ug/L	0.5	0.5	U	0.5	0.5	U
o-Xylene	ug/L	0.2	0.2	U	0.2	0.2	U
Tetrachloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
Toluene	ug/L	0.5	0.5	U	0.5	0.5	U

Table 2: Location 25 Analytical Results

Volatile Organic Compounds	Units	25-PRE Results	MDL	Remark	25-POST Results	MDL	Remark
trans-1,2-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
trans-1,3-Dichloropropene	ug/L	0.2	0.2	U	0.2	0.2	U
Trichloroethene	ug/L	0.2	0.2	UJ	0.2	0.2	UJ
Trichlorofluoromethane	ug/L	0.5	0.5	U	0.5	0.5	U
Vinyl chloride	ug/L	0.5	0.5	U	0.5	0.5	U
Semi-Volatile Organic Compounds	Units	25-PRE Results	MDL	Remark	25-POST Results	MDL	Remark
1,2,4,5-Tetrachlorobenzene	ug/L	0.97	0.97	U	0.97	0.97	U
1,2,4-Trichlorobenzene	ug/L	0.97	0.97	U	0.97	0.97	U
1,3,5-Trinitrobenzene	ug/L	3.9	3.9	U	3.9	3.9	U
1,3-Dinitrobenzene	ug/L	1.9	1.9	U	1.9	1.9	U
1,4-Naphthoquinone	ug/L	19	19	UJ	19	19	UJ
1-Methylnaphthalene	ug/L				0.97	0.97	U
1-Naphthylamine	ug/L	9.7	9.7	U	9.7	9.7	UJ
2,3,4,6-Tetrachlorophenol	ug/L	1.9	1.9	U	1.9	1.9	U
2,4,5-Trichlorophenol	ug/L	0.97	0.97	U	0.97	0.97	U
2,4,6-Trichlorophenol	ug/L	0.97	0.97	U	0.97	0.97	U
2,4-Dichlorophenol	ug/L	0.97	0.97	U	0.97	0.97	U
2,4-Dimethylphenol	ug/L	9.7	9.7	U	9.7	9.7	UJ
2,4-Dinitrophenol	ug/L	15	15	U	15	15	U
2,4-Dinitrotoluene	ug/L	0.97	0.97	U	0.97	0.97	U
2,6-Dichlorophenol	ug/L	0.97	0.97	U	0.97	0.97	U
2,6-Dinitrotoluene	ug/L	0.97	0.97	U	0.97	0.97	U
2-Acetylaminofluorene	ug/L	0.97	0.97	U	0.97	0.97	U
2-Butanone	ug/L	10	10	U	5	5	U
2-Chloronaphthalene	ug/L	0.97	0.97	U	0.97	0.97	U
2-Chlorophenol	ug/L	0.97	0.97	U	0.97	0.97	U
2-Methyl-4,6-dinitrophenol	ug/L	2.9	2.9	U	2.9	2.9	U
2-Methylnaphthalene	ug/L	0.97	0.97	U	0.97	0.97	U

Table 2: Location 25 Analytical Results

Semi-Volatile Organic Compounds	Units	25-PRE Results	MDL	Remark	25-POST Results	MDL	Remark
2-Naphthylamine	ug/L	9.7	9.7	U	9.7	9.7	U
2-Nitroaniline	ug/L	0.97	0.97	U	0.97	0.97	U
2-Nitrophenol	ug/L	0.97	0.97	U	0.97	0.97	U
2-Picoline	ug/L	0.97	0.97	U	0.97	0.97	U
3,3'-Dichlorobenzidine	ug/L	39	39	U	39	39	UJ
3,3'-Dimethylbenzidine	ug/L	19	19	U	19	19	UJ
3-Methylcholanthrene	ug/L	0.97	0.97	U	0.97	0.97	U
3-Nitroaniline	ug/L	0.97	0.97	U	0.97	0.97	U
4-Aminobiphenyl	ug/L	3.9	3.9	U	3.9	3.9	U
4-Bromophenyl phenyl ether	ug/L	0.97	0.97	U	0.97	0.97	U
4-Chloro-3-methylphenol	ug/L	0.97	0.97	U	0.97	0.97	U
4-Chloroaniline	ug/L	0.97	0.97	U	0.97	0.97	U
4-Chlorophenyl phenyl ether	ug/L	1.9	1.9	U	1.9	1.9	U
4-Nitroaniline	ug/L	0.97	0.97	UJ	0.97	0.97	UJ
4-Nitrophenol	ug/L	15	15	U	15	15	U
5-Nitro-o-toluidine	ug/L	0.97	0.97	U	0.97	0.97	U
7,12-Dimethylbenz(a)anthracene	ug/L	0.97	0.97	U	0.97	0.97	U
Acenaphthene	ug/L	0.97	0.97	U	0.97	0.97	U
Acenaphthylene	ug/L	0.97	0.97	U	0.97	0.97	U
Acetophenone	ug/L	0.97	0.97	U	0.97	0.97	U
Acifluorfen	ug/L	0.2	0.2	U	0.22	0.22	U
Aniline	ug/L	0.97	0.97	U	0.97	0.97	U
Anthracene	ug/L	0.97	0.97	U	0.97	0.97	U
Azobenzene/1,2-Diphenylhydrazine	ug/L	0.97	0.97	U	0.97	0.97	U
Benzidine	ug/L	97	97	U	97	97	U
Benzo(a)anthracene	ug/L	0.97	0.97	U	0.97	0.97	U
Benzo(a)pyrene	ug/L	0.97	0.97	U	0.97	0.97	U
Benzo(b)fluoranthene	ug/L	0.97	0.97	U	0.97	0.97	U
Benzo(g,h,i)perylene	ug/L	0.97	0.97	U	0.97	0.97	U

Table 2: Location 25 Analytical Results

Semi-Volatile Organic Compounds	Units	25-PRE Results	MDL	Remark	25-POST Results	MDL	Remark
Benzo(k)fluoranthene	ug/L	0.97	0.97	U	0.97	0.97	U
Benzyl alcohol	ug/L	0.97	0.97	U	0.97	0.97	U
Bis(2-chloroethoxy)methane	ug/L	0.97	0.97	U	0.97	0.97	U
Bis(2-chloroethyl)ether	ug/L	0.97	0.97	U	0.97	0.97	U
Bis(2-chloroisopropyl)ether	ug/L	2.9	2.9	U	2.9	2.9	U
Bis(2-ethylhexyl)phthalate	ug/L	15	15	U	15	15	U
Butyl benzyl phthalate	ug/L	4.8	4.8	U	4.9	4.9	U
Carbazole	ug/L				0.97	0.97	U
Chrysene	ug/L	0.97	0.97	U	0.97	0.97	U
Dibenzo(a,h)anthracene	ug/L	0.97	0.97	U	0.97	0.97	U
Dibenzofuran	ug/L	0.97	0.97	U	0.97	0.97	U
Diethyl phthalate	ug/L	0.97	0.97	U	0.97	0.97	U
Dimethyl phthalate	ug/L	9.7	9.7	U	9.7	9.7	U
Dimethylaminoazobenzene	ug/L	0.97	0.97	U	0.97	0.97	U
Di-n-butyl phthalate	ug/L	4.8	4.8	U	4.9	4.9	U
Di-n-octyl phthalate	ug/L	0.97	0.97	UJ	0.97	0.97	U
Dinoseb	ug/L	3.9	3.9	U	3.9	3.9	U
Ethyl methanesulfonate	ug/L	0.97	0.97	U	0.97	0.97	U
Fluoranthene	ug/L	0.97	0.97	U	0.97	0.97	U
Fluorene	ug/L	0.97	0.97	U	0.97	0.97	U
Hexachlorobenzene	ug/L	0.97	0.97	U	0.97	0.97	U
Hexachlorobutadiene	ug/L	2.9	2.9	U	2.9	2.9	U
Hexachlorocyclopentadiene	ug/L	2.9	2.9	U	2.9	2.9	U
Hexachloroethane	ug/L	2.9	2.9	U	2.9	2.9	U
Hexachloropropene	ug/L	1.9	1.9	U	1.9	1.9	UJ
Indeno(1,2,3-cd)pyrene	ug/L	0.97	0.97	U	0.97	0.97	U
Isophorone	ug/L	0.97	0.97	U	0.97	0.97	U
Isosafrole	ug/L	0.97	0.97	U	0.97	0.97	UJ
m,p-Cresols	ug/L	1.9	1.9	U	1.9	1.9	U

Table 2: Location 25 Analytical Results

Semi-Volatile Organic Compounds	Units	25-PRE Results	MDL	Remark	25-POST Results	MDL	Remark
Methapyrilene	ug/L	3.9	3.9	UJ	3.9	3.9	UJ
Methyl methanesulfonate	ug/L	0.97	0.97	UJ	0.97	0.97	UJ
Naphthalene	ug/L	0.97	0.97	U	0.97	0.97	U
Nitrobenzene	ug/L	1.9	1.9	U	1.9	1.9	U
Nitroquinoline-1-oxide	ug/L	19	19	U	19	19	U
N-Nitrosodiethylamine	ug/L	0.97	0.97	U	0.97	0.97	U
N-Nitrosodimethylamine	ug/L	1.9	1.9	U	1.9	1.9	U
N-Nitrosodi-n-butylamine	ug/L				0.97	0.97	U
N-Nitrosodi-n-propylamine	ug/L	1.9	1.9	U	1.9	1.9	U
N-Nitrosodiphenylamine/ Diphenylamine	ug/L	2.9	2.9	U	2.9	2.9	U
N-Nitrosomethylethylamine	ug/L	1.9	1.9	U	1.9	1.9	U
N-Nitrosomorpholine	ug/L	0.97	0.97	U	0.97	0.97	U
N-Nitrosopiperidine	ug/L	0.97	0.97	U	0.97	0.97	U
N-Nitrosopyrrolidine	ug/L	1.9	1.9	U	1.9	1.9	U
o-Cresol	ug/L	1.9	1.9	U	1.9	1.9	U
o-Toluidine	ug/L	0.97	0.97	U	0.97	0.97	U
Pentachlorobenzene	ug/L	0.97	0.97	U	0.97	0.97	U
Pentachloroethane	ug/L	48	48	U	49	49	U
Pentachloronitrobenzene	ug/L	0.97	0.97	U	0.97	0.97	U
Pentachlorophenol	ug/L	2.9	2.9	U	2.9	2.9	U
Phenacetin	ug/L	3.9	3.9	U	3.9	3.9	U
Phenanthrene	ug/L	0.97	0.97	U	0.97	0.97	U
Phenol	ug/L	0.97	0.97	U	0.97	0.97	U
Pyrene	ug/L	0.97	0.97	U	0.97	0.97	U
Pyridine	ug/L	3.9	3.9	U	3.9	3.9	U
Safrole	ug/L	0.97	0.97	U	0.97	0.97	U
TRPH	mg/L	0.24	0.24	U	0.24	0.24	U

Table 2: Location 25 Analytical Results

Pesticides/Herbicides/PCBs	Units	25-PRE Results	MDL	Remark	25-POST Results	MDL	Remark
1,2-Dibromo-3-Chloropropane	ug/L				0.01	0.01	U
1,2-Dibromoethane	ug/L	0.01	0.01	U	0.01	0.01	U
2,4,5-T	ug/L	0.2	0.2	U	0.22	0.22	U
2,4-D	ug/L	0.2	0.2	U	0.22	0.22	U
Alachlor	ug/L	0.58	0.58	UJ	0.6	0.6	U
Aldrin	ug/L	0.0096	0.0096	U	0.01	0.01	U
Alpha-BHC	ug/L	0.0096	0.0096	U	0.01	0.01	U
Ametryn	ug/L	0.048	0.048	U	0.05	0.05	U
Atrazine	ug/L	0.048	0.048	U	0.05	0.05	U
Azinphos Methyl	ug/L	0.19	0.19	U	0.2	0.2	U
Beta-BHC	ug/L	0.0096	0.0096	U	0.01	0.01	U
Bromacil	ug/L	0.19	0.19	U	0.2	0.2	U
Butylate	ug/L	0.19	0.19	UJ	0.2	0.2	U
Chlordane	ug/L	0.19	0.19	U	0.2	0.2	U
Chlorpyrifos Ethyl	ug/L	0.048	0.048	U	0.05	0.05	U
Chlorpyrifos Methyl	ug/L	0.096	0.096	U	0.1	0.1	U
DDD-p,p'	ug/L	0.019	0.019	U	0.02	0.02	U
DDE-p,p'	ug/L	0.019	0.019	U	0.02	0.02	U
DDT-p,p'	ug/L	0.029	0.029	U	0.03	0.03	U
Delta-BHC	ug/L	0.0096	0.0096	U	0.01	0.01	U
Diazinon	ug/L	0.048	0.048	U	0.05	0.05	U
Dieldrin	ug/L	0.019	0.019	U	0.02	0.02	U
Endosulfan I	ug/L	0.019	0.019	U	0.02	0.02	U
Endosulfan II	ug/L	0.019	0.019	U	0.02	0.02	U
Endosulfan Sulfate	ug/L	0.019	0.019	U	0.02	0.02	U
Endrin	ug/L	0.048	0.048	U	0.05	0.05	U
Endrin Aldehyde	ug/L	0.019	0.019	U	0.02	0.02	U
Ethion	ug/L	0.048	0.048	U	0.05	0.05	U
Ethoprop	ug/L	0.096	0.096	U	0.1	0.1	U

Table 2: Location 25 Analytical Results

Pesticides/Herbicides/PCBs	Units	25-PRE Results	MDL	Remark	25-POST Results	MDL	Remark
Fenamiphos	ug/L	0.19	0.19	U	0.2	0.2	U
Fonofos	ug/L	0.096	0.096	U	0.1	0.1	UJ
Gamma-BHC	ug/L	0.0096	0.0096	U	0.01	0.01	U
Heptachlor	ug/L	0.0096	0.0096	U	0.01	0.01	U
Heptachlor Epoxide	ug/L	0.019	0.019	U	0.02	0.02	U
Hexazinone	ug/L	0.096	0.096	U	0.1	0.1	U
Malathion	ug/L	0.14	0.14	U	0.15	0.15	U
Metalaxyl	ug/L	0.24	0.24	U	0.25	0.25	U
Methoxychlor	ug/L	0.048	0.048	U	0.05	0.05	UJ
Metolachlor	ug/L	0.48	0.48	UJ	0.5	0.5	U
Metribuzin	ug/L	0.096	0.096	U	0.1	0.1	UJ
Mevinphos	ug/L	0.19	0.19	U	0.2	0.2	U
Naled	ug/L	0.77	0.77	U	0.8	0.8	U
Norflurazon	ug/L	0.14	0.14	U	0.15	0.15	U
Parathion Ethyl	ug/L	0.14	0.14	U	0.15	0.15	U
Parathion Methyl	ug/L	0.096	0.096	U	0.1	0.1	U
PCB-1016	ug/L	0.19	0.19	U	0.2	0.2	U
PCB-1221	ug/L	0.19	0.19	U	0.2	0.2	U
PCB-1232	ug/L	0.19	0.19	U	0.2	0.2	U
PCB-1242	ug/L	0.29	0.29	U	0.3	0.3	U
PCB-1248	ug/L	0.19	0.19	U	0.2	0.2	U
PCB-1254	ug/L	0.29	0.29	U	0.3	0.3	U
PCB-1260	ug/L	0.19	0.19	U	0.2	0.2	U
Phorate	ug/L	0.048	0.048	U	0.05	0.05	U
Prometryn	ug/L	0.14	0.14	U	0.15	0.15	U
Silvex	ug/L	0.2	0.2	U	0.22	0.22	U
Simazine	ug/L	0.048	0.048	U	0.05	0.05	U
Toxaphene	ug/L	0.72	0.72	U	0.75	0.75	U

Table 2: Location 25 Analytical Results

Metals	Units	25-PRE Results	MDL	Remark	25-POST Results	MDL	Remark
Aluminum	ug/L	5	5	U	60	60	U
Antimony	ug/L				0.25	0.25	U
Arsenic	ug/L	1.43	0.25		0.68	0.25	I
Barium	ug/L	25.6	0.2		0.28	0.2	I
Beryllium	ug/L				0.025	0.025	U
Boron	ug/L				76	15	
Cadmium	ug/L	0.03	0.03	U	0.03	0.03	U
Calcium	mg/L				0.23	0.075	I
Chromium	ug/L	0.3	0.3	U	0.3	0.3	U
Cobalt	ug/L				0.03	0.03	U
Copper	ug/L	0.83	0.5		1.75	0.5	
Iron	ug/L				33	30	I
Lead	ug/L	0.2	0.2	U	0.2	0.2	U
Magnesium	mg/L				0.04	0.04	U
Manganese	ug/L				0.75	0.75	U
Mercury	ug/L	0.12	0.12	U	0.12	0.12	U
Molybdenum	ug/L				0.18	0.15	I
Nickel	ug/L				0.42	0.25	I
Potassium	mg/L	0.19	0.19	U	0.79	0.3	I
Selenium	ug/L	0.2	0.2	U	0.2	0.2	U
Silver	ug/L	0.025	0.025	U	0.025	0.025	U
Sodium	mg/L				267	2.5	
Strontium	ug/L	789	2		2	2	U
Thallium	ug/L				0.1	0.1	U
Tin	ug/L				3	3	U
Titanium	ug/L	0.5	0.5	U	0.75	0.75	U
Vanadium	ug/L				2	2	U
Zinc	ug/L				5	5	U

Table 2: Location 25 Analytical Results

Radionuclides	Units	25-PRE Results	MDL	Remark	25-POST Results	MDL	Remark
Alpha, Total	pCi/L	10.7 7.4*			1.7		U
Alpha-Counting Error	pCi/L	2.4 3.1*			1		
Beta, Total	pCi/L				1.9		
Beta-Counting Error	pCi/L				1.2		
Radium 226	pCi/L	4.6*			0.1		
Radium 226-Counting Error	pCi/L	0.3*			0.1		
Radium 228	pCi/L	0.7*		U	1.1		
Radium 228-Counting Error	pCi/L	0.4*			0.6		
Additional Analytes	Units	25-PRE Results	MDL	Remark	25-POST Results	MDL	Remark
1,4-Dioxane	ug/L	0.2	0.2	U	0.2	0.2	U
NO2NO3-N	mg N/L	0.005	0.004	I	0.004	0.004	U
Perchlorate	ug/L				0.6	0.6	U

*: Second of two August 2009 sample events (August 27th)

If a cell is blank, then that particular component's analysis was not performed.

0.8 Gray shading indicates analyte was detected above the laboratories method detection limit but at a concentration below any applicable Florida Drinking Water Standard or Groundwater Cleanup Target Level.

256 Yellow shading indicates analyte was detected above the laboratories method detection limit at a concentration exceeding either a Florida Drinking Water Standard or Groundwater Cleanup Target Level.

Location 26

Table 1: Summary of FDWS/GCTLs Exceedances and Radionuclides in Water Samples Collected Pre- and Post-Treatment from Location 26
February 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation

Analyte	FDWS/GCTL	26-Pre	26-Post
<i>Exceedances</i>			
Iron	300 ug/L (FSDWS)	960	43
Sodium	160 mg/L (FPDWS)	117	304
<i>Radionuclides</i>			
Total Alpha	15pCi/L (FPDWS)	6.4	ND
Radium 226/228	5 pCi/L (FPDWS)	4.2	0.5
Total Beta	50 pCi/L (FDEPSL)	ND	ND
No Exceedances for Radionuclides			

FDWS=Florida Drinking Water Standard

GCTL=Ground Water Cleanup Target Level

FPDWS= Florida Primary Drinking Water Standard

FSDWS=Florida Secondary Drinking Water Standard\

FDEPSL=FDEP Screening Level

ND=Non Detect

NA=Not Analyzed

Gray Shading= Analyte Detected

Yellow Shading=Exceedance of FDWS/GCTL

ug/L= micrograms per Liter

pCi/L=picocuries per Liter

mg/L=milligrams per Liter

Table 2: Location 26 Analytical Results

Volatile Organic Compounds	Units	26-PRE Results	MDL	Remark	26-POST Results	MDL	Remark	26-POST Dup Results	MDL	Remark
1,1,1-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
1,1,2,2-Tetrachloroethane	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
1,1,2-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
1,2-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
1,2-Dichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
1,2-Dichloropropane	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
1,3-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
1,4-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
Benzene	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
Bromodichloromethane	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
Bromoform	ug/L	0.5	0.5	UJ	0.5	0.5	UJ	0.5	0.5	UJ
Bromomethane	ug/L	0.5	0.5	UJ	0.5	0.5	UJ	0.5	0.5	UJ
Carbon tetrachloride	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
Chlorobenzene	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
Chloroethane	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
Chloroform	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
Chloromethane	ug/L	0.5	0.5	UJ	0.5	0.5	UJ	0.5	0.5	UJ
cis-1,2-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
cis-1,3-Dichloropropene	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
Dibromochloromethane	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
Ethylbenzene	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
m,p-Xylene	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
Methylene chloride	ug/L	0.5	0.5	UJ	0.5	0.5	UJ	0.5	0.5	UJ
Methyl-t-butyl ether	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
o-Xylene	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
Tetrachloroethene	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
Toluene	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U

Table 2: Location 26 Analytical Results

Volatile Organic Compounds	Units	26-PRE Results	MDL	Remark	26-POST Results	MDL	Remark	26-POST Dup Results	MDL	Remark
trans-1,2-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
trans-1,3-Dichloropropene	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
Trichloroethene	ug/L	0.2	0.2	UJ	0.2	0.2	UJ	0.2	0.2	UJ
Trichlorofluoromethane	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
Vinyl chloride	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
Semi-Volatile Organic Compounds	Units	26-PRE Results	MDL	Remark	26-POST Results	MDL	Remark	26-POST Dup Results	MDL	Remark
1,2,4,5-Tetrachlorobenzene	ug/L	1	1	U	1	1	U	0.99	0.99	U
1,2,4-Trichlorobenzene	ug/L	1	1	U	1	1	U	0.99	0.99	U
1,3,5-Trinitrobenzene	ug/L	4.1	4.1	U	4	4	U	4	4	U
1,3-Dinitrobenzene	ug/L	2	2	U	2	2	U	2	2	U
1,4-Naphthoquinone	ug/L	20	20	UJ	20	20	UJ	20	20	UJ
1-Methylnaphthalene	ug/L	1	1	U	1	1	U	0.99	0.99	U
1-Naphthylamine	ug/L	10	10	UJ	10	10	UJ	9.9	9.9	UJ
2,3,4,6-Tetrachlorophenol	ug/L	2	2	U	2	2	U	2	2	U
2,4,5-Trichlorophenol	ug/L	1	1	U	1	1	U	0.99	0.99	U
2,4,6-Trichlorophenol	ug/L	1	1	U	1	1	U	0.99	0.99	U
2,4-Dichlorophenol	ug/L	1	1	U	1	1	U	0.99	0.99	U
2,4-Dimethylphenol	ug/L	10	10	UJ	10	10	UJ	9.9	9.9	UJ
2,4-Dinitrophenol	ug/L	15	15	U	15	15	U	15	15	U
2,4-Dinitrotoluene	ug/L	1	1	U	1	1	U	0.99	0.99	U
2,6-Dichlorophenol	ug/L	1	1	U	1	1	U	0.99	0.99	U
2,6-Dinitrotoluene	ug/L	1	1	U	1	1	U	0.99	0.99	U
2-Acetylaminofluorene	ug/L	1	1	U	1	1	U	0.99	0.99	U
2-Butanone	ug/L	5	5	U	5	5	U	5	5	U
2-Chloronaphthalene	ug/L	1	1	U	1	1	U	0.99	0.99	U
2-Chlorophenol	ug/L	1	1	U	1	1	U	0.99	0.99	U
2-Methyl-4,6-dinitrophenol	ug/L	3.1	3.1	U	3	3	U	3	3	U
2-Methylnaphthalene	ug/L	1	1	U	1	1	U	0.99	0.99	U

Table 2: Location 26 Analytical Results

Semi-Volatile Organic Compounds	Units	26-PRE Results	MDL	Remark	26-POST Results	MDL	Remark	26-POST Dup Results	MDL	Remark
2-Naphthylamine	ug/L	10	10	U	10	10	U	9.9	9.9	U
2-Nitroaniline	ug/L	1	1	U	1	1	U	0.99	0.99	U
2-Nitrophenol	ug/L	1	1	U	1	1	U	0.99	0.99	U
2-Picoline	ug/L	1	1	U	1	1	U	0.99	0.99	U
3,3'-Dichlorobenzidine	ug/L	41	41	UJ	40	40	UJ	40	40	UJ
3,3'-Dimethylbenzidine	ug/L	20	20	UJ	20	20	UJ	20	20	UJ
3-Methylcholanthrene	ug/L	1	1	U	1	1	U	0.99	0.99	U
3-Nitroaniline	ug/L	1	1	U	1	1	U	0.99	0.99	U
4-Aminobiphenyl	ug/L	4.1	4.1	U	4	4	U	4	4	U
4-Bromophenyl phenyl ether	ug/L	1	1	U	1	1	U	0.99	0.99	U
4-Chloro-3-methylphenol	ug/L	1	1	U	1	1	U	0.99	0.99	U
4-Chloroaniline	ug/L	1	1	U	1	1	U	0.99	0.99	U
4-Chlorophenyl phenyl ether	ug/L	2	2	U	2	2	U	2	2	U
4-Nitroaniline	ug/L	1	1	UJ	1	1	UJ	0.99	0.99	UJ
4-Nitrophenol	ug/L	15	15	U	15	15	U	15	15	U
5-Nitro-o-toluidine	ug/L	1	1	U	1	1	U	0.99	0.99	U
7,12-Dimethylbenz(a)anthracene	ug/L	1	1	U	1	1	U	0.99	0.99	U
Acenaphthene	ug/L	1	1	U	1	1	U	0.99	0.99	U
Acenaphthylene	ug/L	1	1	U	1	1	U	0.99	0.99	U
Acetophenone	ug/L	1	1	U	1	1	U	0.99	0.99	U
Acifluorfen	ug/L	0.21	0.21	U	0.23	0.23	U	0.21	0.21	U
Aniline	ug/L	1	1	U	1	1	U	0.99	0.99	U
Anthracene	ug/L	1	1	U	1	1	U	0.99	0.99	U
Azobenzene/1,2-Diphenylhydrazine	ug/L	1	1	U	1	1	U	0.99	0.99	U
Benzidine	ug/L	100	100	U	100	100	U	99	99	U
Benzo(a)anthracene	ug/L	1	1	U	1	1	U	0.99	0.99	U
Benzo(a)pyrene	ug/L	1	1	U	1	1	U	0.99	0.99	U
Benzo(b)fluoranthene	ug/L	1	1	U	1	1	U	0.99	0.99	U
Benzo(g,h,i)perylene	ug/L	1	1	U	1	1	U	0.99	0.99	U

Table 2: Location 26 Analytical Results

Semi-Volatile Organic Compounds	Units	26-PRE Results	MDL	Remark	26-POST Results	MDL	Remark	26-POST Dup Results	MDL	Remark
Benzo(k)fluoranthene	ug/L	1	1	U	1	1	U	0.99	0.99	U
Benzyl alcohol	ug/L	1	1	U	1	1	U	0.99	0.99	U
Bis(2-chloroethoxy)methane	ug/L	1	1	U	1	1	U	0.99	0.99	U
Bis(2-chloroethyl)ether	ug/L	1	1	U	1	1	U	0.99	0.99	U
Bis(2-chloroisopropyl)ether	ug/L	3.1	3.1	U	3	3	U	3	3	U
Bis(2-ethylhexyl)phthalate	ug/L	15	15	U	15	15	U	15	15	U
Butyl benzyl phthalate	ug/L	5.1	5.1	U	5	5	U	5	5	U
Carbazole	ug/L	1	1	U	1	1	U	0.99	0.99	U
Chrysene	ug/L	1	1	U	1	1	U	0.99	0.99	U
Dibenzo(a,h)anthracene	ug/L	1	1	U	1	1	U	0.99	0.99	U
Dibenzofuran	ug/L	1	1	U	1	1	U	0.99	0.99	U
Diethyl phthalate	ug/L	1	1	U	1	1	U	0.99	0.99	U
Dimethyl phthalate	ug/L	10	10	U	10	10	U	9.9	9.9	U
Dimethylaminoazobenzene	ug/L	1	1	U	1	1	U	0.99	0.99	U
Di-n-butyl phthalate	ug/L	5.1	5.1	U	5	5	U	5	5	U
Di-n-octyl phthalate	ug/L	1	1	U	1	1	U	0.99	0.99	U
Dinoseb	ug/L	4.1	4.1	U	4	4	U	4	4	U
Ethyl methanesulfonate	ug/L	1	1	U	1	1	U	0.99	0.99	U
Fluoranthene	ug/L	1	1	U	1	1	U	0.99	0.99	U
Fluorene	ug/L	1	1	U	1	1	U	0.99	0.99	U
Hexachlorobenzene	ug/L	1	1	U	1	1	U	0.99	0.99	U
Hexachlorobutadiene	ug/L	3.1	3.1	U	3	3	U	3	3	U
Hexachlorocyclopentadiene	ug/L	3.1	3.1	U	3	3	U	3	3	U
Hexachloroethane	ug/L	3.1	3.1	U	3	3	U	3	3	U
Hexachloropropene	ug/L	2	2	UJ	2	2	UJ	2	2	UJ
Indeno(1,2,3-cd)pyrene	ug/L	1	1	U	1	1	U	0.99	0.99	U
Isophorone	ug/L	1	1	U	1	1	U	0.99	0.99	U
Isosafrole	ug/L	1	1	UJ	1	1	UJ	0.99	0.99	UJ
m,p-Cresols	ug/L	2	2	U	2	2	U	2	2	U

Table 2: Location 26 Analytical Results

[illegible]

Table 2: Location 26 Analytical Results

Pesticides/Herbicides/PCBs	Units	26-PRE Results	MDL	Remark	26-POST Results	MDL	Remark	26-POST Dup Results	MDL	Remark
1,2-Dibromo-3-Chloropropane	ug/L	0.01	0.01	U	0.01	0.01	U	0.01	0.01	U
1,2-Dibromoethane	ug/L	0.01	0.01	U	0.01	0.01	U	0.01	0.01	U
2,4,5-T	ug/L	0.21	0.21	U	0.23	0.23	U	0.21	0.21	U
2,4-D	ug/L	0.21	0.21	U	0.23	0.23	U	0.21	0.21	U
Alachlor	ug/L	0.58	0.58	U	0.59	0.59	U	0.61	0.61	U
Aldrin	ug/L	0.0097	0.0097	U	0.0098	0.0098	U	0.01	0.01	U
Alpha-BHC	ug/L	0.0097	0.0097	U	0.0098	0.0098	U	0.01	0.01	U
Ametryn	ug/L	0.049	0.049	U	0.049	0.049	U	0.051	0.051	U
Atrazine	ug/L	0.049	0.049	U	0.049	0.049	U	0.051	0.051	U
Azinphos Methyl	ug/L	0.19	0.19	U	0.2	0.2	U	0.2	0.2	U
Beta-BHC	ug/L	0.0097	0.0097	U	0.0098	0.0098	U	0.01	0.01	U
Bromacil	ug/L	0.19	0.19	UJ	0.2	0.2	UJ	0.2	0.2	UJ
Butylate	ug/L	0.19	0.19	U	0.2	0.2	U	0.2	0.2	U
Chlordane	ug/L	0.19	0.19	U	0.2	0.2	U	0.2	0.2	U
Chlorpyrifos Ethyl	ug/L	0.049	0.049	U	0.049	0.049	U	0.051	0.051	U
Chlorpyrifos Methyl	ug/L	0.097	0.097	U	0.098	0.098	U	0.1	0.1	U
DDD-p,p'	ug/L	0.019	0.019	U	0.02	0.02	U	0.02	0.02	U
DDE-p,p'	ug/L	0.019	0.019	U	0.02	0.02	U	0.02	0.02	U
DDT-p,p'	ug/L	0.029	0.029	U	0.029	0.029	U	0.031	0.031	U
Delta-BHC	ug/L	0.0097	0.0097	U	0.0098	0.0098	U	0.01	0.01	U
Diazinon	ug/L	0.049	0.049	U	0.049	0.049	U	0.051	0.051	U
Dieldrin	ug/L	0.019	0.019	U	0.02	0.02	U	0.02	0.02	U
Endosulfan I	ug/L	0.019	0.019	U	0.02	0.02	U	0.02	0.02	U
Endosulfan II	ug/L	0.019	0.019	U	0.02	0.02	U	0.02	0.02	U
Endosulfan Sulfate	ug/L	0.019	0.019	U	0.02	0.02	U	0.02	0.02	U
Endrin	ug/L	0.049	0.049	U	0.049	0.049	U	0.051	0.051	U
Endrin Aldehyde	ug/L	0.019	0.019	U	0.02	0.02	U	0.02	0.02	U
Ethion	ug/L	0.049	0.049	U	0.049	0.049	U	0.051	0.051	U
Ethoprop	ug/L	0.097	0.097	U	0.098	0.098	U	0.1	0.1	U

Table 2: Location 26 Analytical Results

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Table 2: Location 26 Analytical Results

Radionuclides	Units	26-PRE Results	MDL	Remark	26-POST Results	MDL	Remark	26-POST Dup Results	MDL	Remark
Alpha, Total	pCi/L	6.4			3.2		U	3.1		U
Alpha-Counting Error	pCi/L	3			1.8			1.7		
Beta, Total	pCi/L	4.1		U	2.8		U	3.4		U
Beta-Counting Error	pCi/L	2.5			1.7			2		
Radium 226	pCi/L	3.1			0.5			0.4		
Radium 226-Counting Error	pCi/L	0.3			0.2			0.1		
Radium 228	pCi/L	1.1			0.8		U	0.9		U
Radium 228-Counting Error	pCi/L	0.6			0.5			0.6		
Additional Analytes	Units	26-PRE Results	MDL	Remark	26-POST Results	MDL	Remark	26-POST Dup Results	MDL	Remark
1,4-Dioxane	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
NO2NO3-N	mg N/L	0.004	0.004	U	0.004	0.004	U	0.004	0.004	U
Perchlorate	ug/L	1.2	1.2	U	3.8	1.2	I	3.2	1.2	I

0.8 Gray shading indicates analyte was detected above the laboratories method detection limit but at a concentration below any applicable Florida Drinking Water Standard or Groundwater Cleanup Target Level.

256 Yellow shading indicates analyte was detected above the laboratories method detection limit at a concentration exceeding either a Florida Drinking Water Standard or Groundwater Cleanup Target Level.

Location 27

Table 1: Summary of FDWS/GCTLs Exceedances and Radionuclides in Water Samples Collected Pre- and Post-Treatment from Location 27
February 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation

Analyte	FDWS/GCTL	27-Pre	27-Post
<i>Exceedances</i>			
Iron	300 ug/L (FSDWS)	2,920	ND
<i>Radionuclides</i>			
Total Alpha	15pCi/L (FPDWS)	1.9	ND
Radium 226/228	5 pCi/L (FPDWS)	2.9	0.1
Total Beta	50 pCi/L (FDEPSL)	1.6	ND
No Exceedances for Radionuclides			

FDWS=Florida Drinking Water Standard

GCTL=Ground Water Cleanup Target Level

FPDWS= Florida Primary Drinking Water Standard

FSDWS=Florida Secondary Drinking Water Standard

FDEPSL=FDEP Screening Level

ND=Non Detect

NA=Not Analyzed

Gray Shading= Analyte Detected

Yellow Shading=Exceedance of FDWS/GCTL

ug/L= micrograms per Liter

pCi/L=picocuries per Liter

mg/L=milligrams per Liter

Table 2: Location 27 Analytical Results

Volatile Organic Compounds	Units	27-PRE Results	MDL	Remark	27-POST Results	MDL	Remark
1,1,1-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1,2,2-Tetrachloroethane	ug/L	0.5	0.5	U	0.5	0.5	U
1,1,2-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
1,2-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
1,2-Dichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,2-Dichloropropane	ug/L	0.5	0.5	U	0.5	0.5	U
1,3-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
1,4-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
Benzene	ug/L	0.2	0.2	U	0.2	0.2	U
Bromodichloromethane	ug/L	0.2	0.2	U	0.2	0.2	U
Bromoform	ug/L	0.5	0.5	UJ	0.5	0.5	UJ
Bromomethane	ug/L	0.5	0.5	UJ	0.5	0.5	UJ
Carbon tetrachloride	ug/L	0.2	0.2	U	0.2	0.2	U
Chlorobenzene	ug/L	0.2	0.2	U	0.2	0.2	U
Chloroethane	ug/L	0.5	0.5	U	0.5	0.5	U
Chloroform	ug/L	0.2	0.2	U	0.2	0.2	U
Chloromethane	ug/L	0.5	0.5	UJ	0.5	0.5	U
cis-1,2-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
cis-1,3-Dichloropropene	ug/L	0.5	0.5	U	0.5	0.5	U
Dibromochloromethane	ug/L	0.2	0.2	U	0.2	0.2	U
Ethylbenzene	ug/L	0.5	0.5	U	0.5	0.5	U
m,p-Xylene	ug/L	0.5	0.5	U	0.5	0.5	U
Methylene chloride	ug/L	0.5	0.5	UJ	0.5	0.5	UJ
Methyl-t-butyl ether	ug/L	0.5	0.5	U	0.5	0.5	U
o-Xylene	ug/L	0.2	0.2	U	0.2	0.2	U
Tetrachloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
Toluene	ug/L	0.5	0.5	U	0.5	0.5	U

Table 2: Location 27 Analytical Results

Volatile Organic Compounds	Units	27-PRE Results	MDL	Remark	27-POST Results	MDL	Remark
trans-1,2-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
trans-1,3-Dichloropropene	ug/L	0.2	0.2	U	0.2	0.2	U
Trichloroethene	ug/L	0.2	0.2	UJ	0.2	0.2	U
Trichlorofluoromethane	ug/L	0.5	0.5	U	0.5	0.5	U
Vinyl chloride	ug/L	0.5	0.5	U	0.5	0.5	U
Semi-Volatile Organic Compounds	Units	27-PRE Results	MDL	Remark	27-POST Results	MDL	Remark
1,2,4,5-Tetrachlorobenzene	ug/L	1	1	U	0.97	0.97	U
1,2,4-Trichlorobenzene	ug/L	1	1	U	0.97	0.97	U
1,3,5-Trinitrobenzene	ug/L	4	4	U	3.9	3.9	U
1,3-Dinitrobenzene	ug/L	2	2	U	1.9	1.9	U
1,4-Naphthoquinone	ug/L	20	20	UJ	19	19	UJ
1-Methylnaphthalene	ug/L	1	1	U	0.97	0.97	U
1-Naphthylamine	ug/L	10	10	UJ	9.7	9.7	UJ
2,3,4,6-Tetrachlorophenol	ug/L	2	2	U	1.9	1.9	U
2,4,5-Trichlorophenol	ug/L	1	1	U	0.97	0.97	U
2,4,6-Trichlorophenol	ug/L	1	1	U	0.97	0.97	U
2,4-Dichlorophenol	ug/L	1	1	U	0.97	0.97	U
2,4-Dimethylphenol	ug/L	10	10	UJ	9.7	9.7	UJ
2,4-Dinitrophenol	ug/L	15	15	U	15	15	U
2,4-Dinitrotoluene	ug/L	1	1	U	0.97	0.97	U
2,6-Dichlorophenol	ug/L	1	1	U	0.97	0.97	U
2,6-Dinitrotoluene	ug/L	1	1	U	0.97	0.97	U
2-Acetylaminofluorene	ug/L	1	1	U	0.97	0.97	U
2-Butanone	ug/L	5	5	U	5	5	U
2-Chloronaphthalene	ug/L	1	1	U	0.97	0.97	U
2-Chlorophenol	ug/L	1	1	U	0.97	0.97	U
2-Methyl-4,6-dinitrophenol	ug/L	3	3	U	2.9	2.9	U
2-Methylnaphthalene	ug/L	1	1	U	0.97	0.97	U

Table 2: Location 27 Analytical Results

Semi-Volatile Organic Compounds	Units	27-PRE Results	MDL	Remark	27-POST Results	MDL	Remark
2-Naphthylamine	ug/L	10	10	U	9.7	9.7	U
2-Nitroaniline	ug/L	1	1	U	0.97	0.97	U
2-Nitrophenol	ug/L	1	1	U	0.97	0.97	U
2-Picoline	ug/L	1	1	U	0.97	0.97	U
3,3'-Dichlorobenzidine	ug/L	40	40	UJ	39	39	UJ
3,3'-Dimethylbenzidine	ug/L	20	20	UJ	19	19	UJ
3-Methylcholanthrene	ug/L	1	1	U	0.97	0.97	U
3-Nitroaniline	ug/L	1	1	U	0.97	0.97	U
4-Aminobiphenyl	ug/L	4	4	U	3.9	3.9	U
4-Bromophenyl phenyl ether	ug/L	1	1	U	0.97	0.97	U
4-Chloro-3-methylphenol	ug/L	1	1	U	0.97	0.97	U
4-Chloroaniline	ug/L	1	1	U	0.97	0.97	U
4-Chlorophenyl phenyl ether	ug/L	2	2	U	1.9	1.9	U
4-Nitroaniline	ug/L	1	1	UJ	0.97	0.97	UJ
4-Nitrophenol	ug/L	15	15	U	15	15	U
5-Nitro-o-toluidine	ug/L	1	1	U	0.97	0.97	U
7,12-Dimethylbenz(a)anthracene	ug/L	1	1	U	0.97	0.97	U
Acenaphthene	ug/L	1	1	U	0.97	0.97	U
Acenaphthylene	ug/L	1	1	U	0.97	0.97	U
Acetophenone	ug/L	1	1	U	0.97	0.97	U
Acifluorfen	ug/L	0.22	0.22	U	0.2	0.2	U
Aniline	ug/L	1	1	U	0.97	0.97	U
Anthracene	ug/L	1	1	U	0.97	0.97	U
Azobenzene/1,2-Diphenylhydrazine	ug/L	1	1	U	0.97	0.97	U
Benzidine	ug/L	100	100	U	97	97	U
Benzo(a)anthracene	ug/L	1	1	U	0.97	0.97	U
Benzo(a)pyrene	ug/L	1	1	U	0.97	0.97	U
Benzo(b)fluoranthene	ug/L	1	1	U	0.97	0.97	U
Benzo(g,h,i)perylene	ug/L	1	1	U	0.97	0.97	U

Table 2: Location 27 Analytical Results

Semi-Volatile Organic Compounds	Units	27-PRE Results	MDL	Remark	27-POST Results	MDL	Remark
Benzo(k)fluoranthene	ug/L	1	1	U	0.97	0.97	U
Benzyl alcohol	ug/L	1	1	U	0.97	0.97	U
Bis(2-chloroethoxy)methane	ug/L	1	1	U	0.97	0.97	U
Bis(2-chloroethyl)ether	ug/L	1	1	U	0.97	0.97	U
Bis(2-chloroisopropyl)ether	ug/L	3	3	U	2.9	2.9	U
Bis(2-ethylhexyl)phthalate	ug/L	15	15	U	15	15	U
Butyl benzyl phthalate	ug/L	5	5	U	4.9	4.9	U
Carbazole	ug/L	1	1	U	0.97	0.97	U
Chrysene	ug/L	1	1	U	0.97	0.97	U
Dibenzo(a,h)anthracene	ug/L	1	1	U	0.97	0.97	U
Dibenzofuran	ug/L	1	1	U	0.97	0.97	U
Diethyl phthalate	ug/L	1	1	U	0.97	0.97	U
Dimethyl phthalate	ug/L	10	10	U	9.7	9.7	U
Dimethylaminoazobenzene	ug/L	1	1	U	0.97	0.97	U
Di-n-butyl phthalate	ug/L	5	5	U	4.9	4.9	U
Di-n-octyl phthalate	ug/L	1	1	U	0.97	0.97	U
Dinoseb	ug/L	4	4	U	3.9	3.9	U
Ethyl methanesulfonate	ug/L	1	1	U	0.97	0.97	U
Fluoranthene	ug/L	1	1	U	0.97	0.97	U
Fluorene	ug/L	1	1	U	0.97	0.97	U
Hexachlorobenzene	ug/L	1	1	U	0.97	0.97	U
Hexachlorobutadiene	ug/L	3	3	U	2.9	2.9	U
Hexachlorocyclopentadiene	ug/L	3	3	U	2.9	2.9	U
Hexachloroethane	ug/L	3	3	U	2.9	2.9	U
Hexachloropropene	ug/L	2	2	UJ	1.9	1.9	UJ
Indeno(1,2,3-cd)pyrene	ug/L	1	1	U	0.97	0.97	U
Isophorone	ug/L	1	1	U	0.97	0.97	U
Isosafrole	ug/L	1	1	UJ	0.97	0.97	UJ
m,p-Cresols	ug/L	2	2	U	1.9	1.9	U

Table 2: Location 27 Analytical Results

Semi-Volatile Organic Compounds	Units	27-PRE Results	MDL	Remark	27-POST Results	MDL	Remark
Methapyrilene	ug/L	4	4	UJ	3.9	3.9	UJ
Methyl methanesulfonate	ug/L	1	1	UJ	0.97	0.97	UJ
Naphthalene	ug/L	1	1	U	0.97	0.97	U
Nitrobenzene	ug/L	2	2	U	1.9	1.9	U
Nitroquinoline-1-oxide	ug/L	20	20	U	19	19	U
N-Nitrosodiethylamine	ug/L	1	1	U	0.97	0.97	U
N-Nitrosodimethylamine	ug/L	2	2	U	1.9	1.9	U
N-Nitrosodi-n-butylamine	ug/L	1	1	U	0.97	0.97	U
N-Nitrosodi-n-propylamine	ug/L	2	2	U	1.9	1.9	U
N-Nitrosodiphenylamine/ Diphenylamine	ug/L	3	3	U	2.9	2.9	U
N-Nitrosomethylethylamine	ug/L	2	2	U	1.9	1.9	U
N-Nitrosomorpholine	ug/L	1	1	U	0.97	0.97	U
N-Nitrosopiperidine	ug/L	1	1	U	0.97	0.97	U
N-Nitrosopyrrolidine	ug/L	2	2	U	1.9	1.9	U
o-Cresol	ug/L	2	2	U	1.9	1.9	U
o-Toluidine	ug/L	1	1	U	0.97	0.97	U
Pentachlorobenzene	ug/L	1	1	U	0.97	0.97	U
Pentachloroethane	ug/L	50	50	U	49	49	U
Pentachloronitrobenzene	ug/L	1	1	U	0.97	0.97	U
Pentachlorophenol	ug/L	3	3	U	2.9	2.9	U
Phenacetin	ug/L	4	4	U	3.9	3.9	U
Phenanthrene	ug/L	1	1	U	0.97	0.97	U
Phenol	ug/L	1	1	U	0.97	0.97	U
Pyrene	ug/L	1	1	U	0.97	0.97	U
Pyridine	ug/L	4	4	U	3.9	3.9	U
Safrole	ug/L	1	1	U	0.97	0.97	U
TRPH	mg/L	0.25	0.25	U	0.24	0.24	U

Table 2: Location 27 Analytical Results

Pesticides/Herbicides/PCBs	Units	27-PRE Results	MDL	Remark	27-POST Results	MDL	Remark
1,2-Dibromo-3-Chloropropane	ug/L	0.01	0.01	U	0.01	0.01	U
1,2-Dibromoethane	ug/L	0.01	0.01	U	0.01	0.01	U
2,4,5-T	ug/L	0.22	0.22	U	0.2	0.2	U
2,4-D	ug/L	0.22	0.22	U	0.2	0.2	U
Alachlor	ug/L	0.59	0.59	U	0.59	0.59	U
Aldrin	ug/L	0.0098	0.0098	U	0.0098	0.0098	U
Alpha-BHC	ug/L	0.0098	0.0098	U	0.0098	0.0098	U
Ametryn	ug/L	0.049	0.049	U	0.049	0.049	U
Atrazine	ug/L	0.049	0.049	U	0.049	0.049	U
Azinphos Methyl	ug/L	0.2	0.2	U	0.2	0.2	U
Beta-BHC	ug/L	0.0098	0.0098	U	0.0098	0.0098	U
Bromacil	ug/L	0.2	0.2	UJ	0.2	0.2	UJ
Butylate	ug/L	0.2	0.2	U	0.2	0.2	U
Chlordane	ug/L	0.2	0.2	U	0.2	0.2	U
Chlorpyrifos Ethyl	ug/L	0.049	0.049	U	0.049	0.049	U
Chlorpyrifos Methyl	ug/L	0.098	0.098	U	0.098	0.098	U
DDD-p,p'	ug/L	0.02	0.02	U	0.02	0.02	U
DDE-p,p'	ug/L	0.02	0.02	U	0.02	0.02	U
DDT-p,p'	ug/L	0.029	0.029	U	0.029	0.029	U
Delta-BHC	ug/L	0.0098	0.0098	U	0.0098	0.0098	U
Diazinon	ug/L	0.049	0.049	U	0.049	0.049	U
Dieldrin	ug/L	0.02	0.02	U	0.02	0.02	U
Endosulfan I	ug/L	0.02	0.02	U	0.02	0.02	U
Endosulfan II	ug/L	0.02	0.02	U	0.02	0.02	U
Endosulfan Sulfate	ug/L	0.02	0.02	U	0.02	0.02	U
Endrin	ug/L	0.049	0.049	U	0.049	0.049	U
Endrin Aldehyde	ug/L	0.02	0.02	U	0.02	0.02	U
Ethion	ug/L	0.049	0.049	U	0.049	0.049	U
Ethoprop	ug/L	0.098	0.098	U	0.098	0.098	U

Table 2: Location 27 Analytical Results

Pesticides/Herbicides/PCBs	Units	27-PRE Results	MDL	Remark	27-POST Results	MDL	Remark
Fenamiphos	ug/L	0.2	0.2	U	0.2	0.2	U
Fonofos	ug/L	0.098	0.098	UJ	0.098	0.098	UJ
Gamma-BHC	ug/L	0.0098	0.0098	U	0.0098	0.0098	U
Heptachlor	ug/L	0.0098	0.0098	U	0.0098	0.0098	U
Heptachlor Epoxide	ug/L	0.02	0.02	U	0.02	0.02	U
Hexazinone	ug/L	0.098	0.098	U	0.098	0.098	U
Malathion	ug/L	0.15	0.15	U	0.15	0.15	U
Metalaxyl	ug/L	0.25	0.25	U	0.25	0.25	U
Methoxychlor	ug/L	0.049	0.049	UJ	0.049	0.049	UJ
Metolachlor	ug/L	0.49	0.49	U	0.49	0.49	U
Metribuzin	ug/L	0.098	0.098	UJ	0.098	0.098	UJ
Mevinphos	ug/L	0.2	0.2	UJ	0.2	0.2	UJ
Naled	ug/L	0.78	0.78	U	0.78	0.78	U
Norflurazon	ug/L	0.15	0.15	U	0.15	0.15	U
Parathion Ethyl	ug/L	0.15	0.15	U	0.15	0.15	U
Parathion Methyl	ug/L	0.098	0.098	U	0.098	0.098	U
PCB-1016	ug/L	0.2	0.2	U	0.2	0.2	U
PCB-1221	ug/L	0.2	0.2	U	0.2	0.2	U
PCB-1232	ug/L	0.2	0.2	U	0.2	0.2	U
PCB-1242	ug/L	0.29	0.29	U	0.29	0.29	U
PCB-1248	ug/L	0.2	0.2	U	0.2	0.2	U
PCB-1254	ug/L	0.29	0.29	U	0.29	0.29	U
PCB-1260	ug/L	0.2	0.2	U	0.2	0.2	U
Phorate	ug/L	0.049	0.049	U	0.049	0.049	U
Prometryn	ug/L	0.15	0.15	U	0.15	0.15	U
Silvex	ug/L	0.22	0.22	U	0.2	0.2	U
Simazine	ug/L	0.049	0.049	U	0.049	0.049	U
Toxaphene	ug/L	0.74	0.74	U	0.74	0.74	U

Table 2: Location 27 Analytical Results

Metals	Units	27-PRE Results	MDL	Remark	27-POST Results	MDL	Remark
Aluminum	ug/L	60	60	U	60	60	U
Antimony	ug/L	0.25	0.25	U	0.25	0.25	U
Arsenic	ug/L	0.25	0.25	U	1.12	0.25	
Barium	ug/L	32.3	0.2		21.7	0.2	
Beryllium	ug/L	0.025	0.025	U	0.025	0.025	U
Boron	ug/L	29	15	I	15	15	U
Cadmium	ug/L	0.03	0.03	U	0.03	0.03	U
Calcium	mg/L	85.9	0.075		0.081	0.075	I
Chromium	ug/L	0.3	0.3	U	0.3	0.3	U
Cobalt	ug/L	0.16	0.03		0.42	0.03	
Copper	ug/L	3.53	0.5		0.5	0.5	U
Iron	ug/L	2.92E+03	30		30	30	U
Lead	ug/L	1.06	0.2		0.2	0.2	U
Magnesium	mg/L	3.48	0.04		0.04	0.04	U
Manganese	ug/L	17.1	0.75		3.5	0.75	
Mercury	ug/L	0.12	0.12	U	0.12	0.12	U
Molybdenum	ug/L	0.69	0.15		0.32	0.15	I
Nickel	ug/L	0.25	0.25	U	1.16	0.25	
Potassium	mg/L	0.66	0.3	I	0.3	0.3	U
Selenium	ug/L	0.2	0.2	U	0.2	0.2	U
Silver	ug/L	0.025	0.025	U	0.025	0.025	U
Sodium	mg/L	13.8	0.5		142	0.5	
Strontium	ug/L	496	2		8.2	2	
Thallium	ug/L	0.1	0.1	U	0.1	0.1	U
Tin	ug/L	3	3	U	3	3	U
Titanium	ug/L	0.75	0.75	U	0.75	0.75	U
Vanadium	ug/L	2	2	U	2	2	U
Zinc	ug/L	5	5	U	5	5	U

Table 2: Location 27 Analytical Results

Radionuclides	Units	27-PRE Results	MDL	Remark	27-POST Results	MDL	Remark
Alpha, Total	pCi/L	1.9			2.4		U
Alpha-Counting Error	pCi/L	1			1.6		
Beta, Total	pCi/L	1.6			2.5		U
Beta-Counting Error	pCi/L	1			1.6		
Radium 226	pCi/L	1.6			0.1		
Radium 226-Counting Error	pCi/L	0.2			0.1		
Radium 228	pCi/L	1.3			0.9		U
Radium 228-Counting Error	pCi/L	0.7			0.6		
Additional Analytes	Units	27-PRE Results	MDL	Remark	27-POST Results	MDL	Remark
1,4-Dioxane	ug/L	0.2	0.2	U	0.2	0.2	U
NO2NO3-N	mg N/L	0.004	0.004	U	0.004	0.004	U
Perchlorate	ug/L	1.2	1.2	U	0.3	0.3	U

0.8 Gray shading indicates analyte was detected above the laboratories method detection limit but at a concentration below any applicable Florida Drinking Water Standard or Groundwater Cleanup Target Level.

256 Yellow shading indicates analyte was detected above the laboratories method detection limit at a concentration exceeding either a Florida Drinking Water Standard or Groundwater Cleanup Target Level.

Location 28

Table 1: Summary of FDWS/GCTLs Exceedances and Radionuclides in Water Samples Collected Pre- and Post-Treatment from Location 28
February 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation

Analyte	FDWS/GCTL	28-Pre	28-Post
<i>Exceedances</i>			
Iron	300 ug/L (FSDWS)	4,190	50
Manganese	50 ug/L (FSDWS)	58.6	35.6
<i>Radionuclides</i>			
Total Alpha	15pCi/L (FPDWS)	3.0	ND
Radium 226/228	5 pCi/L (FPDWS)	1.4	0.3
Total Beta	50 pCi/L (FDEPSL)	2.2	6.8
No Exceedances for Radionuclides			

FDWS=Florida Drinking Water Standard

GCTL=Ground Water Cleanup Target Level

FPDWS= Florida Primary Drinking Water Standard

FSDWS=Florida Secondary Drinking Water Standard

FDEPSL=FDEP Screening Level

ND=Non Detect

NA=Not Analyzed

Gray Shading= Analyte Detected

Yellow Shading=Exceedance of FDWS/GCTL

ug/L= micrograms per Liter

pCi/L=picocuries per Liter

mg/L=milligrams per Liter

Table 2: Location 28 Analytical Results

Volatile Organic Compounds	Units	28-PRE Results	MDL	Remark	28-POST Results	MDL	Remark
1,1,1-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1,2,2-Tetrachloroethane	ug/L	0.5	0.5	U	0.5	0.5	U
1,1,2-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
1,2-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
1,2-Dichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,2-Dichloropropane	ug/L	0.5	0.5	U	0.5	0.5	U
1,3-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
1,4-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
Benzene	ug/L	0.2	0.2	U	0.2	0.2	U
Bromodichloromethane	ug/L	0.2	0.2	U	0.2	0.2	U
Bromoform	ug/L	0.5	0.5	UJ	0.5	0.5	UJ
Bromomethane	ug/L	0.5	0.5	UJ	0.5	0.5	UJ
Carbon tetrachloride	ug/L	0.2	0.2	U	0.2	0.2	U
Chlorobenzene	ug/L	0.2	0.2	U	0.2	0.2	U
Chloroethane	ug/L	0.5	0.5	U	0.5	0.5	U
Chloroform	ug/L	0.2	0.2	U	0.76	0.2	I
Chloromethane	ug/L	0.5	0.5	U	0.5	0.5	U
cis-1,2-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
cis-1,3-Dichloropropene	ug/L	0.5	0.5	U	0.5	0.5	U
Dibromochloromethane	ug/L	0.2	0.2	U	0.2	0.2	U
Ethylbenzene	ug/L	0.5	0.5	U	0.5	0.5	U
m,p-Xylene	ug/L	0.5	0.5	U	0.5	0.5	U
Methylene chloride	ug/L	0.5	0.5	UJ	0.5	0.5	UJ
Methyl-t-butyl ether	ug/L	0.5	0.5	U	0.5	0.5	U
o-Xylene	ug/L	0.2	0.2	U	0.2	0.2	U
Tetrachloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
Toluene	ug/L	0.5	0.5	U	0.5	0.5	U

Table 2: Location 28 Analytical Results

Volatile Organic Compounds	Units	28-PRE Results	MDL	Remark	28-POST Results	MDL	Remark
trans-1,2-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
trans-1,3-Dichloropropene	ug/L	0.2	0.2	U	0.2	0.2	U
Trichloroethene	ug/L	0.2	0.2	U	0.2	0.2	U
Trichlorofluoromethane	ug/L	0.5	0.5	U	0.5	0.5	U
Vinyl chloride	ug/L	0.5	0.5	U	0.5	0.5	U
Semi-Volatile Organic Compounds	Units	28-PRE Results	MDL	Remark	28-POST Results	MDL	Remark
1,2,4,5-Tetrachlorobenzene	ug/L	1	1	U	1	1	U
1,2,4-Trichlorobenzene	ug/L	1	1	U	1	1	U
1,3,5-Trinitrobenzene	ug/L	4	4	U	4.1	4.1	U
1,3-Dinitrobenzene	ug/L	2	2	U	2	2	U
1,4-Naphthoquinone	ug/L	20	20	UJ	20	20	UJ
1-Methylnaphthalene	ug/L	1	1	U	1	1	U
1-Naphthylamine	ug/L	10	10	UJ	10	10	UJ
2,3,4,6-Tetrachlorophenol	ug/L	2	2	U	2	2	U
2,4,5-Trichlorophenol	ug/L	1	1	U	1	1	U
2,4,6-Trichlorophenol	ug/L	1	1	U	1	1	U
2,4-Dichlorophenol	ug/L	1	1	U	1	1	U
2,4-Dimethylphenol	ug/L	10	10	UJ	10	10	UJ
2,4-Dinitrophenol	ug/L	15	15	U	15	15	U
2,4-Dinitrotoluene	ug/L	1	1	U	1	1	U
2,6-Dichlorophenol	ug/L	1	1	U	1	1	U
2,6-Dinitrotoluene	ug/L	1	1	U	1	1	U
2-Acetylaminofluorene	ug/L	1	1	U	1	1	U
2-Butanone	ug/L	5	5	U	5	5	U
2-Chloronaphthalene	ug/L	1	1	U	1	1	U
2-Chlorophenol	ug/L	1	1	U	1	1	U
2-Methyl-4,6-dinitrophenol	ug/L	3	3	U	3.1	3.1	U
2-Methylnaphthalene	ug/L	1	1	U	1	1	U

Table 2: Location 28 Analytical Results

Semi-Volatile Organic Compounds	Units	28-PRE Results	MDL	Remark	28-POST Results	MDL	Remark
2-Naphthylamine	ug/L	10	10	U	10	10	U
2-Nitroaniline	ug/L	1	1	U	1	1	U
2-Nitrophenol	ug/L	1	1	U	1	1	U
2-Picoline	ug/L	1	1	U	1	1	U
3,3'-Dichlorobenzidine	ug/L	40	40	UJ	41	41	UJ
3,3'-Dimethylbenzidine	ug/L	20	20	UJ	20	20	UJ
3-Methylcholanthrene	ug/L	1	1	U	1	1	U
3-Nitroaniline	ug/L	1	1	U	1	1	U
4-Aminobiphenyl	ug/L	4	4	U	4.1	4.1	U
4-Bromophenyl phenyl ether	ug/L	1	1	U	1	1	U
4-Chloro-3-methylphenol	ug/L	1	1	U	1	1	U
4-Chloroaniline	ug/L	1	1	U	1	1	U
4-Chlorophenyl phenyl ether	ug/L	2	2	U	2	2	U
4-Nitroaniline	ug/L	1	1	UJ	1	1	UJ
4-Nitrophenol	ug/L	15	15	U	15	15	U
5-Nitro-o-toluidine	ug/L	1	1	U	1	1	U
7,12-Dimethylbenz(a)anthracene	ug/L	1	1	U	1	1	U
Acenaphthene	ug/L	1	1	U	1	1	U
Acenaphthylene	ug/L	1	1	U	1	1	U
Acetophenone	ug/L	1	1	U	1	1	U
Acifluorfen	ug/L	0.22	0.22	U	0.23	0.23	U
Aniline	ug/L	1	1	U	1	1	U
Anthracene	ug/L	1	1	U	1	1	U
Azobenzene/1,2-Diphenylhydrazine	ug/L	1	1	U	1	1	U
Benzidine	ug/L	100	100	U	100	100	U
Benzo(a)anthracene	ug/L	1	1	U	1	1	U
Benzo(a)pyrene	ug/L	1	1	U	1	1	U
Benzo(b)fluoranthene	ug/L	1	1	U	1	1	U
Benzo(g,h,i)perylene	ug/L	1	1	U	1	1	U

Table 2: Location 28 Analytical Results

Semi-Volatile Organic Compounds	Units	28-PRE Results	MDL	Remark	28-POST Results	MDL	Remark
Benzo(k)fluoranthene	ug/L	1	1	U	1	1	U
Benzyl alcohol	ug/L	1	1	U	1	1	U
Bis(2-chloroethoxy)methane	ug/L	1	1	U	1	1	U
Bis(2-chloroethyl)ether	ug/L	1	1	U	1	1	U
Bis(2-chloroisopropyl)ether	ug/L	3	3	U	3.1	3.1	U
Bis(2-ethylhexyl)phthalate	ug/L	15	15	U	15	15	U
Butyl benzyl phthalate	ug/L	5.1	5.1	U	5.1	5.1	U
Carbazole	ug/L	1	1	U	1	1	U
Chrysene	ug/L	1	1	U	1	1	U
Dibenzo(a,h)anthracene	ug/L	1	1	U	1	1	U
Dibenzofuran	ug/L	1	1	U	1	1	U
Diethyl phthalate	ug/L	1	1	U	1	1	U
Dimethyl phthalate	ug/L	10	10	U	10	10	U
Dimethylaminoazobenzene	ug/L	1	1	U	1	1	U
Di-n-butyl phthalate	ug/L	5.1	5.1	U	5.1	5.1	U
Di-n-octyl phthalate	ug/L	1	1	U	1	1	U
Dinoseb	ug/L	4	4	U	4.1	4.1	U
Ethyl methanesulfonate	ug/L	1	1	U	1	1	U
Fluoranthene	ug/L	1	1	U	1	1	U
Fluorene	ug/L	1	1	U	1	1	U
Hexachlorobenzene	ug/L	1	1	U	1	1	U
Hexachlorobutadiene	ug/L	3	3	U	3.1	3.1	U
Hexachlorocyclopentadiene	ug/L	3	3	U	3.1	3.1	U
Hexachloroethane	ug/L	3	3	U	3.1	3.1	U
Hexachloropropene	ug/L	2	2	UJ	2	2	UJ
Indeno(1,2,3-cd)pyrene	ug/L	1	1	U	1	1	U
Isophorone	ug/L	1	1	U	1	1	U
Isosafrole	ug/L	1	1	UJ	1	1	UJ
m,p-Cresols	ug/L	2	2	U	2	2	U

Table 2: Location 28 Analytical Results

Semi-Volatile Organic Compounds	Units	28-PRE Results	MDL	Remark	28-POST Results	MDL	Remark
Methapyrilene	ug/L	4	4	UJ	4.1	4.1	UJ
Methyl methanesulfonate	ug/L	1	1	UJ	1	1	UJ
Naphthalene	ug/L	1	1	U	1	1	U
Nitrobenzene	ug/L	2	2	U	2	2	U
Nitroquinoline-1-oxide	ug/L	20	20	U	20	20	U
N-Nitrosodiethylamine	ug/L	1	1	U	1	1	U
N-Nitrosodimethylamine	ug/L	2	2	U	2	2	U
N-Nitrosodi-n-butylamine	ug/L	1	1	U	1	1	U
N-Nitrosodi-n-propylamine	ug/L	2	2	U	2	2	U
N-Nitrosodiphenylamine/ Diphenylamine	ug/L	3	3	U	3.1	3.1	U
N-Nitrosomethylethylamine	ug/L	2	2	U	2	2	U
N-Nitrosomorpholine	ug/L	1	1	U	1	1	U
N-Nitrosopiperidine	ug/L	1	1	U	1	1	U
N-Nitrosopyrrolidine	ug/L	2	2	U	2	2	U
o-Cresol	ug/L	2	2	U	2	2	U
o-Toluidine	ug/L	1	1	U	1	1	U
Pentachlorobenzene	ug/L	1	1	U	1	1	U
Pentachloroethane	ug/L	51	51	U	51	51	U
Pentachloronitrobenzene	ug/L	1	1	U	1	1	U
Pentachlorophenol	ug/L	3	3	U	3.1	3.1	U
Phenacetin	ug/L	4	4	U	4.1	4.1	U
Phenanthrene	ug/L	1	1	U	1	1	U
Phenol	ug/L	1	1	U	1	1	U
Pyrene	ug/L	1	1	U	1	1	U
Pyridine	ug/L	4	4	U	4.1	4.1	U
Safrole	ug/L	1	1	U	1	1	U
TRPH	mg/L	0.26	0.26	U	0.26	0.26	U

Table 2: Location 28 Analytical Results

Pesticides/Herbicides/PCBs	Units	28-PRE Results	MDL	Remark	28-POST Results	MDL	Remark
1,2-Dibromo-3-Chloropropane	ug/L	0.01	0.01	U	0.01	0.01	U
1,2-Dibromoethane	ug/L	0.01	0.01	U	0.01	0.01	U
2,4,5-T	ug/L	0.22	0.22	U	0.23	0.23	U
2,4-D	ug/L	0.22	0.22	U	0.23	0.23	U
Alachlor	ug/L	0.6	0.6	U	0.6	0.6	U
Aldrin	ug/L	0.01	0.01	U	0.01	0.01	U
Alpha-BHC	ug/L	0.01	0.01	U	0.01	0.01	U
Ametryn	ug/L	0.05	0.05	U	0.05	0.05	U
Atrazine	ug/L	0.05	0.05	U	0.05	0.05	U
Azinphos Methyl	ug/L	0.2	0.2	U	0.2	0.2	U
Beta-BHC	ug/L	0.01	0.01	U	0.01	0.01	U
Bromacil	ug/L	0.2	0.2	UJ	0.2	0.2	UJ
Butylate	ug/L	0.2	0.2	U	0.2	0.2	U
Chlordane	ug/L	0.2	0.2	U	0.2	0.2	U
Chlorpyrifos Ethyl	ug/L	0.05	0.05	U	0.05	0.05	U
Chlorpyrifos Methyl	ug/L	0.1	0.1	U	0.1	0.1	U
DDD-p,p'	ug/L	0.02	0.02	U	0.02	0.02	U
DDE-p,p'	ug/L	0.02	0.02	U	0.02	0.02	U
DDT-p,p'	ug/L	0.03	0.03	U	0.03	0.03	U
Delta-BHC	ug/L	0.01	0.01	U	0.01	0.01	U
Diazinon	ug/L	0.05	0.05	U	0.05	0.05	U
Dieldrin	ug/L	0.02	0.02	U	0.02	0.02	U
Endosulfan I	ug/L	0.02	0.02	U	0.02	0.02	U
Endosulfan II	ug/L	0.02	0.02	U	0.02	0.02	U
Endosulfan Sulfate	ug/L	0.02	0.02	U	0.02	0.02	U
Endrin	ug/L	0.05	0.05	U	0.05	0.05	U
Endrin Aldehyde	ug/L	0.02	0.02	U	0.02	0.02	U
Ethion	ug/L	0.05	0.05	U	0.05	0.05	U
Ethoprop	ug/L	0.1	0.1	U	0.1	0.1	U

Table 2: Location 28 Analytical Results

Pesticides/Herbicides/PCBs	Units	28-PRE Results	MDL	Remark	28-POST Results	MDL	Remark
Fenamiphos	ug/L	0.2	0.2	U	0.2	0.2	U
Fonofos	ug/L	0.1	0.1	UJ	0.1	0.1	UJ
Gamma-BHC	ug/L	0.01	0.01	U	0.01	0.01	U
Heptachlor	ug/L	0.01	0.01	U	0.01	0.01	U
Heptachlor Epoxide	ug/L	0.02	0.02	U	0.02	0.02	U
Hexazinone	ug/L	0.1	0.1	U	0.1	0.1	U
Malathion	ug/L	0.15	0.15	U	0.15	0.15	U
Metalaxyl	ug/L	0.25	0.25	U	0.25	0.25	U
Methoxychlor	ug/L	0.05	0.05	UJ	0.05	0.05	UJ
Metolachlor	ug/L	0.5	0.5	U	0.5	0.5	U
Metribuzin	ug/L	0.1	0.1	UJ	0.1	0.1	UJ
Mevinphos	ug/L	0.2	0.2	UJ	0.2	0.2	UJ
Naled	ug/L	0.8	0.8	U	0.8	0.8	U
Norflurazon	ug/L	0.15	0.15	U	0.15	0.15	U
Parathion Ethyl	ug/L	0.15	0.15	U	0.15	0.15	U
Parathion Methyl	ug/L	0.1	0.1	U	0.1	0.1	U
PCB-1016	ug/L	0.2	0.2	U	0.2	0.2	U
PCB-1221	ug/L	0.2	0.2	U	0.2	0.2	U
PCB-1232	ug/L	0.2	0.2	U	0.2	0.2	U
PCB-1242	ug/L	0.3	0.3	U	0.3	0.3	U
PCB-1248	ug/L	0.2	0.2	U	0.2	0.2	U
PCB-1254	ug/L	0.3	0.3	U	0.3	0.3	U
PCB-1260	ug/L	0.2	0.2	U	0.2	0.2	U
Phorate	ug/L	0.05	0.05	U	0.05	0.05	U
Prometryn	ug/L	0.15	0.15	U	0.15	0.15	U
Silvex	ug/L	0.22	0.22	U	0.23	0.23	U
Simazine	ug/L	0.05	0.05	U	0.05	0.05	U
Toxaphene	ug/L	0.75	0.75	U	0.75	0.75	U

Table 2: Location 28 Analytical Results

Metals	Units	28-PRE Results	MDL	Remark	28-POST Results	MDL	Remark
Aluminum	ug/L	60	60	U	60	60	U
Antimony	ug/L	0.25	0.25	U	0.25	0.25	U
Arsenic	ug/L	0.48	0.25	I	0.25	0.25	U
Barium	ug/L	37.9	0.2		13.3	0.2	
Beryllium	ug/L	0.025	0.025	U	0.025	0.025	U
Boron	ug/L	48	15	I	38	15	I
Cadmium	ug/L	0.03	0.03	U	0.03	0.03	U
Calcium	mg/L	144	0.075		54.7	0.075	
Chromium	ug/L	0.3	0.3	U	0.3	0.3	U
Cobalt	ug/L	0.093	0.03	I	0.061	0.03	I
Copper	ug/L	7.19	0.5		244	1.5	
Iron	ug/L	4.19E+03	30		50	30	I
Lead	ug/L	1.01	0.2		0.2	0.2	U
Magnesium	mg/L	5.29	0.04		5.77	0.04	
Manganese	ug/L	58.6	0.75		35.6	0.75	
Mercury	ug/L	0.12	0.12	U	0.12	0.12	U
Molybdenum	ug/L	1.34	0.15		0.18	0.15	I
Nickel	ug/L	1.11	0.25		0.49	0.25	I
Potassium	mg/L	1	0.3	I	6.8	0.3	
Selenium	ug/L	0.2	0.2	U	0.2	0.2	U
Silver	ug/L	0.025	0.025	U	0.025	0.025	U
Sodium	mg/L	45.7	0.5		118	0.5	
Strontium	ug/L	343	2		102	2	
Thallium	ug/L	0.1	0.1	U	0.1	0.1	U
Tin	ug/L	3	3	U	3	3	U
Titanium	ug/L	0.75	0.75	U	0.75	0.75	U
Vanadium	ug/L	2	2	U	2	2	U
Zinc	ug/L	5	5	U	10	5	I

Table 2: Location 28 Analytical Results

Radionuclides	Units	28-PRE Results	MDL	Remark	28-POST Results	MDL	Remark
Alpha, Total	pCi/L	3			1.1		U
Alpha-Counting Error	pCi/L	1.1			0.7		
Beta, Total	pCi/L	2.2			6.8		
Beta-Counting Error	pCi/L	1.1			0.9		
Radium 226	pCi/L	1.4			0.3		
Radium 226-Counting Error	pCi/L	0.2			0.1		
Radium 228	pCi/L	0.9		U	0.8		U
Radium 228-Counting Error	pCi/L	0.5			0.5		
Additional Analytes	Units	28-PRE Results	MDL	Remark	28-POST Results	MDL	Remark
1,4-Dioxane	ug/L	0.2	0.2	U	0.2	0.2	U
NO2NO3-N	mg N/L	0.005	0.004	I	0.006	0.004	I
Perchlorate	ug/L	1.2	1.2	U	0.6	0.6	U

0.8 Gray shading indicates analyte was detected above the laboratories method detection limit but at a concentration below any applicable Florida Drinking Water Standard or Groundwater Cleanup Target Level.

256 Yellow shading indicates analyte was detected above the laboratories method detection limit at a concentration exceeding either a Florida Drinking Water Standard or Groundwater Cleanup Target Level.

Location 29

SID POE

**Table 1: Summary of FDWS/GCTLs Exceedances and Radionuclides in Water Samples Collected Post-Treatment from Location 29
(SID POE)
February 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation**

Analyte	FDWS/GCTL	29-Post Feb 10
<i>Exceedances</i>		
None		
<i>Radionuclides</i>		
Total Alpha	15pCi/L (FPDWS)	ND
Radium 226/228	5 pCi/L (FPDWS)	0.3
Total Beta	50 pCi/L (FDEPSL)	ND
No Exceedances for Radionuclides		

FDWS=Florida Drinking Water Standard

GCTL=Ground Water Cleanup Target Level

FPDWS= Florida Primary Drinking Water Standard

FSDWS=Florida Secondary Drinking Water Standard

FDEPSL=FDEP Screening Level

ND=Non Detect

NA=Not Analyzed

Gray Shading= Analyte Detected

Yellow Shading=Exceedance of FDWS/GCTL

ug/L= micrograms per Liter

pCi/L=picocuries per Liter

mg/L=milligrams per Liter

Table 2: Location 29 Analytical Results

Volatile Organic Compounds	Units	29-PRE Results	MDL	Remark	29-POST Results	MDL	Remark
1,1,1-Trichloroethane	ug/L				0.2	0.2	U
1,1,2,2-Tetrachloroethane	ug/L				0.5	0.5	U
1,1,2-Trichloroethane	ug/L				0.2	0.2	U
1,1-Dichloroethane	ug/L				0.2	0.2	U
1,1-Dichloroethene	ug/L				0.5	0.5	U
1,2-Dichlorobenzene	ug/L				0.5	0.5	U
1,2-Dichloroethane	ug/L				0.2	0.2	U
1,2-Dichloropropane	ug/L				0.5	0.5	U
1,3-Dichlorobenzene	ug/L				0.5	0.5	U
1,4-Dichlorobenzene	ug/L				0.5	0.5	U
Benzene	ug/L				0.2	0.2	U
Bromodichloromethane	ug/L				0.2	0.2	U
Bromoform	ug/L				0.5	0.5	UJ
Bromomethane	ug/L				0.5	0.5	UJ
Carbon tetrachloride	ug/L				0.2	0.2	U
Chlorobenzene	ug/L				0.2	0.2	U
Chloroethane	ug/L				0.5	0.5	U
Chloroform	ug/L				0.2	0.2	U
Chloromethane	ug/L				0.5	0.5	U
cis-1,2-Dichloroethene	ug/L				0.5	0.5	U
cis-1,3-Dichloropropene	ug/L				0.5	0.5	U
Dibromochloromethane	ug/L				0.2	0.2	U
Ethylbenzene	ug/L				0.5	0.5	U
m,p-Xylene	ug/L				0.5	0.5	U
Methylene chloride	ug/L				0.5	0.5	UJ
Methyl-t-butyl ether	ug/L				0.5	0.5	U
o-Xylene	ug/L				0.2	0.2	U
Tetrachloroethene	ug/L				0.5	0.5	U
Toluene	ug/L				0.5	0.5	U
trans-1,2-Dichloroethene	ug/L				0.5	0.5	U

Table 2: Location 29 Analytical Results

Volatile Organic Compounds	Units	29-PRE Results	MDL	Remark	29-POST Results	MDL	Remark
trans-1,3-Dichloropropene	ug/L				0.2	0.2	U
Trichloroethene	ug/L				0.2	0.2	U
Trichlorofluoromethane	ug/L				0.5	0.5	U
Vinyl chloride	ug/L				0.5	0.5	U
Semi-Volatile Organic Compounds	Units	29-PRE Results	MDL	Remark	29-POST Results	MDL	Remark
1,2,4,5-Tetrachlorobenzene	ug/L				1	1	U
1,2,4-Trichlorobenzene	ug/L				1	1	U
1,3,5-Trinitrobenzene	ug/L				4.1	4.1	U
1,3-Dinitrobenzene	ug/L				2.1	2.1	U
1,4-Naphthoquinone	ug/L				21	21	UJ
1-Methylnaphthalene	ug/L				1	1	U
1-Naphthylamine	ug/L				10	10	UJ
2,3,4,6-Tetrachlorophenol	ug/L				2.1	2.1	U
2,4,5-Trichlorophenol	ug/L				1	1	U
2,4,6-Trichlorophenol	ug/L				1	1	U
2,4-Dichlorophenol	ug/L				1	1	U
2,4-Dimethylphenol	ug/L				10	10	UJ
2,4-Dinitrophenol	ug/L				16	16	U
2,4-Dinitrotoluene	ug/L				1	1	U
2,6-Dichlorophenol	ug/L				1	1	U
2,6-Dinitrotoluene	ug/L				1	1	U
2-Acetylaminofluorene	ug/L				1	1	U
2-Butanone	ug/L				5	5	U
2-Chloronaphthalene	ug/L				1	1	U
2-Chlorophenol	ug/L				1	1	U
2-Methyl-4,6-dinitrophenol	ug/L				3.1	3.1	U
2-Methylnaphthalene	ug/L				1	1	U
2-Naphthylamine	ug/L				10	10	U
2-Nitroaniline	ug/L				1	1	U

Table 2: Location 29 Analytical Results

Semi-Volatile Organic Compounds	Units	29-PRE Results	MDL	Remark	29-POST Results	MDL	Remark
2-Nitrophenol	ug/L				1	1	U
2-Picoline	ug/L				1	1	U
3,3'-Dichlorobenzidine	ug/L				41	41	UJ
3,3'-Dimethylbenzidine	ug/L				21	21	UJ
3-Methylcholanthrene	ug/L				1	1	U
3-Nitroaniline	ug/L				1	1	U
4-Aminobiphenyl	ug/L				4.1	4.1	U
4-Bromophenyl phenyl ether	ug/L				1	1	U
4-Chloro-3-methylphenol	ug/L				1	1	U
4-Chloroaniline	ug/L				1	1	U
4-Chlorophenyl phenyl ether	ug/L				2.1	2.1	U
4-Nitroaniline	ug/L				1	1	UJ
4-Nitrophenol	ug/L				16	16	U
5-Nitro-o-toluidine	ug/L				1	1	U
7,12-Dimethylbenz(a)anthracene	ug/L				1	1	U
Acenaphthene	ug/L				1	1	U
Acenaphthylene	ug/L				1	1	U
Acetophenone	ug/L				1	1	U
Acifluorfen	ug/L				0.21	0.21	U
Aniline	ug/L				1	1	U
Anthracene	ug/L				1	1	U
Azobenzene/1,2-Diphenylhydrazine	ug/L				1	1	U
Benzidine	ug/L				100	100	U
Benzo(a)anthracene	ug/L				1	1	U
Benzo(a)pyrene	ug/L				1	1	U
Benzo(b)fluoranthene	ug/L				1	1	U
Benzo(g,h,i)perylene	ug/L				1	1	U
Benzo(k)fluoranthene	ug/L				1	1	U
Benzyl alcohol	ug/L				1	1	U
Bis(2-chloroethoxy)methane	ug/L				1	1	U

Table 2: Location 29 Analytical Results

Semi-Volatile Organic Compounds	Units	29-PRE Results	MDL	Remark	29-POST Results	MDL	Remark
Bis(2-chloroethyl)ether	ug/L				1	1	U
Bis(2-chloroisopropyl)ether	ug/L				3.1	3.1	U
Bis(2-ethylhexyl)phthalate	ug/L				16	16	U
Butyl benzyl phthalate	ug/L				5.2	5.2	U
Carbazole	ug/L				1	1	U
Chrysene	ug/L				1	1	U
Dibenzo(a,h)anthracene	ug/L				1	1	U
Dibenzofuran	ug/L				1	1	U
Diethyl phthalate	ug/L				1	1	U
Dimethyl phthalate	ug/L				10	10	U
Dimethylaminoazobenzene	ug/L				1	1	U
Di-n-butyl phthalate	ug/L				5.2	5.2	U
Di-n-octyl phthalate	ug/L				1	1	U
Dinoseb	ug/L				4.1	4.1	U
Ethyl methanesulfonate	ug/L				1	1	U
Fluoranthene	ug/L				1	1	U
Fluorene	ug/L				1	1	U
Hexachlorobenzene	ug/L				1	1	U
Hexachlorobutadiene	ug/L				3.1	3.1	U
Hexachlorocyclopentadiene	ug/L				3.1	3.1	U
Hexachloroethane	ug/L				3.1	3.1	U
Hexachloropropene	ug/L				2.1	2.1	UJ
Indeno(1,2,3-cd)pyrene	ug/L				1	1	U
Isophorone	ug/L				1	1	U
Isosafrole	ug/L				1	1	UJ
m,p-Cresols	ug/L				2.1	2.1	U
Methapyrilene	ug/L				4.1	4.1	UJ
Methyl methanesulfonate	ug/L				1	1	UJ
Naphthalene	ug/L				1	1	U
Nitrobenzene	ug/L				2.1	2.1	U

Table 2: Location 29 Analytical Results

Semi-Volatile Organic Compounds	Units	29-PRE Results	MDL	Remark	29-POST Results	MDL	Remark
Nitroquinoline-1-oxide	ug/L				21	21	U
N-Nitrosodiethylamine	ug/L				1	1	U
N-Nitrosodimethylamine	ug/L				2.1	2.1	U
N-Nitrosodi-n-butylamine	ug/L				1	1	U
N-Nitrosodi-n-propylamine	ug/L				2.1	2.1	U
N-Nitrosodiphenylamine/ Diphenylamine	ug/L				3.1	3.1	U
N-Nitrosomethylethylamine	ug/L				2.1	2.1	U
N-Nitrosomorpholine	ug/L				1	1	U
N-Nitrosopiperidine	ug/L				1	1	U
N-Nitrosopyrrolidine	ug/L				2.1	2.1	U
o-Cresol	ug/L				2.1	2.1	U
o-Toluidine	ug/L				1	1	U
Pentachlorobenzene	ug/L				1	1	U
Pentachloroethane	ug/L				52	52	U
Pentachloronitrobenzene	ug/L				1	1	U
Pentachlorophenol	ug/L				3.1	3.1	U
Phenacetin	ug/L				4.1	4.1	U
Phenanthrene	ug/L				1	1	U
Phenol	ug/L				1	1	U
Pyrene	ug/L				1	1	U
Pyridine	ug/L				4.1	4.1	U
Safrole	ug/L				1	1	U
TRPH	mg/L				0.26	0.26	U
Pesticides/Herbicides/PCBs	Units	29-PRE Results	MDL	Remark	29-POST Results	MDL	Remark
1,2-Dibromo-3-Chloropropane	ug/L				0.01	0.01	U
1,2-Dibromoethane	ug/L				0.01	0.01	U
2,4,5-T	ug/L				0.21	0.21	U
2,4-D	ug/L				0.21	0.21	U
Alachlor	ug/L				0.59	0.59	U

Table 2: Location 29 Analytical Results

Pesticides/Herbicides/PCBs	Units	29-PRE Results	MDL	Remark	29-POST Results	MDL	Remark
Aldrin	ug/L				0.0098	0.0098	U
Alpha-BHC	ug/L				0.0098	0.0098	U
Ametryn	ug/L				0.049	0.049	U
Atrazine	ug/L				0.049	0.049	U
Azinphos Methyl	ug/L				0.2	0.2	U
Beta-BHC	ug/L				0.0098	0.0098	U
Bromacil	ug/L				0.2	0.2	UJ
Butylate	ug/L				0.2	0.2	U
Chlordane	ug/L				0.2	0.2	U
Chlorpyrifos Ethyl	ug/L				0.049	0.049	U
Chlorpyrifos Methyl	ug/L				0.098	0.098	U
DDD-p,p'	ug/L				0.02	0.02	U
DDE-p,p'	ug/L				0.02	0.02	U
DDT-p,p'	ug/L				0.029	0.029	U
Delta-BHC	ug/L				0.0098	0.0098	U
Diazinon	ug/L				0.049	0.049	U
Dieldrin	ug/L				0.02	0.02	U
Endosulfan I	ug/L				0.02	0.02	U
Endosulfan II	ug/L				0.02	0.02	U
Endosulfan Sulfate	ug/L				0.02	0.02	U
Endrin	ug/L				0.049	0.049	U
Endrin Aldehyde	ug/L				0.02	0.02	U
Ethion	ug/L				0.049	0.049	U
Ethoprop	ug/L				0.098	0.098	U
Fenamiphos	ug/L				0.2	0.2	U
Fonofos	ug/L				0.098	0.098	UJ
Gamma-BHC	ug/L				0.0098	0.0098	U
Heptachlor	ug/L				0.0098	0.0098	U
Heptachlor Epoxide	ug/L				0.02	0.02	U
Hexazinone	ug/L				0.098	0.098	U

Table 2: Location 29 Analytical Results

Pesticides/Herbicides/PCBs	Units	29-PRE Results	MDL	Remark	29-POST Results	MDL	Remark
Malathion	ug/L				0.15	0.15	U
Metalaxyl	ug/L				0.25	0.25	U
Methoxychlor	ug/L				0.049	0.049	UJ
Metolachlor	ug/L				0.49	0.49	U
Metribuzin	ug/L				0.098	0.098	UJ
Mevinphos	ug/L				0.2	0.2	UJ
Naled	ug/L				0.78	0.78	U
Norflurazon	ug/L				0.15	0.15	U
Parathion Ethyl	ug/L				0.15	0.15	U
Parathion Methyl	ug/L				0.098	0.098	U
PCB-1016	ug/L				0.2	0.2	U
PCB-1221	ug/L				0.2	0.2	U
PCB-1232	ug/L				0.2	0.2	U
PCB-1242	ug/L				0.29	0.29	U
PCB-1248	ug/L				0.2	0.2	U
PCB-1254	ug/L				0.29	0.29	U
PCB-1260	ug/L				0.2	0.2	U
Phorate	ug/L				0.049	0.049	U
Prometryn	ug/L				0.15	0.15	U
Silvex	ug/L				0.21	0.21	U
Simazine	ug/L				0.049	0.049	U
Toxaphene	ug/L				0.74	0.74	U
Metals	Units	29-PRE Results	MDL	Remark	29-POST Results	MDL	Remark
Aluminum	ug/L				60	60	U
Antimony	ug/L				0.25	0.25	U
Arsenic	ug/L				0.25	0.25	U
Barium	ug/L				1.78	0.2	
Beryllium	ug/L				0.025	0.025	U
Boron	ug/L				116	15	

Table 2: Location 29 Analytical Results

Metals	Units	29-PRE Results	MDL	Remark	29-POST Results	MDL	Remark
Cadmium	ug/L				0.03	0.03	U
Calcium	mg/L				4.88	0.075	
Chromium	ug/L				0.3	0.3	U
Cobalt	ug/L				0.03	0.03	U
Copper	ug/L				3.53	0.5	
Iron	ug/L				30	30	U
Lead	ug/L				0.23	0.2	I
Magnesium	mg/L				0.56	0.04	
Manganese	ug/L				0.94	0.75	I
Mercury	ug/L				0.12	0.12	U
Molybdenum	ug/L				0.15	0.15	U
Nickel	ug/L				0.37	0.25	I
Potassium	mg/L				1.1	0.3	I
Selenium	ug/L				0.2	0.2	U
Silver	ug/L				0.025	0.025	U
Sodium	mg/L				56.4	0.5	
Strontium	ug/L				37.9	2	
Thallium	ug/L				0.1	0.1	U
Tin	ug/L				3	3	U
Titanium	ug/L				0.75	0.75	U
Vanadium	ug/L				2	2	U
Zinc	ug/L				5.3	5	I
Radionuclides	Units	29-PRE Results	MDL	Remark	29-POST Results	MDL	Remark
Alpha, Total	pCi/L				1.4		U
Alpha-Counting Error	pCi/L				0.9		
Beta, Total	pCi/L				1.9		U
Beta-Counting Error	pCi/L				1.2		
Radium 226	pCi/L				0.3		
Radium 226-Counting Error	pCi/L				0.1		

Table 2: Location 29 Analytical Results

Radionuclides	Units	29-PRE Results	MDL	Remark	29-POST Results	MDL	Remark
Radium 228	pCi/L				0.8		U
Radium 228-Counting Error	pCi/L				0.5		
Additional Analytes	Units	29-PRE Results	MDL	Remark	29-POST Results	MDL	Remark
1,4-Dioxane	ug/L				0.2	0.2	U
NO2NO3-N	mg N/L				0.004	0.004	U
Perchlorate	ug/L				0.3	0.3	U

0.8 Gray shading indicates analyte was detected above the laboratories method detection limit but at a concentration below any applicable Florida Drinking Water Standard or Groundwater Cleanup Target Level.

256 Yellow shading indicates analyte was detected above the laboratories method detection limit at a concentration exceeding either a Florida Drinking Water Standard or Groundwater Cleanup Target Level.

Location 30

**Table 1: Summary of FDWS/GCTLs Exceedances and Radionuclides in Water Samples Collected Pre- and Post-Treatment from Location 30
March 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation**

Analyte	FDWS/GCTL	30-Pre	30-Post
<i>Exceedances</i>			
Iron	300 ug/L (FSDWS)	3,610	710
Manganese	50 ug/L (FSDWS)	44.5	4,920
<i>Radionuclides</i>			
Total Alpha	15pCi/L (FPDWS)	ND	11.5
Radium 226/228	5 pCi/L (FPDWS)	2.6	2.9
Total Beta	50 pCi/L (FDEPSL)	ND	ND
No Exceedances for Radionuclides			

FDWS=Florida Drinking Water Standard

GCTL=Ground Water Cleanup Target Level

FPDWS= Florida Primary Drinking Water Standard

FSDWS=Florida Secondary Drinking Water Standard

FDEPSL=FDEP Screening Level

ND=Non Detect

NA=Not Analyzed

Gray Shading= Analyte Detected

Yellow Shading=Exceedance of FDWS/GCTL

ug/L= micrograms per Liter

pCi/L=picocuries per Liter

mg/L=milligrams per Liter

Table 2: Location 30 Analytical Results

Volatile Organic Compounds	Units	30-PRE Results	MDL	Remark	30-Pre Dup Results	MDL	Remark	30-POST Results	MDL	Remark
1,1,1-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U	2	2	U
1,1,2,2-Tetrachloroethane	ug/L	0.5	0.5	U	0.5	0.5	U	5	5	U
1,1,2-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U	2	2	U
1,1-Dichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U	2	2	U
1,1-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U	5	5	U
1,2-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U	5	5	U
1,2-Dichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U	2	2	U
1,2-Dichloropropane	ug/L	0.5	0.5	U	0.5	0.5	U	5	5	U
1,3-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U	5	5	U
1,4-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U	5	5	U
Benzene	ug/L	0.2	0.2	U	0.2	0.2	U	2	2	U
Bromodichloromethane	ug/L	0.2	0.2	U	0.2	0.2	U	2	2	U
Bromoform	ug/L	0.5	0.5	UJ	0.5	0.5	UJ	5	5	UJ
Bromomethane	ug/L	0.5	0.5	U	0.5	0.5	U	5	5	U
Carbon tetrachloride	ug/L	0.2	0.2	U	0.2	0.2	U	2	2	U
Chlorobenzene	ug/L	0.2	0.2	U	0.2	0.2	U	2	2	U
Chloroethane	ug/L	0.5	0.5	U	0.5	0.5	U	5	5	U
Chloroform	ug/L	0.2	0.2	U	0.2	0.2	U	2	2	U
Chloromethane	ug/L	0.5	0.5	U	0.5	0.5	U	5	5	U
cis-1,2-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U	5	5	U
cis-1,3-Dichloropropene	ug/L	0.5	0.5	U	0.5	0.5	U	5	5	U
Dibromochloromethane	ug/L	0.2	0.2	U	0.2	0.2	U	2	2	U
Ethylbenzene	ug/L	0.5	0.5	U	0.5	0.5	U	5	5	U
m,p-Xylene	ug/L	0.5	0.5	U	0.5	0.5	U	5	5	U
Methylene chloride	ug/L	0.5	0.5	U	0.5	0.5	U	5	5	U
Methyl-t-butyl ether	ug/L	0.5	0.5	U	0.5	0.5	U	5	5	U
o-Xylene	ug/L	0.2	0.2	U	0.2	0.2	U	2	2	U
Tetrachloroethene	ug/L	0.5	0.5	U	0.5	0.5	U	5	5	U

Table 2: Location 30 Analytical Results

Volatile Organic Compounds	Units	30-PRE Results	MDL	Remark	30-Pre Dup Results	MDL	Remark	30-POST Results	MDL	Remark
Toluene	ug/L	0.2	0.2	U	0.2	0.2	U	2	2	U
trans-1,2-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U	5	5	U
trans-1,3-Dichloropropene	ug/L	0.5	0.5	U	0.5	0.5	U	5	5	U
Trichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U	5	5	U
Trichlorofluoromethane	ug/L	0.2	0.2	U	0.2	0.2	U	2	2	U
Vinyl chloride	ug/L	0.2	0.2	U	0.2	0.2	U	2	2	U
Semi-Volatile Organic Compounds	Units	30-PRE Results	MDL	Remark	30-Pre Dup Results	MDL	Remark	30-POST Results	MDL	Remark
1,2,4,5-Tetrachlorobenzene	ug/L	0.98	0.98	U	0.98	0.98	U	1	1	U
1,2,4-Trichlorobenzene	ug/L	0.98	0.98	U	0.98	0.98	U	1	1	U
1,3,5-Trinitrobenzene	ug/L	3.9	3.9	UJ	3.9	3.9	U	4	4	U
1,3-Dinitrobenzene	ug/L	2	2	U	2	2	U	2	2	U
1,4-Naphthoquinone	ug/L	20	20	UJ	20	20	UJ	20	20	UJ
1-Methylnaphthalene	ug/L	0.98	0.98	U	0.98	0.98	U	1	1	U
1-Naphthylamine	ug/L	9.8	9.8	U	9.8	9.8	U	10	10	U
2,3,4,6-Tetrachlorophenol	ug/L	2	2	U	2	2	U	2	2	U
2,4,5-Trichlorophenol	ug/L	0.98	0.98	U	0.98	0.98	U	1	1	U
2,4,6-Trichlorophenol	ug/L	0.98	0.98	U	0.98	0.98	U	1	1	U
2,4-Dichlorophenol	ug/L	0.98	0.98	U	0.98	0.98	U	1	1	U
2,4-Dimethylphenol	ug/L	9.8	9.8	U	9.8	9.8	U	10	10	U
2,4-Dinitrophenol	ug/L	15	15	U	15	15	U	15	15	U
2,4-Dinitrotoluene	ug/L	0.98	0.98	U	0.98	0.98	U	1	1	U
2,6-Dichlorophenol	ug/L	0.98	0.98	U	0.98	0.98	U	1	1	U
2,6-Dinitrotoluene	ug/L	0.98	0.98	U	0.98	0.98	U	1	1	U
2-Acetylaminofluorene	ug/L	0.98	0.98	U	0.98	0.98	U	1	1	U
2-Butanone	ug/L	5	5	UJ	5	5	UJ	50	50	UJ
2-Chloronaphthalene	ug/L	0.98	0.98	UJ	0.98	0.98	UJ	1	1	UJ
2-Chlorophenol	ug/L	0.98	0.98	U	0.98	0.98	U	1	1	U

Table 2: Location 30 Analytical Results

Semi-Volatile Organic Compounds	Units	30-PRE Results	MDL	Remark	30-Pre Dup Results	MDL	Remark	30-POST Results	MDL	Remark
2-Methyl-4,6-dinitrophenol	ug/L	2.9	2.9	U	2.9	2.9	U	3	3	U
2-Methylnaphthalene	ug/L	0.98	0.98	U	0.98	0.98	U	1	1	U
2-Naphthylamine	ug/L	9.8	9.8	UJ	9.8	9.8	U	10	10	U
2-Nitroaniline	ug/L	0.98	0.98	U	0.98	0.98	U	1	1	U
2-Nitrophenol	ug/L	0.98	0.98	U	0.98	0.98	U	1	1	U
2-Picoline	ug/L	0.98	0.98	U	0.98	0.98	U	1	1	U
3,3'-Dichlorobenzidine	ug/L	39	39	U	39	39	U	40	40	U
3,3'-Dimethylbenzidine	ug/L	20	20	UJ	20	20	UJ	20	20	UJ
3-Methylcholanthrene	ug/L	0.98	0.98	U	0.98	0.98	U	1	1	U
3-Nitroaniline	ug/L	0.98	0.98	U	0.98	0.98	U	1	1	U
4-Aminobiphenyl	ug/L	3.9	3.9	UJ	3.9	3.9	U	4	4	U
4-Bromophenyl phenyl ether	ug/L	0.98	0.98	U	0.98	0.98	U	1	1	U
4-Chloro-3-methylphenol	ug/L	0.98	0.98	U	0.98	0.98	U	1	1	U
4-Chloroaniline	ug/L	0.98	0.98	U	0.98	0.98	U	1	1	U
4-Chlorophenyl phenyl ether	ug/L	2	2	U	2	2	U	2	2	U
4-Nitroaniline	ug/L	0.98	0.98	UJ	0.98	0.98	UJ	1	1	UJ
4-Nitrophenol	ug/L	15	15	U	15	15	U	15	15	U
5-Nitro-o-toluidine	ug/L	0.98	0.98	U	0.98	0.98	U	1	1	U
7,12-Dimethylbenz(a)anthracene	ug/L	0.98	0.98	U	0.98	0.98	U	1	1	U
Acenaphthene	ug/L	0.98	0.98	U	0.98	0.98	U	1	1	U
Acenaphthylene	ug/L	0.98	0.98	U	0.98	0.98	U	1	1	U
Acetophenone	ug/L	0.98	0.98	U	0.98	0.98	U	1	1	U
Acifluorfen	ug/L	0.21	0.21	U	0.2	0.2	U	0.2	0.2	U
Aniline	ug/L	0.98	0.98	U	0.98	0.98	U	1	1	U
Anthracene	ug/L	0.98	0.98	U	0.98	0.98	U	1	1	U
Azobenzene/1,2-Diphenylhydrazine	ug/L	0.98	0.98	U	0.98	0.98	U	1	1	U
Benzidine	ug/L	98	98	U	98	98	U	100	100	U
Benzo(a)anthracene	ug/L	0.98	0.98	U	0.98	0.98	U	1	1	U

Table 2: Location 30 Analytical Results

Semi-Volatile Organic Compounds	Units	30-PRE Results	MDL	Remark	30-Pre Dup Results	MDL	Remark	30-POST Results	MDL	Remark
Benzo(a)pyrene	ug/L	0.98	0.98	U	0.98	0.98	U	1	1	U
Benzo(b)fluoranthene	ug/L	0.98	0.98	U	0.98	0.98	U	1	1	U
Benzo(g,h,i)perylene	ug/L	0.98	0.98	U	0.98	0.98	U	1	1	U
Benzo(k)fluoranthene	ug/L	0.98	0.98	U	0.98	0.98	U	1	1	U
Benzyl alcohol	ug/L	0.98	0.98	U	0.98	0.98	U	1	1	U
Bis(2-chloroethoxy)methane	ug/L	0.98	0.98	U	0.98	0.98	U	1	1	U
Bis(2-chloroethyl)ether	ug/L	0.98	0.98	U	0.98	0.98	U	1	1	U
Bis(2-chloroisopropyl)ether	ug/L	2.9	2.9	U	2.9	2.9	U	3	3	U
Bis(2-ethylhexyl)phthalate	ug/L	15	15	U	15	15	U	15	15	U
Butyl benzyl phthalate	ug/L	4.9	4.9	U	4.9	4.9	U	5.1	5.1	U
Carbazole	ug/L	0.98	0.98	U	0.98	0.98	U	1	1	U
Chrysene	ug/L	0.98	0.98	U	0.98	0.98	U	1	1	U
Dibenzo(a,h)anthracene	ug/L	0.98	0.98	U	0.98	0.98	U	1	1	U
Dibenzofuran	ug/L	0.98	0.98	U	0.98	0.98	U	1	1	U
Diethyl phthalate	ug/L	0.98	0.98	U	0.98	0.98	U	1	1	U
Dimethyl phthalate	ug/L	9.8	9.8	U	9.8	9.8	U	10	10	U
Dimethylaminoazobenzene	ug/L	0.98	0.98	U	0.98	0.98	U	1	1	U
Di-n-butyl phthalate	ug/L	4.9	4.9	U	4.9	4.9	U	5.1	5.1	U
Di-n-octyl phthalate	ug/L	0.98	0.98	U	0.98	0.98	U	1	1	U
Dinoseb	ug/L	3.9	3.9	U	3.9	3.9	U	4	4	U
Ethyl methanesulfonate	ug/L	0.98	0.98	U	0.98	0.98	U	1	1	U
Fluoranthene	ug/L	0.98	0.98	U	0.98	0.98	U	1	1	U
Fluorene	ug/L	0.98	0.98	U	0.98	0.98	U	1	1	U
Hexachlorobenzene	ug/L	0.98	0.98	U	0.98	0.98	U	1	1	U
Hexachlorobutadiene	ug/L	2.9	2.9	U	2.9	2.9	U	3	3	U
Hexachlorocyclopentadiene	ug/L	2.9	2.9	U	2.9	2.9	U	3	3	U
Hexachloroethane	ug/L	2.9	2.9	U	2.9	2.9	U	3	3	U
Hexachloropropene	ug/L	2	2	UJ	2	2	UJ	2	2	UJ

Table 2: Location 30 Analytical Results

Semi-Volatile Organic Compounds	Units	30-PRE Results	MDL	Remark	30-Pre Dup Results	MDL	Remark	30-POST Results	MDL	Remark
Indeno(1,2,3-cd)pyrene	ug/L	0.98	0.98	U	0.98	0.98	U	1	1	U
Isophorone	ug/L	0.98	0.98	U	0.98	0.98	U	1	1	U
Isosafrole	ug/L	0.98	0.98	UJ	0.98	0.98	UJ	1	1	UJ
m,p-Cresols	ug/L	2	2	U	2	2	U	2	2	U
Methapyrilene	ug/L	3.9	3.9	U	3.9	3.9	U	4	4	U
Methyl methanesulfonate	ug/L	0.98	0.98	UJ	0.98	0.98	UJ	1	1	UJ
Naphthalene	ug/L	0.98	0.98	U	0.98	0.98	U	1	1	U
Nitrobenzene	ug/L	2	2	U	2	2	U	2	2	U
Nitroquinoline-1-oxide	ug/L	20	20	UJ	20	20	U	20	20	U
N-Nitrosodiethylamine	ug/L	0.98	0.98	U	0.98	0.98	U	1	1	U
N-Nitrosodimethylamine	ug/L	2	2	U	2	2	U	2	2	U
N-Nitrosodi-n-butylamine	ug/L	0.98	0.98	U	0.98	0.98	U	1	1	U
N-Nitrosodi-n-propylamine	ug/L	2	2	U	2	2	U	2	2	U
N-Nitrosodiphenylamine/ Diphenylamine	ug/L	2.9	2.9	U	2.9	2.9	U	3	3	U
N-Nitrosomethylethylamine	ug/L	2	2	U	2	2	U	2	2	U
N-Nitrosomorpholine	ug/L	0.98	0.98	U	0.98	0.98	U	1	1	U
N-Nitrosopiperidine	ug/L	0.98	0.98	U	0.98	0.98	U	1	1	U
N-Nitrosopyrrolidine	ug/L	2	2	U	2	2	U	2	2	U
o-Cresol	ug/L	2	2	U	2	2	U	2	2	U
o-Toluidine	ug/L	0.98	0.98	U	0.98	0.98	U	1	1	U
Pentachlorobenzene	ug/L	0.98	0.98	U	0.98	0.98	U	1	1	U
Pentachloroethane	ug/L	49	49	U	49	49	U	51	51	U
Pentachloronitrobenzene	ug/L	0.98	0.98	U	0.98	0.98	U	1	1	U
Pentachlorophenol	ug/L	2.9	2.9	U	2.9	2.9	U	3	3	U
Phenacetin	ug/L	3.9	3.9	U	3.9	3.9	U	4	4	U
Phenanthrene	ug/L	0.98	0.98	U	0.98	0.98	U	1	1	U
Phenol	ug/L	0.98	0.98	U	0.98	0.98	U	1	1	U
Pyrene	ug/L	0.98	0.98	U	0.98	0.98	U	1	1	U

Table 2: Location 30 Analytical Results[illegible]

Table 2: Location 30 Analytical Results

Pesticides/Herbicides/PCBs	Units	30-PRE Results	MDL	Remark	30-Pre Dup Results	MDL	Remark	30-POST Results	MDL	Remark
Endosulfan I	ug/L	0.02	0.02	U	0.02	0.02	U	0.02	0.02	U
Endosulfan II	ug/L	0.02	0.02	U	0.02	0.02	U	0.02	0.02	U
Endosulfan Sulfate	ug/L	0.02	0.02	U	0.02	0.02	U	0.02	0.02	U
Endrin	ug/L	0.05	0.05	U	0.05	0.05	U	0.051	0.051	U
Endrin Aldehyde	ug/L	0.02	0.02	U	0.02	0.02	U	0.02	0.02	U
Ethion	ug/L	0.05	0.05	U	0.05	0.05	U	0.051	0.051	U
Ethoprop	ug/L	0.1	0.1	U	0.1	0.1	U	0.1	0.1	U
Fenamiphos	ug/L	0.2	0.2	UJ	0.2	0.2	UJ	0.2	0.2	UJ
Fonofos	ug/L	0.1	0.1	U	0.1	0.1	U	0.1	0.1	U
Gamma-BHC	ug/L	0.01	0.01	U	0.01	0.01	U	0.01	0.01	U
Heptachlor	ug/L	0.01	0.01	U	0.01	0.01	U	0.01	0.01	U
Heptachlor Epoxide	ug/L	0.02	0.02	U	0.02	0.02	U	0.02	0.02	U
Hexazinone	ug/L	0.1	0.1	UJ	0.1	0.1	UJ	0.1	0.1	UJ
Malathion	ug/L	0.15	0.15	U	0.15	0.15	U	0.15	0.15	U
Metalaxyl	ug/L	0.25	0.25	UJ	0.25	0.25	UJ	0.25	0.25	UJ
Methoxychlor	ug/L	0.05	0.05	U	0.05	0.05	U	0.051	0.051	U
Metolachlor	ug/L	0.5	0.5	UJ	0.5	0.5	UJ	0.51	0.51	UJ
Metribuzin	ug/L	0.1	0.1	UJ	0.1	0.1	UJ	0.1	0.1	UJ
Mevinphos	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
Naled	ug/L	0.8	0.8	U	0.8	0.8	U	0.81	0.81	U
Norflurazon	ug/L	0.15	0.15	U	0.15	0.15	U	0.15	0.15	U
Parathion Ethyl	ug/L	0.15	0.15	U	0.15	0.15	U	0.15	0.15	U
Parathion Methyl	ug/L	0.1	0.1	U	0.1	0.1	U	0.1	0.1	U
PCB-1016	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
PCB-1221	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
PCB-1232	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
PCB-1242	ug/L	0.3	0.3	U	0.3	0.3	U	0.3	0.3	U
PCB-1248	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U

Table 2: Location 30 Analytical Results

Pesticides/Herbicides/PCBs	Units	30-PRE Results	MDL	Remark	30-Pre Dup Results	MDL	Remark	30-POST Results	MDL	Remark
PCB-1254	ug/L	0.3	0.3	U	0.3	0.3	U	0.3	0.3	U
PCB-1260	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
Phorate	ug/L	0.05	0.05	U	0.05	0.05	U	0.051	0.051	U
Prometryn	ug/L	0.15	0.15	U	0.15	0.15	U	0.15	0.15	U
Silvex	ug/L	0.21	0.21	U	0.2	0.2	U	0.2	0.2	U
Simazine	ug/L	0.05	0.05	U	0.05	0.05	U	0.051	0.051	U
Toxaphene	ug/L	0.75	0.75	U	0.75	0.75	U	0.76	0.76	U
Metals	Units	30-PRE Results	MDL	Remark	30-Pre Dup Results	MDL	Remark	30-POST Results	MDL	Remark
Aluminum	ug/L	60	60	U	60	60	U	60	60	U
Antimony	ug/L	0.25	0.25	U	0.25	0.25	U	0.25	0.25	U
Arsenic	ug/L	1.25	0.25		1.16	0.25		2.16	0.25	
Barium	ug/L	86.6	0.2		86.4	0.2		136	0.2	
Beryllium	ug/L	0.025	0.025	U	0.025	0.025	U	0.18	0.025	
Boron	ug/L	21	15	I	21	15	I	25	15	I
Cadmium	ug/L	0.03	0.03	U	0.03	0.03	U	0.043	0.03	I
Calcium	mg/L	153	0.075		156	0.075		332	0.22	
Chromium	ug/L	0.41	0.3	I	0.39	0.3	I	2.5	0.3	
Cobalt	ug/L	0.2	0.03		0.2	0.03		10.6	0.03	
Copper	ug/L	0.87	0.5		0.76	0.5		12	0.5	
Iron	ug/L	3.61E+03	30		3.48E+03	30		710	30	
Lead	ug/L	0.2	0.2	U	0.2	0.2	U	0.46	0.2	I
Magnesium	mg/L	5.68	0.04		5.61	0.04		12.8	0.04	
Manganese	ug/L	44.5	0.75		44.2	0.75		4.92E+03	0.75	
Mercury	ug/L	0.12	0.12	U	0.12	0.12	U	0.12	0.12	U
Molybdenum	ug/L	0.38	0.15	I	0.4	0.15	I	0.25	0.15	I
Nickel	ug/L	0.56	0.25	I	0.53	0.25	I	7.04	0.25	
Potassium	mg/L	0.82	0.3	I	0.81	0.3	I	1	0.3	I

Table 2: Location 30 Analytical Results

Metals	Units	30-PRE Results	MDL	Remark	30-Pre Dup Results	MDL	Remark	30-POST Results	MDL	Remark
Selenium	ug/L	0.29	0.2	I	0.2	0.2	U	2.49	0.2	
Silver	ug/L	0.025	0.025	U	0.025	0.025	U	0.025	0.025	U
Sodium	mg/L	89.9	0.5		91.1	0.5		117	0.5	
Strontium	ug/L	443	2		449	2		985	2	
Thallium	ug/L	0.1	0.1	U	0.1	0.1	U	0.1	0.1	U
Tin	ug/L	30	30	U	15	15	U	8	8	U
Titanium	ug/L	0.75	0.75	U	0.75	0.75	U	1.8	0.75	I
Vanadium	ug/L	2	2	U	2	2	U	2.8	2	I
Zinc	ug/L	5	5	U	5	5	U	5	5	U
Radionuclides	Units	30-PRE Results	MDL	Remark	30-Pre Dup Results	MDL	Remark	30-POST Results	MDL	Remark
Alpha, Total	pCi/L	5.3		U	4.5		U	11.5		
Alpha-Counting Error	pCi/L	3.4			2.9			4.4		
Beta, Total	pCi/L	4.7		U	4.6		U	7.3		U
Beta-Counting Error	pCi/L	2.9			2.8			4.5		
Radium 226	pCi/L	2.6			3.2			2.9		
Radium 226-Counting Error	pCi/L	0.3			0.3			0.3		
Radium 228	pCi/L	0.8		U	0.9			0.9		U
Radium 228-Counting Error	pCi/L	0.5			0.6			0.5		
Additional Analytes	Units	30-PRE Results	MDL	Remark	30-Pre Dup Results	MDL	Remark	30-POST Results	MDL	Remark
1,4-Dioxane	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
NO2NO3-N	mg N/L	0.02	0.02	U	0.04	0.04	U	0.004	0.004	U
Perchlorate	ug/L	1.2	1.2	U	1.5	1.5	U	60	60	U

Table 2: Location 30 Analytical Results

0.8 Gray shading indicates analyte was detected above the laboratories method detection limit but at a concentration below any applicable Florida Drinking Water Standard or Groundwater Cleanup Target Level.

256 Yellow shading indicates analyte was detected above the laboratories method detection limit at a concentration exceeding either a Florida Drinking Water Standard or Groundwater Cleanup Target Level.

Location 31

**Table 1: Summary of FDWS/GCTLs Exceedances and Radionuclides in Water Samples Collected Pre- and Post-Treatment from Location 31
March 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation**

Analyte	FDWS/GCTL	31-Pre	31-Post
<i>Exceedances</i>			
Iron	300 ug/L (FSDWS)	2,210	ND
<i>Radionuclides</i>			
Total Alpha	15pCi/L (FPDWS)	2.6	ND
Radium 226/228	5 pCi/L (FPDWS)	2.4	ND
Total Beta	50 pCi/L (FDEPSL)	4.3	ND
No Exceedances for Radionuclides			

FDWS=Florida Drinking Water Standard

GCTL=Ground Water Cleanup Target Level

FPDWS= Florida Primary Drinking Water Standard

FSDWS=Florida Secondary Drinking Water Standard

FDEPSL=FDEP Screening Level

ND=Non Detect

NA=Not Analyzed

Gray Shading= Analyte Detected

Yellow Shading=Exceedance of FDWS/GCTL

ug/L= micrograms per Liter

pCi/L=picocuries per Liter

mg/L=milligrams per Liter

Table 2: Location 31 Analytical Results

Volatile Organic Compounds	Units	31-PRE Results	MDL	Remark	31-POST Results	MDL	Remark
1,1,1-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1,2,2-Tetrachloroethane	ug/L	0.5	0.5	U	0.5	0.5	U
1,1,2-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
1,2-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
1,2-Dichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,2-Dichloropropane	ug/L	0.5	0.5	U	0.5	0.5	U
1,3-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
1,4-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
Benzene	ug/L	0.2	0.2	U	0.2	0.2	U
Bromodichloromethane	ug/L	0.2	0.2	U	0.2	0.2	U
Bromoform	ug/L	0.5	0.5	UJ	0.5	0.5	UJ
Bromomethane	ug/L	0.5	0.5	U	0.5	0.5	U
Carbon tetrachloride	ug/L	0.2	0.2	U	0.2	0.2	U
Chlorobenzene	ug/L	0.2	0.2	U	0.2	0.2	U
Chloroethane	ug/L	0.5	0.5	U	0.5	0.5	U
Chloroform	ug/L	0.2	0.2	U	0.2	0.2	U
Chloromethane	ug/L	0.5	0.5	U	0.5	0.5	U
cis-1,2-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
cis-1,3-Dichloropropene	ug/L	0.5	0.5	U	0.5	0.5	U
Dibromochloromethane	ug/L	0.2	0.2	U	0.2	0.2	U
Ethylbenzene	ug/L	0.5	0.5	U	0.5	0.5	U
m,p-Xylene	ug/L	0.5	0.5	U	0.5	0.5	U
Methylene chloride	ug/L	0.5	0.5	U	0.5	0.5	U
Methyl-t-butyl ether	ug/L	0.5	0.5	U	0.5	0.5	U
o-Xylene	ug/L	0.2	0.2	U	0.2	0.2	U
Tetrachloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
Toluene	ug/L	0.5	0.5	U	0.5	0.5	U
trans-1,2-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U

Table 2: Location 31 Analytical Results

Volatile Organic Compounds	Units	31-PRE Results	MDL	Remark	31-POST Results	MDL	Remark
trans-1,3-Dichloropropene	ug/L	0.2	0.2	U	0.2	0.2	U
Trichloroethene	ug/L	0.2	0.2	U	0.2	0.2	U
Trichlorofluoromethane	ug/L	0.5	0.5	U	0.5	0.5	U
Vinyl chloride	ug/L	0.5	0.5	U	0.5	0.5	U
Semi-Volatile Organic Compounds	Units	31-PRE Results	MDL	Remark	31-POST Results	MDL	Remark
1,2,4,5-Tetrachlorobenzene	ug/L	0.98	0.98	U	0.95	0.95	U
1,2,4-Trichlorobenzene	ug/L	0.98	0.98	U	0.95	0.95	U
1,3,5-Trinitrobenzene	ug/L	3.9	3.9	U	3.8	3.8	U
1,3-Dinitrobenzene	ug/L	2	2	U	1.9	1.9	U
1,4-Naphthoquinone	ug/L	20	20	UJ	19	19	UJ
1-Methylnaphthalene	ug/L	0.98	0.98	U	0.95	0.95	U
1-Naphthylamine	ug/L	9.8	9.8	U	9.5	9.5	U
2,3,4,6-Tetrachlorophenol	ug/L	2	2	U	1.9	1.9	U
2,4,5-Trichlorophenol	ug/L	0.98	0.98	U	0.95	0.95	U
2,4,6-Trichlorophenol	ug/L	0.98	0.98	U	0.95	0.95	U
2,4-Dichlorophenol	ug/L	0.98	0.98	U	0.95	0.95	U
2,4-Dimethylphenol	ug/L	9.8	9.8	U	9.5	9.5	U
2,4-Dinitrophenol	ug/L	15	15	U	14	14	U
2,4-Dinitrotoluene	ug/L	0.98	0.98	U	0.95	0.95	U
2,6-Dichlorophenol	ug/L	0.98	0.98	U	0.95	0.95	U
2,6-Dinitrotoluene	ug/L	0.98	0.98	U	0.95	0.95	U
2-Acetylaminofluorene	ug/L	0.98	0.98	U	0.95	0.95	U
2-Butanone	ug/L	5	5	UJ	5	5	UJ
2-Chloronaphthalene	ug/L	0.98	0.98	UJ	0.95	0.95	UJ
2-Chlorophenol	ug/L	0.98	0.98	U	0.95	0.95	U
2-Methyl-4,6-dinitrophenol	ug/L	2.9	2.9	U	2.9	2.9	U
2-Methylnaphthalene	ug/L	0.98	0.98	U	0.95	0.95	U
2-Naphthylamine	ug/L	9.8	9.8	U	9.5	9.5	U
2-Nitroaniline	ug/L	0.98	0.98	U	0.95	0.95	U

Table 2: Location 31 Analytical Results

Semi-Volatile Organic Compounds	Units	31-PRE Results	MDL	Remark	31-POST Results	MDL	Remark
2-Nitrophenol	ug/L	0.98	0.98	U	0.95	0.95	U
2-Picoline	ug/L	0.98	0.98	U	0.95	0.95	U
3,3'-Dichlorobenzidine	ug/L	39	39	U	38	38	U
3,3'-Dimethylbenzidine	ug/L	20	20	UJ	19	19	UJ
3-Methylcholanthrene	ug/L	0.98	0.98	U	0.95	0.95	U
3-Nitroaniline	ug/L	0.98	0.98	U	0.95	0.95	U
4-Aminobiphenyl	ug/L	3.9	3.9	U	3.8	3.8	U
4-Bromophenyl phenyl ether	ug/L	0.98	0.98	U	0.95	0.95	U
4-Chloro-3-methylphenol	ug/L	0.98	0.98	U	0.95	0.95	U
4-Chloroaniline	ug/L	0.98	0.98	U	0.95	0.95	U
4-Chlorophenyl phenyl ether	ug/L	2	2	U	1.9	1.9	U
4-Nitroaniline	ug/L	0.98	0.98	UJ	0.95	0.95	UJ
4-Nitrophenol	ug/L	15	15	U	14	14	U
5-Nitro-o-toluidine	ug/L	0.98	0.98	U	0.95	0.95	U
7,12-Dimethylbenz(a)anthracene	ug/L	0.98	0.98	U	0.95	0.95	U
Acenaphthene	ug/L	0.98	0.98	U	0.95	0.95	U
Acenaphthylene	ug/L	0.98	0.98	U	0.95	0.95	U
Acetophenone	ug/L	0.98	0.98	U	0.95	0.95	U
Acifluorfen	ug/L	0.21	0.21	U	0.21	0.21	U
Aniline	ug/L	0.98	0.98	U	0.95	0.95	U
Anthracene	ug/L	0.98	0.98	U	0.95	0.95	U
Azobenzene/1,2-Diphenylhydrazine	ug/L	0.98	0.98	U	0.95	0.95	U
Benzidine	ug/L	98	98	U	95	95	U
Benzo(a)anthracene	ug/L	0.98	0.98	U	0.95	0.95	U
Benzo(a)pyrene	ug/L	0.98	0.98	U	0.95	0.95	U
Benzo(b)fluoranthene	ug/L	0.98	0.98	U	0.95	0.95	U
Benzo(g,h,i)perylene	ug/L	0.98	0.98	U	0.95	0.95	U
Benzo(k)fluoranthene	ug/L	0.98	0.98	U	0.95	0.95	U
Benzyl alcohol	ug/L	0.98	0.98	U	0.95	0.95	U
Bis(2-chloroethoxy)methane	ug/L	0.98	0.98	U	0.95	0.95	U

Table 2: Location 31 Analytical Results

Semi-Volatile Organic Compounds	Units	31-PRE Results	MDL	Remark	31-POST Results	MDL	Remark
Bis(2-chloroethyl)ether	ug/L	0.98	0.98	U	0.95	0.95	U
Bis(2-chloroisopropyl)ether	ug/L	2.9	2.9	U	2.9	2.9	U
Bis(2-ethylhexyl)phthalate	ug/L	15	15	U	14	14	U
Butyl benzyl phthalate	ug/L	4.9	4.9	U	4.8	4.8	U
Carbazole	ug/L	0.98	0.98	U	0.95	0.95	U
Chrysene	ug/L	0.98	0.98	U	0.95	0.95	U
Dibenzo(a,h)anthracene	ug/L	0.98	0.98	U	0.95	0.95	U
Dibenzofuran	ug/L	0.98	0.98	U	0.95	0.95	U
Diethyl phthalate	ug/L	0.98	0.98	U	0.95	0.95	U
Dimethyl phthalate	ug/L	9.8	9.8	U	9.5	9.5	U
Dimethylaminoazobenzene	ug/L	0.98	0.98	U	0.95	0.95	U
Di-n-butyl phthalate	ug/L	4.9	4.9	U	4.8	4.8	U
Di-n-octyl phthalate	ug/L	0.98	0.98	U	0.95	0.95	U
Dinoseb	ug/L	3.9	3.9	U	3.8	3.8	U
Ethyl methanesulfonate	ug/L	0.98	0.98	U	0.95	0.95	U
Fluoranthene	ug/L	0.98	0.98	U	0.95	0.95	U
Fluorene	ug/L	0.98	0.98	U	0.95	0.95	U
Hexachlorobenzene	ug/L	0.98	0.98	U	0.95	0.95	U
Hexachlorobutadiene	ug/L	2.9	2.9	U	2.9	2.9	U
Hexachlorocyclopentadiene	ug/L	2.9	2.9	U	2.9	2.9	U
Hexachloroethane	ug/L	2.9	2.9	U	2.9	2.9	U
Hexachloropropene	ug/L	2	2	UJ	1.9	1.9	UJ
Indeno(1,2,3-cd)pyrene	ug/L	0.98	0.98	U	0.95	0.95	U
Isophorone	ug/L	0.98	0.98	U	0.95	0.95	U
Isosafrole	ug/L	0.98	0.98	UJ	0.95	0.95	UJ
m,p-Cresols	ug/L	2	2	U	1.9	1.9	U
Methapyrilene	ug/L	3.9	3.9	U	3.8	3.8	U
Methyl methanesulfonate	ug/L	0.98	0.98	UJ	0.95	0.95	UJ
Naphthalene	ug/L	0.98	0.98	U	0.95	0.95	U
Nitrobenzene	ug/L	2	2	U	1.9	1.9	U

Table 2: Location 31 Analytical Results

Semi-Volatile Organic Compounds	Units	31-PRE Results	MDL	Remark	31-POST Results	MDL	Remark
Nitroquinoline-1-oxide	ug/L	20	20	U	19	19	U
N-Nitrosodiethylamine	ug/L	0.98	0.98	U	0.95	0.95	U
N-Nitrosodimethylamine	ug/L	2	2	U	1.9	1.9	U
N-Nitrosodi-n-butylamine	ug/L	0.98	0.98	U	0.95	0.95	U
N-Nitrosodi-n-propylamine	ug/L	2	2	U	1.9	1.9	U
N-Nitrosodiphenylamine/ Diphenylamine	ug/L	2.9	2.9	U	2.9	2.9	U
N-Nitrosomethylethylamine	ug/L	2	2	U	1.9	1.9	U
N-Nitrosomorpholine	ug/L	0.98	0.98	U	0.95	0.95	U
N-Nitrosopiperidine	ug/L	0.98	0.98	U	0.95	0.95	U
N-Nitrosopyrrolidine	ug/L	2	2	U	1.9	1.9	U
o-Cresol	ug/L	2	2	U	1.9	1.9	U
o-Toluidine	ug/L	0.98	0.98	U	0.95	0.95	U
Pentachlorobenzene	ug/L	0.98	0.98	U	0.95	0.95	U
Pentachloroethane	ug/L	49	49	U	48	48	U
Pentachloronitrobenzene	ug/L	0.98	0.98	U	0.95	0.95	U
Pentachlorophenol	ug/L	2.9	2.9	U	2.9	2.9	U
Phenacetin	ug/L	3.9	3.9	U	3.8	3.8	U
Phenanthrene	ug/L	0.98	0.98	U	0.95	0.95	U
Phenol	ug/L	0.98	0.98	U	0.95	0.95	U
Pyrene	ug/L	0.98	0.98	U	0.95	0.95	U
Pyridine	ug/L	3.9	3.9	U	3.8	3.8	U
Safrole	ug/L	0.98	0.98	U	0.95	0.95	U
TRPH	mg/L	0.25	0.25	U	0.25	0.25	U
Pesticides/Herbicides/PCBs	Units	31-PRE Results	MDL	Remark	31-POST Results	MDL	Remark
1,2-Dibromo-3-Chloropropane	ug/L	0.01	0.01	U	0.01	0.01	U
1,2-Dibromoethane	ug/L	0.01	0.01	U	0.01	0.01	U
2,4,5-T	ug/L	0.21	0.21	U	0.21	0.21	U
2,4-D	ug/L	0.21	0.21	U	0.21	0.21	U
Alachlor	ug/L	0.6	0.6	UJ	0.6	0.6	UJ

Table 2: Location 31 Analytical Results

Pesticides/Herbicides/PCBs	Units	31-PRE Results	MDL	Remark	31-POST Results	MDL	Remark
Aldrin	ug/L	0.01	0.01	U	0.01	0.01	U
Alpha-BHC	ug/L	0.05	0.05	U	0.05	0.05	U
Ametryn	ug/L	0.05	0.05	U	0.05	0.05	U
Atrazine	ug/L	0.2	0.2	UJ	0.2	0.2	UJ
Azinphos Methyl	ug/L	0.01	0.01	U	0.01	0.01	U
Beta-BHC	ug/L	0.01	0.01	U	0.01	0.01	U
Bromacil	ug/L	0.2	0.2	UJ	0.2	0.2	UJ
Butylate	ug/L	0.2	0.2	UJ	0.2	0.2	UJ
Chlordane	ug/L	0.2	0.2	U	0.2	0.2	U
Chlorpyrifos Ethyl	ug/L	0.05	0.05	U	0.05	0.05	U
Chlorpyrifos Methyl	ug/L	0.1	0.1	U	0.1	0.1	U
DDD-p,p'	ug/L	0.02	0.02	U	0.02	0.02	U
DDE-p,p'	ug/L	0.02	0.02	U	0.02	0.02	U
DDT-p,p'	ug/L	0.03	0.03	U	0.03	0.03	U
Delta-BHC	ug/L	0.01	0.01	U	0.01	0.01	U
Diazinon	ug/L	0.05	0.05	U	0.05	0.05	U
Dieldrin	ug/L	0.02	0.02	U	0.02	0.02	U
Endosulfan I	ug/L	0.02	0.02	U	0.02	0.02	U
Endosulfan II	ug/L	0.02	0.02	U	0.02	0.02	U
Endosulfan Sulfate	ug/L	0.02	0.02	U	0.02	0.02	U
Endrin	ug/L	0.05	0.05	U	0.05	0.05	U
Endrin Aldehyde	ug/L	0.02	0.02	U	0.02	0.02	U
Ethion	ug/L	0.05	0.05	U	0.05	0.05	U
Ethoprop	ug/L	0.1	0.1	U	0.1	0.1	U
Fenamiphos	ug/L	0.2	0.2	UJ	0.2	0.2	UJ
Fonofos	ug/L	0.1	0.1	U	0.1	0.1	U
Gamma-BHC	ug/L	0.01	0.01	U	0.01	0.01	U
Heptachlor	ug/L	0.01	0.01	U	0.01	0.01	U
Heptachlor Epoxide	ug/L	0.02	0.02	U	0.02	0.02	U
Hexazinone	ug/L	0.1	0.1	UJ	0.1	0.1	UJ

Table 2: Location 31 Analytical Results

Pesticides/Herbicides/PCBs	Units	31-PRE Results	MDL	Remark	31-POST Results	MDL	Remark
Malathion	ug/L	0.15	0.15	U	0.15	0.15	U
Metalaxyl	ug/L	0.25	0.25	UJ	0.25	0.25	UJ
Methoxychlor	ug/L	0.05	0.05	U	0.05	0.05	U
Metolachlor	ug/L	0.5	0.5	UJ	0.5	0.5	UJ
Metribuzin	ug/L	0.1	0.1	UJ	0.1	0.1	UJ
Mevinphos	ug/L	0.2	0.2	U	0.2	0.2	U
Naled	ug/L	0.8	0.8	U	0.8	0.8	U
Norflurazon	ug/L	0.15	0.15	U	0.15	0.15	U
Parathion Ethyl	ug/L	0.15	0.15	U	0.15	0.15	U
Parathion Methyl	ug/L	0.1	0.1	U	0.1	0.1	U
PCB-1016	ug/L	0.2	0.2	U	0.2	0.2	U
PCB-1221	ug/L	0.2	0.2	U	0.2	0.2	U
PCB-1232	ug/L	0.2	0.2	U	0.2	0.2	U
PCB-1242	ug/L	0.3	0.3	U	0.3	0.3	U
PCB-1248	ug/L	0.2	0.2	U	0.2	0.2	U
PCB-1254	ug/L	0.3	0.3	U	0.3	0.3	U
PCB-1260	ug/L	0.2	0.2	U	0.2	0.2	U
Phorate	ug/L	0.05	0.05	U	0.05	0.05	U
Prometryn	ug/L	0.15	0.15	U	0.15	0.15	U
Silvex	ug/L	0.21	0.21	U	0.21	0.21	U
Simazine	ug/L	0.05	0.05	U	0.05	0.05	U
Toxaphene	ug/L	0.75	0.75	U	0.75	0.75	U
Metals	Units	31-PRE Results	MDL	Remark	31-POST Results	MDL	Remark
Aluminum	ug/L	60	60	U	60	60	U
Antimony	ug/L	0.25	0.25	U	0.25	0.25	U
Arsenic	ug/L	1.03	0.25		0.25	0.25	U
Barium	ug/L	48.7	0.2		0.49	0.2	I
Beryllium	ug/L	0.025	0.025	U	0.025	0.025	U
Boron	ug/L	18	15	I	15	15	U

Table 2: Location 31 Analytical Results

Metals	Units	31-PRE Results	MDL	Remark	31-POST Results	MDL	Remark
Cadmium	ug/L	0.03	0.03	U	0.03	0.03	U
Calcium	mg/L	137	0.075		0.075	0.075	U
Chromium	ug/L	0.3	0.3	U	0.3	0.3	U
Cobalt	ug/L	0.18	0.03		0.03	0.03	U
Copper	ug/L	0.5	0.5	U	0.94	0.5	A
Iron	ug/L	2.21E+03	30		30	30	U
Lead	ug/L	0.2	0.2	U	0.2	0.2	U
Magnesium	mg/L	4.32	0.04		0.04	0.04	U
Manganese	ug/L	40.8	0.75		0.75	0.75	U
Mercury	ug/L	0.12	0.12	U	0.12	0.12	U
Molybdenum	ug/L	0.52	0.15	I	0.15	0.15	U
Nickel	ug/L	0.41	0.25	I	0.25	0.25	U
Potassium	mg/L	2.3	0.3		0.3	0.3	U
Selenium	ug/L	0.25	0.2	I	0.2	0.2	U
Silver	ug/L	0.025	0.025	U	0.025	0.025	U
Sodium	mg/L	21.1	0.5		10.1	0.5	A
Strontium	ug/L	335	2		2	2	U
Thallium	ug/L	0.1	0.1	U	0.1	0.1	U
Tin	ug/L	15	15	U	3	3	U
Titanium	ug/L	0.75	0.75	U	0.75	0.75	U
Vanadium	ug/L	2	2	U	2	2	U
Zinc	ug/L	5	5	U	5	5	U
Radionuclides	Units	31-PRE Results	MDL	Remark	31-POST Results	MDL	Remark
Alpha, Total	pCi/L	2.6			0.8		U
Alpha-Counting Error	pCi/L	1.5			0.5		
Beta, Total	pCi/L	4.3			1.6		U
Beta-Counting Error	pCi/L	1.5			1		
Radium 226	pCi/L	1.5			0.1		U
Radium 226-Counting Error	pCi/L	0.2			0.1		

Table 2: Location 31 Analytical Results

Radionuclides	Units	31-PRE Results	MDL	Remark	31-POST Results	MDL	Remark
Radium 228	pCi/L	0.9			0.8		U
Radium 228-Counting Error	pCi/L	0.5			0.5		
Additional Analytes	Units	31-PRE Results	MDL	Remark	31-POST Results	MDL	Remark
1,4-Dioxane	ug/L	0.2	0.2	U	0.2	0.2	U
NO2NO3-N	mg/L	0.02	0.02	U	0.005	0.004	I
Perchlorate	ug/L	1.5	1.5	U	0.3	0.3	U

0.8 Gray shading indicates analyte was detected above the laboratories method detection limit but at a concentration below any applicable Florida Drinking Water Standard or Groundwater Cleanup Target Level.

256 Yellow shading indicates analyte was detected above the laboratories method detection limit at a concentration exceeding either a Florida Drinking Water Standard or Groundwater Cleanup Target Level.

Location 32

**Table 1: Summary of FDWS/GCTLs Exceedances and Radionuclides in Water Samples Collected Pre- and Post-Treatment from Location 32
April 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation**

Analyte	FDWS/GCTL	32-Pre Aug 09	32-Post
<i>Exceedances</i>			
Bromodichloromethane	0.6 ug/L (GCTL)	ND	3.4#
Chloromethane	2.7 ug/L (GCTL)	ND	3.4
Dibromochloromethane	0.4 ug/L(GCTL)	ND	1.2#
Sodium	160 mg/L (FPDWS)	NA	262
<i>Radionuclides</i>			
Total Alpha	15pCi/L (FPDWS)	7.3	ND
Radium 226/228	5 pCi/L (FPDWS)	3.8	0.6
Total Beta	50 pCi/L (FDEPSL)	NA	ND
No Exceedances for Radionuclides			

FDWS=Florida Drinking Water Standard

GCTL=Ground Water Cleanup Target Level

FPDWS= Florida Primary Drinking Water Standard

FSDWS=Florida Secondary Drinking Water Standard

FDEPSL=FDEP Screening Level

ND=Non Detect

NA=Not Analyzed

Gray Shading= Analyte Detected

Yellow Shading=Exceedance of FDWS/GCTL

ug/L= micrograms per Liter

pCi/L=picocuries per Liter

mg/L=milligrams per Liter

Does not exceed EPA's combined trihalomethanes standard of 80 ug/L

Table 2: Location 32 Analytical Results

Volatile Organic Compounds	Units	32-PRE Results	MDL	Remark	32-POST Results	MDL	Remark
1,1,1-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1,2,2-Tetrachloroethane	ug/L	0.5	0.5	U	0.5	0.5	U
1,1,2-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
1,2-Dibromoethane	ug/L	0.01	0.01	U	0.011	0.011	U
1,2-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
1,2-Dichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,2-Dichloropropane	ug/L	0.5	0.5	U	0.5	0.5	U
1,3-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
1,4-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
2-Butanone	ug/L	10	10	U	5	5	U
Benzene	ug/L	0.2	0.2	U	0.2	0.2	U
Bromodichloromethane	ug/L	0.2	0.2	U	3.4	0.2	
Bromoform	ug/L	0.5	0.5	U	.96	0.5	I
Bromomethane	ug/L	0.5	0.5	U	0.84	0.5	U
Carbon tetrachloride	ug/L	0.2	0.2	U	0.2	0.2	U
Chlorobenzene	ug/L	0.2	0.2	U	0.2	0.2	U
Chloroethane	ug/L	0.5	0.5	U	0.2	0.2	U
Chloroform	ug/L	0.2	0.2	U	7.2	0.2	
Chloromethane	ug/L	0.5	0.5	U	3.4	0.5	
cis-1,2-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
cis-1,3-Dichloropropene	ug/L	0.5	0.5	U	0.5	0.5	U
Dibromochloromethane	ug/L	0.2	0.2	U	1.2	0.2	
Ethylbenzene	ug/L	0.5	0.5	U	0.5	0.5	U
m,p-Xylene	ug/L	0.5	0.5	U	0.2	0.2	U
Methylene chloride	ug/L	0.5	0.5	U	0.5	0.5	U
Methyl-t-butyl ether	ug/L	0.5	0.5	U	0.5	0.5	U
o-Xylene	ug/L	0.2	0.2	U	0.5	0.5	U
Tetrachloroethene	ug/L	0.5	0.5	U	0.5	0.5	U

Table 2: Location 32 Analytical Results

Volatile Organic Compounds	Units	32-PRE Results	MDL	Remark	32-POST Results	MDL	Remark
Toluene	ug/L	0.5	0.5	U	0.2	0.2	U
trans-1,2-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
trans-1,3-Dichloropropene	ug/L	0.2	0.2	U	0.2	0.2	U
Trichloroethene	ug/L	0.2	0.2	U	0.2	0.2	U
Trichlorofluoromethane	ug/L	0.5	0.5	UJ	0.5	0.5	U
Vinyl chloride	ug/L	0.5	0.5	U	0.5	0.5	U
Semi-Volatile Organic Compounds	Units	32-PRE Results	MDL	Remark	32-POST Results	MDL	Remark
1,2,4,5-Tetrachlorobenzene	ug/L	0.98	0.98	U	0.98	0.98	U
1,2,4-Trichlorobenzene	ug/L	0.98	0.98	U	0.98	0.98	U
1,3,5-Trinitrobenzene	ug/L	3.9	3.9	U	3.9	3.9	U
1,3-Dinitrobenzene	ug/L	2	2	U	2	2	U
1,4-Naphthoquinone	ug/L	20	20	UJ	20	20	U
1-Naphthylamine	ug/L	9.8	9.8	U	9.8	9.8	U
2,3,4,6-Tetrachlorophenol	ug/L	2	2	U	2	2	U
2,4,5-Trichlorophenol	ug/L	0.98	0.98	U	0.98	0.98	U
2,4,6-Trichlorophenol	ug/L	0.98	0.98	UJ	0.98	0.98	U
2,4-Dichlorophenol	ug/L	0.98	0.98	U	0.98	0.98	UJ
2,4-Dimethylphenol	ug/L	9.8	9.8	U	9.8	9.8	UJ
2,4-Dinitrophenol	ug/L	15	15	U	15	15	U
2,4-Dinitrotoluene	ug/L	0.98	0.98	U	0.98	0.98	U
2,6-Dichlorophenol	ug/L	0.98	0.98	U	0.98	0.98	UJ
2,6-Dinitrotoluene	ug/L	0.98	0.98	U	0.98	0.98	U
2-Acetylaminofluorene	ug/L	0.98	0.98	U	0.98	0.98	U
2-Chloronaphthalene	ug/L	0.98	0.98	U	0.98	0.98	U
2-Chlorophenol	ug/L	0.98	0.98	U	0.98	0.98	UJ
2-Methyl-4,6-dinitrophenol	ug/L	2.9	2.9	U	2.9	2.9	U
2-Methylnaphthalene	ug/L	0.98	0.98	U	0.98	0.98	U
2-Naphthylamine	ug/L	9.8	9.8	UJ	9.8	9.8	U
2-Nitroaniline	ug/L	0.98	0.98	U	0.98	0.98	U

Table 2: Location 32 Analytical Results

Semi-Volatile Organic Compounds	Units	32-PRE Results	MDL	Remark	32-POST Results	MDL	Remark
2-Nitrophenol	ug/L	0.98	0.98	U	0.98	0.98	UJ
2-Picoline	ug/L	0.98	0.98	U	0.98	0.98	U
3,3'-Dichlorobenzidine	ug/L	39	39	U	39	39	U
3,3'-Dimethylbenzidine	ug/L	20	20	U	20	20	UJ
3-Methylcholanthrene	ug/L	0.98	0.98	U	0.98	0.98	U
3-Nitroaniline	ug/L	0.98	0.98	U	0.98	0.98	U
4-Aminobiphenyl	ug/L	3.9	3.9	U	3.9	3.9	UJ
4-Bromophenyl phenyl ether	ug/L	0.98	0.98	U	0.98	0.98	U
4-Chloro-3-methylphenol	ug/L	0.98	0.98	U	0.98	0.98	UJ
4-Chloroaniline	ug/L	0.98	0.98	U	0.98	0.98	U
4-Chlorophenyl phenyl ether	ug/L	2	2	U	2	2	U
4-Nitroaniline	ug/L	0.98	0.98	UJ	0.98	0.98	UJ
4-Nitrophenol	ug/L	15	15	U	15	15	U
5-Nitro-o-toluidine	ug/L	0.98	0.98	U	0.98	0.98	U
7,12-Dimethylbenz(a)anthracene	ug/L	0.98	0.98	U	0.98	0.98	U
Acenaphthene	ug/L	0.98	0.98	U	0.98	0.98	U
Acenaphthylene	ug/L	0.98	0.98	U	0.98	0.98	U
Acetophenone	ug/L	0.98	0.98	U	0.98	0.98	U
Aniline	ug/L	0.98	0.98	U	0.98	0.98	U
Anthracene	ug/L	0.98	0.98	U	0.98	0.98	U
Azobenzene/1,2-Diphenylhydrazine	ug/L	0.98	0.98	U	0.98	0.98	U
Benzidine	ug/L	98	98	U	98	98	U
Benzo(a)anthracene	ug/L	0.98	0.98	U	0.98	0.98	U
Benzo(a)pyrene	ug/L	0.98	0.98	U	0.98	0.98	U
Benzo(b)fluoranthene	ug/L	0.98	0.98	U	0.98	0.98	U
Benzo(g,h,i)perylene	ug/L	0.98	0.98	U	0.98	0.98	U
Benzo(k)fluoranthene	ug/L	0.98	0.98	U	0.98	0.98	U
Benzyl alcohol	ug/L	0.98	0.98	U	0.98	0.98	U
Bis(2-chloroethoxy)methane	ug/L	0.98	0.98	U	0.98	0.98	U
Bis(2-chloroethyl)ether	ug/L	0.98	0.98	U	0.98	0.98	U

Table 2: Location 32 Analytical Results

Semi-Volatile Organic Compounds	Units	32-PRE Results	MDL	Remark	32-POST Results	MDL	Remark
Bis(2-chloroisopropyl)ether	ug/L	2.9	2.9	U	2.9	2.9	U
Bis(2-ethylhexyl)phthalate	ug/L	15	15	U	15	15	U
Butyl benzyl phthalate	ug/L	4.9	4.9	U	4.9	4.9	U
Chrysene	ug/L	0.98	0.98	U	0.98	0.98	U
Dibenzo(a,h)anthracene	ug/L	0.98	0.98	U	0.98	0.98	U
Dibenzofuran	ug/L	0.98	0.98	U	0.98	0.98	U
Diethyl phthalate	ug/L	0.98	0.98	U	0.98	0.98	U
Dimethyl phthalate	ug/L	9.8	9.8	U	9.8	9.8	U
Dimethylaminoazobenzene	ug/L	0.98	0.98	UJ	0.98	0.98	U
Di-n-butyl phthalate	ug/L	4.9	4.9	U	4.9	4.9	U
Di-n-octyl phthalate	ug/L	0.98	0.98	U	0.98	0.98	U
Dinoseb	ug/L	3.9	3.9	U	3.9	3.9	U
Ethyl methanesulfonate	ug/L	0.98	0.98	U	0.98	0.98	U
Fluoranthene	ug/L	0.98	0.98	U	0.98	0.98	U
Fluorene	ug/L	0.98	0.98	U	0.98	0.98	U
Hexachlorobenzene	ug/L	0.98	0.98	U	0.98	0.98	U
Hexachlorobutadiene	ug/L	2.9	2.9	U	2.9	2.9	U
Hexachlorocyclopentadiene	ug/L	2.9	2.9	U	2.9	2.9	UJ
Hexachloroethane	ug/L	2.9	2.9	U	2.9	2.9	U
Hexachloropropene	ug/L	2	2	U	2	2	U
Indeno(1,2,3-cd)pyrene	ug/L	0.98	0.98	U	0.98	0.98	U
Isophorone	ug/L	0.98	0.98	U	0.98	0.98	U
Isosafrole	ug/L	0.98	0.98	U	0.98	0.98	UJ
m,p-Cresols	ug/L	2	2	U	2	2	UJ
Methapyrilene	ug/L	3.9	3.9	UJ	3.9	3.9	UJ
Methyl methanesulfonate	ug/L	0.98	0.98	UJ	0.98	0.98	UJ
Naphthalene	ug/L	0.98	0.98	U	0.98	0.98	U
Nitrobenzene	ug/L	2	2	U	2	2	U
Nitroquinoline-1-oxide	ug/L	20	20	UJ	20	20	U
N-Nitrosodiethylamine	ug/L	0.98	0.98	U	0.98	0.98	U

Table 2: Location 32 Analytical Results

Semi-Volatile Organic Compounds	Units	32-PRE Results	MDL	Remark	32-POST Results	MDL	Remark
N-Nitrosodimethylamine	ug/L	2	2	U	2	2	U
N-Nitrosodi-n-propylamine	ug/L	2	2	U	2	2	U
N-Nitrosodiphenylamine/ Diphenylamine	ug/L	2.9	2.9	U	2.9	2.9	U
N-Nitrosomethylethylamine	ug/L	2	2	U	2	2	U
N-Nitrosomorpholine	ug/L	0.98	0.98	U	0.98	0.98	U
N-Nitrosopiperidine	ug/L	0.98	0.98	U	0.98	0.98	U
N-Nitrosopyrrolidine	ug/L	2	2	U	2	2	U
o-Cresol	ug/L	2	2	U	2	2	UJ
o-Toluidine	ug/L	0.98	0.98	U	0.98	0.98	U
Pentachlorobenzene	ug/L	0.98	0.98	U	0.98	0.98	U
Pentachloroethane	ug/L	49	49	U	49	49	U
Pentachloronitrobenzene	ug/L	0.98	0.98	U	0.98	0.98	U
Pentachlorophenol	ug/L	2.9	2.9	U	2.9	2.9	U
Phenacetin	ug/L	3.9	3.9	U	3.9	3.9	U
Phenanthrene	ug/L	0.98	0.98	U	0.98	0.98	U
Phenol	ug/L	0.98	0.98	U	0.98	0.98	UJ
Pyrene	ug/L	0.98	0.98	U	0.98	0.98	U
Pyridine	ug/L	3.9	3.9	U	3.9	3.9	U
Safrole	ug/L	0.98	0.98	U	0.98	0.98	U
TRPH	mg/L	0.25	0.25	U	0.51	0.25	I
Pesticides/Herbicides/PCBs	Units	32-PRE Results	MDL	Remark	32-POST Results	MDL	Remark
1,2-Dibromo-3-Chloropropane	ug/L				0.011	0.011	U
1,2-Dibromoethane	ug/L	0.01	0.01	U	0.011	0.011	U
Alachlor	ug/L	0.57	0.57	U	0.6	0.6	U
Aldrin	ug/L	0.0096	0.0096	U	0.0099	0.0099	U
Alpha-BHC	ug/L	0.0096	0.0096	U	0.0099	0.0099	U
Ametryn	ug/L	0.048	0.048	U	0.05	0.05	U
Atrazine	ug/L	0.048	0.048	U	0.05	0.05	U
Azinphos Methyl	ug/L	0.19	0.19	UJ	0.2	0.2	UJ

Table 2: Location 32 Analytical Results

Pesticides/Herbicides/PCBs	Units	32-PRE Results	MDL	Remark	32-POST Results	MDL	Remark
Beta-BHC	ug/L	0.0096	0.0096	U	0.0099	0.0099	U
Bromacil	ug/L	0.19	0.19	UJ	0.2	0.2	U
Butylate	ug/L	0.19	0.19	U	0.2	0.2	U
Chlordane	ug/L	0.19	0.19	U	0.2	0.2	U
Chlorpyrifos Ethyl	ug/L	0.048	0.048	U	0.05	0.05	U
Chlorpyrifos Methyl	ug/L	0.096	0.096	U	0.099	0.099	U
DDD-p,p'	ug/L	0.019	0.019	U	0.02	0.02	U
DDE-p,p'	ug/L	0.019	0.019	U	0.02	0.02	U
DDT-p,p'	ug/L	0.029	0.029	U	0.03	0.03	U
Delta-BHC	ug/L	0.0096	0.0096	U	0.0099	0.0099	U
Diazinon	ug/L	0.048	0.048	UJ	0.05	0.05	U
Dieldrin	ug/L	0.019	0.019	U	0.02	0.02	U
Endosulfan I	ug/L	0.019	0.019	U	0.02	0.02	U
Endosulfan II	ug/L	0.019	0.019	U	0.02	0.02	U
Endosulfan Sulfate	ug/L	0.019	0.019	U	0.02	0.02	U
Endrin	ug/L	0.048	0.048	U	0.05	0.05	U
Endrin Aldehyde	ug/L	0.019	0.019	U	0.02	0.02	U
Ethion	ug/L	0.048	0.048	U	0.05	0.05	U
Ethoprop	ug/L	0.096	0.096	UJ	0.099	0.099	U
Fenamiphos	ug/L	0.19	0.19	U	0.2	0.2	U
Fonofos	ug/L	0.096	0.096	U	0.099	0.099	U
Gamma-BHC	ug/L	0.0096	0.0096	U	0.0099	0.0099	U
Heptachlor	ug/L	0.0096	0.0096	U	0.0099	0.0099	U
Heptachlor Epoxide	ug/L	0.019	0.019	U	0.02	0.02	U
Hexazinone	ug/L	0.096	0.096	U	0.099	0.099	U
Malathion	ug/L	0.14	0.14	U	0.15	0.15	U
Metalaxyl	ug/L	0.24	0.24	UJ	0.25	0.25	U
Methoxychlor	ug/L	0.048	0.048	U	0.05	0.05	U
Metolachlor	ug/L	0.48	0.48	U	0.5	0.5	U
Metribuzin	ug/L	0.096	0.096	U	0.099	0.099	U

Table 2: Location 32 Analytical Results

Pesticides/Herbicides/PCBs	Units	32-PRE Results	MDL	Remark	32-POST Results	MDL	Remark
Mevinphos	ug/L	0.19	0.19	U	0.2	0.2	U
Naled	ug/L	0.76	0.76	U	0.79	0.79	U
Norflurazon	ug/L	0.14	0.14	U	0.15	0.15	U
Parathion Ethyl	ug/L	0.14	0.14	U	0.15	0.15	U
Parathion Methyl	ug/L	0.096	0.096	U	0.099	0.099	U
PCB-1016	ug/L	0.19	0.19	U	0.2	0.2	U
PCB-1221	ug/L	0.19	0.19	U	0.2	0.2	U
PCB-1232	ug/L	0.19	0.19	U	0.2	0.2	U
PCB-1242	ug/L	0.29	0.29	U	0.3	0.3	U
PCB-1248	ug/L	0.19	0.19	U	0.2	0.2	U
PCB-1254	ug/L	0.29	0.29	U	0.3	0.3	U
PCB-1260	ug/L	0.19	0.19	U	0.2	0.2	U
Phorate	ug/L	0.048	0.048	U	0.05	0.05	U
Prometryn	ug/L	0.19	0.19	U	0.15	0.15	U
Simazine	ug/L	0.048	0.048	U	0.05	0.05	U
Toxaphene	ug/L	0.72	0.72	U	0.74	0.74	U
2,4,5-T	ug/L	0.2	0.2	U	0.2	0.2	U
2,4-D	ug/L	0.2	0.2	U	0.2	0.2	U
Acifluorfen	ug/L	0.2	0.2	U	0.2	0.2	U
Silvex	ug/L	0.2	0.2	U	0.2	0.2	U
Metals	Units	32-PRE Results	MDL	Remark	32-POST Results	MDL	Remark
Aluminum	ug/L	8.8	5	I	60	60	U
Antimony	ug/L				0.25	0.25	U
Arsenic	ug/L	0.35	0.25	I	0.25	0.25	U
Barium	ug/L	36.6	0.2		9.89	0.2	
Beryllium	ug/L				0.025	0.025	U
Boron	ug/L				43	15	I
Cadmium	ug/L	0.03	0.03	U	0.03	0.03	U
Calcium	mg/L				31.4	0.075	
Chromium	ug/L	0.3	0.3	U	0.3	0.3	U

Table 2: Location 32 Analytical Results

Metals	Units	32-PRE Results	MDL	Remark	32-POST Results	MDL	Remark
Cobalt	ug/L				0.03	0.03	U
Copper	ug/L	4.54	0.5		468	2.5	
Iron	ug/L				30	30	U
Lead	ug/L	0.85	0.2		0.35	0.2	I
Magnesium	mg/L				0.67	0.04	
Manganese	ug/L				0.75	0.75	U
Mercury	ug/L	0.12	0.12	U	0.12	0.12	U
Molybdenum	ug/L				0.15	0.15	U
Nickel	ug/L				0.25	0.25	U
Potassium	mg/L				0.3	0.3	U
Selenium	ug/L	0.2	0.2	U	0.2	0.2	U
Silver	ug/L	0.025	0.025	U	0.025	0.025	U
Sodium	mg/L				262	1.5	
Strontium	ug/L	420	2		60.4	2	
Thallium	ug/L				0.1	0.1	U
Tin	ug/L				3	3	U
Titanium	ug/L	0.5	0.5	U	0.75	0.75	U
Vanadium	ug/L				2	2	U
Zinc	ug/L				14	5	I
Radionuclides	Units	32-PRE Results	MDL	Remark	32-POST Results	MDL	Remark
Alpha, Total	pCi/L	7.3			2.3		U
Alpha-Counting Error	pCi/L	2.5			1.5		
Beta, Total	pCi/L				2.7		U
Beta-Counting Error	pCi/L				1.6		
Radium 226	pCi/L	3.8			0.6		
Radium 226-Counting Error	pCi/L	0.6			0.1		
Radium 228	pCi/L	0.9		U	0.9		U
Radium 228-Counting Error	pCi/L	0.6			0.6		

Table 2: Location 32 Analytical Results

Additional Analytes	Units	32-PRE Results	MDL	Remark	32-POST Results	MDL	Remark
1,4-Dioxane	ug/L	0.2	0.2	U	0.20	0.20	UY
NO2NO3-N	mg N/L	0.008	0.008	U	0.01	0.004	I
Perchlorate	ug/L				0.6	0.6	U

0.8 Gray shading indicates analyte was detected at a concentration below any applicable Florida Drinking Water Standard or Groundwater Cleanup Target Level.

256 Yellow shading indicates analyte was detected at a concentration exceeding either a Florida Drinking Water Standard or Groundwater Cleanup Target Level.

Location 33

**Table 1: Summary of FDWS/GCTLs Exceedances and Radionuclides in Water Samples Collected Pre- and Post-Treatment from Location 33
April 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation**

Analyte	FDWS/GCTL	33-Pre Aug 09	33-Post
Exceedances			
Sodium	160 mg/L (FPDWS)	NA	181
Radionuclides			
Total Alpha	15pCi/L (FPDWS)	2.3	ND
Radium 226/228	5 pCi/L (FPDWS)	0.3*	0.3
Total Beta	50 pCi/L (FDEPSL)	NA	ND
No Exceedances for Radionuclides			

FDWS=Florida Drinking Water Standard

GCTL=Ground Water Cleanup Target Level

FPDWS= Florida Primary Drinking Water Standard

FSDWS=Florida Secondary Drinking Water Standard

FDEPSL=FDEP Screening Level

ND=Non Detect

NA=Not Analyzed

Gray Shading= Analyte Detected

Yellow Shading=Exceedance of FDWS/GCTL

ug/L= micrograms per Liter

pCi/L=picocuries per Liter

mg/L=milligrams per Liter

*Radium Collected April 2010

Table 2: Location 33 Analytical Results

Volatile Organic Compounds	Units	33-PRE Results	MDL	Remark	33-POST Results	MDL	Remark
1,1,1-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1,2,2-Tetrachloroethane	ug/L	0.5	0.5	UJ	0.5	0.5	UJ
1,1,2-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
1,2-Dichlorobenzene	ug/L	0.011	0.011	U	0.5	0.5	U
1,2-Dichloroethane	ug/L	0.5	0.5	U	0.2	0.2	U
1,2-Dichloropropane	ug/L	0.2	0.2	U	0.5	0.5	U
1,3-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
1,4-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
Benzene	ug/L	0.5	0.5	U	0.2	0.2	U
Bromodichloromethane	ug/L	10	10	U	0.31	0.2	I
Bromoform	ug/L	0.2	0.2	U	0.2	0.2	U
Bromomethane	ug/L	0.2	0.2	U	0.31	0.2	I
Carbon tetrachloride	ug/L	0.5	0.5	UJ	0.5	0.5	U
Chlorobenzene	ug/L	0.5	0.5	UJ	0.5	0.5	UJ
Chloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
Chloroform	ug/L	0.2	0.2	U	4.7	0.2	
Chloromethane	ug/L	0.5	0.5	U	0.5	0.5	U
cis-1,2-Dichloroethene	ug/L	0.2	0.2	U	4.7	0.2	
cis-1,3-Dichloropropene	ug/L	0.5	0.5	U	0.5	0.5	U
Dibromochloromethane	ug/L	0.5	0.5	U	0.5	0.5	U
Ethylbenzene	ug/L	0.5	0.5	U	0.5	0.5	U
m,p-Xylene	ug/L	0.2	0.2	U	0.2	0.2	U
Methylene chloride	ug/L	0.5	0.5	U	0.5	0.5	U
Methyl-t-butyl ether	ug/L	0.5	0.5	U	0.5	0.5	U
o-Xylene	ug/L	0.5	0.5	U	0.5	0.5	U
Tetrachloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
Toluene	ug/L	0.2	0.2	U	0.2	0.2	U
trans-1,2-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U

Table 2: Location 33 Analytical Results

Volatile Organic Compounds	Units	33-PRE Results	MDL	Remark	33-POST Results	MDL	Remark
trans-1,3-Dichloropropene	ug/L	0.2	0.2	UJ	0.2	0.2	U
Trichloroethene	ug/L	0.2	0.2	UJ	0.2	0.2	UJ
Trichlorofluoromethane	ug/L	0.5	0.5	U	0.5	0.5	U
Vinyl chloride	ug/L	0.5	0.5	U	0.5	0.5	U
Semi-Volatile Organic Compounds	Units	33-PRE Results	MDL	Remark	33-POST Results	MDL	Remark
1,2,4,5-Tetrachlorobenzene	ug/L	1	1	U	0.96	0.96	U
1,2,4-Trichlorobenzene	ug/L	1	1	U	0.96	0.96	U
1,3,5-Trinitrobenzene	ug/L	4.1	4.1	U	3.8	3.8	U
1,3-Dinitrobenzene	ug/L	2	2	U	1.9	1.9	UJ
1,4-Naphthoquinone	ug/L	20	20	UJ	19	19	U
1-Naphthylamine	ug/L	10	10	U	9.6	9.6	UJ
2,3,4,6-Tetrachlorophenol	ug/L	2	2	U	1.9	1.9	U
2,4,5-Trichlorophenol	ug/L	1	1	U	0.96	0.96	U
2,4,6-Trichlorophenol	ug/L	1	1	UJ	0.96	0.96	U
2,4-Dichlorophenol	ug/L	1	1	U	0.96	0.96	U
2,4-Dimethylphenol	ug/L	10	10	U	9.6	9.6	U
2,4-Dinitrophenol	ug/L	15	15	U	14	14	U
2,4-Dinitrotoluene	ug/L	1	1	U	0.96	0.96	U
2,6-Dichlorophenol	ug/L	1	1	U	0.96	0.96	U
2,6-Dinitrotoluene	ug/L	1	1	U	0.96	0.96	U
2-Acetylaminofluorene	ug/L	1	1	U	0.96	0.96	U
2-Chloronaphthalene	ug/L	1	1	U	0.96	0.96	U
2-Chlorophenol	ug/L	1	1	U	0.96	0.96	U
2-Methyl-4,6-dinitrophenol	ug/L	3.1	3.1	U	2.9	2.9	U
2-Methylnaphthalene	ug/L	1	1	U	0.96	0.96	U
2-Naphthylamine	ug/L	10	10	UJ	9.6	9.6	U
2-Nitroaniline	ug/L	1	1	U	0.96	0.96	U
2-Nitrophenol	ug/L	1	1	U	0.96	0.96	U
2-Picoline	ug/L	1	1	U	0.96	0.96	U

Table 2: Location 33 Analytical Results

Semi-Volatile Organic Compounds	Units	33-PRE Results	MDL	Remark	33-POST Results	MDL	Remark
3,3'-Dichlorobenzidine	ug/L	41	41	U	38	38	U
3,3'-Dimethylbenzidine	ug/L	20	20	U	19	19	UJ
3-Methylcholanthrene	ug/L	1	1	U	0.96	0.96	U
3-Nitroaniline	ug/L	1	1	U	0.96	0.96	U
4-Aminobiphenyl	ug/L	4.1	4.1	U	3.8	3.8	UJ
4-Bromophenyl phenyl ether	ug/L	1	1	U	0.96	0.96	U
4-Chloro-3-methylphenol	ug/L	1	1	U	0.96	0.96	U
4-Chloroaniline	ug/L	1	1	U	0.96	0.96	U
4-Chlorophenyl phenyl ether	ug/L	2	2	U	1.9	1.9	U
4-Nitroaniline	ug/L	1	1	UJ	0.96	0.96	UJ
4-Nitrophenol	ug/L	15	15	U	14	14	U
5-Nitro-o-toluidine	ug/L	1	1	U	0.96	0.96	U
7,12-Dimethylbenz(a)anthracene	ug/L	1	1	U	0.96	0.96	U
Acenaphthene	ug/L	1	1	U	0.96	0.96	U
Acenaphthylene	ug/L	1	1	U	0.96	0.96	U
Acetophenone	ug/L	1	1	U	0.96	0.96	U
Aniline	ug/L	1	1	U	0.96	0.96	U
Anthracene	ug/L	1	1	U	0.96	0.96	U
Azobenzene/1,2-Diphenylhydrazine	ug/L	1	1	U	0.96	0.96	U
Benzidine	ug/L	100	100	U	96	96	U
Benzo(a)anthracene	ug/L	1	1	U	0.96	0.96	U
Benzo(a)pyrene	ug/L	1	1	U	0.96	0.96	U
Benzo(b)fluoranthene	ug/L	1	1	U	0.96	0.96	U
Benzo(g,h,i)perylene	ug/L	1	1	U	0.96	0.96	U
Benzo(k)fluoranthene	ug/L	1	1	U	0.96	0.96	U
Benzyl alcohol	ug/L	1	1	U	0.96	0.96	U
Bis(2-chloroethoxy)methane	ug/L	1	1	U	0.96	0.96	U
Bis(2-chloroethyl)ether	ug/L	1	1	U	0.96	0.96	U
Bis(2-chloroisopropyl)ether	ug/L	3.1	3.1	U	2.9	2.9	U
Bis(2-ethylhexyl)phthalate	ug/L	15	15	U	14	14	UJ

Table 2: Location 33 Analytical Results

Semi-Volatile Organic Compounds	Units	33-PRE Results	MDL	Remark	33-POST Results	MDL	Remark
Butyl benzyl phthalate	ug/L	5.1	5.1	U	4.8	4.8	U
Chrysene	ug/L	1	1	U	0.96	0.96	U
Dibenzo(a,h)anthracene	ug/L	1	1	U	0.96	0.96	U
Dibenzofuran	ug/L	1	1	U	0.96	0.96	U
Diethyl phthalate	ug/L	1	1	U	0.96	0.96	U
Dimethyl phthalate	ug/L	10	10	U	9.6	9.6	U
Dimethylaminoazobenzene	ug/L	1	1	UJ	0.96	0.96	U
Di-n-butyl phthalate	ug/L	5.1	5.1	U	4.8	4.8	U
Di-n-octyl phthalate	ug/L	1	1	U	0.96	0.96	U
Dinoseb	ug/L	4.1	4.1	U	3.8	3.8	U
Ethyl methanesulfonate	ug/L	1	1	U	0.96	0.96	U
Fluoranthene	ug/L	1	1	U	0.96	0.96	U
Fluorene	ug/L	1	1	U	0.96	0.96	U
Hexachlorobenzene	ug/L	1	1	U	0.96	0.96	U
Hexachlorobutadiene	ug/L	3.1	3.1	U	2.9	2.9	U
Hexachlorocyclopentadiene	ug/L	3.1	3.1	U	2.9	2.9	U
Hexachloroethane	ug/L	3.1	3.1	U	2.9	2.9	U
Hexachloropropene	ug/L	2	2	U	1.9	1.9	U
Indeno(1,2,3-cd)pyrene	ug/L	1	1	U	0.96	0.96	U
Isophorone	ug/L	1	1	U	0.96	0.96	U
Isosafrole	ug/L	1	1	U	0.96	0.96	UJ
m,p-Cresols	ug/L	2	2	U	1.9	1.9	UJ
Methapyrilene	ug/L	4.1	4.1	UJ	3.8	3.8	U
Methyl methanesulfonate	ug/L	1	1	UJ	0.96	0.96	UJ
Naphthalene	ug/L	1	1	U	0.96	0.96	U
Nitrobenzene	ug/L	2	2	U	1.9	1.9	U
Nitroquinoline-1-oxide	ug/L	20	20	UJ	19	19	UJ
N-Nitrosodiethylamine	ug/L	1	1	U	0.96	0.96	U
N-Nitrosodimethylamine	ug/L	2	2	U	1.9	1.9	U
N-Nitrosodi-n-propylamine	ug/L	2	2	U	1.9	1.9	U

Table 2: Location 33 Analytical Results

Semi-Volatile Organic Compounds	Units	33-PRE Results	MDL	Remark	33-POST Results	MDL	Remark
N-Nitrosodiphenylamine/ Diphenylamine	ug/L	3.1	3.1	U	2.9	2.9	U
N-Nitrosomethylethylamine	ug/L	2	2	U	1.9	1.9	U
N-Nitrosomorpholine	ug/L	1	1	U	0.96	0.96	U
N-Nitrosopiperidine	ug/L	1	1	U	0.96	0.96	U
N-Nitrosopyrrolidine	ug/L	2	2	U	1.9	1.9	U
o-Cresol	ug/L	2	2	U	1.9	1.9	U
o-Toluidine	ug/L	1	1	U	0.96	0.96	U
Pentachlorobenzene	ug/L	1	1	U	0.96	0.96	U
Pentachloroethane	ug/L	51	51	U	48	48	U
Pentachloronitrobenzene	ug/L	1	1	U	0.96	0.96	U
Pentachlorophenol	ug/L	3.1	3.1	U	2.9	2.9	U
Phenacetin	ug/L	4.1	4.1	U	3.8	3.8	U
Phenanthrene	ug/L	1	1	U	0.96	0.96	U
Phenol	ug/L	1	1	U	0.96	0.96	U
Pyrene	ug/L	1	1	U	0.96	0.96	U
Pyridine	ug/L	4.1	4.1	U	3.8	3.8	U
Safole	ug/L	1	1	U	0.96	0.96	U
TRPH	mg/L	0.26	0.26	U	0.24	0.24	U
Pesticides/Herbicides/PCBs	Units	33-PRE Results	MDL	Remark	33-POST Results	MDL	Remark
1,2-Dibromo-3-Chloropropane	ug/L				0.01	0.01	U
1,2-Dibromoethane	ug/L				0.01	0.01	U
Alachlor	ug/L	0.6	0.6	UJ	0.57	0.57	U
Aldrin	ug/L	0.01	0.01	U	0.0095	0.0095	U
Alpha-BHC	ug/L	0.01	0.01	U	0.0095	0.0095	U
Ametryn	ug/L	0.05	0.05	U	0.048	0.048	U
Atrazine	ug/L	0.05	0.05	U	0.048	0.048	U
Azinphos Methyl	ug/L	0.2	0.2	UJ	0.19	0.19	UJ
Beta-BHC	ug/L	0.01	0.01	U	0.0095	0.0095	U

Table 2: Location 33 Analytical Results

Pesticides/Herbicides/PCBs	Units	33-PRE Results	MDL	Remark	33-POST Results	MDL	Remark
Bromacil	ug/L	0.2	0.2	U	0.19	0.19	U
Butylate	ug/L	0.2	0.2	UJ	0.19	0.19	U
Chlordane	ug/L	0.2	0.2	U	0.19	0.19	U
Chlorpyrifos Ethyl	ug/L	0.05	0.05	U	0.048	0.048	U
Chlorpyrifos Methyl	ug/L	0.1	0.1	U	0.095	0.095	U
DDD-p,p'	ug/L	0.02	0.02	U	0.019	0.019	U
DDE-p,p'	ug/L	0.02	0.02	U	0.019	0.019	U
DDT-p,p'	ug/L	0.03	0.03	U	0.029	0.029	U
Delta-BHC	ug/L	0.01	0.01	U	0.0095	0.0095	U
Diazinon	ug/L	0.05	0.05	U	0.048	0.048	U
Dieldrin	ug/L	0.02	0.02	U	0.019	0.019	U
Endosulfan I	ug/L	0.02	0.02	U	0.019	0.019	U
Endosulfan II	ug/L	0.02	0.02	U	0.019	0.019	U
Endosulfan Sulfate	ug/L	0.02	0.02	U	0.019	0.019	U
Endrin	ug/L	0.05	0.05	U	0.048	0.048	U
Endrin Aldehyde	ug/L	0.02	0.02	U	0.019	0.019	U
Ethion	ug/L	0.05	0.05	U	0.048	0.048	U
Ethoprop	ug/L	0.1	0.1	U	0.095	0.095	U
Fenamiphos	ug/L	0.2	0.2	U	0.19	0.19	U
Fonofos	ug/L	0.1	0.1	U	0.095	0.095	U
Gamma-BHC	ug/L	0.01	0.01	U	0.0095	0.0095	U
Heptachlor	ug/L	0.01	0.01	U	0.0095	0.0095	U
Heptachlor Epoxide	ug/L	0.02	0.02	U	0.019	0.019	U
Hexazinone	ug/L	0.1	0.1	UJ	0.095	0.095	UJ
Malathion	ug/L	0.15	0.15	U	0.14	0.14	U
Metalaxyl	ug/L	0.25	0.25	UJ	0.24	0.24	U
Methoxychlor	ug/L	0.05	0.05	U	0.048	0.048	U
Metolachlor	ug/L	0.5	0.5	UJ	0.48	0.48	U
Metribuzin	ug/L	0.1	0.1	UJ	0.095	0.095	U
Mevinphos	ug/L	0.2	0.2	U	0.19	0.19	U

Table 2: Location 33 Analytical Results

Pesticides/Herbicides/PCBs	Units	33-PRE Results	MDL	Remark	33-POST Results	MDL	Remark
Naled	ug/L	0.8	0.8	U	0.76	0.76	UJ
Norflurazon	ug/L	0.15	0.15	UJ	0.14	0.14	U
Parathion Ethyl	ug/L	0.15	0.15	U	0.14	0.14	U
Parathion Methyl	ug/L	0.1	0.1	U	0.095	0.095	U
PCB-1016	ug/L	0.2	0.2	U	0.19	0.19	U
PCB-1221	ug/L	0.2	0.2	U	0.19	0.19	U
PCB-1232	ug/L	0.2	0.2	U	0.19	0.19	U
PCB-1242	ug/L	0.3	0.3	U	0.29	0.29	U
PCB-1248	ug/L	0.2	0.2	U	0.19	0.19	U
PCB-1254	ug/L	0.3	0.3	U	0.29	0.29	U
PCB-1260	ug/L	0.2	0.2	U	0.19	0.19	U
Phorate	ug/L	0.05	0.05	U	0.048	0.048	U
Prometryn	ug/L	0.15	0.15	U	0.14	0.14	U
Simazine	ug/L	0.05	0.05	UJ	0.048	0.048	U
Toxaphene	ug/L	0.75	0.75	U	0.72	0.72	U
2,4,5-T	ug/L	0.2	0.2	U	0.2	0.2	U
2,4-D	ug/L	0.2	0.2	U	0.2	0.2	U
Acifluorfen	ug/L	0.2	0.2	U	0.2	0.2	U
Silvex	ug/L	0.2	0.2	U	0.2	0.2	U
Metals	Units	33-PRE Results	MDL	Remark	33-POST Results	MDL	Remark
Aluminum	ug/L	5	5	U	60	60	U
Antimony	ug/L				0.25	0.25	U
Arsenic	ug/L	0.25	0.25	U	0.25	0.25	U
Barium	ug/L	29.1	0.2		3.34	0.2	
Beryllium	ug/L				0.025	0.025	U
Boron	ug/L				47	15	I
Cadmium	ug/L	0.03	0.03	U	0.03	0.03	U
Calcium	mg/L				11.7	0.075	
Chromium	ug/L	0.34	0.3	I	0.3	0.3	U

Table 2: Location 33 Analytical Results

Metals	Units	33-PRE Results	MDL	Remark	33-POST Results	MDL	Remark
Cobalt	ug/L				0.038	0.03	I
Copper	ug/L	0.5	0.5	U	7.7	0.5	
Iron	ug/L				30	30	U
Lead	ug/L	0.2	0.2	U	0.2	0.2	U
Magnesium	mg/L				0.29	0.04	
Manganese	ug/L				2.7	0.75	I
Mercury	ug/L	0.12	0.12	U	0.12	0.12	U
Molybdenum	ug/L				0.35	0.15	I
Nickel	ug/L				0.25	0.25	U
Potassium	mg/L				0.3	0.3	U
Selenium	ug/L	0.2	0.2	U	0.2	0.2	U
Silver	ug/L	0.025	0.025	U	0.025	0.025	U
Sodium	mg/L				181	0.5	
Strontium	ug/L	589	2		50.6	2	
Thallium	ug/L				0.1	0.1	U
Tin	ug/L				3	3	U
Titanium	ug/L	0.5	0.5	U	0.75	0.75	U
Vanadium	ug/L				2	2	U
Zinc	ug/L				5	5	U
Radionuclides	Units	33-PRE Results	MDL	Remark	33-POST Results	MDL	Remark
Alpha, Total	pCi/L	2.3			1.9		U
Alpha-Counting Error	pCi/L	1.2			1.2		
Beta, Total	pCi/L				1.9		U
Beta-Counting Error	pCi/L				1.1		
Radium 226	pCi/L	0.3			0.3		
Radium 226-Counting Error	pCi/L	0.1			0.1		
Radium 228	pCi/L	0.7		U	0.7		U
Radium 228-Counting Error	pCi/L	0.4			0.5		

Table 2: Location 33 Analytical Results

Additional Analytes	Units	33-PRE Results	MDL	Remark	33-POST Results	MDL	Remark
1,4-Dioxane	ug/L	0.2	0.2	U	0.20	0.20	U
NO2NO3-N	mg N/L	0.005	0.004	I	0.004	0.004	U
Perchlorate	ug/L				0.6	0.6	U

0.8 Gray shading indicates analyte was detected at a concentration below any applicable Florida Drinking Water Standard or Groundwater Cleanup Target Level.

256 Yellow shading indicates analyte was detected at a concentration exceeding either a Florida Drinking Water Standard or Groundwater Cleanup Target Level.

Location 34

Table 1: Summary of FDWS/GCTLs Exceedances and Radionuclides in Water Samples Collected Pre- and Post-Treatment from Location 34
April 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation

Analyte	FDWS/GCTL	34-Pre Aug 09	34-Post
<i>Exceedances</i>			
Iron	300 ug/L (FSDWS)	NA	1,410
<i>Radionuclides</i>			
Total Alpha	15pCi/L (FPDWS)	ND	ND
Radium 226/228	5 pCi/L (FPDWS)	1.3*	0.3
Total Beta	50 pCi/L (FDEPSL)	NA	ND
No Exceedances for Radionuclides			

FDWS=Florida Drinking Water Standard

GCTL=Ground Water Cleanup Target Level

FPDWS= Florida Primary Drinking Water Standard

FSDWS=Florida Secondary Drinking Water Standard

FDEPSL=FDEP Screening Level

ND=Non Detect

NA=Not Analyzed

Gray Shading= Analyte Detected

Yellow Shading=Exceedance of FDWS/GCTL

ug/L= micrograms per Liter

pCi/L=picocuries per Liter

mg/L=milligrams per Liter

*Radium Collected April 2010

Table 2: Location 34 Analytical Results

Volatile Organic Compounds	Units	34-PRE Results	MDL	Remark	34-POST Results	MDL	Remark
1,1,1-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1,2,2-Tetrachloroethane	ug/L	0.5	0.5	U	0.5	0.5	UJ
1,1,2-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
1,2-Dichlorobenzene	ug/L	0.01	0.01	U	0.5	0.5	U
1,2-Dichloroethane	ug/L	0.5	0.5	U	0.2	0.2	U
1,2-Dichloropropane	ug/L	0.2	0.2	U	0.5	0.5	U
1,3-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
1,4-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
Benzene	ug/L	0.5	0.5	U	0.2	0.2	U
Bromodichloromethane	ug/L	10	10	U	5	5	U
Bromoform	ug/L	0.2	0.2	U	0.2	0.2	U
Bromomethane	ug/L	0.2	0.2	U	0.2	0.2	U
Carbon tetrachloride	ug/L	0.5	0.5	U	0.5	0.5	U
Chlorobenzene	ug/L	0.5	0.5	UJ	0.5	0.5	UJ
Chloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
Chloroform	ug/L	0.2	0.2	U	.67	0.2	I
Chloromethane	ug/L	0.5	0.5	UJ	0.5	0.5	U
cis-1,2-Dichloroethene	ug/L	0.2	0.2	U	0.2	0.2	U
cis-1,3-Dichloropropene	ug/L	0.5	0.5	U	0.5	0.5	U
Dibromochloromethane	ug/L	0.5	0.5	U	0.5	0.5	U
Ethylbenzene	ug/L	0.5	0.5	U	0.5	0.5	U
m,p-Xylene	ug/L	0.2	0.2	U	0.2	0.2	U
Methylene chloride	ug/L	0.5	0.5	U	0.5	0.5	U
Methyl-t-butyl ether	ug/L	0.5	0.5	U	0.5	0.5	U
o-Xylene	ug/L	0.5	0.5	U	0.5	0.5	U
Tetrachloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
Toluene	ug/L	0.2	0.2	U	0.2	0.2	U
trans-1,2-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U

Table 2: Location 34 Analytical Results

Volatile Organic Compounds	Units	34-PRE Results	MDL	Remark	34-POST Results	MDL	Remark
trans-1,3-Dichloropropene	ug/L	0.2	0.2	U	0.2	0.2	U
Trichloroethene	ug/L	0.2	0.2	U	0.2	0.2	UJ
Trichlorofluoromethane	ug/L	0.5	0.5	UJ	0.5	0.5	U
Vinyl chloride	ug/L	0.5	0.5	U	0.5	0.5	U
Semi-Volatile Organic Compounds	Units	34-PRE Results	MDL	Remark	34-POST Results	MDL	Remark
1,2,4,5-Tetrachlorobenzene	ug/L	0.98	0.98	U	0.96	0.96	U
1,2,4-Trichlorobenzene	ug/L	0.98	0.98	U	0.96	0.96	U
1,3,5-Trinitrobenzene	ug/L	3.9	3.9	U	3.8	3.8	U
1,3-Dinitrobenzene	ug/L	2	2	U	1.9	1.9	UJ
1,4-Naphthoquinone	ug/L	20	20	UJ	19	19	U
1-Naphthylamine	ug/L	9.8	9.8	U	9.6	9.6	UJ
2,3,4,6-Tetrachlorophenol	ug/L	2	2	U	1.9	1.9	U
2,4,5-Trichlorophenol	ug/L	0.98	0.98	U	0.96	0.96	U
2,4,6-Trichlorophenol	ug/L	0.98	0.98	UJ	0.96	0.96	U
2,4-Dichlorophenol	ug/L	0.98	0.98	U	0.96	0.96	U
2,4-Dimethylphenol	ug/L	9.8	9.8	U	9.6	9.6	U
2,4-Dinitrophenol	ug/L	15	15	U	14	14	U
2,4-Dinitrotoluene	ug/L	0.98	0.98	U	0.96	0.96	U
2,6-Dichlorophenol	ug/L	0.98	0.98	U	0.96	0.96	U
2,6-Dinitrotoluene	ug/L	0.98	0.98	U	0.96	0.96	U
2-Acetylaminofluorene	ug/L	0.98	0.98	U	0.96	0.96	U
2-Chloronaphthalene	ug/L	0.98	0.98	U	0.96	0.96	U
2-Chlorophenol	ug/L	0.98	0.98	U	0.96	0.96	U
2-Methyl-4,6-dinitrophenol	ug/L	2.9	2.9	U	2.9	2.9	U
2-Methylnaphthalene	ug/L	0.98	0.98	U	0.96	0.96	U
2-Naphthylamine	ug/L	9.8	9.8	UJ	9.6	9.6	U
2-Nitroaniline	ug/L	0.98	0.98	U	0.96	0.96	U
2-Nitrophenol	ug/L	0.98	0.98	U	0.96	0.96	U
2-Picoline	ug/L	0.98	0.98	U	0.96	0.96	U

Table 2: Location 34 Analytical Results

Semi-Volatile Organic Compounds	Units	34-PRE Results	MDL	Remark	34-POST Results	MDL	Remark
3,3'-Dichlorobenzidine	ug/L	39	39	U	38	38	U
3,3'-Dimethylbenzidine	ug/L	20	20	U	19	19	UJ
3-Methylcholanthrene	ug/L	0.98	0.98	U	0.96	0.96	U
3-Nitroaniline	ug/L	0.98	0.98	U	0.96	0.96	U
4-Aminobiphenyl	ug/L	3.9	3.9	U	3.8	3.8	UJ
4-Bromophenyl phenyl ether	ug/L	0.98	0.98	U	0.96	0.96	U
4-Chloro-3-methylphenol	ug/L	0.98	0.98	U	0.96	0.96	U
4-Chloroaniline	ug/L	0.98	0.98	U	0.96	0.96	U
4-Chlorophenyl phenyl ether	ug/L	2	2	U	1.9	1.9	U
4-Nitroaniline	ug/L	0.98	0.98	UJ	0.96	0.96	UJ
4-Nitrophenol	ug/L	15	15	U	14	14	U
5-Nitro-o-toluidine	ug/L	0.98	0.98	U	0.96	0.96	U
7,12-Dimethylbenz(a)anthracene	ug/L	0.98	0.98	U	0.96	0.96	U
Acenaphthene	ug/L	0.98	0.98	U	0.96	0.96	U
Acenaphthylene	ug/L	0.98	0.98	U	0.96	0.96	U
Acetophenone	ug/L	0.98	0.98	U	0.96	0.96	U
Aniline	ug/L	0.98	0.98	U	0.96	0.96	U
Anthracene	ug/L	0.98	0.98	U	0.96	0.96	U
Azobenzene/1,2-Diphenylhydrazine	ug/L	0.98	0.98	U	0.96	0.96	U
Benzidine	ug/L	98	98	U	96	96	U
Benzo(a)anthracene	ug/L	0.98	0.98	U	0.96	0.96	U
Benzo(a)pyrene	ug/L	0.98	0.98	U	0.96	0.96	U
Benzo(b)fluoranthene	ug/L	0.98	0.98	U	0.96	0.96	U
Benzo(g,h,i)perylene	ug/L	0.98	0.98	U	0.96	0.96	U
Benzo(k)fluoranthene	ug/L	0.98	0.98	U	0.96	0.96	U
Benzyl alcohol	ug/L	0.98	0.98	U	0.96	0.96	U
Bis(2-chloroethoxy)methane	ug/L	0.98	0.98	U	0.96	0.96	U
Bis(2-chloroethyl)ether	ug/L	0.98	0.98	U	0.96	0.96	U
Bis(2-chloroisopropyl)ether	ug/L	2.9	2.9	U	2.9	2.9	U
Bis(2-ethylhexyl)phthalate	ug/L	15	15	U	14	14	UJ

Table 2: Location 34 Analytical Results

Semi-Volatile Organic Compounds	Units	34-PRE Results	MDL	Remark	34-POST Results	MDL	Remark
Butyl benzyl phthalate	ug/L	4.9	4.9	U	4.8	4.8	U
Chrysene	ug/L	0.98	0.98	U	0.96	0.96	U
Dibenzo(a,h)anthracene	ug/L	0.98	0.98	U	0.96	0.96	U
Dibenzofuran	ug/L	0.98	0.98	U	0.96	0.96	U
Diethyl phthalate	ug/L	0.98	0.98	U	0.96	0.96	U
Dimethyl phthalate	ug/L	9.8	9.8	U	9.6	9.6	U
Dimethylaminoazobenzene	ug/L	0.98	0.98	UJ	0.96	0.96	U
Di-n-butyl phthalate	ug/L	4.9	4.9	U	4.8	4.8	U
Di-n-octyl phthalate	ug/L	0.98	0.98	U	0.96	0.96	U
Dinoseb	ug/L	3.9	3.9	U	3.8	3.8	U
Ethyl methanesulfonate	ug/L	0.98	0.98	U	0.96	0.96	U
Fluoranthene	ug/L	0.98	0.98	U	0.96	0.96	U
Fluorene	ug/L	0.98	0.98	U	0.96	0.96	U
Hexachlorobenzene	ug/L	0.98	0.98	U	0.96	0.96	U
Hexachlorobutadiene	ug/L	2.9	2.9	U	2.9	2.9	U
Hexachlorocyclopentadiene	ug/L	2.9	2.9	U	2.9	2.9	U
Hexachloroethane	ug/L	2.9	2.9	U	2.9	2.9	U
Hexachloropropene	ug/L	2	2	U	1.9	1.9	U
Indeno(1,2,3-cd)pyrene	ug/L	0.98	0.98	U	0.96	0.96	U
Isophorone	ug/L	0.98	0.98	U	0.96	0.96	U
Isosafrole	ug/L	0.98	0.98	U	0.96	0.96	UJ
m,p-Cresols	ug/L	2	2	U	1.9	1.9	UJ
Methapyrilene	ug/L	3.9	3.9	UJ	3.8	3.8	U
Methyl methanesulfonate	ug/L	0.98	0.98	UJ	0.96	0.96	UJ
Naphthalene	ug/L	0.98	0.98	U	0.96	0.96	U
Nitrobenzene	ug/L	2	2	U	1.9	1.9	U
Nitroquinoline-1-oxide	ug/L	20	20	UJ	19	19	UJ
N-Nitrosodiethylamine	ug/L	0.98	0.98	U	0.96	0.96	U
N-Nitrosodimethylamine	ug/L	2	2	U	1.9	1.9	U
N-Nitrosodi-n-propylamine	ug/L	2	2	U	1.9	1.9	U

Table 2: Location 34 Analytical Results

Semi-Volatile Organic Compounds	Units	34-PRE Results	MDL	Remark	34-POST Results	MDL	Remark
N-Nitrosodiphenylamine/ Diphenylamine	ug/L	2.9	2.9	U	2.9	2.9	U
N-Nitrosomethylethylamine	ug/L	2	2	U	1.9	1.9	U
N-Nitrosomorpholine	ug/L	0.98	0.98	U	0.96	0.96	U
N-Nitrosopiperidine	ug/L	0.98	0.98	U	0.96	0.96	U
N-Nitrosopyrrolidine	ug/L	2	2	U	1.9	1.9	U
o-Cresol	ug/L	2	2	U	1.9	1.9	U
o-Toluidine	ug/L	0.98	0.98	U	0.96	0.96	U
Pentachlorobenzene	ug/L	0.98	0.98	U	0.96	0.96	U
Pentachloroethane	ug/L	49	49	U	48	48	U
Pentachloronitrobenzene	ug/L	0.98	0.98	U	0.96	0.96	U
Pentachlorophenol	ug/L	2.9	2.9	U	2.9	2.9	U
Phenacetin	ug/L	3.9	3.9	U	3.8	3.8	U
Phenanthrene	ug/L	0.98	0.98	U	0.96	0.96	U
Phenol	ug/L	0.98	0.98	U	0.96	0.96	U
Pyrene	ug/L	0.98	0.98	U	0.96	0.96	U
Pyridine	ug/L	3.9	3.9	U	3.8	3.8	U
Safrole	ug/L	0.98	0.98	U	0.96	0.96	U
TRPH	mg/L	0.25	0.25	U	0.24	0.24	U
Pesticides/Herbicides/PCBs	Units	34-PRE Results	MDL	Remark	34-POST Results	MDL	Remark
1,2-Dibromo-3-Chloropropane	ug/L				0.01	0.01	U
1,2-Dibromoethane	ug/L				0.01	0.01	U
Alachlor	ug/L	0.57	0.57	U	0.59	0.59	U
Aldrin	ug/L	0.0095	0.0095	U	0.0099	0.0099	U
Alpha-BHC	ug/L	0.0095	0.0095	U	0.0099	0.0099	U
Ametryn	ug/L	0.048	0.048	U	0.049	0.049	U
Atrazine	ug/L	0.048	0.048	U	0.049	0.049	U
Azinphos Methyl	ug/L	0.19	0.19	UJ	0.2	0.2	UJ
Beta-BHC	ug/L	0.0095	0.0095	U	0.0099	0.0099	U
Bromacil	ug/L	0.19	0.19	UJ	0.2	0.2	U

Table 2: Location 34 Analytical Results

Pesticides/Herbicides/PCBs	Units	34-PRE Results	MDL	Remark	34-POST Results	MDL	Remark
Butylate	ug/L	0.19	0.19	UJ	0.2	0.2	U
Chlordane	ug/L	0.19	0.19	U	0.2	0.2	U
Chlorpyrifos Ethyl	ug/L	0.048	0.048	U	0.049	0.049	U
Chlorpyrifos Methyl	ug/L	0.095	0.095	U	0.099	0.099	U
DDD-p,p'	ug/L	0.019	0.019	U	0.02	0.02	U
DDE-p,p'	ug/L	0.019	0.019	U	0.02	0.02	U
DDT-p,p'	ug/L	0.029	0.029	U	0.03	0.03	U
Delta-BHC	ug/L	0.0095	0.0095	U	0.0099	0.0099	U
Diazinon	ug/L	0.048	0.048	UJ	0.049	0.049	U
Dieldrin	ug/L	0.019	0.019	U	0.02	0.02	U
Endosulfan I	ug/L	0.019	0.019	U	0.02	0.02	U
Endosulfan II	ug/L	0.019	0.019	U	0.02	0.02	U
Endosulfan Sulfate	ug/L	0.019	0.019	U	0.02	0.02	U
Endrin	ug/L	0.048	0.048	U	0.049	0.049	U
Endrin Aldehyde	ug/L	0.019	0.019	U	0.02	0.02	U
Ethion	ug/L	0.048	0.048	U	0.049	0.049	U
Ethoprop	ug/L	0.095	0.095	UJ	0.099	0.099	U
Fenamiphos	ug/L	0.19	0.19	U	0.2	0.2	U
Fonofos	ug/L	0.095	0.095	U	0.099	0.099	U
Gamma-BHC	ug/L	0.0095	0.0095	U	0.0099	0.0099	U
Heptachlor	ug/L	0.0095	0.0095	U	0.0099	0.0099	U
Heptachlor Epoxide	ug/L	0.019	0.019	U	0.02	0.02	U
Hexazinone	ug/L	0.095	0.095	U	0.099	0.099	UJ
Malathion	ug/L	0.14	0.14	U	0.15	0.15	U
Metalaxyl	ug/L	0.24	0.24	UJ	0.25	0.25	U
Methoxychlor	ug/L	0.048	0.048	U	0.049	0.049	U
Metolachlor	ug/L	0.48	0.48	UJ	0.49	0.49	U
Metribuzin	ug/L	0.095	0.095	U	0.099	0.099	U
Mevinphos	ug/L	0.19	0.19	U	0.2	0.2	U
Naled	ug/L	0.76	0.76	U	0.79	0.79	UJ

Table 2: Location 34 Analytical Results

Pesticides/Herbicides/PCBs	Units	34-PRE Results	MDL	Remark	34-POST Results	MDL	Remark
Norflurazon	ug/L	0.14	0.14	U	0.15	0.15	U
Parathion Ethyl	ug/L	0.14	0.14	U	0.15	0.15	U
Parathion Methyl	ug/L	0.095	0.095	U	0.099	0.099	U
PCB-1016	ug/L	0.19	0.19	U	0.2	0.2	U
PCB-1221	ug/L	0.19	0.19	U	0.2	0.2	U
PCB-1232	ug/L	0.19	0.19	U	0.2	0.2	U
PCB-1242	ug/L	0.29	0.29	U	0.3	0.3	U
PCB-1248	ug/L	0.19	0.19	U	0.2	0.2	U
PCB-1254	ug/L	0.29	0.29	U	0.3	0.3	U
PCB-1260	ug/L	0.19	0.19	U	0.2	0.2	U
Phorate	ug/L	0.048	0.048	U	0.049	0.049	U
Prometryn	ug/L	0.14	0.14	U	0.15	0.15	U
Simazine	ug/L	0.048	0.048	U	0.049	0.049	U
Toxaphene	ug/L	0.71	0.71	U	0.74	0.74	U
2,4,5-T	ug/L	0.2	0.2	U	0.2	0.2	U
2,4-D	ug/L	0.2	0.2	U	0.2	0.2	U
Acifluorfen	ug/L	0.2	0.2	U	0.2	0.2	U
Silvex	ug/L	0.2	0.2	U	0.2	0.2	U
Metals	Units	34-PRE Results	MDL	Remark	34-POST Results	MDL	Remark
Aluminum	ug/L	5	5	U	60	60	U
Antimony	ug/L				0.25	0.25	U
Arsenic	ug/L	0.25	0.25	U	0.25	0.25	U
Barium	ug/L	42.1	0.2		12.2	0.2	
Beryllium	ug/L				0.038	0.025	I
Boron	ug/L				45	15	I
Cadmium	ug/L	0.03	0.03	U	0.03	0.03	U
Calcium	mg/L				128	0.075	
Chromium	ug/L	0.3	0.3	U	0.3	0.3	U
Cobalt	ug/L				0.069	0.03	I

Table 2: Location 34 Analytical Results

Metals	Units	34-PRE Results	MDL	Remark	34-POST Results	MDL	Remark
Copper	ug/L	0.5	0.5	U	2.54	0.5	
Iron	ug/L				1.41E+03	30	
Lead	ug/L	0.2	0.2	U	0.2	0.2	U
Magnesium	mg/L				7.45	0.04	
Manganese	ug/L				25.4	0.75	
Mercury	ug/L	0.12	0.12	U	0.12	0.12	U
Molybdenum	ug/L				0.15	0.15	U
Nickel	ug/L				0.27	0.25	I
Potassium	mg/L				0.42	0.3	I
Selenium	ug/L	0.2	0.2	U	0.2	0.2	U
Silver	ug/L	0.025	0.025	U	0.025	0.025	U
Sodium	mg/L				82.8	0.5	
Strontium	ug/L	748	2		428	2	
Thallium	ug/L				0.1	0.1	U
Tin	ug/L				14	14	U
Titanium	ug/L	0.5	0.5	U	0.75	0.75	U
Vanadium	ug/L				2	2	U
Zinc	ug/L				5.5	5	I
Radionuclides	Units	34-PRE Results	MDL	Remark	34-POST Results	MDL	Remark
Alpha, Total	pCi/L	3.1		U	3.1		U
Alpha-Counting Error	pCi/L	1.9			1.8		
Beta, Total	pCi/L				3.1		U
Beta-Counting Error	pCi/L				1.9		
Radium 226	pCi/L	1.3			0.3		
Radium 226-Counting Error	pCi/L	0.2			0.1		
Radium 228	pCi/L	0.7		U	0.7		U
Radium 228-Counting Error	pCi/L	0.4			0.4		

Table 2: Location 34 Analytical Results

Additional Analytes	Units	34-PRE Results	MDL	Remark	34-POST Results	MDL	Remark
1,4-Dioxane	ug/L	0.2	0.2	U	0.20	0.20	U
NO2NO3-N	mg N/L	0.028	0.008		0.004	0.004	U
Perchlorate	ug/L				0.6	0.6	U

0.8 Gray shading indicates analyte was detected at a concentration below any applicable Florida Drinking Water Standard or Groundwater Cleanup Target Level.

256 Yellow shading indicates analyte was detected at a concentration exceeding either a Florida Drinking Water Standard or Groundwater Cleanup Target Level.

Location 35

Table 1: Summary of FDWS/GCTLs Exceedances and Radionuclides in Water Samples Collected Pre- and Post-Treatment from Location 35
April 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation

Analyte	FDWS/GCTL	35-Pre Aug 09	35-Post
Exceedances			
Sodium	160 mg/L (FPDWS)	NA	200
Radionuclides			
Total Alpha	15pCi/L (FPDWS)	3.1	3.0
Radium 226/228	5 pCi/L (FPDWS)	0.7*	0.2
Total Beta	50 pCi/L (FDEPSL)	NA	ND
No Exceedances for Radionuclides			

FDWS=Florida Drinking Water Standard

GCTL=Ground Water Cleanup Target Level

FPDWS= Florida Primary Drinking Water Standard

FSDWS=Florida Secondary Drinking Water Standard

FDEPSL=FDEP Screening Level

ND=Non Detect

NA=Not Analyzed

Gray Shading= Analyte Detected

Yellow Shading=Exceedance of FDWS/GCTL

ug/L= micrograms per Liter

pCi/L=picocuries per Liter

mg/L=milligrams per Liter

*Radium Collected April 2010

Table 2: Location 35 Analytical Results

Volatile Organic Compounds	Units	35-PRE Results	MDL	Remark	35-POST Results	MDL	Remark
1,1,1-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1,2,2-Tetrachloroethane	ug/L	0.5	0.5	UJ	0.5	0.5	UJ
1,1,2-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
1,2-Dichlorobenzene	ug/L	0.0099	0.0099	U	0.5	0.5	U
1,2-Dichloroethane	ug/L	0.5	0.5	U	0.2	0.2	U
1,2-Dichloropropane	ug/L	0.2	0.2	U	0.5	0.5	U
1,3-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
1,4-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
Benzene	ug/L	0.5	0.5	U	0.2	0.2	U
Bromodichloromethane	ug/L	10	10	U	5	5	U
Bromoform	ug/L	0.2	0.2	U	0.2	0.2	U
Bromomethane	ug/L	0.2	0.2	U	0.2	0.2	U
Carbon tetrachloride	ug/L	0.5	0.5	U	0.5	0.5	U
Chlorobenzene	ug/L	0.5	0.5	UJ	0.5	0.5	UJ
Chloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
Chloroform	ug/L	0.2	0.2	U	5.2	0.2	U
Chloromethane	ug/L	0.5	0.5	UJ	0.5	0.5	U
cis-1,2-Dichloroethene	ug/L	0.2	0.2	U	0.5	0.5	U
cis-1,3-Dichloropropene	ug/L	0.5	0.5	U	0.5	0.5	U
Dibromochloromethane	ug/L	0.5	0.5	U	0.5	0.5	U
Ethylbenzene	ug/L	0.5	0.5	U	0.5	0.5	U
m,p-Xylene	ug/L	0.2	0.2	U	0.2	0.2	U
Methylene chloride	ug/L	0.5	0.5	U	0.5	0.5	U
Methyl-t-butyl ether	ug/L	0.5	0.5	U	0.5	0.5	U
o-Xylene	ug/L	0.5	0.5	U	0.5	0.5	U
Tetrachloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
Toluene	ug/L	0.2	0.2	U	0.2	0.2	U
trans-1,2-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U

Table 2: Location 35 Analytical Results

Volatile Organic Compounds	Units	35-PRE Results	MDL	Remark	35-POST Results	MDL	Remark
trans-1,3-Dichloropropene	ug/L	0.2	0.2	U	0.2	0.2	U
Trichloroethene	ug/L	0.2	0.2	UJ	0.2	0.2	UJ
Trichlorofluoromethane	ug/L	0.5	0.5	U	0.5	0.5	U
Vinyl chloride	ug/L	0.5	0.5	U	0.5	0.5	U
Semi-Volatile Organic Compounds	Units	35-PRE Results	MDL	Remark	35-POST Results	MDL	Remark
1,2,4,5-Tetrachlorobenzene	ug/L	0.96	0.96	U	1	1	U
1,2,4-Trichlorobenzene	ug/L	0.96	0.96	U	1	1	U
1,3,5-Trinitrobenzene	ug/L	3.8	3.8	U	4	4	U
1,3-Dinitrobenzene	ug/L	1.9	1.9	U	2	2	UJ
1,4-Naphthoquinone	ug/L	19	19	UJ	20	20	U
1-Naphthylamine	ug/L	9.6	9.6	U	10	10	UJ
2,3,4,6-Tetrachlorophenol	ug/L	1.9	1.9	U	2	2	U
2,4,5-Trichlorophenol	ug/L	0.96	0.96	U	1	1	U
2,4,6-Trichlorophenol	ug/L	0.96	0.96	U	1	1	U
2,4-Dichlorophenol	ug/L	0.96	0.96	U	1	1	U
2,4-Dimethylphenol	ug/L	9.6	9.6	U	10	10	U
2,4-Dinitrophenol	ug/L	14	14	U	15	15	U
2,4-Dinitrotoluene	ug/L	0.96	0.96	U	1	1	U
2,6-Dichlorophenol	ug/L	0.96	0.96	U	1	1	U
2,6-Dinitrotoluene	ug/L	0.96	0.96	U	1	1	U
2-Acetylaminofluorene	ug/L	0.96	0.96	U	1	1	U
2-Chloronaphthalene	ug/L	0.96	0.96	U	1	1	U
2-Chlorophenol	ug/L	0.96	0.96	U	1	1	U
2-Methyl-4,6-dinitrophenol	ug/L	2.9	2.9	U	3	3	U
2-Methylnaphthalene	ug/L	0.96	0.96	U	1	1	U
2-Naphthylamine	ug/L	9.6	9.6	U	10	10	U
2-Nitroaniline	ug/L	0.96	0.96	U	1	1	U
2-Nitrophenol	ug/L	0.96	0.96	U	1	1	U
2-Picoline	ug/L	0.96	0.96	U	1	1	U

Table 2: Location 35 Analytical Results

Semi-Volatile Organic Compounds	Units	35-PRE Results	MDL	Remark	35-POST Results	MDL	Remark
3,3'-Dichlorobenzidine	ug/L	38	38	U	40	40	U
3,3'-Dimethylbenzidine	ug/L	19	19	U	20	20	UJ
3-Methylcholanthrene	ug/L	0.96	0.96	U	1	1	U
3-Nitroaniline	ug/L	0.96	0.96	U	1	1	U
4-Aminobiphenyl	ug/L	3.8	3.8	U	4	4	UJ
4-Bromophenyl phenyl ether	ug/L	0.96	0.96	U	1	1	U
4-Chloro-3-methylphenol	ug/L	0.96	0.96	U	1	1	U
4-Chloroaniline	ug/L	0.96	0.96	U	1	1	U
4-Chlorophenyl phenyl ether	ug/L	1.9	1.9	U	2	2	U
4-Nitroaniline	ug/L	0.96	0.96	UJ	1	1	UJ
4-Nitrophenol	ug/L	14	14	U	15	15	U
5-Nitro-o-toluidine	ug/L	0.96	0.96	U	1	1	U
7,12-Dimethylbenz(a)anthracene	ug/L	0.96	0.96	U	1	1	U
Acenaphthene	ug/L	0.96	0.96	U	1	1	U
Acenaphthylene	ug/L	0.96	0.96	U	1	1	U
Acetophenone	ug/L	0.96	0.96	U	1	1	U
Aniline	ug/L	0.96	0.96	U	1	1	U
Anthracene	ug/L	0.96	0.96	U	1	1	U
Azobenzene/1,2-Diphenylhydrazine	ug/L	0.96	0.96	U	1	1	U
Benzidine	ug/L	96	96	U	100	100	U
Benzo(a)anthracene	ug/L	0.96	0.96	U	1	1	U
Benzo(a)pyrene	ug/L	0.96	0.96	U	1	1	U
Benzo(b)fluoranthene	ug/L	0.96	0.96	U	1	1	U
Benzo(g,h,i)perylene	ug/L	0.96	0.96	U	1	1	U
Benzo(k)fluoranthene	ug/L	0.96	0.96	U	1	1	U
Benzyl alcohol	ug/L	0.96	0.96	U	1	1	U
Bis(2-chloroethoxy)methane	ug/L	0.96	0.96	U	1	1	U
Bis(2-chloroethyl)ether	ug/L	0.96	0.96	U	1	1	U
Bis(2-chloroisopropyl)ether	ug/L	2.9	2.9	U	3	3	U
Bis(2-ethylhexyl)phthalate	ug/L	14	14	U	15	15	UJ

Table 2: Location 35 Analytical Results

Semi-Volatile Organic Compounds	Units	35-PRE Results	MDL	Remark	35-POST Results	MDL	Remark
Butyl benzyl phthalate	ug/L	4.8	4.8	U	5	5	U
Chrysene	ug/L	0.96	0.96	U	1	1	U
Dibenzo(a,h)anthracene	ug/L	0.96	0.96	U	1	1	U
Dibenzofuran	ug/L	0.96	0.96	U	1	1	U
Diethyl phthalate	ug/L	0.96	0.96	U	1	1	U
Dimethyl phthalate	ug/L	9.6	9.6	U	10	10	U
Dimethylaminoazobenzene	ug/L	0.96	0.96	U	1	1	U
Di-n-butyl phthalate	ug/L	4.8	4.8	U	5	5	U
Di-n-octyl phthalate	ug/L	0.96	0.96	U	1	1	U
Dinoseb	ug/L	3.8	3.8	U	4	4	U
Ethyl methanesulfonate	ug/L	0.96	0.96	U	1	1	U
Fluoranthene	ug/L	0.96	0.96	U	1	1	U
Fluorene	ug/L	0.96	0.96	U	1	1	U
Hexachlorobenzene	ug/L	0.96	0.96	U	1	1	U
Hexachlorobutadiene	ug/L	2.9	2.9	U	3	3	U
Hexachlorocyclopentadiene	ug/L	2.9	2.9	U	3	3	U
Hexachloroethane	ug/L	2.9	2.9	U	3	3	U
Hexachloropropene	ug/L	1.9	1.9	U	2	2	U
Indeno(1,2,3-cd)pyrene	ug/L	0.96	0.96	U	1	1	U
Isophorone	ug/L	0.96	0.96	U	1	1	U
Isosafrole	ug/L	0.96	0.96	U	1	1	UJ
m,p-Cresols	ug/L	1.9	1.9	U	2	2	UJ
Methapyrilene	ug/L	3.8	3.8	UJ	4	4	U
Methyl methanesulfonate	ug/L	0.96	0.96	UJ	1	1	UJ
Naphthalene	ug/L	0.96	0.96	U	1	1	U
Nitrobenzene	ug/L	1.9	1.9	U	2	2	U
Nitroquinoline-1-oxide	ug/L	19	19	U	20	20	UJ
N-Nitrosodiethylamine	ug/L	0.96	0.96	U	1	1	U
N-Nitrosodimethylamine	ug/L	1.9	1.9	U	2	2	U
N-Nitrosodi-n-propylamine	ug/L	1.9	1.9	U	2	2	U

Table 2: Location 35 Analytical Results

Semi-Volatile Organic Compounds	Units	35-PRE Results	MDL	Remark	35-POST Results	MDL	Remark
N-Nitrosodiphenylamine/ Diphenylamine	ug/L	2.9	2.9	U	3	3	U
N-Nitrosomethylethylamine	ug/L	1.9	1.9	U	2	2	U
N-Nitrosomorpholine	ug/L	0.96	0.96	U	1	1	U
N-Nitrosopiperidine	ug/L	0.96	0.96	U	1	1	U
N-Nitrosopyrrolidine	ug/L	1.9	1.9	U	2	2	U
o-Cresol	ug/L	1.9	1.9	U	2	2	U
o-Toluidine	ug/L	0.96	0.96	U	1	1	U
Pentachlorobenzene	ug/L	0.96	0.96	U	1	1	U
Pentachloroethane	ug/L	48	48	U	50	50	U
Pentachloronitrobenzene	ug/L	0.96	0.96	U	1	1	U
Pentachlorophenol	ug/L	2.9	2.9	U	3	3	U
Phenacetin	ug/L	3.8	3.8	U	4	4	U
Phenanthrene	ug/L	0.96	0.96	U	1	1	U
Phenol	ug/L	0.96	0.96	U	1	1	U
Pyrene	ug/L	0.96	0.96	U	1	1	U
Pyridine	ug/L	3.8	3.8	U	4	4	U
Safrole	ug/L	0.96	0.96	U	1	1	U
TRPH	mg/L	0.24	0.24	U	0.25	0.25	U
Pesticides/Herbicides/PCBs	Units	35-PRE Results	MDL	Remark	35-POST Results	MDL	Remark
1,2-Dibromo-3-Chloropropane	ug/L				0.01	0.01	U
1,2-Dibromoethane	ug/L				0.01	0.01	U
Alachlor	ug/L	0.57	0.57	U	0.59	0.59	U
Aldrin	ug/L	0.0095	0.0095	U	0.0098	0.0098	U
Alpha-BHC	ug/L	0.0095	0.0095	U	0.0098	0.0098	U
Ametryn	ug/L	0.048	0.048	U	0.049	0.049	U
Atrazine	ug/L	0.048	0.048	U	0.049	0.049	U
Azinphos Methyl	ug/L	0.19	0.19	U	0.2	0.2	U
Beta-BHC	ug/L	0.0095	0.0095	U	0.0098	0.0098	U
Bromacil	ug/L	0.19	0.19	U	0.2	0.2	U

Table 2: Location 35 Analytical Results

Pesticides/Herbicides/PCBs	Units	35-PRE Results	MDL	Remark	35-POST Results	MDL	Remark
Butylate	ug/L	0.19	0.19	U	0.2	0.2	U
Chlordane	ug/L	0.19	0.19	U	0.2	0.2	U
Chlorpyrifos Ethyl	ug/L	0.048	0.048	U	0.049	0.049	U
Chlorpyrifos Methyl	ug/L	0.095	0.095	U	0.098	0.098	U
DDD-p,p'	ug/L	0.019	0.019	U	0.02	0.02	U
DDE-p,p'	ug/L	0.019	0.019	U	0.02	0.02	U
DDT-p,p'	ug/L	0.029	0.029	U	0.029	0.029	U
Delta-BHC	ug/L	0.0095	0.0095	U	0.0098	0.0098	U
Diazinon	ug/L	0.048	0.048	U	0.049	0.049	U
Dieldrin	ug/L	0.019	0.019	U	0.02	0.02	U
Endosulfan I	ug/L	0.019	0.019	U	0.02	0.02	U
Endosulfan II	ug/L	0.019	0.019	U	0.02	0.02	U
Endosulfan Sulfate	ug/L	0.019	0.019	U	0.02	0.02	U
Endrin	ug/L	0.048	0.048	U	0.049	0.049	U
Endrin Aldehyde	ug/L	0.019	0.019	U	0.02	0.02	U
Ethion	ug/L	0.048	0.048	U	0.049	0.049	U
Ethoprop	ug/L	0.095	0.095	U	0.098	0.098	U
Fenamiphos	ug/L	0.19	0.19	U	0.2	0.2	U
Fonofos	ug/L	0.095	0.095	U	0.098	0.098	U
Gamma-BHC	ug/L	0.0095	0.0095	U	0.0098	0.0098	U
Heptachlor	ug/L	0.0095	0.0095	U	0.0098	0.0098	U
Heptachlor Epoxide	ug/L	0.019	0.019	UJ	0.02	0.02	U
Hexazinone	ug/L	0.095	0.095	U	0.098	0.098	UJ
Malathion	ug/L	0.14	0.14	U	0.15	0.15	U
Metalaxyl	ug/L	0.24	0.24	U	0.24	0.24	U
Pesticides/Herbicides/PCBs	Units	35-PRE Results	MDL	Remark	35-POST Results	MDL	Remark
Methoxychlor	ug/L	0.048	0.048	UJ	0.049	0.049	U
Metolachlor	ug/L	0.48	0.48	U	0.49	0.49	U
Metribuzin	ug/L	0.095	0.095	U	0.098	0.098	U

Table 2: Location 35 Analytical Results

Pesticides/Herbicides/PCBs	Units	35-PRE Results	MDL	Remark	35-POST Results	MDL	Remark
Mevinphos	ug/L	0.19	0.19	U	0.2	0.2	U
Naled	ug/L	0.76	0.76	U	0.78	0.78	U
Norflurazon	ug/L	0.14	0.14	U	0.15	0.15	U
Parathion Ethyl	ug/L	0.14	0.14	U	0.15	0.15	U
Parathion Methyl	ug/L	0.095	0.095	U	0.098	0.098	U
PCB-1016	ug/L	0.19	0.19	U	0.2	0.2	U
PCB-1221	ug/L	0.19	0.19	U	0.2	0.2	U
PCB-1232	ug/L	0.19	0.19	U	0.2	0.2	U
PCB-1242	ug/L	0.29	0.29	U	0.29	0.29	U
PCB-1248	ug/L	0.19	0.19	U	0.2	0.2	U
PCB-1254	ug/L	0.29	0.29	U	0.29	0.29	U
PCB-1260	ug/L	0.19	0.19	U	0.2	0.2	U
Phorate	ug/L	0.048	0.048	U	0.049	0.049	U
Prometryn	ug/L	0.14	0.14	U	0.15	0.15	U
Simazine	ug/L	0.048	0.048	U	0.049	0.049	U
Toxaphene	ug/L	0.71	0.71	U	0.73	0.73	U
2,4,5-T	ug/L	0.2	0.2	U	0.21	0.21	U
2,4-D	ug/L	0.2	0.2	U	0.21	0.21	U
Acifluorfen	ug/L	0.2	0.2	U	0.21	0.21	U
Silvex	ug/L	0.2	0.2	U	0.21	0.21	U
Metals	Units	35-PRE Results	MDL	Remark	35-POST Results	MDL	Remark
Aluminum	ug/L	89	5		160	60	I
Antimony	ug/L				0.25	0.25	U
Arsenic	ug/L	0.25	0.25	U	0.25	0.25	U
Barium	ug/L	6.51	0.2		1.98	0.2	
Beryllium	ug/L				0.035	0.025	I
Boron	ug/L				115	15	
Cadmium	ug/L	0.1	0.1	U	0.067	0.03	I
Calcium	mg/L				4.5	0.075	

Table 2: Location 35 Analytical Results

Metals	Units	35-PRE Results	MDL	Remark	35-POST Results	MDL	Remark
Chromium	ug/L	1.2	0.3		0.57	0.3	I
Cobalt	ug/L				0.11	0.03	I
Copper	ug/L	1.5	0.5		5.39	0.5	
Iron	ug/L				260	30	
Lead	ug/L	0.57	0.2	I	0.41	0.2	I
Magnesium	mg/L				0.078	0.04	I
Manganese	ug/L				9.8	0.75	
Mercury	ug/L	0.12	0.12	U	0.12	0.12	U
Molybdenum	ug/L				0.15	0.15	U
Nickel	ug/L				0.43	0.25	I
Potassium	mg/L				0.3	0.3	U
Selenium	ug/L	0.2	0.2	U	0.2	0.2	U
Silver	ug/L	0.025	0.025	U	0.025	0.025	U
Sodium	mg/L				200	0.5	
Strontium	ug/L	813	2		27.3	2	
Thallium	ug/L				0.1	0.1	U
Tin	ug/L				3	3	U
Titanium	ug/L	5.1	0.5		3.4	0.75	
Vanadium	ug/L				2	2	U
Zinc	ug/L				72	5	
Radionuclides	Units	35-PRE Results	MDL	Remark	35-POST Results	MDL	Remark
Alpha, Total	pCi/L	3.1			3		
Alpha-Counting Error	pCi/L	0.8			1.5		
Beta, Total	pCi/L				2		U
Beta-Counting Error	pCi/L				1.2		
Radium 226	pCi/L	0.7			0.2		
Radium 226-Counting Error	pCi/L	0.1			0.1		
Radium 228	pCi/L	0.6		U	0.8		U
Radium 228-Counting Error	pCi/L	0.4			0.5		

Table 2: Location 35 Analytical Results

Additional Analytes	Units	35-PRE Results	MDL	Remark	35-POST Results	MDL	Remark
1,4-Dioxane	ug/L	0.2	0.2	U	0.20	0.20	U
NO2NO3-N	mg N/L	0.007	0.004	I	0.004	0.004	U
Perchlorate	ug/L				0.6	0.6	U

0.8 Gray shading indicates analyte was detected at a concentration below any applicable Florida Drinking Water Standard or Groundwater Cleanup Target Level.

256 Yellow shading indicates analyte was detected at a concentration exceeding either a Florida Drinking Water Standard or Groundwater Cleanup Target Level.

Location 36

**Table 1: Summary of FDWS/GCTLs Exceedances and Radionuclides in Water Samples Collected Pre- and Post-Treatment from Location 36
April 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation**

Analyte	FDWS/GCTL	36-Pre Aug 09	36-Post
Exceedances			
Manganese	50 mg/L (FSDWS)	NA	300
Radionuclides			
Total Alpha	15pCi/L (FPDWS)	ND	ND
Radium 226/228	5 pCi/L (FPDWS)	0.5*	0.6
Total Beta	50 pCi/L (FDEPSL)	NA	ND
No Exceedances for Radionuclides			

FDWS=Florida Drinking Water Standard

GCTL=Ground Water Cleanup Target Level

FPDWS= Florida Primary Drinking Water Standard

FSDWS=Florida Secondary Drinking Water Standard

FDEPSL=FDEP Screening Level

ND=Non Detect

NA=Not Analyzed

Gray Shading= Analyte Detected

Yellow Shading=Exceedance of FDWS/GCTL

ug/L= micrograms per Liter

pCi/L=picocuries per Liter

mg/L=milligrams per Liter

*Radium Collected April 2010

Table 2: Location 36 Analytical Results

Volatile Organic Compounds	Units	36-PRE Results	MDL	Remark	36-POST Results	MDL	Remark
1,1,1-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1,2,2-Tetrachloroethane	ug/L	0.5	0.5	UJ	0.5	0.5	UJ
1,1,2-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
1,2-Dichlorobenzene	ug/L	0.01	0.01	U	0.5	0.5	U
1,2-Dichloroethane	ug/L	0.5	0.5	U	0.2	0.2	U
1,2-Dichloropropane	ug/L	0.2	0.2	U	0.5	0.5	U
1,3-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
1,4-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
Benzene	ug/L	0.5	0.5	U	0.2	0.2	U
Bromodichloromethane	ug/L	10	10	UJ	5	5	U
Bromoform	ug/L	0.2	0.2	U	0.2	0.2	U
Bromomethane	ug/L	0.2	0.2	U	0.2	0.2	U
Carbon tetrachloride	ug/L	0.5	0.5	U	0.5	0.5	U
Chlorobenzene	ug/L	0.5	0.5	UJ	0.5	0.5	UJ
Chloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
Chloroform	ug/L	0.2	0.2	U	0.2	0.2	U
Chloromethane	ug/L	0.5	0.5	UJ	0.5	0.5	U
cis-1,2-Dichloroethene	ug/L	0.2	0.2	U	0.2	0.2	U
cis-1,3-Dichloropropene	ug/L	0.5	0.5	U	0.5	0.5	U
Dibromochloromethane	ug/L	0.5	0.5	U	0.5	0.5	U
Ethylbenzene	ug/L	0.5	0.5	U	0.5	0.5	U
m,p-Xylene	ug/L	0.2	0.2	U	0.2	0.2	U
Methylene chloride	ug/L	0.5	0.5	U	0.5	0.5	U
Methyl-t-butyl ether	ug/L	0.5	0.5	U	0.5	0.5	U
o-Xylene	ug/L	0.5	0.5	U	0.5	0.5	U
Tetrachloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
Toluene	ug/L	0.2	0.2	U	0.2	0.2	U
trans-1,2-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U

Table 2: Location 36 Analytical Results

Volatile Organic Compounds	Units	36-PRE Results	MDL	Remark	36-POST Results	MDL	Remark
trans-1,3-Dichloropropene	ug/L	0.2	0.2	U	0.2	0.2	U
Trichloroethene	ug/L	0.2	0.2	UJ	0.2	0.2	UJ
Trichlorofluoromethane	ug/L	0.5	0.5	U	0.5	0.5	U
Vinyl chloride	ug/L	0.5	0.5	U	0.5	0.5	U
Semi-Volatile Organic Compounds	Units	36-PRE Results	MDL	Remark	36-POST Results	MDL	Remark
1,2,4,5-Tetrachlorobenzene	ug/L	0.97	0.97	U	0.99	0.99	U
1,2,4-Trichlorobenzene	ug/L	0.97	0.97	U	0.99	0.99	U
1,3,5-Trinitrobenzene	ug/L	3.9	3.9	U	3.9	3.9	U
1,3-Dinitrobenzene	ug/L	1.9	1.9	U	2	2	UJ
1,4-Naphthoquinone	ug/L	19	19	UJ	20	20	U
1-Naphthylamine	ug/L	9.7	9.7	U	9.9	9.9	UJ
2,3,4,6-Tetrachlorophenol	ug/L	1.9	1.9	U	2	2	U
2,4,5-Trichlorophenol	ug/L	0.97	0.97	U	0.99	0.99	U
2,4,6-Trichlorophenol	ug/L	0.97	0.97	U	0.99	0.99	U
2,4-Dichlorophenol	ug/L	0.97	0.97	U	0.99	0.99	U
2,4-Dimethylphenol	ug/L	9.7	9.7	U	9.9	9.9	U
2,4-Dinitrophenol	ug/L	15	15	U	15	15	U
2,4-Dinitrotoluene	ug/L	0.97	0.97	U	0.99	0.99	U
2,6-Dichlorophenol	ug/L	0.97	0.97	U	0.99	0.99	U
2,6-Dinitrotoluene	ug/L	0.97	0.97	U	0.99	0.99	U
2-Acetylaminofluorene	ug/L	0.97	0.97	U	0.99	0.99	U
2-Chloronaphthalene	ug/L	0.97	0.97	U	0.99	0.99	U
2-Chlorophenol	ug/L	0.97	0.97	U	0.99	0.99	U
2-Methyl-4,6-dinitrophenol	ug/L	2.9	2.9	U	3	3	U
2-Methylnaphthalene	ug/L	0.97	0.97	U	0.99	0.99	U
2-Naphthylamine	ug/L	9.7	9.7	U	9.9	9.9	U
2-Nitroaniline	ug/L	0.97	0.97	U	0.99	0.99	U
2-Nitrophenol	ug/L	0.97	0.97	U	0.99	0.99	U
2-Picoline	ug/L	0.97	0.97	U	0.99	0.99	U

Table 2: Location 36 Analytical Results

Semi-Volatile Organic Compounds	Units	36-PRE Results	MDL	Remark	36-POST Results	MDL	Remark
3,3'-Dichlorobenzidine	ug/L	39	39	U	39	39	U
3,3'-Dimethylbenzidine	ug/L	19	19	U	20	20	UJ
3-Methylcholanthrene	ug/L	0.97	0.97	U	0.99	0.99	U
3-Nitroaniline	ug/L	0.97	0.97	U	0.99	0.99	U
4-Aminobiphenyl	ug/L	3.9	3.9	U	3.9	3.9	UJ
4-Bromophenyl phenyl ether	ug/L	0.97	0.97	U	0.99	0.99	U
4-Chloro-3-methylphenol	ug/L	0.97	0.97	U	0.99	0.99	U
4-Chloroaniline	ug/L	0.97	0.97	U	0.99	0.99	U
4-Chlorophenyl phenyl ether	ug/L	1.9	1.9	U	2	2	U
4-Nitroaniline	ug/L	0.97	0.97	UJ	0.99	0.99	UJ
4-Nitrophenol	ug/L	15	15	U	15	15	U
5-Nitro-o-toluidine	ug/L	0.97	0.97	U	0.99	0.99	U
7,12-Dimethylbenz(a)anthracene	ug/L	0.97	0.97	U	0.99	0.99	U
Acenaphthene	ug/L	0.97	0.97	U	0.99	0.99	U
Acenaphthylene	ug/L	0.97	0.97	U	0.99	0.99	U
Acetophenone	ug/L	0.97	0.97	U	0.99	0.99	U
Aniline	ug/L	0.97	0.97	U	0.99	0.99	U
Anthracene	ug/L	0.97	0.97	U	0.99	0.99	U
Azobenzene/1,2-Diphenylhydrazine	ug/L	0.97	0.97	U	0.99	0.99	U
Benzidine	ug/L	97	97	U	99	99	U
Benzo(a)anthracene	ug/L	0.97	0.97	U	0.99	0.99	U
Benzo(a)pyrene	ug/L	0.97	0.97	U	0.99	0.99	U
Benzo(b)fluoranthene	ug/L	0.97	0.97	U	0.99	0.99	U
Benzo(g,h,i)perylene	ug/L	0.97	0.97	U	0.99	0.99	U
Benzo(k)fluoranthene	ug/L	0.97	0.97	U	0.99	0.99	U
Benzyl alcohol	ug/L	0.97	0.97	U	0.99	0.99	U
Bis(2-chloroethoxy)methane	ug/L	0.97	0.97	U	0.99	0.99	U
Bis(2-chloroethyl)ether	ug/L	0.97	0.97	U	0.99	0.99	U
Bis(2-chloroisopropyl)ether	ug/L	2.9	2.9	U	3	3	U
Bis(2-ethylhexyl)phthalate	ug/L	15	15	U	15	15	UJ

Table 2: Location 36 Analytical Results

Semi-Volatile Organic Compounds	Units	36-PRE Results	MDL	Remark	36-POST Results	MDL	Remark
Butyl benzyl phthalate	ug/L	4.9	4.9	U	4.9	4.9	U
Chrysene	ug/L	0.97	0.97	U	0.99	0.99	U
Dibenzo(a,h)anthracene	ug/L	0.97	0.97	U	0.99	0.99	U
Dibenzofuran	ug/L	0.97	0.97	U	0.99	0.99	U
Diethyl phthalate	ug/L	0.97	0.97	U	0.99	0.99	U
Dimethyl phthalate	ug/L	9.7	9.7	U	9.9	9.9	U
Dimethylaminoazobenzene	ug/L	0.97	0.97	U	0.99	0.99	U
Di-n-butyl phthalate	ug/L	4.9	4.9	U	4.9	4.9	U
Di-n-octyl phthalate	ug/L	0.97	0.97	UJ	0.99	0.99	U
Dinoseb	ug/L	3.9	3.9	U	3.9	3.9	U
Ethyl methanesulfonate	ug/L	0.97	0.97	U	0.99	0.99	U
Fluoranthene	ug/L	0.97	0.97	U	0.99	0.99	U
Fluorene	ug/L	0.97	0.97	U	0.99	0.99	U
Hexachlorobenzene	ug/L	0.97	0.97	U	0.99	0.99	U
Hexachlorobutadiene	ug/L	2.9	2.9	U	3	3	U
Hexachlorocyclopentadiene	ug/L	2.9	2.9	U	3	3	U
Hexachloroethane	ug/L	2.9	2.9	U	3	3	U
Hexachloropropene	ug/L	1.9	1.9	U	2	2	U
Indeno(1,2,3-cd)pyrene	ug/L	0.97	0.97	U	0.99	0.99	U
Isophorone	ug/L	0.97	0.97	U	0.99	0.99	U
Isosafrole	ug/L	0.97	0.97	U	0.99	0.99	UJ
m,p-Cresols	ug/L	1.9	1.9	U	2	2	UJ
Methapyrilene	ug/L	3.9	3.9	UJ	3.9	3.9	U
Methyl methanesulfonate	ug/L	0.97	0.97	UJ	0.99	0.99	UJ
Naphthalene	ug/L	0.97	0.97	U	0.99	0.99	U
Nitrobenzene	ug/L	1.9	1.9	U	2	2	U
Nitroquinoline-1-oxide	ug/L	19	19	U	20	20	UJ
N-Nitrosodiethylamine	ug/L	0.97	0.97	U	0.99	0.99	U
N-Nitrosodimethylamine	ug/L	1.9	1.9	U	2	2	U
N-Nitrosodi-n-propylamine	ug/L	1.9	1.9	U	2	2	U

Table 2: Location 36 Analytical Results

Semi-Volatile Organic Compounds	Units	36-PRE Results	MDL	Remark	36-POST Results	MDL	Remark
N-Nitrosodiphenylamine/ Diphenylamine	ug/L	2.9	2.9	U	3	3	U
N-Nitrosomethylethylamine	ug/L	1.9	1.9	U	2	2	U
N-Nitrosomorpholine	ug/L	0.97	0.97	U	0.99	0.99	U
N-Nitrosopiperidine	ug/L	0.97	0.97	U	0.99	0.99	U
N-Nitrosopyrrolidine	ug/L	1.9	1.9	U	2	2	U
o-Cresol	ug/L	1.9	1.9	U	2	2	U
o-Toluidine	ug/L	0.97	0.97	U	0.99	0.99	U
Pentachlorobenzene	ug/L	0.97	0.97	U	0.99	0.99	U
Pentachloroethane	ug/L	49	49	U	49	49	U
Pentachloronitrobenzene	ug/L	0.97	0.97	U	0.99	0.99	U
Pentachlorophenol	ug/L	2.9	2.9	U	3	3	U
Phenacetin	ug/L	3.9	3.9	U	3.9	3.9	U
Phenanthrene	ug/L	0.97	0.97	U	0.99	0.99	U
Phenol	ug/L	0.97	0.97	U	0.99	0.99	U
Pyrene	ug/L	0.97	0.97	U	0.99	0.99	U
Pyridine	ug/L	3.9	3.9	U	3.9	3.9	U
Safrole	ug/L	0.97	0.97	U	0.99	0.99	U
TRPH	mg/L	0.24	0.24	U	0.24	0.24	U
Pesticides/Herbicides/PCBs	Units	36-PRE Results	MDL	Remark	36-POST Results	MDL	Remark
1,2-Dibromo-3-Chloropropane	ug/L				0.01	0.01	U
1,2-Dibromoethane	ug/L				0.01	0.01	U
Alachlor	ug/L	0.57	0.57	UJ	0.59	0.59	U
Aldrin	ug/L	0.0096	0.0096	U	0.0098	0.0098	U
Alpha-BHC	ug/L	0.0096	0.0096	U	0.0098	0.0098	U
Ametryn	ug/L	0.048	0.048	U	0.049	0.049	U
Atrazine	ug/L	0.048	0.048	U	0.049	0.049	U
Azinphos Methyl	ug/L	0.19	0.19	UJ	0.2	0.2	UJ
Beta-BHC	ug/L	0.0096	0.0096	U	0.0098	0.0098	U
Bromacil	ug/L	0.19	0.19	UJ	0.2	0.2	U

Table 2: Location 36 Analytical Results

Pesticides/Herbicides/PCBs	Units	36-PRE Results	MDL	Remark	36-POST Results	MDL	Remark
Butylate	ug/L	0.19	0.19	UJ	0.2	0.2	U
Chlordane	ug/L	0.19	0.19	U	0.2	0.2	U
Chlorpyrifos Ethyl	ug/L	0.048	0.048	U	0.049	0.049	U
Chlorpyrifos Methyl	ug/L	0.096	0.096	U	0.098	0.098	U
DDD-p,p'	ug/L	0.019	0.019	U	0.02	0.02	U
DDE-p,p'	ug/L	0.019	0.019	U	0.02	0.02	U
DDT-p,p'	ug/L	0.029	0.029	U	0.029	0.029	U
Delta-BHC	ug/L	0.0096	0.0096	U	0.0098	0.0098	U
Diazinon	ug/L	0.048	0.048	U	0.049	0.049	U
Dieldrin	ug/L	0.019	0.019	U	0.02	0.02	U
Endosulfan I	ug/L	0.019	0.019	U	0.02	0.02	U
Endosulfan II	ug/L	0.019	0.019	U	0.02	0.02	U
Endosulfan Sulfate	ug/L	0.019	0.019	U	0.02	0.02	U
Endrin	ug/L	0.048	0.048	U	0.049	0.049	U
Endrin Aldehyde	ug/L	0.019	0.019	U	0.02	0.02	U
Ethion	ug/L	0.048	0.048	U	0.049	0.049	U
Ethoprop	ug/L	0.096	0.096	U	0.098	0.098	U
Fenamiphos	ug/L	0.19	0.19	U	0.2	0.2	U
Fonofos	ug/L	0.096	0.096	U	0.098	0.098	U
Gamma-BHC	ug/L	0.0096	0.0096	U	0.0098	0.0098	U
Heptachlor	ug/L	0.0096	0.0096	U	0.0098	0.0098	U
Heptachlor Epoxide	ug/L	0.019	0.019	U	0.02	0.02	U
Hexazinone	ug/L	0.096	0.096	U	0.098	0.098	U
Malathion	ug/L	0.14	0.14	U	0.15	0.15	U
Metalaxyl	ug/L	0.24	0.24	U	0.25	0.25	U
Pesticides/Herbicides/PCBs	Units	36-PRE Results	MDL	Remark	36-POST Results	MDL	Remark
Methoxychlor	ug/L	0.048	0.048	U	0.049	0.049	U
Metolachlor	ug/L	0.48	0.48	UJ	0.49	0.49	U
Metribuzin	ug/L	0.096	0.096	U	0.098	0.098	U

Table 2: Location 36 Analytical Results

Pesticides/Herbicides/PCBs	Units	36-PRE Results	MDL	Remark	36-POST Results	MDL	Remark
Mevinphos	ug/L	0.19	0.19	U	0.2	0.2	U
Naled	ug/L	0.77	0.77	U	0.78	0.78	U
Norflurazon	ug/L	0.14	0.14	U	0.15	0.15	U
Parathion Ethyl	ug/L	0.14	0.14	U	0.15	0.15	U
Parathion Methyl	ug/L	0.096	0.096	U	0.098	0.098	U
PCB-1016	ug/L	0.19	0.19	U	0.2	0.2	U
PCB-1221	ug/L	0.19	0.19	U	0.2	0.2	U
PCB-1232	ug/L	0.19	0.19	U	0.2	0.2	U
PCB-1242	ug/L	0.29	0.29	U	0.29	0.29	U
PCB-1248	ug/L	0.19	0.19	U	0.2	0.2	U
PCB-1254	ug/L	0.29	0.29	U	0.29	0.29	U
PCB-1260	ug/L	0.19	0.19	U	0.2	0.2	U
Phorate	ug/L	0.048	0.048	U	0.049	0.049	U
Prometryn	ug/L	0.14	0.14	UJ	0.15	0.15	U
Simazine	ug/L	0.048	0.048	U	0.049	0.049	U
Toxaphene	ug/L	0.72	0.72	U	0.74	0.74	U
2,4,5-T	ug/L	0.2	0.2	U	0.21	0.21	U
2,4-D	ug/L	0.2	0.2	U	0.21	0.21	U
Acifluorfen	ug/L	0.2	0.2	U	0.21	0.21	U
Silvex	ug/L	0.2	0.2	U	0.21	0.21	U
Metals	Units	36-PRE Results	MDL	Remark	36-POST Results	MDL	Remark
Aluminum	ug/L	5	5	U	60	60	U
Antimony	ug/L				0.25	0.25	U
Arsenic	ug/L	0.25	0.25	U	0.25	0.25	U
Barium	ug/L	13.1	0.2		1.24	0.2	
Beryllium	ug/L				0.025	0.025	U
Boron	ug/L				25	15	I
Cadmium	ug/L	0.03	0.03	U	0.03	0.03	U
Calcium	mg/L				10.5	0.075	

Table 2: Location 36 Analytical Results

Metals	Units	36-PRE Results	MDL	Remark	36-POST Results	MDL	Remark
Chromium	ug/L	0.3	0.3	U	0.3	0.3	U
Cobalt	ug/L				0.03	0.03	U
Copper	ug/L	12.1	0.5		0.5	0.5	U
Iron	ug/L				30	30	U
Lead	ug/L	3.49	0.2		0.3	0.2	I
Magnesium	mg/L				0.48	0.04	
Manganese	ug/L				300	0.75	
Mercury	ug/L	0.12	0.12	U	0.12	0.12	U
Molybdenum	ug/L				0.15	0.15	U
Nickel	ug/L				0.25	0.25	U
Potassium	mg/L				0.3	0.3	U
Selenium	ug/L	0.2	0.2	U	0.2	0.2	U
Silver	ug/L	0.025	0.025	U	0.025	0.025	U
Sodium	mg/L				14.9	0.5	
Strontium	ug/L	806	2		88.9	2	
Thallium	ug/L				0.1	0.1	U
Tin	ug/L				3	3	U
Titanium	ug/L	0.5	0.5	U	0.75	0.75	U
Vanadium	ug/L				2	2	U
Zinc	ug/L				18	5	I
Radionuclides	Units	36-PRE Results	MDL	Remark	36-POST Results	MDL	Remark
Alpha, Total	pCi/L	2		U	1.1		U
Alpha-Counting Error	pCi/L	1.3			0.6		
Beta, Total	pCi/L				1.9		U
Beta-Counting Error	pCi/L				1.1		
Radium 226	pCi/L	0.5			0.6		
Radium 226-Counting Error	pCi/L	0.1			0.1		
Radium 228	pCi/L	0.8		U	0.9		U
Radium 228-Counting Error	pCi/L	0.5			0.6		

Table 2: Location 36 Analytical Results

Additional Analytes	Units	36-PRE Results	MDL	Remark	36-POST Results	MDL	Remark
1,4-Dioxane	ug/L	0.2	0.2	U	0.20	0.20	U
NO2NO3-N	mg N/L	0.004	0.004	U	0.018	0.004	
Perchlorate	ug/L				0.3	0.3	U

0.8 Gray shading indicates analyte was detected at a concentration below any applicable Florida Drinking Water Standard or Groundwater Cleanup Target Level.

256 Yellow shading indicates analyte was detected at a concentration exceeding either a Florida Drinking Water Standard or Groundwater Cleanup Target Level.

Location 37

Table 1: Summary of FDWS/GCTLs Exceedances and Radionuclides in Water Samples Collected Pre- and Post-Treatment from Location 37
April 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation

Analyte	FDWS/GCTL	37-Pre Aug 09	37-Post
Exceedances			
None			
Radionuclides			
Total Alpha	15pCi/L (FPDWS)	2.9	ND
Radium 226/228	5 pCi/L (FPDWS)	1.3	0.4
Total Beta	50 pCi/L (FDEPSL)	NA	ND
No Exceedances for Radionuclides			

FDWS=Florida Drinking Water Standard

GCTL=Ground Water Cleanup Target Level

FPDWS= Florida Primary Drinking Water Standard

FSDWS=Florida Secondary Drinking Water Standard

FDEPSL=FDEP Screening Level

ND=Non Detect

NA=Not Analyzed

Gray Shading= Analyte Detected

Yellow Shading=Exceedance of FDWS/GCTL

ug/L= micrograms per Liter

pCi/L=picocuries per Liter

mg/L=milligrams per Liter

Table 2: Location 37 Analytical Results

Volatile Organic Compounds	Units	37-PRE Results	MDL	Remark	37-POST Results	MDL	Remark
1,1,1-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1,2,2-Tetrachloroethane	ug/L	0.5	0.5	UJ	0.5	0.5	UJ
1,1,2-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
1,2-Dichlorobenzene	ug/L	0.01	0.01	U	0.5	0.5	U
1,2-Dichloroethane	ug/L	0.5	0.5	U	0.2	0.2	U
1,2-Dichloropropane	ug/L	0.2	0.2	U	0.5	0.5	U
1,3-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U
1,4-Dichlorobenzene	ug/L	0.5	0.5	U	0.56	0.5	I
Benzene	ug/L	0.5	0.5	U	0.2	0.2	U
Bromodichloromethane	ug/L	10	10	UJ	5	5	U
Bromoform	ug/L	0.2	0.2	U	0.2	0.2	U
Bromomethane	ug/L	0.2	0.2	U	0.2	0.2	U
Carbon tetrachloride	ug/L	0.5	0.5	U	0.5	0.5	U
Chlorobenzene	ug/L	0.5	0.5	UJ	0.5	0.5	UJ
Chloroethane	ug/L	0.2	0.2	U	0.2	0.2	U
Chloroform	ug/L	0.2	0.2	U	0.2	0.2	U
Chloromethane	ug/L	0.5	0.5	UJ	0.5	0.5	U
cis-1,2-Dichloroethene	ug/L	0.2	0.2	U	0.2	0.2	U
cis-1,3-Dichloropropene	ug/L	0.5	0.5	U	0.5	0.5	U
Dibromochloromethane	ug/L	0.5	0.5	U	0.5	0.5	U
Ethylbenzene	ug/L	0.5	0.5	U	0.5	0.5	U
m,p-Xylene	ug/L	0.2	0.2	U	0.2	0.2	U
Methylene chloride	ug/L	0.5	0.5	U	0.5	0.5	U
Methyl-t-butyl ether	ug/L	0.5	0.5	U	0.5	0.5	U
o-Xylene	ug/L	0.5	0.5	U	0.5	0.5	U
Tetrachloroethene	ug/L	0.5	0.5	U	0.5	0.5	U
Toluene	ug/L	0.2	0.2	U	0.2	0.2	U
trans-1,2-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U

Table 2: Location 37 Analytical Results

Volatile Organic Compounds	Units	37-PRE Results	MDL	Remark	37-POST Results	MDL	Remark
trans-1,3-Dichloropropene	ug/L	0.2	0.2	U	0.2	0.2	U
Trichloroethene	ug/L	0.2	0.2	UJ	0.2	0.2	U
Trichlorofluoromethane	ug/L	0.5	0.5	U	0.5	0.5	U
Vinyl chloride	ug/L	0.5	0.5	U	0.5	0.5	U
Semi-Volatile Organic Compounds	Units	37-PRE Results	MDL	Remark	37-POST Results	MDL	Remark
1,2,4,5-Tetrachlorobenzene	ug/L	1	1	U	0.95	0.95	U
1,2,4-Trichlorobenzene	ug/L	1	1	U	0.95	0.95	U
1,3,5-Trinitrobenzene	ug/L	4	4	U	3.8	3.8	U
1,3-Dinitrobenzene	ug/L	2	2	U	1.9	1.9	UJ
1,4-Naphthoquinone	ug/L	20	20	UJ	19	19	U
1-Naphthylamine	ug/L	10	10	U	9.5	9.5	UJ
2,3,4,6-Tetrachlorophenol	ug/L	2	2	U	1.9	1.9	U
2,4,5-Trichlorophenol	ug/L	1	1	U	0.95	0.95	U
2,4,6-Trichlorophenol	ug/L	1	1	U	0.95	0.95	U
2,4-Dichlorophenol	ug/L	1	1	U	0.95	0.95	U
2,4-Dimethylphenol	ug/L	10	10	U	9.5	9.5	U
2,4-Dinitrophenol	ug/L	15	15	U	14	14	U
2,4-Dinitrotoluene	ug/L	1	1	U	0.95	0.95	U
2,6-Dichlorophenol	ug/L	1	1	U	0.95	0.95	U
2,6-Dinitrotoluene	ug/L	1	1	U	0.95	0.95	U
2-Acetylaminofluorene	ug/L	1	1	U	0.95	0.95	U
2-Chloronaphthalene	ug/L	1	1	U	0.95	0.95	U
2-Chlorophenol	ug/L	1	1	U	0.95	0.95	U
2-Methyl-4,6-dinitrophenol	ug/L	3	3	U	2.9	2.9	U
2-Methylnaphthalene	ug/L	1	1	U	0.95	0.95	U
2-Naphthylamine	ug/L	10	10	U	9.5	9.5	U
2-Nitroaniline	ug/L	1	1	U	0.95	0.95	U
2-Nitrophenol	ug/L	1	1	U	0.95	0.95	U
2-Picoline	ug/L	1	1	U	0.95	0.95	U

Table 2: Location 37 Analytical Results

Semi-Volatile Organic Compounds	Units	37-PRE Results	MDL	Remark	37-POST Results	MDL	Remark
3,3'-Dichlorobenzidine	ug/L	40	40	U	38	38	U
3,3'-Dimethylbenzidine	ug/L	20	20	U	19	19	UJ
3-Methylcholanthrene	ug/L	1	1	U	0.95	0.95	U
3-Nitroaniline	ug/L	1	1	U	0.95	0.95	U
4-Aminobiphenyl	ug/L	4	4	U	3.8	3.8	UJ
4-Bromophenyl phenyl ether	ug/L	1	1	U	0.95	0.95	U
4-Chloro-3-methylphenol	ug/L	1	1	U	0.95	0.95	U
4-Chloroaniline	ug/L	1	1	U	0.95	0.95	U
4-Chlorophenyl phenyl ether	ug/L	2	2	U	1.9	1.9	U
4-Nitroaniline	ug/L	1	1	UJ	0.95	0.95	UJ
4-Nitrophenol	ug/L	15	15	U	14	14	U
5-Nitro-o-toluidine	ug/L	1	1	U	0.95	0.95	U
7,12-Dimethylbenz(a)anthracene	ug/L	1	1	U	0.95	0.95	U
Acenaphthene	ug/L	1	1	U	0.95	0.95	U
Acenaphthylene	ug/L	1	1	U	0.95	0.95	U
Acetophenone	ug/L	1	1	U	0.95	0.95	U
Aniline	ug/L	1	1	U	0.95	0.95	U
Anthracene	ug/L	1	1	U	0.95	0.95	U
Azobenzene/1,2-Diphenylhydrazine	ug/L	1	1	U	0.95	0.95	U
Benzidine	ug/L	100	100	U	95	95	U
Benzo(a)anthracene	ug/L	1	1	U	0.95	0.95	U
Benzo(a)pyrene	ug/L	1	1	U	0.95	0.95	U
Benzo(b)fluoranthene	ug/L	1	1	U	0.95	0.95	U
Benzo(g,h,i)perylene	ug/L	1	1	U	0.95	0.95	U
Benzo(k)fluoranthene	ug/L	1	1	U	0.95	0.95	U
Benzyl alcohol	ug/L	1	1	U	0.95	0.95	U
Bis(2-chloroethoxy)methane	ug/L	1	1	U	0.95	0.95	U
Bis(2-chloroethyl)ether	ug/L	1	1	U	0.95	0.95	U
Bis(2-chloroisopropyl)ether	ug/L	3	3	U	2.9	2.9	U
Bis(2-ethylhexyl)phthalate	ug/L	15	15	U	14	14	UJ

Table 2: Location 37 Analytical Results

Semi-Volatile Organic Compounds	Units	37-PRE Results	MDL	Remark	37-POST Results	MDL	Remark
Butyl benzyl phthalate	ug/L	5	5	U	4.8	4.8	U
Chrysene	ug/L	1	1	U	0.95	0.95	U
Dibenzo(a,h)anthracene	ug/L	1	1	U	0.95	0.95	U
Dibenzofuran	ug/L	1	1	U	0.95	0.95	U
Diethyl phthalate	ug/L	1	1	U	0.95	0.95	U
Dimethyl phthalate	ug/L	10	10	U	9.5	9.5	U
Dimethylaminoazobenzene	ug/L	1	1	U	0.95	0.95	U
Di-n-butyl phthalate	ug/L	5	5	U	4.8	4.8	U
Di-n-octyl phthalate	ug/L	1	1	UJ	0.95	0.95	U
Dinoseb	ug/L	4	4	U	3.8	3.8	U
Ethyl methanesulfonate	ug/L	1	1	U	0.95	0.95	U
Fluoranthene	ug/L	1	1	U	0.95	0.95	U
Fluorene	ug/L	1	1	U	0.95	0.95	U
Hexachlorobenzene	ug/L	1	1	U	0.95	0.95	U
Hexachlorobutadiene	ug/L	3	3	U	2.9	2.9	U
Hexachlorocyclopentadiene	ug/L	3	3	U	2.9	2.9	U
Hexachloroethane	ug/L	3	3	U	2.9	2.9	U
Hexachloropropene	ug/L	2	2	U	1.9	1.9	U
Indeno(1,2,3-cd)pyrene	ug/L	1	1	U	0.95	0.95	U
Isophorone	ug/L	1	1	U	0.95	0.95	U
Isosafrole	ug/L	1	1	U	0.95	0.95	UJ
m,p-Cresols	ug/L	2	2	U	1.9	1.9	UJ
Methapyrilene	ug/L	4	4	UJ	3.8	3.8	U
Methyl methanesulfonate	ug/L	1	1	UJ	0.95	0.95	UJ
Naphthalene	ug/L	1	1	U	0.95	0.95	U
Nitrobenzene	ug/L	2	2	U	1.9	1.9	U
Nitroquinoline-1-oxide	ug/L	20	20	U	19	19	UJ
N-Nitrosodiethylamine	ug/L	1	1	U	0.95	0.95	U
N-Nitrosodimethylamine	ug/L	2	2	U	1.9	1.9	U
N-Nitrosodi-n-propylamine	ug/L	2	2	U	1.9	1.9	U

Table 2: Location 37 Analytical Results

Semi-Volatile Organic Compounds	Units	37-PRE Results	MDL	Remark	37-POST Results	MDL	Remark
N-Nitrosodiphenylamine/ Diphenylamine	ug/L	3	3	U	2.9	2.9	U
N-Nitrosomethylethylamine	ug/L	2	2	U	1.9	1.9	U
N-Nitrosomorpholine	ug/L	1	1	U	0.95	0.95	U
N-Nitrosopiperidine	ug/L	1	1	U	0.95	0.95	U
N-Nitrosopyrrolidine	ug/L	2	2	U	1.9	1.9	U
o-Cresol	ug/L	2	2	U	1.9	1.9	U
o-Toluidine	ug/L	1	1	U	0.95	0.95	U
Pentachlorobenzene	ug/L	1	1	U	0.95	0.95	U
Pentachloroethane	ug/L	50	50	U	48	48	U
Pentachloronitrobenzene	ug/L	1	1	U	0.95	0.95	U
Pentachlorophenol	ug/L	3	3	U	2.9	2.9	U
Phenacetin	ug/L	4	4	U	3.8	3.8	U
Phenanthrene	ug/L	1	1	U	0.95	0.95	U
Phenol	ug/L	1	1	U	0.95	0.95	U
Pyrene	ug/L	1	1	U	0.95	0.95	U
Pyridine	ug/L	4	4	U	3.8	3.8	U
Safrrole	ug/L	1	1	U	0.95	0.95	U
TRPH	mg/L	0.24	0.24	U	0.24	0.24	U
Pesticides/Herbicides/PCBs	Units	37-PRE Results	MDL	Remark	37-POST Results	MDL	Remark
1,2-Dibromo-3-Chloropropane	ug/L				0.01	0.01	U
1,2-Dibromoethane	ug/L				0.01	0.01	U
Alachlor	ug/L	0.59	0.59	UJ	0.57	0.57	U
Aldrin	ug/L	0.0099	0.0099	U	0.0095	0.0095	U
Alpha-BHC	ug/L	0.0099	0.0099	U	0.0095	0.0095	U
Ametryn	ug/L	0.049	0.049	U	0.048	0.048	U
Atrazine	ug/L	0.049	0.049	U	0.048	0.048	U
Azinphos Methyl	ug/L	0.2	0.2	UJ	0.19	0.19	UJ
Beta-BHC	ug/L	0.0099	0.0099	U	0.0095	0.0095	U
Bromacil	ug/L	0.2	0.2	UJ	0.19	0.19	U

Table 2: Location 37 Analytical Results

Pesticides/Herbicides/PCBs	Units	37-PRE Results	MDL	Remark	37-POST Results	MDL	Remark
Butylate	ug/L	0.2	0.2	UJ	0.19	0.19	U
Chlordane	ug/L	0.2	0.2	U	0.19	0.19	U
Chlorpyrifos Ethyl	ug/L	0.049	0.049	U	0.048	0.048	U
Chlorpyrifos Methyl	ug/L	0.099	0.099	U	0.095	0.095	U
DDD-p,p'	ug/L	0.02	0.02	U	0.019	0.019	U
DDE-p,p'	ug/L	0.02	0.02	U	0.019	0.019	U
DDT-p,p'	ug/L	0.03	0.03	U	0.029	0.029	U
Delta-BHC	ug/L	0.0099	0.0099	U	0.0095	0.0095	U
Diazinon	ug/L	0.049	0.049	U	0.048	0.048	U
Dieldrin	ug/L	0.02	0.02	U	0.019	0.019	U
Endosulfan I	ug/L	0.02	0.02	U	0.019	0.019	U
Endosulfan II	ug/L	0.02	0.02	U	0.019	0.019	U
Endosulfan Sulfate	ug/L	0.02	0.02	U	0.019	0.019	U
Endrin	ug/L	0.049	0.049	U	0.048	0.048	U
Endrin Aldehyde	ug/L	0.02	0.02	U	0.019	0.019	U
Ethion	ug/L	0.049	0.049	U	0.048	0.048	U
Ethoprop	ug/L	0.099	0.099	U	0.095	0.095	U
Fenamiphos	ug/L	0.2	0.2	U	0.19	0.19	U
Fonofos	ug/L	0.099	0.099	U	0.095	0.095	U
Gamma-BHC	ug/L	0.0099	0.0099	U	0.0095	0.0095	U
Heptachlor	ug/L	0.0099	0.0099	U	0.0095	0.0095	U
Heptachlor Epoxide	ug/L	0.02	0.02	U	0.019	0.019	U
Hexazinone	ug/L	0.099	0.099	U	0.095	0.095	U
Malathion	ug/L	0.15	0.15	U	0.14	0.14	U
Metalaxyl	ug/L	0.25	0.25	U	0.24	0.24	U
Pesticides/Herbicides/PCBs	Units	37-PRE Results	MDL	Remark	37-POST Results	MDL	Remark
Methoxychlor	ug/L	0.049	0.049	U	0.048	0.048	U
Metolachlor	ug/L	0.49	0.49	UJ	0.48	0.48	U
Metribuzin	ug/L	0.099	0.099	U	0.095	0.095	U

Table 2: Location 37 Analytical Results

Pesticides/Herbicides/PCBs	Units	37-PRE Results	MDL	Remark	37-POST Results	MDL	Remark
Mevinphos	ug/L	0.2	0.2	U	0.19	0.19	U
Naled	ug/L	0.79	0.79	U	0.76	0.76	U
Norflurazon	ug/L	0.15	0.15	U	0.14	0.14	U
Parathion Ethyl	ug/L	0.15	0.15	U	0.14	0.14	U
Parathion Methyl	ug/L	0.099	0.099	U	0.095	0.095	U
PCB-1016	ug/L	0.2	0.2	U	0.19	0.19	U
PCB-1221	ug/L	0.2	0.2	U	0.19	0.19	U
PCB-1232	ug/L	0.2	0.2	U	0.19	0.19	U
PCB-1242	ug/L	0.3	0.3	U	0.29	0.29	U
PCB-1248	ug/L	0.2	0.2	U	0.19	0.19	U
PCB-1254	ug/L	0.3	0.3	U	0.29	0.29	U
PCB-1260	ug/L	0.2	0.2	U	0.19	0.19	U
Phorate	ug/L	0.049	0.049	U	0.048	0.048	U
Prometryn	ug/L	0.15	0.15	UJ	0.14	0.14	U
Simazine	ug/L	0.049	0.049	U	0.048	0.048	U
Toxaphene	ug/L	0.74	0.74	U	0.71	0.71	U
2,4,5-T	ug/L	0.2	0.2	U	0.2	0.2	U
2,4-D	ug/L	0.2	0.2	U	0.2	0.2	U
Acifluorfen	ug/L	0.2	0.2	U	0.2	0.2	U
Silvex	ug/L	0.2	0.2	U	0.2	0.2	U
Metals	Units	37-PRE Results	MDL	Remark	37-POST Results	MDL	Remark
Aluminum	ug/L	5	5	U	60	60	U
Antimony	ug/L				0.25	0.25	U
Arsenic	ug/L	0.73	0.25	I	0.57	0.25	I
Barium	ug/L	19.1	0.2		0.77	0.2	I
Beryllium	ug/L				0.025	0.025	U
Boron	ug/L				31	15	I
Cadmium	ug/L	0.03	0.03	U	0.03	0.03	U
Calcium	mg/L				0.2	0.075	I

Table 2: Location 37 Analytical Results

Metals	Units	37-PRE Results	MDL	Remark	37-POST Results	MDL	Remark
Chromium	ug/L	0.3	0.3	U	0.3	0.3	U
Cobalt	ug/L				0.069	0.03	I
Copper	ug/L	0.62	0.5		0.5	0.5	U
Iron	ug/L				40	30	I
Lead	ug/L	0.2	0.2	U	0.2	0.2	U
Magnesium	mg/L				0.04	0.04	U
Manganese	ug/L				3.3	0.75	
Mercury	ug/L	0.12	0.12	U	0.12	0.12	U
Molybdenum	ug/L				0.15	0.15	U
Nickel	ug/L				0.25	0.25	U
Potassium	mg/L				0.3	0.3	U
Selenium	ug/L	0.2	0.2	U	0.2	0.2	U
Silver	ug/L	0.025	0.025	U	0.025	0.025	U
Sodium	mg/L				130	0.5	
Strontium	ug/L	487	2		2	2	U
Thallium	ug/L				0.1	0.1	U
Tin	ug/L				3	3	U
Titanium	ug/L	0.5	0.5	U	0.75	0.75	U
Vanadium	ug/L				2	2	U
Zinc	ug/L				5	5	U
Radionuclides	Units	37-PRE Results	MDL	Remark	37-POST Results	MDL	Remark
Alpha, Total	pCi/L	2.7			2.4		U
Alpha-Counting Error	pCi/L	1			1.3		
Beta, Total	pCi/L				2.1		U
Beta-Counting Error	pCi/L				1.2		
Radium 226	pCi/L	1.3			0.4		
Radium 226-Counting Error	pCi/L	0.2			0.1		
Radium 228	pCi/L	0.7		U	0.7		U
Radium 228-Counting Error	pCi/L	0.4			0.5		

Table 2: Location 37 Analytical Results

Additional Analytes	Units	37-PRE Results	MDL	Remark	37-POST Results	MDL	Remark
1,4-Dioxane	ug/L	0.2	0.2	U	0.20	0.20	U
NO2NO3-N	mg/L	0.02	0.02	U	0.004	0.004	U
Perchlorate	ug/L				0.3	0.3	U

0.8 Gray shading indicates analyte was detected at a concentration below any applicable Florida Drinking Water Standard or Groundwater Cleanup Target Level.

256 Yellow shading indicates analyte was detected at a concentration exceeding either a Florida Drinking Water Standard or Groundwater Cleanup Target Level.

Location 38

**Table 1: Summary of FDWS/GCTLs Exceedances and Radionuclides in Water Samples Collected Pre- and Post-Treatment from Location 38
April 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation**

Analyte	FDWS/GCTL	38-Pre	38-Pre Dup	38-Post
Exceedances				
Iron	300 ug/L (FSDWS)	2,840	3,310	ND
Manganese	50 ug/L (FSDWS)	50.7	53.4	ND
Sodium	160 mg/L (FPDWS)	10.3	10.1	174
Radionuclides				
Total Alpha	15pCi/L (FPDWS)	ND	2.1	ND
Radium 226/228	5 pCi/L (FPDWS)	0.3	1.6	0.2
Total Beta	50 pCi/L (FDEPSL)	ND	2.6	ND
No Exceedances for Radionuclides				

FDWS=Florida Drinking Water Standard

GCTL=Ground Water Cleanup Target Level

FPDWS= Florida Primary Drinking Water Standard

FSDWS=Florida Secondary Drinking Water Standard

FDEPSL=FDEP Screening Level

ND=Non Detect

NA=Not Analyzed

Gray Shading= Analyte Detected

Yellow Shading=Exceedance of FDWS/GCTL

ug/L= micrograms per Liter

pCi/L=picocuries per Liter

mg/L=milligrams per Liter

Table 2: Location 38 Analytical Results

Volatile Organic Compounds	Units	38-PRE	MDL	Remark	38-PRE Dup	MDL	Remark	38-POST Results	MDL	Remark
1,1,1-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
1,1,2,2-Tetrachloroethane	ug/L	0.5	0.5	UJ	0.5	0.5	UJ	0.5	0.5	UJ
1,1,2-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
1,2-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
1,2-Dichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
1,2-Dichloropropane	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
1,3-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
1,4-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
Benzene	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
Bromodichloromethane	ug/L	5	5	U	5	5	U	5	5	U
Bromoform	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
Bromomethane	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
Carbon tetrachloride	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
Chlorobenzene	ug/L	0.5	0.5	UJ	0.5	0.5	UJ	0.5	0.5	UJ
Chloroethane	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
Chloroform	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
Chloromethane	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
cis-1,2-Dichloroethene	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
cis-1,3-Dichloropropene	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
Dibromochloromethane	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
Ethylbenzene	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
m,p-Xylene	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
Methylene chloride	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
Methyl-t-butyl ether	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
o-Xylene	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
Tetrachloroethene	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
Toluene	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U

Table 2: Location 38 Analytical Results

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Table 2: Location 38 Analytical Results

Semi-Volatile Organic Compounds	Units	38-PRE	MDL	Remark	38-PRE Dup	MDL	Remark	38-POST Results	MDL	Remark
2-Nitroaniline	ug/L	0.97	0.97	U	0.98	0.98	U	0.96	0.96	U
2-Nitrophenol	ug/L	0.97	0.97	U	0.98	0.98	U	0.96	0.96	U
2-Picoline	ug/L	0.97	0.97	U	0.98	0.98	U	0.96	0.96	U
3,3'-Dichlorobenzidine	ug/L	39	39	U	39	39	U	38	38	U
3,3'-Dimethylbenzidine	ug/L	19	19	UJ	20	20	UJ	19	19	UJ
3-Methylcholanthrene	ug/L	0.97	0.97	U	0.98	0.98	U	0.96	0.96	U
3-Nitroaniline	ug/L	0.97	0.97	U	0.98	0.98	U	0.96	0.96	U
4-Aminobiphenyl	ug/L	3.9	3.9	UJ	3.9	3.9	UJ	3.8	3.8	UJ
4-Bromophenyl phenyl ether	ug/L	0.97	0.97	U	0.98	0.98	U	0.96	0.96	U
4-Chloro-3-methylphenol	ug/L	0.97	0.97	U	0.98	0.98	U	0.96	0.96	U
4-Chloroaniline	ug/L	0.97	0.97	U	0.98	0.98	U	0.96	0.96	U
4-Chlorophenyl phenyl ether	ug/L	1.9	1.9	U	2	2	U	1.9	1.9	U
4-Nitroaniline	ug/L	0.97	0.97	UJ	0.98	0.98	UJ	0.96	0.96	UJ
4-Nitrophenol	ug/L	15	15	U	15	15	U	14	14	U
5-Nitro-o-toluidine	ug/L	0.97	0.97	U	0.98	0.98	U	0.96	0.96	U
7,12-Dimethylbenz(a)anthracene	ug/L	0.97	0.97	U	0.98	0.98	U	0.96	0.96	U
Acenaphthene	ug/L	0.97	0.97	U	0.98	0.98	U	0.96	0.96	U
Acenaphthylene	ug/L	0.97	0.97	U	0.98	0.98	U	0.96	0.96	U
Acetophenone	ug/L	0.97	0.97	U	0.98	0.98	U	0.96	0.96	U
Aniline	ug/L	0.97	0.97	U	0.98	0.98	U	0.96	0.96	U
Anthracene	ug/L	0.97	0.97	U	0.98	0.98	U	0.96	0.96	U
Azobenzene/1,2-Diphenylhydrazine	ug/L	0.97	0.97	U	0.98	0.98	U	0.96	0.96	U
Benzidine	ug/L	97	97	U	98	98	U	96	96	U
Benzo(a)anthracene	ug/L	0.97	0.97	U	0.98	0.98	U	0.96	0.96	U
Benzo(a)pyrene	ug/L	0.97	0.97	U	0.98	0.98	U	0.96	0.96	U
Benzo(b)fluoranthene	ug/L	0.97	0.97	U	0.98	0.98	U	0.96	0.96	U
Benzo(g,h,i)perylene	ug/L	0.97	0.97	U	0.98	0.98	U	0.96	0.96	U
Benzo(k)fluoranthene	ug/L	0.97	0.97	U	0.98	0.98	U	0.96	0.96	U
Benzyl alcohol	ug/L	0.97	0.97	U	0.98	0.98	U	0.96	0.96	U

Table 2: Location 38 Analytical Results

Semi-Volatile Organic Compounds	Units	38-PRE	MDL	Remark	38-PRE Dup	MDL	Remark	38-POST Results	MDL	Remark
Bis(2-chloroethoxy)methane	ug/L	0.97	0.97	U	0.98	0.98	U	0.96	0.96	U
Bis(2-chloroethyl)ether	ug/L	0.97	0.97	U	0.98	0.98	U	0.96	0.96	U
Bis(2-chloroisopropyl)ether	ug/L	2.9	2.9	U	2.9	2.9	U	2.9	2.9	U
Bis(2-ethylhexyl)phthalate	ug/L	15	15	UJ	15	15	UJ	14	14	UJ
Butyl benzyl phthalate	ug/L	4.9	4.9	U	4.9	4.9	U	4.8	4.8	U
Chrysene	ug/L	0.97	0.97	U	0.98	0.98	U	0.96	0.96	U
Dibenzo(a,h)anthracene	ug/L	0.97	0.97	U	0.98	0.98	U	0.96	0.96	U
Dibenzofuran	ug/L	0.97	0.97	U	0.98	0.98	U	0.96	0.96	U
Diethyl phthalate	ug/L	0.97	0.97	U	0.98	0.98	U	0.96	0.96	U
Dimethyl phthalate	ug/L	9.7	9.7	U	9.8	9.8	U	9.6	9.6	U
Dimethylaminoazobenzene	ug/L	0.97	0.97	U	0.98	0.98	U	0.96	0.96	U
Di-n-butyl phthalate	ug/L	4.9	4.9	U	4.9	4.9	U	4.8	4.8	U
Di-n-octyl phthalate	ug/L	0.97	0.97	U	0.98	0.98	U	0.96	0.96	U
Dinoseb	ug/L	3.9	3.9	U	3.9	3.9	U	3.8	3.8	U
Ethyl methanesulfonate	ug/L	0.97	0.97	U	0.98	0.98	U	0.96	0.96	U
Fluoranthene	ug/L	0.97	0.97	U	0.98	0.98	U	0.96	0.96	U
Fluorene	ug/L	0.97	0.97	U	0.98	0.98	U	0.96	0.96	U
Hexachlorobenzene	ug/L	0.97	0.97	U	0.98	0.98	U	0.96	0.96	U
Hexachlorobutadiene	ug/L	2.9	2.9	U	2.9	2.9	U	2.9	2.9	U
Hexachlorocyclopentadiene	ug/L	2.9	2.9	U	2.9	2.9	U	2.9	2.9	U
Hexachloroethane	ug/L	2.9	2.9	U	2.9	2.9	U	2.9	2.9	U
Hexachloropropene	ug/L	1.9	1.9	U	2	2	U	1.9	1.9	U
Indeno(1,2,3-cd)pyrene	ug/L	0.97	0.97	U	0.98	0.98	U	0.96	0.96	U
Isophorone	ug/L	0.97	0.97	U	0.98	0.98	U	0.96	0.96	U
Isosafrole	ug/L	0.97	0.97	UJ	0.98	0.98	UJ	0.96	0.96	UJ
m,p-Cresols	ug/L	1.9	1.9	UJ	2	2	UJ	1.9	1.9	UJ
Methapyrilene	ug/L	3.9	3.9	U	3.9	3.9	U	3.8	3.8	U
Methyl methanesulfonate	ug/L	0.97	0.97	UJ	0.98	0.98	UJ	0.96	0.96	UJ
Naphthalene	ug/L	0.97	0.97	U	0.98	0.98	U	0.96	0.96	U

Table 2: Location 38 Analytical Results

Semi-Volatile Organic Compounds	Units	38-PRE	MDL	Remark	38-PRE Dup	MDL	Remark	38-POST Results	MDL	Remark
Nitrobenzene	ug/L	1.9	1.9	U	2	2	U	1.9	1.9	U
Nitroquinoline-1-oxide	ug/L	19	19	UJ	20	20	UJ	19	19	UJ
N-Nitrosodiethylamine	ug/L	0.97	0.97	U	0.98	0.98	U	0.96	0.96	U
N-Nitrosodimethylamine	ug/L	1.9	1.9	U	2	2	U	1.9	1.9	U
N-Nitrosodi-n-propylamine	ug/L	1.9	1.9	U	2	2	U	1.9	1.9	U
N-Nitrosodiphenylamine/ Diphenylamine	ug/L	2.9	2.9	U	2.9	2.9	U	2.9	2.9	U
N-Nitrosomethylethylamine	ug/L	1.9	1.9	U	2	2	U	1.9	1.9	U
N-Nitrosomorpholine	ug/L	0.97	0.97	U	0.98	0.98	U	0.96	0.96	U
N-Nitrosopiperidine	ug/L	0.97	0.97	U	0.98	0.98	U	0.96	0.96	U
N-Nitrosopyrrolidine	ug/L	1.9	1.9	U	2	2	U	1.9	1.9	U
o-Cresol	ug/L	1.9	1.9	U	2	2	U	1.9	1.9	U
o-Toluidine	ug/L	0.97	0.97	U	0.98	0.98	U	0.96	0.96	U
Pentachlorobenzene	ug/L	0.97	0.97	U	0.98	0.98	U	0.96	0.96	U
Pentachloroethane	ug/L	49	49	U	49	49	U	48	48	U
Pentachloronitrobenzene	ug/L	0.97	0.97	U	0.98	0.98	U	0.96	0.96	U
Pentachlorophenol	ug/L	2.9	2.9	U	2.9	2.9	U	2.9	2.9	U
Phenacetin	ug/L	3.9	3.9	U	3.9	3.9	U	3.8	3.8	U
Phenanthrene	ug/L	0.97	0.97	U	0.98	0.98	U	0.96	0.96	U
Phenol	ug/L	0.97	0.97	U	0.98	0.98	U	0.96	0.96	U
Pyrene	ug/L	0.97	0.97	U	0.98	0.98	U	0.96	0.96	U
Pyridine	ug/L	3.9	3.9	U	3.9	3.9	U	3.8	3.8	U
Safrole	ug/L	0.97	0.97	U	0.98	0.98	U	0.96	0.96	U
TRPH	mg/L	0.25	0.25	U	0.24	0.24	U	0.24	0.24	U
Pesticides/Herbicides/PCBs	Units	38-PRE	MDL	Remark	38-PRE Dup	MDL	Remark	38-POST Results	MDL	Remark
1,2-Dibromo-3-Chloropropane	ug/L	0.01	0.01	U	0.01	0.01	U	0.01	0.01	U
1,2-Dibromoethane	ug/L	0.01	0.01	U	0.01	0.01	U	0.01	0.01	U
Alachlor	ug/L	0.6	0.6	U	0.6	0.6	U	0.6	0.6	U

Table 2: Location 38 Analytical Results

Pesticides/Herbicides/PCBs	Units	38-PRE	MDL	Remark	38-PRE Dup	MDL	Remark	38-POST Results	MDL	Remark
Aldrin	ug/L	0.01	0.01	U	0.01	0.01	U	0.01	0.01	U
Alpha-BHC	ug/L	0.01	0.01	U	0.01	0.01	U	0.01	0.01	U
Ametryn	ug/L	0.05	0.05	U	0.05	0.05	U	0.05	0.05	U
Atrazine	ug/L	0.05	0.05	U	0.05	0.05	U	0.05	0.05	U
Azinphos Methyl	ug/L	0.2	0.2	UJ	0.2	0.2	UJ	0.2	0.2	UJ
Beta-BHC	ug/L	0.01	0.01	U	0.01	0.01	U	0.01	0.01	U
Bromacil	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
Butylate	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
Chlordane	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
Chlorpyrifos Ethyl	ug/L	0.05	0.05	U	0.05	0.05	U	0.05	0.05	U
Chlorpyrifos Methyl	ug/L	0.1	0.1	U	0.1	0.1	U	0.1	0.1	U
DDD-p,p'	ug/L	0.02	0.02	U	0.02	0.02	U	0.02	0.02	U
DDE-p,p'	ug/L	0.02	0.02	U	0.02	0.02	U	0.02	0.02	U
DDT-p,p'	ug/L	0.03	0.03	U	0.03	0.03	U	0.03	0.03	U
Delta-BHC	ug/L	0.01	0.01	U	0.01	0.01	U	0.01	0.01	U
Diazinon	ug/L	0.05	0.05	U	0.05	0.05	U	0.05	0.05	U
Dieldrin	ug/L	0.02	0.02	U	0.02	0.02	U	0.02	0.02	U
Endosulfan I	ug/L	0.02	0.02	U	0.02	0.02	U	0.02	0.02	U
Endosulfan II	ug/L	0.02	0.02	U	0.02	0.02	U	0.02	0.02	U
Endosulfan Sulfate	ug/L	0.02	0.02	U	0.02	0.02	U	0.02	0.02	U
Endrin	ug/L	0.05	0.05	U	0.05	0.05	U	0.05	0.05	U
Endrin Aldehyde	ug/L	0.02	0.02	U	0.02	0.02	U	0.02	0.02	U
Ethion	ug/L	0.05	0.05	U	0.05	0.05	U	0.05	0.05	U
Ethoprop	ug/L	0.1	0.1	U	0.1	0.1	U	0.1	0.1	U
Fenamiphos	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
Fonofos	ug/L	0.1	0.1	U	0.1	0.1	U	0.1	0.1	U
Gamma-BHC	ug/L	0.01	0.01	U	0.01	0.01	U	0.01	0.01	U
Heptachlor	ug/L	0.01	0.01	U	0.01	0.01	U	0.01	0.01	U
Heptachlor Epoxide	ug/L	0.02	0.02	U	0.02	0.02	U	0.02	0.02	U

Table 2: Location 38 Analytical Results

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Table 2: Location 38 Analytical Results

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Table 2: Location 38 Analytical Results

Radionuclides	Units	38-PRE	MDL	Remark	38-PRE Dup	MDL	Remark	38-POST Results	MDL	Remark
Alpha, Total	pCi/L	1.7		U	2.1			1.6		U
Alpha-Counting Error	pCi/L	1.2			1.3			0.9		
Beta, Total	pCi/L	2.3		U	2.6			1.8		U
Beta-Counting Error	pCi/L	1.4			1.2			1.1		
Radium 226	pCi/L	0.3			1.6			0.2		
Radium 226-Counting Error	pCi/L	0.1			0.2			0.1		
Radium 228	pCi/L	0.8		U	0.8		U	0.8		U
Radium 228-Counting Error	pCi/L	0.5			0.6			0.5		
Additional Analytes	Units	38-PRE	MDL	Remark	38-PRE Dup	MDL	Remark	38-POST Results	MDL	Remark
1,4-Dioxane	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
NO2NO3-N	mg N/L	0.004	0.004	U	0.004	0.004	U	0.004	0.004	U
Perchlorate	ug/L	0.6	0.6	U	0.6	0.6	U	0.3	0.3	U

0.8 Gray shading indicates analyte was detected at a concentration below any applicable Florida Drinking Water Standard or Groundwater Cleanup Target Level.

256 Yellow shading indicates analyte was detected at a concentration exceeding either a Florida Drinking Water Standard or Groundwater Cleanup Target Level.

Location 75

Table 1: Summary of FDWS/GCTLs Exceedances and Radionuclides in Water Samples Collected Pre- and Post-Treatment from Location 75
April 2010
The Acreage Community, Loxahatchee, Palm Beach County, Florida
FDEP Site Investigation

Analyte	FDWS/GCTL	75-Pre	75-Post
Exceedances			
None			
Radionuclides			
Total Alpha	15pCi/L (FPDWS)	ND	2.7
Radium 226/228	5 pCi/L (FPDWS)	1.1	0.8
Total Beta	50 pCi/L (FDEPSL)	ND	4.0
No Exceedances for Radionuclides			

FDWS=Florida Drinking Water Standard

GCTL=Ground Water Cleanup Target Level

FPDWS= Florida Primary Drinking Water Standard

FSDWS=Florida Secondary Drinking Water Standard

FDEPSL=FDEP Screening Level

ND=Non Detect

NA=Not Analyzed

Gray Shading= Analyte Detected

Yellow Shading=Exceedance of FDWS/GCTL

ug/L= micrograms per Liter

pCi/L=picocuries per Liter

mg/L=milligrams per Liter

Table 2: Location 75 Analytical Results

Volatile Organic Compounds	Units	75-PRE Results	MDL	Remark	75-PRE Dup Results	MDL	Remark	75-POST Results	MDL	Remark
1,1,1-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
1,1,2,2-Tetrachloroethane	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
1,1,2-Trichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
1,1-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
1,2-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
1,2-Dichloroethane	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
1,2-Dichloropropane	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
1,3-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
1,4-Dichlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
2-Butanone	ug/L	5	5	UJ	5	5	UJ	5	5	UJ
Benzene	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
Bromodichloromethane	ug/L	5	5	UJ	5	5	UJ	5	5	UJ
Bromoform	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
Bromomethane	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
Carbon tetrachloride	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
Chlorobenzene	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
Chloroethane	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
Chloroform	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
Chloromethane	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
cis-1,2-Dichloroethene	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
cis-1,3-Dichloropropene	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
Dibromochloromethane	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
Ethylbenzene	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
m,p-Xylene	ug/L	0.2	0.2	UJ	0.2	0.2	UJ	0.2	0.2	UJ
Methylene chloride	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
Methyl-t-butyl ether	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
o-Xylene	ug/L	0.5	0.5	UJ	0.5	0.5	U	0.5	0.5	U
Tetrachloroethene	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U

Table 2: Location 75 Analytical Results

Volatile Organic Compounds	Units	75-PRE Results	MDL	Remark	75-PRE Dup Results	MDL	Remark	75-POST Results	MDL	Remark
Toluene	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
trans-1,2-Dichloroethene	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
trans-1,3-Dichloropropene	ug/L	0.2	0.2	UJ	0.2	0.2	UJ	0.2	0.2	UJ
Trichloroethene	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
Trichlorofluoromethane	ug/L	0.5	0.5	UJ	0.5	0.5	UJ	0.5	0.5	UJ
Vinyl chloride	ug/L	0.5	0.5	U	0.5	0.5	U	0.5	0.5	U
Semi-Volatile Organic Compounds	Units	75-PRE Results	MDL	Remark	75-PRE Dup Results	MDL	Remark	75-POST Results	MDL	Remark
1,2,4,5-Tetrachlorobenzene	ug/L	0.94	0.94	U	0.95	0.95	U	1	1	U
1,2,4-Trichlorobenzene	ug/L	0.94	0.94	U	0.95	0.95	U	1	1	U
1,3,5-Trinitrobenzene	ug/L	3.8	3.8	UJ	3.8	3.8	UJ	4	4	UJ
1,3-Dinitrobenzene	ug/L	1.9	1.9	UJ	1.9	1.9	UJ	2	2	UJ
1,4-Naphthoquinone	ug/L	19	19	U	19	19	U	20	20	U
1-Methylnaphthalene	ug/L	9.4	9.4	UJ	9.5	9.5	UJ	10	10	UJ
1-Naphthylamine	ug/L	1.9	1.9	U	1.9	1.9	U	2	2	U
2,3,4,6-Tetrachlorophenol	ug/L	0.94	0.94	U	0.95	0.95	U	1	1	U
2,4,5-Trichlorophenol	ug/L	0.94	0.94	U	0.95	0.95	U	1	1	U
2,4,6-Trichlorophenol	ug/L	0.94	0.94	U	0.95	0.95	U	1	1	U
2,4-Dichlorophenol	ug/L	9.4	9.4	U	9.5	9.5	U	10	10	U
2,4-Dimethylphenol	ug/L	14	14	U	14	14	U	15	15	U
2,4-Dinitrophenol	ug/L	0.94	0.94	U	0.95	0.95	U	1	1	U
2,4-Dinitrotoluene	ug/L	0.94	0.94	U	0.95	0.95	U	1	1	U
2,6-Dichlorophenol	ug/L	0.94	0.94	U	0.95	0.95	U	1	1	U
2,6-Dinitrotoluene	ug/L	0.94	0.94	UJ	0.95	0.95	UJ	1	1	UJ
2-Acetylaminofluorene	ug/L	0.94	0.94	U	0.95	0.95	U	1	1	U
2-Butanone	ug/L	0.94	0.94	U	0.95	0.95	U	1	1	U
2-Chloronaphthalene	ug/L	2.8	2.8	U	2.9	2.9	U	3	3	U
2-Chlorophenol	ug/L	0.94	0.94	U	0.95	0.95	U	1	1	U
2-Methyl-4,6-dinitrophenol	ug/L	0.94	0.94	U	0.95	0.95	U	1	1	U

Table 2: Location 75 Analytical Results

Semi-Volatile Organic Compounds	Units	75-PRE Results	MDL	Remark	75-PRE Dup Results	MDL	Remark	75-POST Results	MDL	Remark
2-Methylnaphthalene	ug/L	0.94	0.94	U	0.95	0.95	U	1	1	U
2-Naphthylamine	ug/L	9.4	9.4	U	9.5	9.5	U	10	10	U
2-Nitroaniline	ug/L	0.94	0.94	U	0.95	0.95	U	1	1	U
2-Nitrophenol	ug/L	0.94	0.94	U	0.95	0.95	U	1	1	U
2-Picoline	ug/L	0.94	0.94	U	0.95	0.95	U	1	1	U
3,3'-Dichlorobenzidine	ug/L	38	38	U	38	38	U	40	40	U
3,3'-Dimethylbenzidine	ug/L	19	19	UJ	19	19	UJ	20	20	UJ
3-Methylcholanthrene	ug/L	0.94	0.94	UJ	0.95	0.95	U	1	1	U
3-Nitroaniline	ug/L	0.94	0.94	UJ	0.95	0.95	U	1	1	U
4-Aminobiphenyl	ug/L	3.8	3.8	UJ	3.8	3.8	UJ	4	4	UJ
4-Bromophenyl phenyl ether	ug/L	0.94	0.94	U	0.95	0.95	U	1	1	U
4-Chloro-3-methylphenol	ug/L	0.94	0.94	U	0.95	0.95	U	1	1	U
4-Chloroaniline	ug/L	0.94	0.94	U	0.95	0.95	U	1	1	U
4-Chlorophenyl phenyl ether	ug/L	1.9	1.9	U	1.9	1.9	U	2	2	U
4-Nitroaniline	ug/L	0.94	0.94	UJ	0.95	0.95	UJ	1	1	UJ
4-Nitrophenol	ug/L	14	14	U	14	14	U	15	15	U
5-Nitro-o-toluidine	ug/L	0.94	0.94	UJ	0.95	0.95	UJ	1	1	UJ
7,12-Dimethylbenz(a)anthracene	ug/L	0.94	0.94	UJ	0.95	0.95	UJ	1	1	UJ
Acenaphthene	ug/L	0.94	0.94	U	0.95	0.95	U	1	1	U
Acenaphthylene	ug/L	0.94	0.94	U	0.95	0.95	U	1	1	U
Acetophenone	ug/L	0.94	0.94	U	0.95	0.95	U	1	1	U
Acifluorfen	ug/L	0.2	0.2	U	0.2	0.2	U	0.21	0.21	U
Aniline	ug/L	0.94	0.94	U	0.95	0.95	U	1	1	U
Anthracene	ug/L	0.94	0.94	U	0.95	0.95	U	1	1	U
Azobenzene/1,2-Diphenylhydrazine	ug/L	0.94	0.94	U	0.95	0.95	U	1	1	U
Benzidine	ug/L	94	94	U	95	95	U	100	100	U
Benzo(a)anthracene	ug/L	0.94	0.94	U	0.95	0.95	U	1	1	U
Benzo(a)pyrene	ug/L	0.94	0.94	U	0.95	0.95	U	1	1	U
Benzo(b)fluoranthene	ug/L	0.94	0.94	U	0.95	0.95	U	1	1	U

Table 2: Location 75 Analytical Results

Semi-Volatile Organic Compounds	Units	75-PRE Results	MDL	Remark	75-PRE Dup Results	MDL	Remark	75-POST Results	MDL	Remark
Benzo(g,h,i)perylene	ug/L	0.94	0.94	U	0.95	0.95	U	1	1	U
Benzo(k)fluoranthene	ug/L	0.94	0.94	U	0.95	0.95	U	1	1	U
Benzyl alcohol	ug/L	0.94	0.94	U	0.95	0.95	U	1	1	U
Bis(2-chloroethoxy)methane	ug/L	0.94	0.94	U	0.95	0.95	U	1	1	U
Bis(2-chloroethyl)ether	ug/L	0.94	0.94	U	0.95	0.95	U	1	1	U
Bis(2-chloroisopropyl)ether	ug/L	2.8	2.8	U	2.9	2.9	U	3	3	U
Bis(2-ethylhexyl)phthalate	ug/L	14	14	U	14	14	U	15	15	U
Butyl benzyl phthalate	ug/L	4.7	4.7	U	4.8	4.8	U	5.1	5.1	U
Carbazole	ug/L	0.94	0.94	U	0.95	0.95	U	1	1	U
Chrysene	ug/L	0.94	0.94	U	0.95	0.95	U	1	1	U
Dibenzo(a,h)anthracene	ug/L	0.94	0.94	U	0.95	0.95	U	1	1	U
Dibenzofuran	ug/L	0.94	0.94	U	0.95	0.95	U	1	1	U
Diethyl phthalate	ug/L	9.4	9.4	U	9.5	9.5	U	10	10	U
Dimethyl phthalate	ug/L	0.94	0.94	U	0.95	0.95	U	1	1	U
Dimethylaminoazobenzene	ug/L	4.7	4.7	U	4.8	4.8	U	5.1	5.1	U
Di-n-butyl phthalate	ug/L	0.94	0.94	U	0.95	0.95	U	1	1	U
Di-n-octyl phthalate	ug/L	3.8	3.8	UJ	3.8	3.8	UJ	4	4	UJ
Dinoseb	ug/L	0.94	0.94	U	0.95	0.95	U	1	1	U
Ethyl methanesulfonate	ug/L	0.94	0.94	U	0.95	0.95	U	1	1	U
Fluoranthene	ug/L	0.94	0.94	U	0.95	0.95	U	1	1	U
Fluorene	ug/L	0.94	0.94	U	0.95	0.95	U	1	1	U
Hexachlorobenzene	ug/L	2.8	2.8	U	2.9	2.9	U	3	3	U
Hexachlorobutadiene	ug/L	2.8	2.8	UJ	2.9	2.9	UJ	3	3	UJ
Hexachlorocyclopentadiene	ug/L	2.8	2.8	U	2.9	2.9	U	3	3	U
Hexachloroethane	ug/L	1.9	1.9	U	1.9	1.9	U	2	2	U
Hexachloropropene	ug/L	0.94	0.94	U	0.95	0.95	U	1	1	U
Indeno(1,2,3-cd)pyrene	ug/L	0.94	0.94	U	0.95	0.95	U	1	1	U
Isophorone	ug/L	0.94	0.94	UJ	0.95	0.95	UJ	1	1	UJ
Isosafrole	ug/L	0.94	0.94	U	0.95	0.95	U	1	1	U

Table 2: Location 75 Analytical Results

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Table 2: Location 75 Analytical Results

Pesticides/Herbicides/PCBs	Units	75-PRE Results	MDL	Remark	75-PRE Dup Results	MDL	Remark	75-POST Results	MDL	Remark
1,2-Dibromo-3-Chloropropane	ug/L	0.01	0.01	U	0.01	0.01	U	0.01	0.01	U
1,2-Dibromoethane	ug/L	0.01	0.01	U	0.01	0.01	U	0.01	0.01	U
2,4,5-T	ug/L	0.2	0.2	U	0.2	0.2	U	0.21	0.21	U
2,4-D	ug/L	0.2	0.2	UJ	0.2	0.2	U	0.21	0.21	U
Alachlor	ug/L	0.6	0.6	U	0.57	0.57	U	0.59	0.59	U
Aldrin	ug/L	0.01	0.01	U	0.0095	0.0095	U	0.0099	0.0099	U
Alpha-BHC	ug/L	0.01	0.01	U	0.0095	0.0095	U	0.0099	0.0099	U
Ametryn	ug/L	0.05	0.05	U	0.048	0.048	U	0.049	0.049	U
Atrazine	ug/L	0.05	0.05	U	0.048	0.048	U	0.049	0.049	U
Azinphos Methyl	ug/L	0.2	0.2	UJ	0.19	0.19	UJ	0.2	0.2	UJ
Beta-BHC	ug/L	0.01	0.01	U	0.0095	0.0095	U	0.0099	0.0099	U
Bromacil	ug/L	0.2	0.2	U	0.19	0.19	U	0.2	0.2	U
Butylate	ug/L	0.2	0.2	U	0.19	0.19	U	0.2	0.2	U
Chlordane	ug/L	0.2	0.2	U	0.19	0.19	U	0.2	0.2	U
Chlorpyrifos Ethyl	ug/L	0.05	0.05	U	0.048	0.048	U	0.049	0.049	U
Chlorpyrifos Methyl	ug/L	0.1	0.1	U	0.095	0.095	U	0.099	0.099	U
DDD-p,p'	ug/L	0.02	0.02	U	0.019	0.019	U	0.02	0.02	U
DDE-p,p'	ug/L	0.02	0.02	U	0.019	0.019	U	0.02	0.02	U
DDT-p,p'	ug/L	0.03	0.03	U	0.029	0.029	U	0.03	0.03	U
Delta-BHC	ug/L	0.01	0.01	U	0.0095	0.0095	U	0.0099	0.0099	U
Diazinon	ug/L	0.05	0.05	UJ	0.048	0.048	UJ	0.049	0.049	UJ
Dieldrin	ug/L	0.02	0.02	U	0.019	0.019	U	0.02	0.02	U
Endosulfan I	ug/L	0.02	0.02	U	0.019	0.019	U	0.02	0.02	U
Endosulfan II	ug/L	0.02	0.02	U	0.019	0.019	U	0.02	0.02	U
Endosulfan Sulfate	ug/L	0.02	0.02	U	0.019	0.019	U	0.02	0.02	U
Endrin	ug/L	0.05	0.05	U	0.048	0.048	U	0.049	0.049	U
Endrin Aldehyde	ug/L	0.02	0.02	U	0.019	0.019	U	0.02	0.02	U
Ethion	ug/L	0.05	0.05	U	0.048	0.048	U	0.049	0.049	U
Ethoprop	ug/L	0.1	0.1	U	0.095	0.095	U	0.099	0.099	U

Table 2: Location 75 Analytical Results

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Table 2: Location 75 Analytical Results

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Table 2: Location 75 Analytical Results

Radionuclides	Units	75-PRE Results	MDL	Remark	75-PRE Dup Results	MDL	Remark	75-POST Results	MDL	Remark
Alpha, Total	pCi/L	3.3		U	2.1		U	2.7		
Alpha-Counting Error	pCi/L	2.1			1.4			1.9		
Beta, Total	pCi/L	3.7		U	2.7		U	4		
Beta-Counting Error	pCi/L	2.3			1.7			2.2		
Radium 226	pCi/L	1.1			0.9			0.8		
Radium 226-Counting Error	pCi/L	0.2			0.2			0.2		
Radium 228	pCi/L	0.9		U	0.8		U	0.8	U	
Radium 228-Counting Error	pCi/L	0.6			0.5			0.5		
Additional Analytes	Units	75-PRE Results	MDL	Remark	75-PRE Dup Results	MDL	Remark	75-POST Results	MDL	Remark
1,4-Dioxane	ug/L	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
NO2NO3-N	mg N/L	0.007	0.004	I	0.004	0.004	U	0.004	0.004	U
Perchlorate	ug/L	1.2	1.2	U	1.2	1.2	U	1.2	1.2	U

0.8 Gray shading indicates analyte was detected above the laboratories method detection limit but at a concentration below any applicable Florida Drinking Water Standard or Groundwater Cleanup Target Level.

256 Yellow shading indicates analyte was detected above the laboratories method detection limit at a concentration exceeding either a Florida Drinking Water Standard or Groundwater Cleanup Target Level.