

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 29

Seminole Improvement
District Point-of-Entry
(SID P.O.E.)

**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

[illegible]

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.