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Supplemental Site Assessment Report
&
Remedial Action Plan

September 28, 2015

Florida Power & Light Company
Former Cutler Power Plant Property
HWR-442/File-16360/IW-79
Miami, Florida

Prepared for:
Florida Power & Light Company
700 Universe Boulevard
Juno Beach, Florida 33408

Geological Certification

The geological services addressed herein, as defined in Chapter 492, Florida Statutes and in accordance with applicable provisions of Chapter 62-780 of the Florida Administrative Code, have been performed by and under the responsible charge of the professional geologist named below. These geological services are based upon the named professional's knowledge, information and belief, and in accordance with commonly accepted procedures consistent with applicable standards of practice. This certification is not a guaranty or warranty, either expressed or implied.

Ben T. Foster, P.G., Principal Hydrogeologist
Florida Professional Geologist No. 1872

Date: September 27, 2015

Professional Certification

I, Vivek S. Kamath, P.E., Florida Professional Engineer No. 42618, registered in the State of Florida, in accordance with the requirements of Chapter 471, Florida Statutes, hereby, certify I am competent through education and experience to provide the engineering services described in this document. The Remedial Action Plan in this document was prepared under my responsible charge, and meets the requirements of Miami-Dade County Code Chapter 24-11, and Chapter 62-780, Florida Administrative Code for remediation of soils and groundwater impacted from the former Cutler power plant owned and operated by the Florida Power and Light Company. The remediation strategies proposed for the former power plant parcel are consistent with commonly accepted engineering practices, and meet the intended purpose. Our professional services have been performed using the degree of care and skill ordinarily exercised under similar circumstances by registered professionals practicing in the field of engineering. The certification contained herein applies only to the original document and does not pertain to copies of this document or any portion thereof including, but not limited to mylars, linen, sepia, or other materials which can be changed by the entity with whom such documents are filed. No other representation, expressed or implied, is made as to the professional content in this report.

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No 42618
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Vivek S. Kamath, P.E.
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Expires February 28, 2017

9/28/15
Date

Table of Contents

1. Introduction

2. Background Information

2.1 Site Setting

2.2 Site and Area History

2.3 Geology and Hydrogeology

2.4 Well Survey

2.5 Wetland Delineation

2.6 Cutler Parcels and Administrative Areas

3. Site Assessment

3.1 Previous Assessment Results

3.2 Recent Assessment Results

3.3 Cumulative Soil Assessment Results

3.4 Cumulative Groundwater Assessment Results

3.5 Assessment Conclusions

4. Remedial Action Plan

4.1 Corrective Action Plan for Soil Impacts

4.2 Corrective Action Report

4.3 Groundwater Remediation

4.4 Monitoring Only Plan

4.5 Implimentation of Institutional Controls

Figures

1	Site Vicinity Map
2	USGS Site Location Map
3	Former Site Features Location Map
B1 and B2	Groundwater Elevation Maps
D1 and D2	Wetland Information
4	Cutler Parcels and Administrative Areas
5	Soil Sample Location Map

6	Monitoring Well Location Map
E1	Recent Soil and Groundwater Sample Locations
F1 - F8	Cumulative Soil Results
F9 and F10	Cumulative Groundwater Results
Figure 7	Assessment Results Summary

Tables

1	Well Construction Details
B1	Groundwater Elevation Data
E1, E2 and E3	Recent Soil Results
E4	Recent Groundwater Results
F1A-F1E	Cumulative Soil Results
F2	Cumulative Groundwater Results

Appendices

A	Photographs of Cutler
B	Groundwater Elevation Data
C	Well Survey Information
D	Wetland Information
E	2015 Assessment Results
F	Cumulative Soil and Groundwater Results
G	Remedial Action Plan Details

1. Introduction

This Supplemental Site Assessment Report and Remedial Action Plan (SSAR & RAP) is provided for the Florida Power & Light Company (FPL) former Cutler Power Plant property (Cutler). This document has been prepared to assist the Miami-Dade County Department of Regulatory and Economic Resources-Division of Environmental Resources Management (DERM) with an efficient review of the site assessment data and proposed remedial activities. The information presented herein is based on extensive work performed at Cutler and on the numerous reports, correspondence and meetings conducted between FPL and DERM. The list below summarizes the key documents that are associated with the completion of the site assessment, remedial action plan and the preparation of this SSAR & RAP.

- Cutler Power Plant Closure Plan, March 22, 2013;
- Assessment Activities, June 24, 2013;
- Background Arsenic Study, November 6, 2013;
- DERM comments to Background Study, January 7, 2014;
- Site Assessment Report (SAR), February 7, 2014;
- Response to DERM 1-7-14 comments, February 27, 2014;
- Miami Dade County Background Study, April 28, 2014;
- DERM comments to SAR, June 16, 2014;
- Response to DERM 6-16-14 comments, August 4, 2014;
- DERM comments to 8-4-14 response, August 27, 2014;
- Site Assessment Report Addendum (SARA), August, 29, 2014;
- Focused Remedial Action Plan, August 29, 2014;
- DERM comments to SARA, October 17, 2014;
- Response to DERM 10-17-14 comments, October 31, 2014;
- Wetland Maps and Engineering Control Information, November 24, 2014;
- Additional Wetland and Engineering Control Information, November 25, 2014;
- DERM request for Additional Information, November 26, 2014;
- Revised Wetland Survey Map, November 26, 2014;
- DERM comments to 10-31-14 response, November 26, 2014;
- Sampling Maps and Wetland Contours, December 10, 2014;
- Revised Remedial Action Plan, December 12, 2014;
- DERM Clarification of On-Site and Off-Site Issues, December 15, 2014;
- Response to DERM 11-26-14 request, December 17, 2014;
- DERM comments to Revised RAP, January 9, 2015;
- Response to DERM 1-9-15 comments, March 6, 2015;
- Delineation Soil Sampling Plan, June 2, 2015; and
- DERM comments to Delineation Plan, August 17, 2015.

The site assessment results and proposed remediation work for the onsite impacts meet the criteria of Chapter 24, Code of Miami-Dade County and Chapter 62-780, Florida Administrative Code (F.A.C.) and supports a site closure under Risk Management Options. Based on the results of the site assessment activities completed to date, a remediation strategy is proposed in the later sections in order transition the property for beneficial reuse.

Extensive soil and groundwater assessment work has been conducted at Cutler since February 2013. The assessment work found constituents of concern (COCs) such as arsenic and vanadium. These compounds were also detected near the northern property boundary and DERM has acknowledged that the completion of onsite activities may proceed separately while FPL works to address offsite issues.

2. Background Information

The following sections summarize the technical and historical aspects of the site and surrounding area. This information was also provided in previous documents.

2.1 Site Setting

The Cutler property covers approximately 82 acres and is located at 14925 SW 67th Avenue, in eastern Miami-Dade County, Florida. **Appendix A** contains photographs of the Cutler property. **Figure 1** shows an aerial view of Cutler and **Figure 2** is an USGS topographic quadrangle map (South Miami SE, USGS Quadrangle; photo revised 1997). Cutler is bordered to the north by residential properties, to the east and southeast by surface waters contiguous with Biscayne Bay, to the south by SW 152nd Street (Coral Reef Drive), and to the west by SW 67th Avenue (Ludlum Road). Cutler is located west of Paradise Point on Biscayne Bay, 15 miles south of Miami. It is situated on the marl and peat-veneered seaward slope of the Atlantic Coastal Ridge the crest of which lies approximately 1½ miles west of Cutler. The area's topographic setting is dominated by paleo sand bars, limestone ridges, and tidal-cut channels. The relief in the vicinity of Cutler gently slopes toward Biscayne Bay and the elevation generally ranges from 5 to 15 feet above the National Geodetic Vertical Datum (NGVD). The Cutler area lies between two major inland drainage canals used to regulate fresh water levels and to prevent saltwater intrusion.

2.2 Site and Area History

A long history of development and anthropogenic activity has occurred at Cutler and the surrounding area. The land was altered and improved by dredge-and-fill activities conducted mostly from the mid-1940s to the mid-1970s. This includes the residential development to the north of Cutler. The land located northeast of Cutler however was in use long before the 1940s. This includes the former World War I Chapman Army Airfield. In 1923 the United States Department of Agriculture began using 160 acres of the Chapman property as a plant introduction garden.

The former Cutler power plant began operation in 1949 and continued until 2012. The plant utilized oil-fired steam power-generating units in its early history and then gas-fired units were used for the later stages of operation. All of the units were located in the power block area. A switchyard/substation is located immediately north of the power block and remains energized and in service. The locations of former site features are shown on **Figure 3**. Source removal activities were conducted at Cutler approximately 20 years ago. A large amount of ash and oil impacted soil was removed from the site and transported to an appropriate off-site disposal facility. The groundwater assessment results, to be discussed later, indicate that the source removal work have helped prevent groundwater impacts from migrating offsite.

The most common environmental impacts found at older oil fired power plants such as Cutler come from historic releases of fuel oil, ash residue produced from the combustion of oil, and the application of herbicides that contained arsenic. The primary constituents of concern (COCs) from these sources include arsenic, vanadium, nickel, and total recoverable petroleum hydrocarbons (TRPH). Other compounds commonly present such as polynuclear aromatic hydrocarbons (PAHs), antimony and polychlorinated biphenyls (PCBs) are usually detected in low concentration and with less frequency.

2.3 Geology and Hydrogeology

The near-surface soils at Cutler were extensively altered during the original plant construction activities. Various fill materials composed of mixtures of sand, shell and limestone fragments were used. The fill material generally extends from the surface to about 3 feet below land surface (bls) on the eastern portion of the property and to about 10 ft bls on the western portion. Underlying the fill on the eastern portion is an approximate 1 foot layer of silty sand and clay which overlies about 1 to 2 feet of peat. Underlying the fill material and surficial sediments of the overall site area, alternating beds of limestone, sand, and sandstone are present to about 150 ft bls. The Biscayne aquifer also extends to about 150 ft bls in the Cutler area.

According to the USGS and G.G. Parker, et al, 1955, the permeability of the Biscayne aquifer ranges between 50,000 and 70,000 gal/ft^2/day and it has an average transmissivity is 5 x 10^6 gpd/ft. The aquifer's high range of permeability is attributable to the weathered zones of the limestone. A slug test was previously performed on a shallow monitoring well located in the former waste treatment area at Cutler and the transmissivity was reported to be 97-ft^2/day. The regional flow of surface water and groundwater is generally eastward toward Biscayne Bay. The local flow direction, however, is influenced by canals, tidal fluctuations, rainfall, and consumptive use of groundwater.

The depth to groundwater at Cutler was generally found to be between 2 to 15 feet bls depending on the specific location on the property and the tidal cycle. Some higher and lower measurements were also observed. An upward vertical hydraulic gradient was predominantly observed at Cutler regardless of the tide cycle. This is expected due to the regional hydrogeologic discharge zone associated with coastal areas. The average horizontal hydraulic gradient observed for Cutler during high tide was calculated to be 0.003 ft/ft towards the northwest and the gradient for low tide was calculated to be 0.002 ft/ft towards the southeast. It is believed however that there is a slight groundwater gradient towards the southeast most of the time. **Figures B1**, **B2** and **Table B1** of **Appendix B** summarize the groundwater elevation data obtained for Cutler.

2.4 Well Survey

A well survey was performed for the site and surrounding areas. This survey consisted of reviewing the Miami-Dade County Municipal Wellfield Protection Zone Map, well completion reports available from the South Florida Water Management District (SFWMD), records of the Department of Health Super Act database, and the performance of pedestrian and windshield survey activities in the immediate vicinity to evaluate the presence or absence of iron staining on pavement, buildings, or fixtures that is indicative of irrigation using on-site well water. A well data search was also performed and the results are provided in **Appendix C**.

The results of the well survey are summarized below:

- Five shallow wells are located one-half mile west and upgradient of Cutler on the north side of Coral Reef Drive or S.W. 152nd Street. These wells previously supplied service and boiler makeup water for the power plant.
- The Miami-Dade Water and Sewer Authority have three water supply wells at the King's Bay Water Treatment Plant, located approximately one-half mile northwest and upgradient Cutler. The wells operate only during periods of peak water demand.
- The review of permitted well data from the SFWMD and DOH Super Act Well database indicated that one private potable well is present within ¼ mile of Cutler.
- Pedestrian and windshield survey of residences and structures within ¼ mile of Cutler did not reveal evidence of private wells utilized for irrigation purposes.

2.5 Wetland Delineation

In order to identify and delineate wetland species on the Cutler property, a wetland survey was completed during 2015. This survey is included in **Appendix D,** as **Figure D1.** Although historical information shows that Cuter and the surrounding area were largely man-made, some areas along the eastern portion of the property and along the canals contain wetland species. A 1938 aerial photo, presented as **Figure D2** in **Appendix D**, shows the conversion of the east side of the Cutler tract dating to the 1930s. Since that time, the east side has supported facility needs including the establishment of access roads, paved parking areas, and a boat ramp. Some plant species that can be indicative of wetlands were observed in isolated areas on the far eastern side of the property. The survey showed that the areas total about 0.1 acre.

From September 2014 to August 2015, representatives of FPL and the Coastal and Wetland Resources Section at DERM conducted a series of site visits and exchanged correspondence concerning vegetative species, surveys, mapping, jurisdictional wetland delineation, numerous survey revisions and potential procedures to be implemented during the proposed remedial action work at Cutler. Based on these efforts, the proposed remediation work will not impact the wetlands on-site.

FPL is proposing the following strategy:

- A buffer will be maintained from the delineated wetlands;
- Remedial activities will not affect the mangroves along the canal. As agreed to by DERM , FPL will utilize the services of a Professional Mangrove Trimmer (PMT) to ensure that the mangroves or other protected vegetation which may overhang construction areas are managed in accordance with state and county regulations;
- An erosion and sediment control plan will be developed prior to commencement of remediation activities. This will include designation of staging areas and truck routes to ensure that construction materials and debris do not encroach beyond the top-of-bank and down slope below the mean high water line.

2.6 Cutler Parcels and Administrative Areas

The Cutler property will be reparceled and divided into administrative areas to facilitate the completion of onsite work and the implementation of engineering and institutional controls. An operating electrical

substation is located towards the north-central portion of Cutler. This substation will continue to be owned and operated by FPL through the foreseeable future and will be a stand-alone property separate from the Cutler site. Assessment and remediation plans for the substation parcel will be submitted by FPL under separate cover. DERM has agreed that the closure of the substation site will be completed using institutional and engineering controls.

Figure 4 shows the parcel boundaries and administrative areas proposed for Cutler which relate to the site closure options. The areas include the FPL Substation, proposed Unrestricted Use areas located on the far western and southern portions of Cutler, and the proposed Engineering Control area comprising the remaining property. The RAP section in this report describes the environmental work that will allow for the transition of the Cutler property for beneficial reuse. A placement of a cap in the area designated for Engineering Control area is proposed for obtaining closure with institutional and engineering controls under Risk Management Option II, as referenced in Chapter 62-780, F.A.C. The assessment results indicate that the Unrestricted Use area can be closed without restrictions for soil or groundwater.

3. Site Assessment

Site assessment activities were performed at Cutler from February 2013 to September 2015. The comprehensive assessment included the analysis of approximately 1,100 soil samples and 60 groundwater samples. **Figure 5** shows the soil sampling locations and **Figure 6** shows the groundwater sampling locations. An evaluation of the laboratory results showed exceedances of the soil cleanup target levels (SCTLs) and groundwater cleanup target levels (GCTLs) listed in Chapter 62-777, Florida Administrative Code (F.A.C.). The primary COCs detected in the soil and groundwater included arsenic and vanadium. Other compounds were also detected such as TRPH, PAHs, nickel, antimony, and volatile organic compounds (VOCs) but they were not as significant.

Details concerning the assessment results for Cutler were previously provided within the Assessment Activities document dated June 24, 2013, the SAR dated February 7, 2014, the SARA dated August, 29, 2014 and the revised RAP dated December 12, 2014. This information is again summarized below followed by a description of the recent assessment activities.

3.1 Previous Assessment Activities

The characterization of site soils was accomplished from the laboratory analysis of soil samples collected from direct push and hollow stem auger drilling equipment. Stainless steel hand augers were also used to collect surface soil samples at many locations. All sampling equipment was properly decontaminated between sample locations. Work was conducted in accordance with FDEP Standard Operating Procedures FS-3000 provided in Chapter 62-160, F.A.C. The analysis was performed by National Environmental Laboratory Accreditation Program (NELAP) certified environmental laboratories. The majority of the soil analysis included TRPH by the FL-PRO method; arsenic, antimony, nickel and vanadium by method SW846/6010B; and for PAHs by EPA Method 8270, and volatile organic compounds (VOCs) by EPA Method 8260.

The initial assessment work performed at Cutler focused on characterizing the property as a whole. These results were detailed in the Assessment Activities report dated June 24, 2013 and the SAR dated February 7, 2014. The next phase of assessment work focused on select locations near the property boundaries and within the interior of the property. These results were detailed in the SARA dated August, 29, 2014. Later assessment work was conducted as requested by DERM and focused on the area south of the former fuel pipeline located upland of the canal. This work was needed to confirm that COCs (primarily arsenic) decreased in concentration towards the mangrove area. These results were detailed in the Revised RAP dated December 12, 2014.

The characterization of groundwater at Cutler was accomplished using a network of monitoring wells installed by Florida licensed water well contractors and hollow stem augers. Shallow monitoring wells were constructed with 10 feet of 2-inch diameter schedule 40 PVC 0.01 inch slotted well screen that intersected the water table and extended to depths between 11 and 22 ft bls. The deeper monitoring wells were constructed with 5 feet of 2-inch diameter schedule 40 PVC 0.01 inch slotted well screen and extended to depths ranging from 45 to 70 ft bls. The annular space of each of the well boreholes was filled with a sand filter pack to approximately two feet above the well screen and a fine sand/bentonite was placed on top of the sand pack. The remainder of the borehole was filled with neat cement/grout to land surface. The wells were completed at the surface with concrete pads with 8-inch steel man-ways and fitted with water tight locking caps. The top-of-casing (TOC) elevations of the site monitoring wells were surveyed by Cousins Surveyors and Associates relative to North American Vertical Datum of 1988 (NAVD 88). The well construction details are summarized in **Table 1**. Groundwater samples were collected in accordance with FDEP-SOP-001/01 FS 2200 and the analysis was performed by NELAC certified environmental laboratories for TRPH by the FL-PRO method; metals (arsenic, antimony, nickel and vanadium) by method SW846/6010B; and PAHs by EPA Method 8270.

3.2 Recent Assessment Activities

The assessment results obtained during 2015 are detailed in **Appendix E**. This work included additional soil and groundwater assessment within the central portion of Cutler. This work was discussed with DERM and performed to better characterize the areas proposed for reparceling. In May and July 2015, 207 soil samples were collected from 49 soil borings. The soil samples were collected in accordance with FDEP Standard Operating Procedures (SOP) FS-3000, as provided by Chapter 62-160, F.A.C., at depths between land surface and 10 ft bls. The collected soil samples were analyzed at a NELAC certified environmental laboratory. The majority of the samples were analyzed for arsenic and PAHs; however TRPH, nickel and vanadium were also analyzed for selected locations. The analytical suite was dictated by previous results from nearby sample locations.

Two additional monitoring wells were installed at Cutler to evaluate the groundwater quality in the central area of the property. The wells were installed using hollow stem augers and constructed with 10 feet of 2-inch diameter schedule 40 PVC 0.01 inch slotted well screen that extended to 15 ft bls. The wells were sampled in accordance with FDEP-SOP-001/01 FS 2200 and the analysis was performed by a NELAC certified environmental laboratory for arsenic and vanadium by method SW846/6010B. Additionally, samples from the wells were analyzed for PAHs by EPA Method 8270 and TRPH by FL-PRO. The analytical results are provided in **Appendix E** along with the chains of custody and groundwater sampling

logs. **Appendix E Figure E-1** shows the recent soil and groundwater sampling locations and **Tables E1, E2** and **E3** summarize the recent soil results and **Table E4** summarizes the recent groundwater results.

3.3 Cumulative Soil Assessment Results

Figure 5 shows all of the soil sampling locations. Soil samples were collected from the surface to the top of the water table at most of the sampling locations. The depth to water table below land surface in the monitoring wells is highly variable across the Cutler property due to changes in land elevation. Depending on the location, samples were generally obtained from depths ranging from 0-2, 2-4, 4-6, 6-8, and 8-10 ft bls. The primary COCs detected included arsenic, vanadium, and PAHs. Other less significant COCs were also detected and included nickel, TRPH and PCBs. **Appendix F** contains summary tables and figures displaying the soil analytical results. The **Appendix F Tables F1A – F1E** show the cumulative soil analytical results and **Figures F1 – F8** show the COCs detected above the SCTLs except for arsenic which is shown where it exceeded 5.2 milligrams per kilogram (mg/kg). As agreed with DERM, the 5.2 mg/kg concentration represents a background level for arsenic in the 0-2 foot interval in the vicinity of Cutler. These results were based on the Miami-Dade County Anthropogenic Background Study released by DERM on April 3, 2014. Summarized below is a list of specific soil interval maps presented in **Appendix F**.

Figure F1A	Arsenic in Soil 0 to 2 feet bls
Figure F1B	Arsenic in Soil 2 to 4 feet bls
Figure F1C	Arsenic in Soil 4 to 6 feet bls
Figure F1D	Arsenic in Soil 6 to 8 feet bls
Figure F1E	Arsenic in Soil Below 8 feet bls
Figure F2A	Vanadium in Soil 0 to 2 feet bls
Figure F2B	Vanadium in Soil 2 to 4 feet bls
Figure F2C	Vanadium in Soil 4 to 6 feet bls
Figure F2D	Vanadium in Soil Below 6 feet bls
Figure F3A	PAHs in Soil 0 to 2 feet bls
Figure F3B	PAHs in Soil 2 to 4 feet bls
Figure F3C	PAHs in Soil 4 to 6 feet bls
Figure F3D	PAHs in Soil 6 to 8 feet bls
Figure F3E	PAHs in Soil Below 8 feet bls
Figure F4A	Nickel in Soil 0 to 2 feet bls
Figure F4B	Nickel in Soil 2 to 4 feet bls
Figure F4C	Nickel in Soil 4 to 6 feet bls
Figure F5A	TRPH in Soil 0 to 2 feet bls
Figure F5B	TRPH in Soil 2 to 4 feet bls
Figure F5C	TRPH in Soil 4 to 6 feet bls
Figure F5D	TRP in Soil 6 to 8 feet bls
Figure F6	PCBs Delineation Map
Figure F7A	Antimony in Soil 0 to 2 feet bls
Figure F7B	Antimony in Soil 2 to 4 feet bls
Figure F7C	Antimony in Soil 4 to 6 feet bls
Figure F8	VOCs in Soil

The soil results show that arsenic was detected at a few locations near the northern property boundary that exceeded the background concentration of 5.2 mg/kg. The results also show that vanadium was detected at a few locations above the Residential SCTL of 67 mg/kg. FPL has agreed to conduct additional soil sampling to complete the delineation of soil exceedances to the north of Cutler. A sampling plan was submitted to DERM in early June 2015.

As indicted by **Figures F1A** through **F1E**, arsenic was detected above the background concentration of 5.2 mg/kg at one location near the southern property boundary. The delineation of arsenic in this area is effectively provided by the results of sample CB-2 based on the Miami-Dade County Anthropogenic Background Study released by DERM on April 3, 2014. The result for CB-2 was 7.27 mg/kg. The sample was collected offsite, on the south side of SW 152nd Street where its results could not be attributable to Cutler.

The soil results show that the extent of COCs attributable to Cutler have been defined on the eastern and western portions of the property. The most recent soil sampling work was performed in the central portion of Cutler to better characterize the soil in that area. This work showed that the COCs detected in the central area are delineated for the purposes of designating parcel boundaries associated with engineering and institutional controls.

3.4 Cumulative Groundwater Assessment Results

A comprehensive well network was used for determining the groundwater quality of the Cutler property. **Figure 6** shows the locations of the project monitoring wells. A cumulative summary of groundwater analytical results is provided in **Table F2** of **Appendix F** and **Figures F-9** and **F-10** display the results for arsenic and vanadium respectively. The groundwater results show that the COCs detected above the GCTLs included only arsenic and vanadium. Some antimony, nickel, PAH and TRPH were detected but well below the GCTLs. As indicated by the groundwater data, the horizontal and vertical extent of groundwater impacts is defined and contained entirely within the Cutler property. The primary source for the arsenic and vanadium has been removed during source removal activities completed by FPL in the late 1990s, and the concentrations should attenuate over time. The two recently installed monitoring wells in the central area show that COCs exceeded the GCTLs. This information will be used in establishing engineering and institutional controls for Cutler as discussed in the RAP.

3.5 Site Assessment Conclusions

The site assessment sufficiently characterized and defined the extent of soil and groundwater impacts to plan remediation. **Figure 7** summarizes the assessment results for Cutler. This figure depicts the extent of groundwater impacts that exceeded the GCTLs and the extent of soil impacts that exceeded the SCTLs for all compounds detected except for arsenic which is shown where it exceeded 5.2 mg/kg. As indicated by the figure, the dissolved plume is located entirely within the Cutler property which corresponds with the majority of the reported soil impacts. The assessment results indicate that most of the source for the dissolved plume was effectively removed during the previous cleanup work conducted about 20 years ago.

Figure 7 also shows the proposed administrative areas and parcel boundaries for Cutler associated with the site closure options.

4. Remedial Action Plan

The purpose of this Remedial Action Plan (RAP) is to address the soil and groundwater impacts at Cutler that exceed background or Residential SCTLs for soil and GCTLs for groundwater. These impacts have been described in detail in the previous sections. FPL is proposing to implement a phased Risk Based Corrective Action Approach (RBCA) to rehabilitate the Cutler property. The proposed work integrates risk assessment principles and site-specific conditions with traditional assessment and remediation tasks to provide a cost-effective site closure that is protective of human health and the environment. The RBCA strategy will be implemented in accordance with Chapter 24, Code of Miami-Dade County, and procedures previously approved by DERM. Risk Management Option Level II is the proposed remedial alternative to be implemented in accordance with the requirements for contaminated sites regulated by Section 24.11.1(2), Code of Miami-Dade County.

FPL will discuss a schedule for implementing the proposed remedial strategy upon approval of the RAP. In the meantime, access to Cutler is restricted which eliminates exposure concerns to the COCs. As previously agreed to by DERM, FPL is also proceeding with the off-site delineation plan to address any potential soil impacts along the northern boundary of the parcel. We will continue to keep you updated on our progress to obtain access to complete this assessment.

4.1 Corrective Action Plan for Soil Impacts

The results of site assessment activities completed to date indicate that the primary COCs that exceed the background or Residential SCTLs are arsenic, vanadium and PAHs. Other less significant COCs were also detected and these include nickel, TRPH and PCBs. The objective of this Corrective Action Plan (CAP) is to address the COCs that exceed the Residential SCTLs and arsenic that exceeds the regional background level of 5.2 mg/kg at the 0-2 foot interval below land surface. **Figure 7** shows the areas where the primary COCs exceed the Residential SCTLs or the arsenic background level. Based on the soil and groundwater samples collected to date there is no evidence of leachability issues continuing from the impacted soils.

In order to mitigate any potential direct exposure risks associated with the impacted soils exceeding the aforementioned SCTLs at Cutler, FPL is proposing to implement Engineering Controls (EC) as shown on the plans prepared by Ross Engineering, Inc. (REI), and included in this submittal as **Appendix G**.

The CAP will include the following steps:

1. Abandon all monitoring wells within the footprint of the area with the proposed Engineering Controls (EC), in accordance with State and local regulations;
2. Install and secure a geotextile liner at the surface of the designated area. The liner will be an 8 ounce geotextile (GSE or equivalent). The specifications are included in **Appendix G;**
3. Place one foot of clean fill on top of the geotextile liner. The clean fill will meet the criteria in DERM's SWP Guidance No.1, dated March 22, 2004;

4. Seed the area for establishing a vegetative layer on top;
5. A Tree Protection Area will be established around each tree not removed during clearing and grubbing activities. A typical detail for this area is shown on the REI plans, and will include hand digging around the root zone under the tree canopy. The root zone will then be covered with an 8 ounce geotextile liner (GSE or equivalent) covered with 2.5 inches of bonded rubber mulch. The specifications for the mulch are included in **Appendix G;**
6. The monitoring wells within the footprint of the excavation will be re-installed and sampled within sixty (60) days of completion of CAP activities.

4.2 Corrective Action Report

Within sixty (60) days of completion of restoration activities, a Corrective Action Report (CAR) will be submitted to DERM. The CAR will contain the following information:

1. Copies of fill tickets of clean fill delivered to the site documenting the source, quality and quantities;
2. Record drawings of corrective actions completed;
3. An Engineering Control Maintenance Plan and Inspection Checklist

4.3 Groundwater Remediation

The results of the groundwater samples collected to date from Cutler show that the COCs detected above the GCTLs are only arsenic and vanadium. Some antimony, nickel, PAH and TRPH were also detected but well below the GCTLs. None of the samples collected appear to be related to any leachable soils.

Figure 7 displays the extent of GCTL exceedances observed at Cutler. As indicated by the groundwater data, the horizontal and vertical extent of groundwater impacts is defined and contained entirely within the property. The primary source for the arsenic and vanadium has been removed and the concentrations should attenuate over time.

4.4 Monitoring Only Plan

In order to address the exceedances of the GCTL in the area shown in **Figure 7**, FPL is proposing a Monitoring Only Plan (MOP) to demonstrate that the existing groundwater plumes on the former power plant parcel are stable, continue to remain on-site and not affecting any surface water bodies. The MOP, as summarized in the following table, will include monitoring seven (7) wells within and in the immediate vicinity of the existing groundwater plumes shown on **Figure 7.** FPL is proposing to implement a quarterly monitoring program for a period of one (1) year upon completion and verification of the engineering controls.

TABLE: MONITORING ONLY PLAN

Monitoring Well ID	Parameter
MW-D5	Arsenic and Vanadium
MW-D6	Arsenic and Vanadium
MW-C6	Vanadium
MW-E7	Vanadium
MW-E7D	Vanadium
MW-OB-6	Vanadium
MW-OB-7	Vanadium

4.5 Implementation of Institutional Controls

Upon successful completion of the EC and the MOP described above, FPL will submit the following information to DERM for implementation of the Institutional Controls for Cutler:

- A draft (unsigned) copy of the proposed covenant, consistent with the covenant template in the DERM guidance documents and available on the DERM's website. The covenant shall include the following:
    - A copy of the legal description of the property (Exhibit A). If only a portion of the site is to be restricted, then in addition to the legal description for the entire property, a copy of either a survey or a legal description of that portion of the site which is subject to the restrictions;
    - A summary of the contamination assessment report including summary table(s) of analytical results, site map(s) (indicating the north direction, drawn to scale, and including a graphical representation of the scale) with property boundaries, institutional control boundaries, sample locations and sample results (Exhibit B); and
    - A summary of the approved engineering control plan that was implemented including the contaminant of concern plume map, drawn to scale, with the engineering control superimposed and a detailed description of the construction, maintenance, and, as appropriate, monitoring of the engineering control (Exhibit C).

After written approval of the covenant by DERM, FPL will execute the covenant and record the fully executed covenant in the public records of Miami-Dade County. A receipt (i.e., copy of the covenant stamped with the book and page number in the upper right hand corner) indicating where and when the

covenant was recorded shall be submitted to DERM prior to issuance of the RBCA site closure permit and subsequently the NFA with conditions letter.

FIGURES

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SITE VICINITY MAP

Florida Power & Light Company
Former Cutler Power Plant Property
HWR-442/File-16360/IW-79
Miami, Florida

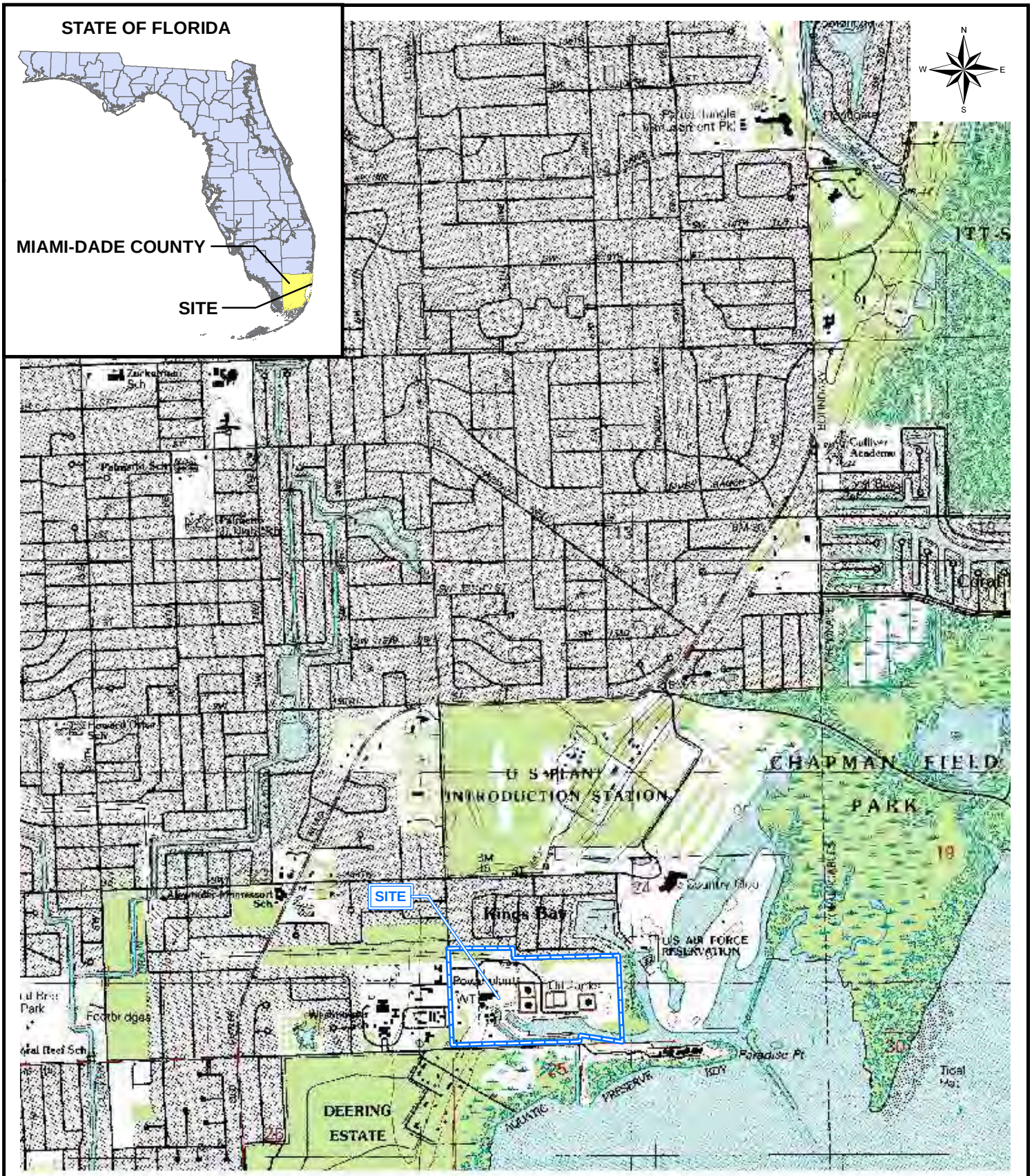
LEGEND:

FORMER PLANT PROPERTY BOUNDARY

SCALE:

300 150 0 300
Feet

FIGURE 1



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USGS SITE LOCATION MAP

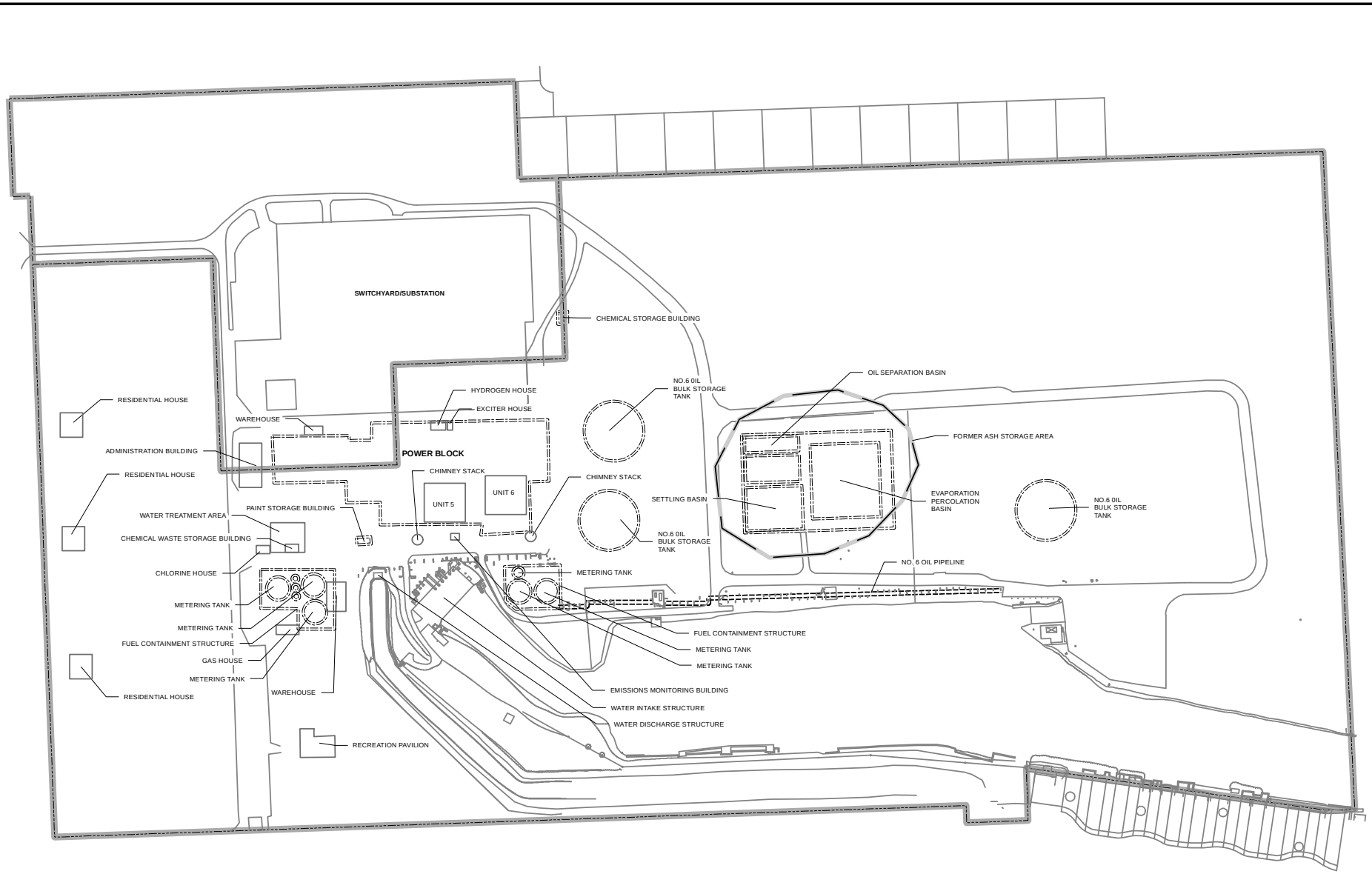
Florida Power & Light Company
Former Cutler Power Plant Property
HWR-442/File-16360/IW-79
Miami, Florida

SCALE:

2,000 0 2,000 4,000

Feet

FIGURE 2



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FORMER SITE FEATURE LOCATION MAP

Florida Power & Light Company
Former Cutler Power Plant Property
HWR-442/File-16360/IW-79
Miami, Florida

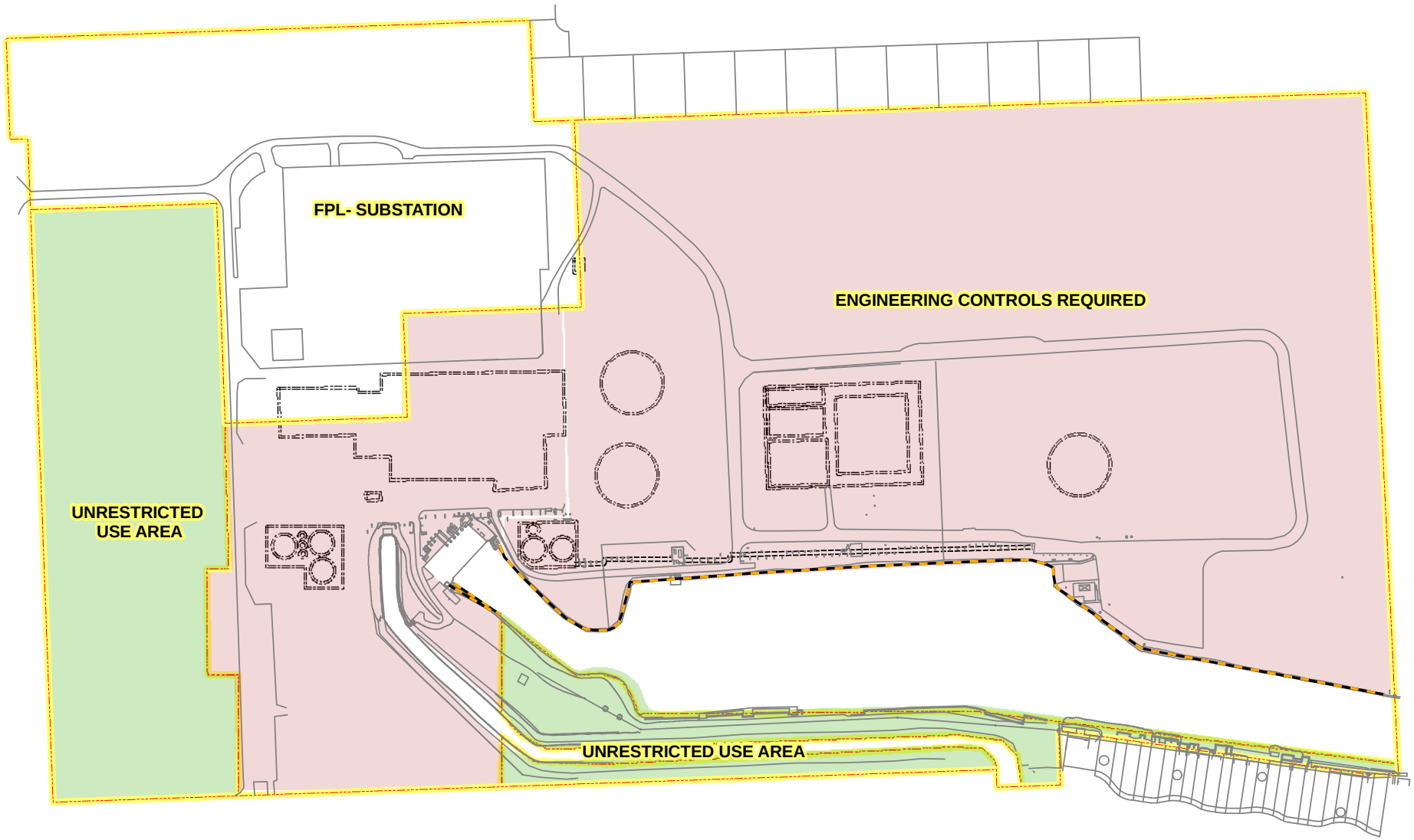
LEGEND:

- FORMER NO.6/ HEAVY FUEL OIL BULK STRORAGE AST
- FORMER WEST METERING TANK/ CONTAINMENT STRUCTURE
- FORMER No. 6 OIL/ HEAVY FUEL OIL PIPELINE
- SWITCH YARD
- FORMER EAST METERING TANK/CONTAINMENT STRUCTURE
- FORMER POWER BLOCK/ BACKFILLED AREA
- FORMER WASTEWATER/ STORMWATER BASINS
- PROPERTY BOUNDARY

SCALE:

200 100 0 200
Feet

FIGURE 3



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CUTLER PARCELS AND ADMINISTRATIVE AREAS

Florida Power & Light Company
Former Cutler Power Plant Property
HWR-442/File-16360/IW-79
Miami, Florida

LEGEND:

- UNRESTRICTED USE AREA-NO ENGINEERING CONTROLS REQUIRED
- ENGINEERING CONTROLS REQUIRED
- SLOPE STABILIZATION BOUNDARY

SCALE:

200 100 0 200
Feet

FIGURE 4

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SOIL BORING LOCATION MAP

Florida Power & Light Company
Former Cutler Power Plant Property
HWR-442/File-16360/IW-79
Miami, Florida

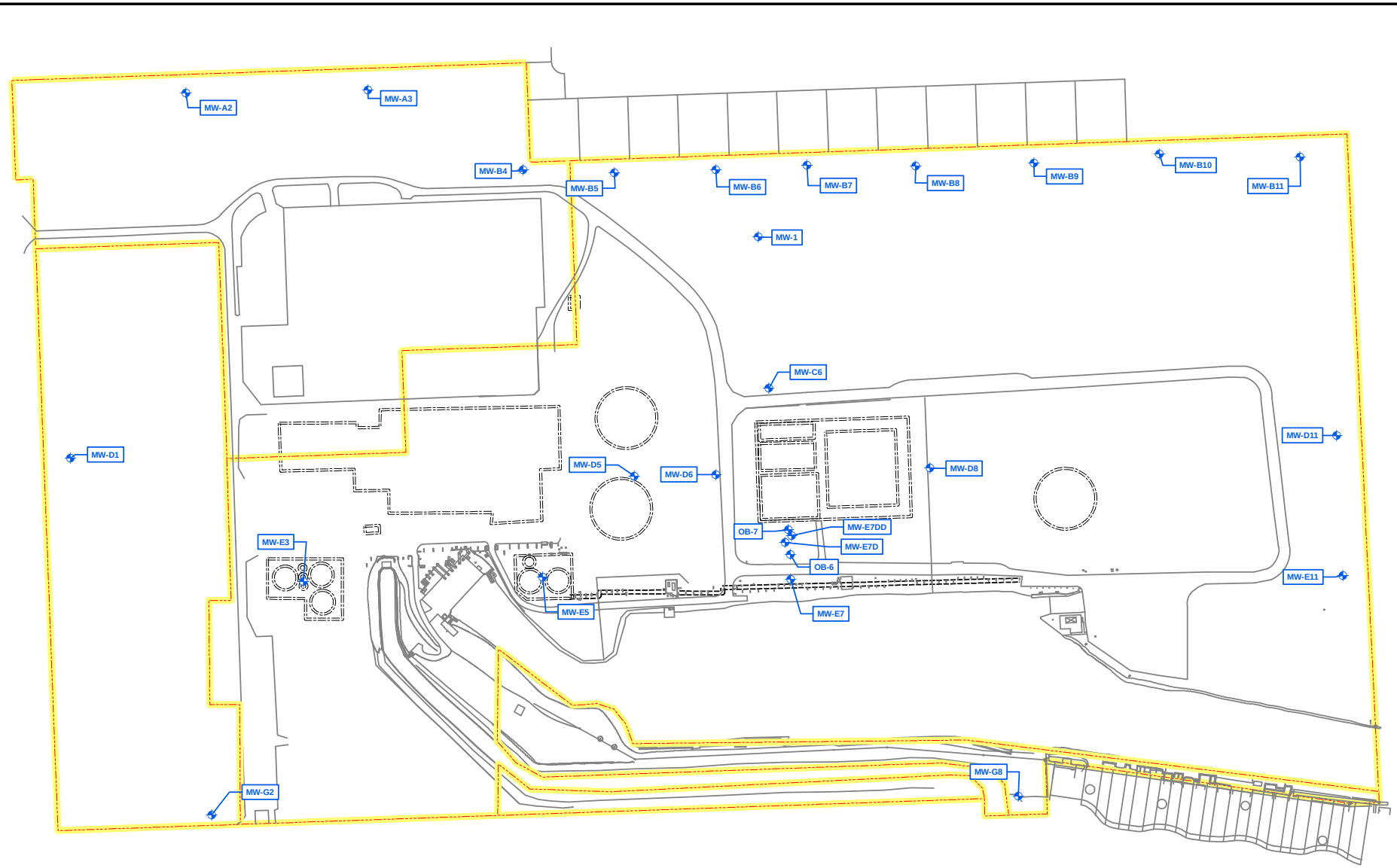
LEGEND:

- SOIL BORING
- FORMER NO.6/ HEAVY FUEL OIL BULK STRORAGE AST
- FORMER WEST METERING TANK/ CONTAINMENT STRUCTURE
- FORMER No. 6 OIL/ HEAVY FUEL OIL PIPELINE
- SWITCH YARD
- FORMER EAST METERING TANK/CONTAINMENT STRUCTURE
- FORMER POWER BLOCK/ BACKFILLED AREA
- FORMER WASTEWATER/ STORMWATER BASINS
- PROPERTY BOUNDARY

SCALE:

200 100 0 200
Feet

FIGURE 5



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MONITORING WELL LOCATION MAP

Florida Power & Light Company
Former Cutler Power Plant Property
HWR-442/File-16360/IW-79
Miami, Florida

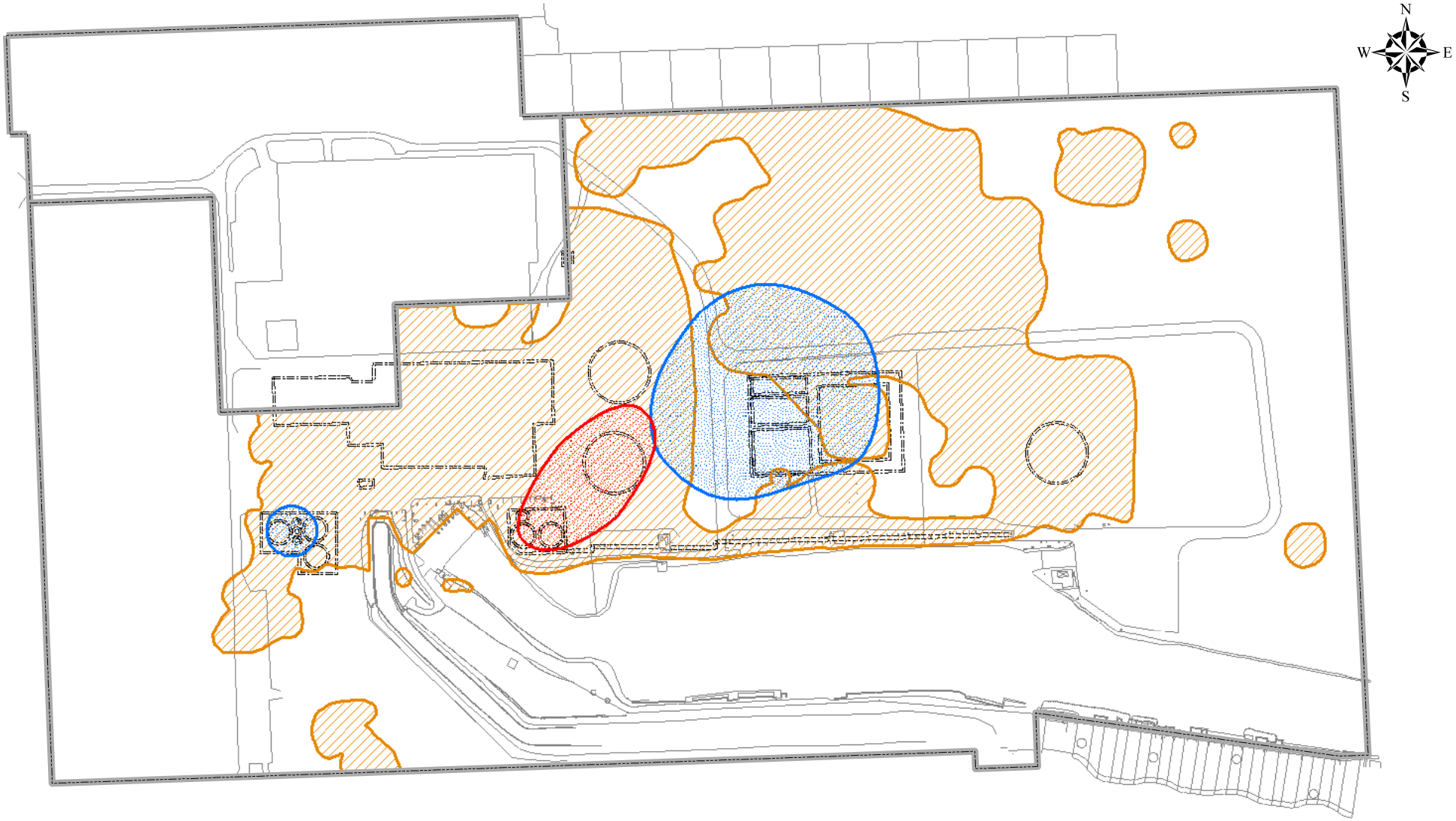
LEGEND:

- MONITORING WELL
- FORMER NO.6/ HEAVY FUEL OIL BULK STRORAGE AST
- FORMER WEST METERING TANK/ CONTAINMENT STRUCTURE
- FORMER No. 6 OIL/ HEAVY FUEL OIL PIPELINE
- FORMER EAST METERING TANK/CONTAINMENT STRUCTURE
- FORMER POWER BLOCK/ BACKFILLED AREA
- FORMER WASTEWATER/ STORMWATER BASINS
- SWITCH YARD
- PROPERTY BOUNDARY

SCALE:

200 100 0 200
Feet

FIGURE 6



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ASSESSMENT RESULTS SUMMARY

Florida Power & Light Company
Former Cutler Power Plant Property
HWR-442/File-16360/IW-79
Miami, Florida

LEGEND:

- FORMER NO.6/HEAVY FUEL OIL BULK STRORAGE AST
- FORMER POWER BLOCK/ BACKFILLED AREA
- FORMER WASTEWATER/ STORMWATER BASINS
- SWITCH YARD
- PROPERTY BOUNDARY
- FORMER METERING TANK/CONTAINMENT STRUCTURE
- FORMER METERING TANK/CONTAINMENT STRUCTURE
- FORMER No. 6 OIL/ HEAVY FUEL OIL PIPELINE
- EXTENT OF SOIL IMPACTS
- EXTENT OF ARSENIC GROUNDWATER IMPACTS
- EXTENT OF VANADIUM GROUNDWATER IMPACTS

SCALE:

200 100 0 200
Feet

FIGURE 7

TABLE

Table 1
Well Construction Details
Florida Power & Light Company
Former Cutler Power Plant Property
HWR-442/File-16360/IW-79
Miami, Florida

Well ID	Permit Number	Installation Date	Installation Method	TOC Elevation	Diameter (inches)	Total Depth	Screened Interval (Feet bls)	Notes
MW-1	N/A	Pre-assessment	HSA	NS	2	20	10 - 20	Flush mounted well with permanent slab
MW-A2	13-59-8838	4/19/2013	HSA	15.99	2	21.6	11.6 - 21.6	Flush mounted well with permanent slab
MW-A3	13-59-8837	4/19/2013	HSA	15.84	2	21.7	11.7 - 21.7	Flush mounted well with permanent slab
MW-B10	13-59-8845	4/19/2013	HSA	3.83	2	10.9	0.9 - 10.9	Flush mounted well with permanent slab
MW-B11	13-59-8841	4/19/2013	HSA	3.15	2	11	1 - 11	Flush mounted well with permanent slab
MW-B4	13-59-8851	4/19/2013	HSA	11.12	2	19.2	9.2 - 19.2	Flush mounted well with permanent slab
MW-B5	13-59-8850	4/19/2013	HSA	7.54	2	14.6	4.6 - 14.6	Flush mounted well with permanent slab
MW-B6	13-59-8849	4/19/2013	HSA	4.77	2	13	3 - 13	Flush mounted well with permanent slab
MW-B7	13-59-8848	4/19/2013	HSA	4.05	2	11.2	1.2 - 11.2	Flush mounted well with permanent slab
MW-B8	13-59-8847	4/19/2013	HSA	3.56	2	11	1 - 11	Flush mounted well with permanent slab
MW-B9	13-59-8846	4/19/2013	HSA	3.67	2	11	1 - 11	Flush mounted well with permanent slab
MW-C6	13-59-8925	5/25/2013	HSA	4.97	2	12.1	2.1 - 12.1	Flush mounted well with permanent slab
MW-D1	13-59-8839	4/19/2013	HSA	16.95	2	22.2	12.2 - 22.2	Flush mounted well with permanent slab
MW-D11	13-59-8844	4/19/2013	HSA	3.07	2	10.8	0.8 - 10.8	Flush mounted well with permanent slab
MW-D5	13-59-9024	5/28/2013	HSA	7.37	2	11.6	1.6 - 11.6	Flush mounted well with permanent slab
MW-D6	13-59-8924	5/25/2013	HSA	6.91	2	11	1- 11	Flush mounted well with permanent slab
MW-D8	13-59-8926	5/25/2013	HSA	6.06	2	11.7	1.7 - 11.7	Flush mounted well with permanent slab
MW-E11	13-59-8843	4/19/2013	HSA	2.59	2	10.8	0.8 - 10.8	Flush mounted well with permanent slab
MW-E7	13-59-8927	5/25/2013	HSA	7.31	2	11.7	1.7 - 11.7	Flush mounted well with permanent slab
MW-E7D	13-59-8923	5/25/2013	HSA	6.89	2	44.6	39.6 - 44.6	Stickup Well with protective metal casing
MW-E7DD	13-59-9023	5/28/2013	HSA	6.57	2	69.6	64.6 - 69.6	Flush mounted well with permanent slab
MW-G2	13-59-8840	4/19/2013	HSA	11.41	2	17.9	7.9 - 17.9	Flush mounted well with permanent slab
MW-G8	13-59-8842	4/19/2013	HSA	5.97	2	10.8	0.8 - 10.8	Flush mounted well with permanent slab
OB-6	N/A	Pre-assessment	HSA	11.02	2	23	13 - 23	Flush mounted well with permanent slab
OB-7	N/A	Pre-assessment	HSA	8.58	2	20.4	10.4 - 20.4	Stickup Well with protective metal casing removed
MW-E3	13-59-11864	05/28/15	HSA	NS	2	17	7 - 17	Flush mounted well with permanent slab
MW-E5	13-59-11865	05/28/15	HSA	NS	2	16	6 - 16	Flush mounted well with permanent slab

Notes:
bls- below land surface
TOC- Top of Casing Elevation (feet-relative NAVD88)
NS- Not Surveyed
N/A - Not Available

APPENDICES

APPENDIX A

Photographs of Cutler

FORMER CUTLER POWER PLANT PROPERTY

IMG#G0023303 DATE : 9/23/15 PHONE # : 1-844-ICA-RUS8

ICARUS AERIALS

FORMER CUTLER POWER PLANT PROPERTY

IMG#G0023307 DATE : 9/23/15 PHONE # : 1-844-ICA-RUS8

ICARUS AERIALS

FORMER CUTLER POWER PLANT PROPERTY

IMG#G0023311 DATE : 9/23/15 PHONE # : 1-844-ICA-RUS8

ICARUS AERIALS

FORMER CUTLER POWER PLANT PROPERTY

IMG#G0023313 DATE : 9/23/15 PHONE # : 1-844-ICA-RUS8

ICARUS AERIALS

FORMER CUTLER POWER PLANT PROPERTY

IMG#G0023327 DATE : 9/23/15 PHONE # : 1-844-ICA-RUS8

ICARUS AERIALS

FORMER CUTLER POWER PLANT PROPERTY

IMG#G0043333 DATE : 9/23/15 PHONE # : 1-844-ICA-RUS8

ICARUS AERIALS

FORMER CUTLER POWER PLANT PROPERTY

IMG#G0043345 DATE : 9/23/15 PHONE # : 1-844-ICA-RUS8

ICARUS AERIALS

FORMER CUTLER POWER PLANT PROPERTY

IMG#G0023280 DATE : 9/23/15 PHONE # : 1-844-ICA-RUS8

ICARUS AERIALS

FORMER CUTLER POWER PLANT PROPERTY

IMG#G0023277 DATE : 9/23/15 PHONE # : 1-844-ICA-RUS8

ICARUS AERIALS

FORMER CUTLER POWER PLANT PROPERTY

IMG#G0012854 DATE : 9/23/15 PHONE # : 1-844-ICA-RUS8

ICARUS AERIALS

FORMER CUTLER POWER PLANT PROPERTY

IMG#G0012843 DATE : 9/23/15 PHONE # : 1-844-ICA-RUS8

ICARUS AERIALS

FORMER CUTLER POWER PLANT PROPERTY

IMG#G0012832 DATE : 9/23/15 PHONE # : 1-844-ICA-RUS8

ICARUS AERIALS

FORMER CUTLER POWER PLANT PROPERTY

IMG#G0012828 DATE : 9/23/15 PHONE # : 1-844-ICA-RUS8

ICARUS AERIALS

FORMER CUTLER POWER PLANT PROPERTY

IMG#G0012816 DATE : 9/23/15 PHONE # : 1-844-ICA-RUS8

ICARUS AERIALS

FORMER CUTLER POWER PLANT PROPERTY

IMG#G0012813 DATE : 9/23/15 PHONE # : 1-844-ICA-RUS8

ICARUS AERIALS

FORMER CUTLER POWER PLANT PROPERTY

IMG#G0012809 DATE : 9/23/15 PHONE # : 1-844-ICA-RUS8

ICARUS AERIALS

FORMER CUTLER POWER PLANT PROPERTY

IMG#G0012806 DATE : 9/23/15 PHONE # : 1-844-ICA-RUS8

ICARUS AERIALS

FORMER CUTLER POWER PLANT PROPERTY

IMG#G0012798 DATE : 9/23/15 PHONE # : 1-844-ICA-RUS8

ICARUS AERIALS

FORMER CUTLER POWER PLANT PROPERTY

IMG#G0012797 DATE : 9/23/15 PHONE # : 1-844-ICA-RUS8

ICARUS AERIALS

FORMER CUTLER POWER PLANT PROPERTY

IMG#G0012784 DATE : 9/23/15 PHONE # : 1-844-ICA-RUS8

ICARUS AERIALS

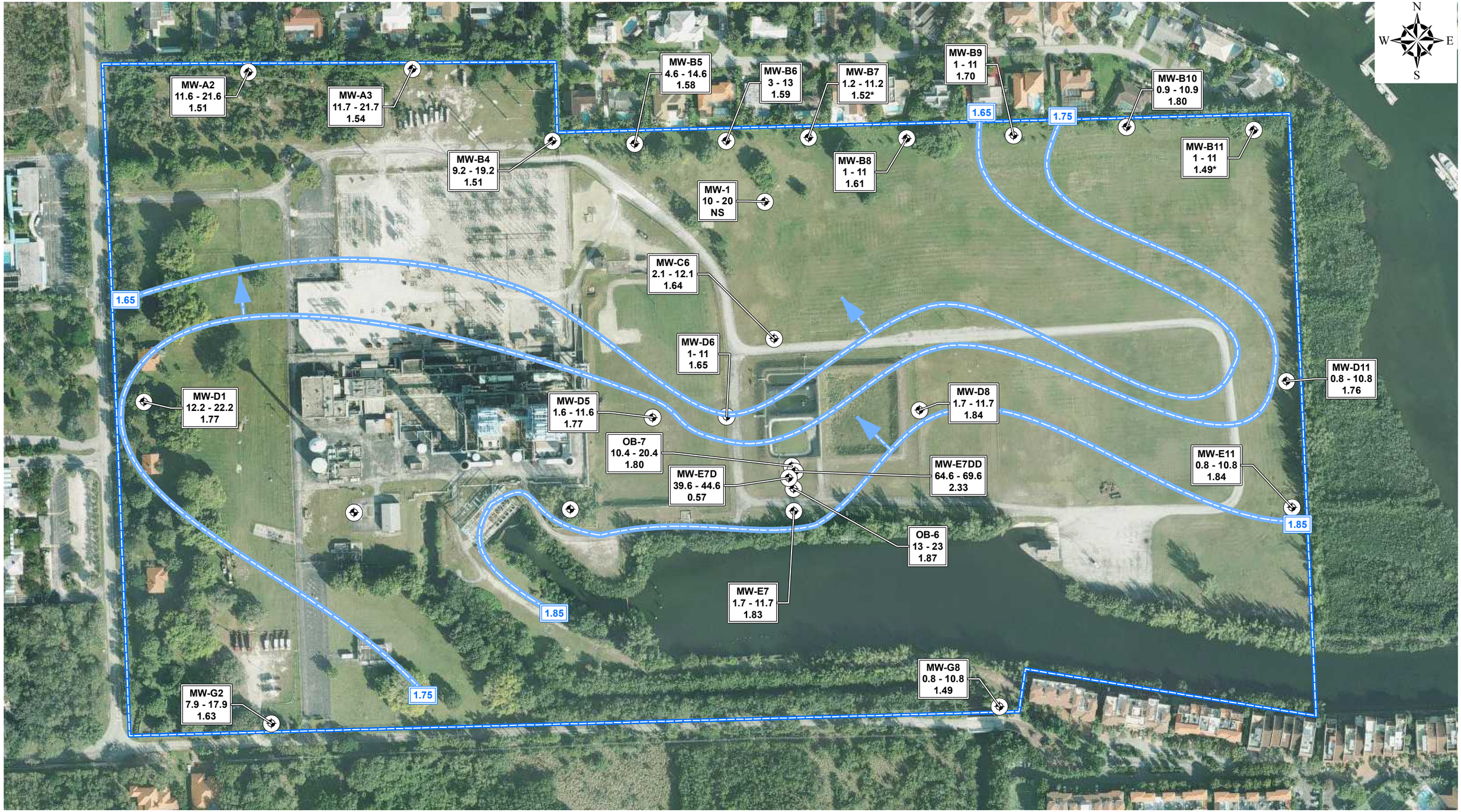
FORMER CUTLER POWER PLANT PROPERTY

IMG#G0012779 DATE : 9/23/15 PHONE # : 1-844-ICA-RUS8

ICARUS AERIALS

APPENDIX B

Groundwater Elevation Data



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GROUNDWATER ELEVATION MAP
JANUARY 21, 2014

Florida Power & Light Company
Former Cutler Power Plant Property
HWR-442/File-16360/IW-79
Miami, Florida

LEGEND:

APPARENT GROUNDWATER FLOW DIRECTION

GROUNDWATER ELEVATION CONTOUR

MONITORING WELL

APPROXIMATE PROPERTY BOUNDARY

NOTES:

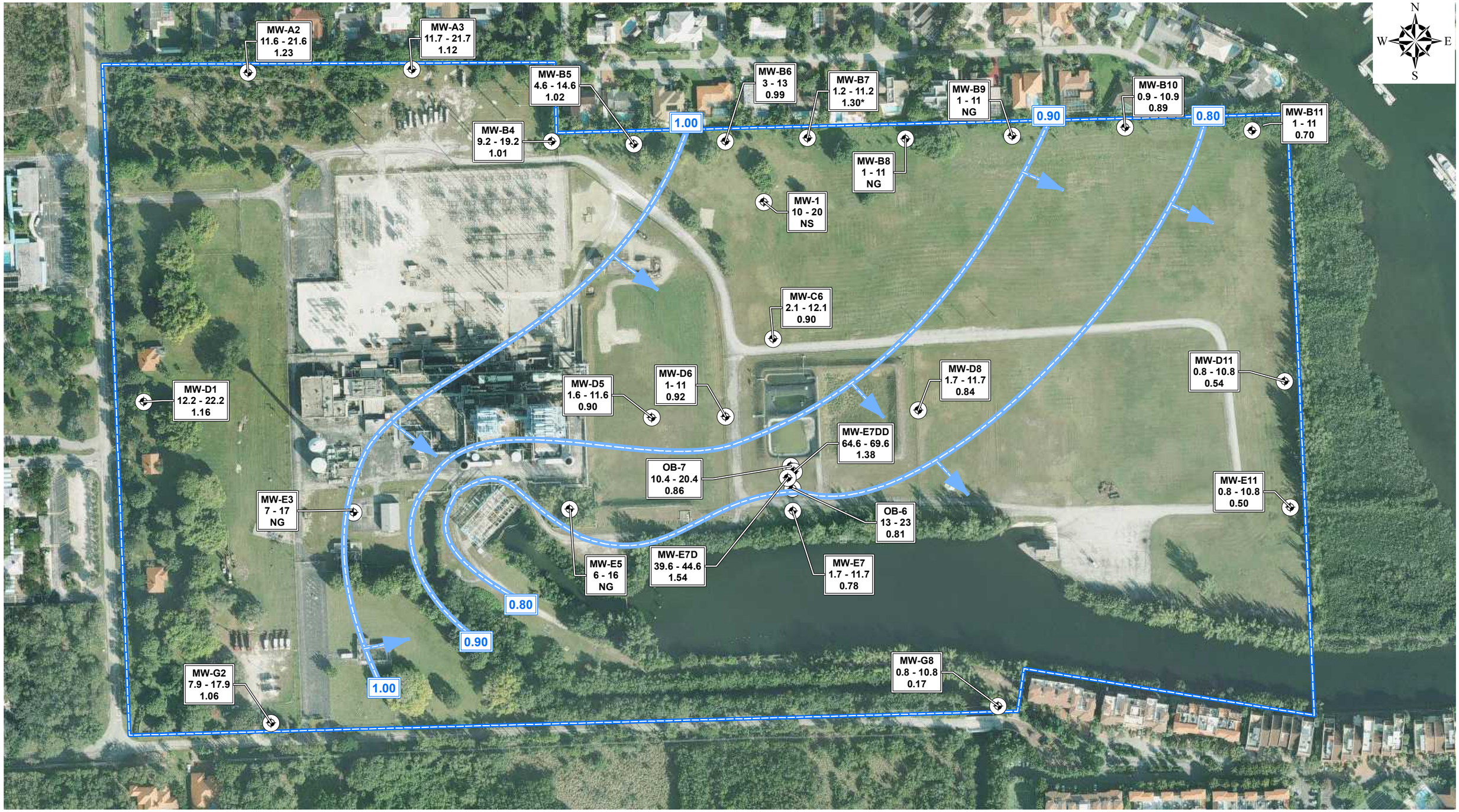
*- Anomalous data point not used for contouring
Deeper wells MW-E7D (screened 39.6 to 44.6 ft) and MW-E7DD (screened 64.6 to 69.6 ft bls) were not used for contouring
ft bls- Feet below land surface
NGVD29- National Geodetic Vertical Datum of 1929

MW-E7 — WELL ID
1.7 - 11.7 — SCREENED INTERVAL (FEET BLS)
1.83 — GROUNDWATER ELEVATION IN FEET RELATIVE TO NAVD88

SCALE:

200 100 0 200
Feet

FIGURE B1



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GROUNDWATER ELEVATION MAP
JANUARY 23, 2014

Florida Power & Light Company
Former Cutler Power Plant Property
HWR-442/File-16360/IW-79
Miami, Florida

LEGEND:

APPARENT GROUNDWATER FLOW DIRECTION

GROUNDWATER ELEVATION CONTOUR

MONITORING WELL

APPROXIMATE PROPERTY BOUNDARY

NOTES:

*- Anomalous data point not used for contouring
Deeper wells MW-E7D (screened 39.6 to 44.6 ft) and MW-E7DD (screened 64.6 to 69.6 ft bls) were not used for contouring
ft bls- Feet below land surface
NGVD29- National Geodetic Vertical Datum of 1929

MW-E7 — WELL ID
1.7 - 11.7 — SCREENED INTERVAL (FEET BLS)
0.78 — GROUNDWATER ELEVATION IN FEET RELATIVE TO NAVD88

SCALE:

200 100 0 200
Feet

FIGURE B2

Table B1
Groundwater Elevation Data
Florida Power & Light Company
Former Cutler Power Plant Property
HWR-442/File-16360/IW-79
Miami, Florida

Well ID	Diameter (inches)	Total Depth	Screened Interval (Feet bls)	TOC Elevation	1/21/2014		1/23/2014		9/14/2015		9/23/2015	
					DTW	GWELE	DTW	GWELE	DTW	GWELE	DTW	GWELE
MW-1	2	20	10 - 20	NS	6.97	NS	7.57	NS	NG	NS	NG	NS
MW-A2	2	21.6	11.6 - 21.6	15.99	14.48	1.51	14.76	1.23	NG	NG	NG	NG
MW-A3	2	21.7	11.7 - 21.7	15.84	14.30	1.54	14.72	1.12	NG	NG	NG	NG
MW-B10	2	10.9	0.9 - 10.9	3.83	2.03	1.80	2.94	0.89	NG	NG	NG	NG
MW-B11	2	11	1 - 11	3.15	1.66	1.49	2.45	0.70	1.90	1.25	1.83	1.32
MW-B4	2	19.2	9.2 - 19.2	11.12	9.61	1.51	10.11	1.01	NG	NG	NG	NG
MW-B5	2	14.6	4.6 - 14.6	7.54	5.96	1.58	6.52	1.02	NG	NG	NG	NG
MW-B6	2	13	3 - 13	4.77	3.18	1.59	3.78	0.99	NG	NG	NG	NG
MW-B7	2	11.2	1.2 - 11.2	4.05	2.53	1.52	2.75	1.30	2.37	1.68	2.24	1.81
MW-B8	2	11	1 - 11	3.56	1.95	1.61	2.53	1.03	2.35	1.21	2.17	1.39
MW-B9	2	11	1 - 11	3.67	1.97	1.70	2.65	1.02	2.80	0.87	2.74	0.93
MW-C6	2	12.1	2.1 - 12.1	4.97	3.33	1.64	4.07	0.90	3.81	1.16	3.76	1.21
MW-D1	2	22.2	12.2 - 22.2	16.95	15.18	1.77	15.79	1.16	NG	NG	NG	NG
MW-D11	2	10.8	0.8 - 10.8	3.07	1.31	1.76	2.53	0.54	NG	NG	NG	NG
MW-D5	2	11.6	1.6 - 11.6	7.37	5.60	1.77	6.47	0.90	NG	NG	NG	NG
MW-D6	2	11	1- 11	6.91	5.26	1.65	5.99	0.92	NG	NG	NG	NG
MW-D8	2	11.7	1.7 - 11.7	6.06	4.22	1.84	5.22	0.84	NG	NG	NG	NG
MW-E11	2	10.8	0.8 - 10.8	2.59	0.75	1.84	2.09	0.50	NG	NG	NG	NG
MW-E3	2	17	7 - 17	NS	NG	NS	NG	NS	12.54	NS	12.25	NS
MW-E5	2	16	6 - 16	NS	NG	NS	NG	NS	7.21	NS	7.24	NS
MW-E7	2	11.7	1.7 - 11.7	7.31	5.48	1.83	6.53	0.78	6.62	0.69	0.71	6.6
MW-E7D	2	44.6	39.6 - 44.6	6.89	6.32	1.54	5.35	0.57	10.33	-3.44	10.39	-3.5
MW-E7DD	2	69.6	64.6 - 69.6	6.57	4.24	2.33	5.19	1.38	NG	NG	NG	NG
MW-G2	2	17.9	7.9 - 17.9	11.41	9.78	1.63	10.35	1.06	9.90	1.51	9.87	1.54
MW-G8	2	10.8	0.8 - 10.8	5.97	4.48	1.49	5.80	0.17	NG	NG	NG	NG
OB-6	2	23	13 - 23	11.02	9.15	1.87	10.21	0.81	NG	NG	NG	NG
OB-7	2	20.4	10.4 - 20.4	8.58	6.78	1.8	7.72	0.86	NG	NG	NG	NG

Notes:
bls- below land surface
TOC- Top of Casing Elevation (relative to NAVD88)
NS- Not Surveyed
NG- Not Gauged
DTW- Depth to Water
GWELE- Groundwater Elevation

APPENDIX C

Well Survey Information

SUMMARY OF DATA IN SUPER ACT DATABASE FOR POTABLE WELL LOCATED WITHIN 0.25 MILES

FLUWID	WELL_TYPE	STATUS	CASING_MAT	LONGITUDE	LATITUDE	WELL_DEPTH
AAD6533	43	ACTIVE	PVC	-80.30175	25.62739	0.00000
LENGTH	DIAMETER	PERMIT_NUM	SANIT_SEAL	NAME	LG_PWS	DATUM
0.00000	2		Yes	SANDRA JAMES	0.00000	WS1984
HAE	GPS_DATE	LOC_METHOD	PROJECT_ID	COUNTY	ADDRESS	CITY
-26.48000	1/6/2000	DGPS	SUPER	DADE	15451 SW 67 CT	MIAMI
ZIPCODE	LOC_ID	GPS_ID	WSRP_ID	PORT_STAT	PWS_DESIGN	PWS_VERIFY
33157	296344	296344		POTABLE	0.00000	0.00000

TIERRA CONSULTING GROUP
5815 N. ANDREWS WAY, SUITE B
FT. LAUDERDALE, FL, 33309

POTABLE WELLS WITHIN 0.25 MILES

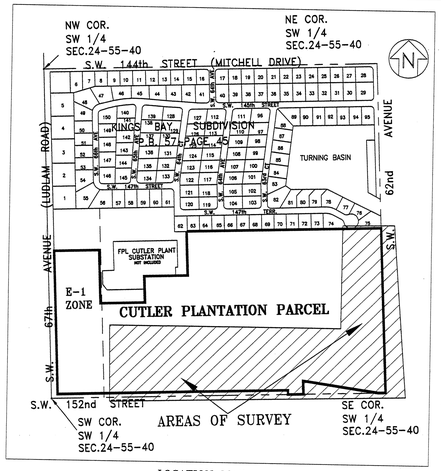
FORMER CUTLER POWER PLANT PROPERTY MIAMI, FLORIDA

NOTES:
POTABLE WELL IDENTIFIED IN FLORIDA DEPARTMENT OF HEALTH SUPER ACT WELL DATABASE

SCALE:
1000 0 1000
Feet

APPENDIX D

Wetland Information



LOCATION MAP:
SCALE: 1"=500'
SOUTHWEST 1/4, SEC 24 TWP 55 RGE 40

LEGEND:

ASPH = ASPHALT
BLDG. = BUILDING
C.B. = CATCH BASIN
CBS = CONCRETE BLOCK STUCCO
℄ = CENTERLINE
C.L. = CHAIN LINK (FENCE)
CONC = CONCRETE
ECL = ENGINEERING CONTROL LINE
E-1 = ESTATE 1 ACRE ZONING
ELEC = ELECTRIC
E/P = EDGE PAVEMENT
FD = FOUND
FT = FEET
FH = FIRE HYDRANT
I = INTERIM ZONING
IP = IRON PIPE
LB = LAND SURVEYOR BUSINESS

(NUMBER)B = TOP OF BANK
(NUMBER)W = WETLAND BOUNDARY

MH = MANHOLE
MON = MONUMENT
N&D = NAIL & DISK
OVHD = OVERHEAD WIRES
PRM = PERMANENT REFERENCE MONUMENT
℄ = PROPERTY LINE
PC = POINT OF CURVATURE
PI = POINT OF INTERSECTION
PT = POINT OF TANGENT
RLS = REGISTERED LAND SURVEYOR No.
R/W = RIGHT OF WAY
SAN = SANITARY
SEC = SECTION
SWK = SIDEWALK
TOB. = TOP OF BANK
TWP. = TOWNSHIP
WD = WOOD

SURVEYOR'S NOTES:

1) COORDINATES SHOWN HEREON ARE THE STATE OF FLORIDA, NORTH AMERICAN DATUM, NAD 83/90, TRANSVERSE MERCATOR GRID, EAST ZONE

2) CONTROL COORDINATES ARE BASED UPON MIAMI-DADE COUNTY, PUBLIC WORKS DEPARTMENT, TOWNSHIP 55 SOUTH, RANGE 40 EAST, MAP.

3) S.W. 67th AVENUE (LUDLUM ROAD) RIGHT OF WAY REVISIONS ARE BASED UPON REPORT, DATE JUNE 4, 2013, AND ARE PLOTTED HEREON.

a) DEED BOOK 2959, PAGE 408, DATE: 12-17-47
S1/2, SW1/4, SEC 24-T55S, R40E.
b) BOOK 3624, PAGE 323, DATE 07-17-52
W 1035', S 200', N1/2, SW1/4, SEC 24-55-40, SUBJECT TO R/W, LUDLUM ROAD.

4) PROPOSED RIGHT OF WAY REFERENCE TO MIAMI-DADE COUNTY,
PART III-CODE OF ORDINANCES,
CHAPTER .33-ZONING
ARTICLE VII. RIGHT OF WAY PLAN AND MIN. WIDTH.
SEC. 33-133.
a) NORTH AND SOUTH HIGHWAYS(AVENUES)
36) LUDLUM ROAD FROM MITCHELL ROAD (SW 144th STREET) SOUTH TO CORAL REEF DRIVE (SW 152nd STREET), 100'.
b) EAST AND WEST STREETS (28A) CORAL REEF DRIVE (SW 152nd STREET) FROM LUDLUM ROAD TO WEST OLD CUTLER ROAD, 110'
c) EXCEPT AS PROVIDED IN SECTIONS 33-133(A) AND (B) HEREOF, ON ALL SECTION LINES, EIGHTY(80) FEET SHALL BE THE MINIMUM RIGHT OF WAY WIDTH.

A.R. TOUSSAINT & ASSOCIATES, INC.

BY: Albert R. Toussaint PRES.
ALBERT R. TOUSSAINT
REGISTERED ENGINEER NO. 8939
REGISTERED SURVEYOR AND MAPPER NO. 907
STATE OF FLORIDA
FLORIDA CERTIFICATE OF AUTHORIZATION LB-273

GRAPHIC SCALE:
0'10' 25' 50' 100' 150'
SCALE: 1 INCH = 50 FEET

CUTLER PLANTATION PARCEL
SPECIFIC PURPOSE SURVEY

TO SURVEY AND COORDINATE THE "WETLAND BOUNDARY", AND "TOP OF BANK" POINTS ON THE "INTAKE CANAL" AND "DISCHARGE CANAL" AND THE POINTS ON THE "WETLAND AREAS, W-1 THRU W-12". ALL POINTS AS MARKED ON GROUND BY OTHERS UNDER THE DIRECTION AND APPROVAL OF PERSONEL OF MIAMI-DADE COUNTY, DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES.

PREPARED BY:

A. R. TOUSSAINT & ASSOCIATES, INC.
LAND SURVEYORS
FLORIDA CERTIFICATE OF AUTHORIZATION LB-273
620 N.E. 126th STREET NORTH MIAMI, FLORIDA 33161
PHONE 305-891-7340 FAX 305-893-0325

INTAKE CANAL WETLAND BOUNDARY		
DATA POINT	N	E
1W	472,055.61	889,143.00
2W	472,070.94	889,034.01
3W	472,094.11	888,929.75
4W	472,108.37	888,827.50
5W	472,137.75	888,728.30
6W	472,130.28	888,719.11
7W	472,139.01	888,693.51
8W	472,138.99	888,684.72
9W	472,145.24	888,656.51
10W	472,147.99	888,638.03
11W	472,183.41	888,598.82
12W	472,198.44	888,574.82
13W	472,237.86	888,517.30
14W	472,315.85	888,452.47
15W	472,315.83	888,413.26
16W	472,319.77	888,380.47
17W	472,321.65	888,332.58
18W	472,316.96	888,246.79
19W	472,312.77	888,149.62
20W	472,310.63	888,093.58
21W	472,306.06	888,063.60
22W	472,303.75	888,002.07
23W	472,300.74	887,925.97
24W	472,296.35	887,859.09
25W	472,290.54	887,787.44
26W	472,287.65	887,733.84
27W	472,287.70	887,710.98
28W	472,285.29	887,652.41
29W	472,271.13	887,631.82
30W	472,251.05	887,627.94
31W	472,182.13	887,591.69
32W	472,185.45	887,537.41
33W	472,214.01	887,498.96
34W	472,269.15	887,437.74
35W	472,308.09	887,399.42
36W	472,347.04	887,370.02
37W	472,262.25	887,316.29
38W	472,204.08	887,390.50
39W	472,134.98	887,470.14
40W	472,099.93	887,530.70
41W	472,099.22	887,579.98
42W	472,101.60	887,591.65
43W	472,089.85	887,619.19
44W	472,039.16	887,632.50
45W	472,023.10	887,660.40
46W	472,014.71	887,751.69
47W	472,019.23	887,851.64
48W	472,025.07	887,949.32
49W	472,025.58	888,051.63
50W	472,029.77	888,151.56
51W	472,034.46	888,254.85
52W	472,032.23	888,277.90
53W	472,027.10	888,280.19
54W	472,026.22	888,290.50
55W	472,021.21	888,354.72
56W	472,002.57	888,454.24

INTAKE CANAL TOP OF BANK		
DATA POINT	N	E
1B	472,061.76	889,141.32
2B	472,074.98	889,034.41
3B	472,097.04	888,929.98
4B	472,115.63	888,828.65
5B	472,140.27	888,728.96
6B	472,136.71	888,722.05
7B	472,142.91	888,695.46
8B	472,144.47	888,685.96
9B	472,153.08	888,655.00
10B	472,155.76	888,640.22
11B	472,184.93	888,600.34
12B	472,203.47	888,577.78
13B	472,237.80	888,525.64
14B	472,326.89	888,451.29
15B	472,326.84	888,412.00
16B	472,329.74	888,379.47
17B	472,330.15	888,333.01
18B	472,325.40	888,249.61
19B	472,321.72	888,153.98
20B	472,319.68	888,093.93
21B	472,312.10	888,062.39
22B	472,309.78	888,007.16
23B	472,308.37	887,924.01
24B	472,304.55	887,863.14
25B	472,298.36	887,786.53
26B	472,297.83	887,733.05
27B	472,295.68	887,711.44
28B	472,293.94	887,651.31
29B	472,285.18	887,628.73
30B	472,254.68	887,619.04
31B	472,192.40	887,588.26
32B	472,190.89	887,539.65
33B	472,218.39	887,501.55
34B	472,271.95	887,445.11
35B	472,309.71	887,409.61
36B	472,360.08	887,379.37
37B	472,254.61	887,304.15
38B	472,228.63	887,350.50
39B	472,195.58	887,385.80
40B	472,127.64	887,462.53
41B	472,093.00	887,525.00
42B	472,091.49	887,575.71
43B	472,096.51	887,591.56
44B	472,078.09	887,616.10
45B	472,039.26	887,625.09
46B	472,003.58	887,655.89
47B	472,008.33	887,751.39
48B	472,010.10	887,852.07
49B	472,015.29	887,952.00
50B	472,019.96	888,051.89
51B	472,022.17	888,151.91
52B	472,024.56	888,254.06
53B	472,007.80	888,353.65
54B	471,995.90	888,453.70

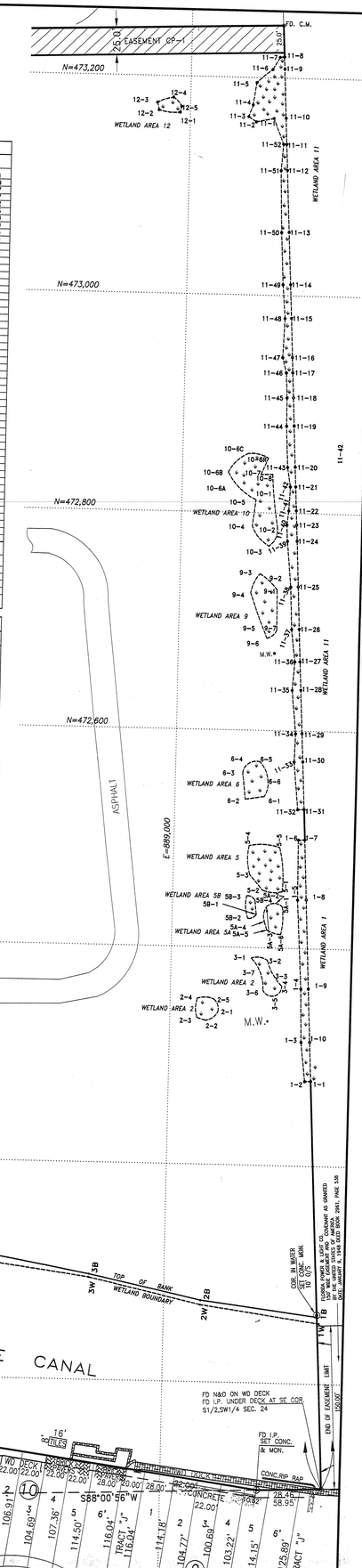
DISCHARGE CANAL WETLAND BOUNDARY		
DATA POINT	N	E
28W	472,011.00	887,146.00
29W	472,180.34	887,152.77
30W	472,116.50	887,212.29
31W	472,098.47	887,227.85
32W	472,069.30	887,256.57
33W	472,043.52	887,283.70
34W	472,018.80	887,312.89
35W	472,004.02	887,327.02
36W	471,983.34	887,349.25
37W	471,972.70	887,362.87
38W	471,960.29	887,375.78
39W	471,944.41	887,391.16
40W	471,930.78	887,406.97
41W	471,904.17	887,460.89
42W	471,901.10	887,497.34
43W	471,903.60	887,579.79
44W	471,904.71	887,654.88
45W	471,909.80	887,706.37
46W	471,907.15	887,783.14
47W	471,912.59	887,802.57
48W	471,909.10	887,851.70
49W	471,915.41	887,906.30
50W	471,918.57	887,953.09
51W	471,918.46	887,998.29
52W	471,917.91	888,043.27
53W	471,915.55	888,086.69
54W	471,921.33	888,121.40
55W	471,922.28	888,180.40
56W	471,921.08	888,240.14
57W	471,918.97	888,310.80
58W	471,911.67	888,327.26
59W	471,948.06	888,393.56
60W	471,979.48	888,351.38
61W	471,992.78	888,251.39
62W	471,994.73	888,164.29
63W	471,990.77	888,120.80
64W	471,991.70	888,091.26
65W	471,990.31	888,053.23
66W	471,990.08	888,017.07
67W	471,984.50	887,953.45
68W	471,981.18	887,853.44
69W	471,973.43	887,753.62
70W	471,971.04	887,648.32
71W	471,983.57	887,585.06
72W	471,980.75	887,561.48
73W	471,976.55	887,511.32
74W	471,998.18	887,428.02
75W	472,013.90	887,399.76
76W	472,052.68	887,357.68
77W	472,083.51	887,320.68
78W	472,166.93	887,224.35
79W	472,199.07	887,192.94
80W	472,230.88	887,175.85
81W	472,249.27	887,174.34

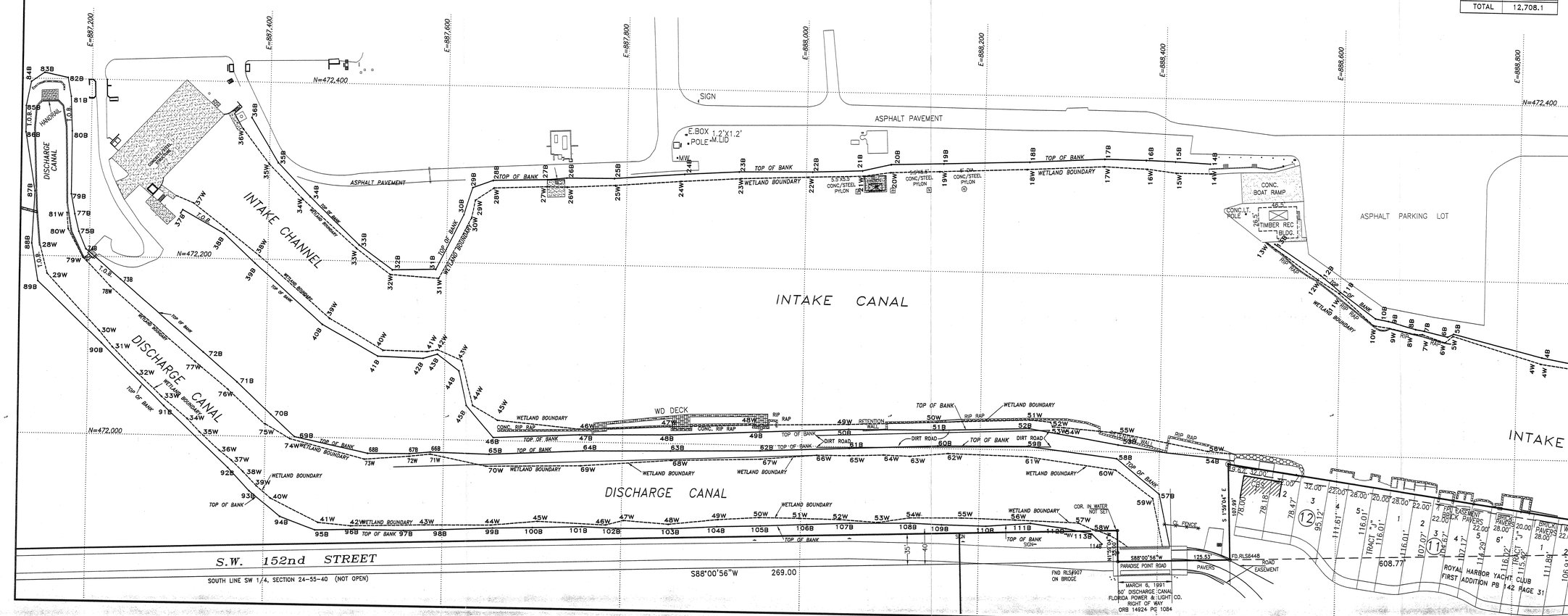
DISCHARGE CANAL TOP OF BANK		
DATA POINT	N	E
57B	471,955.12	888,400.64
58B	471,992.31	888,352.41
59B	472,004.36	888,252.44
60B	472,003.04	888,152.81
61B	471,998.61	888,052.90
62B	471,993.94	887,953.00
63B	471,991.92	887,852.93
64B	471,988.18	887,752.94
65B	471,984.61	887,651.47
66B	471,985.91	887,585.22
67B	471,983.64	887,561.66
68B	471,981.16	887,514.83
69B	472,000.55	887,433.09
70B	472,025.25	887,406.03
71B	472,061.14	887,367.64
72B	472,094.16	887,329.84
73B	472,174.93	887,235.99
74B	472,208.63	887,196.11
75B	472,228.14	887,187.93
77B	472,247.81	887,183.18
79B	472,270.31	887,179.01
80B	472,341.38	887,178.79
81B	472,380.39	887,176.91
82B	472,401.53	887,172.96
83B	472,406.98	887,146.59
84B	472,396.59	887,131.84
85B	472,369.21	887,126.40
86B	472,339.51	887,126.60
87B	472,272.94	887,137.84
88B	472,214.07	887,135.16
89B	472,171.37	887,145.23
90B	472,102.87	887,214.96
91B	472,033.07	887,286.54
92B	471,964.19	887,358.97
93B	471,938.58	887,383.12
94B	471,910.28	887,417.90
95B	471,895.66	887,457.50
96B	471,897.27	887,501.04
97B	471,896.83	887,556.85
98B	471,898.48	887,598.11
99B	471,901.38	887,657.04
100B	471,902.63	887,700.62
101B	471,904.65	887,756.01
102B	471,903.59	887,794.24
103B	471,904.17	887,855.81
104B	471,907.34	887,905.47
105B	471,909.22	887,954.81
106B	471,911.63	888,007.41
107B	471,914.10	888,055.07
108B	471,915.41	888,122.66
109B	471,914.14	888,158.56
110B	471,913.57	888,208.14
111B	471,917.61	888,257.44
112B	471,912.33	888,296.74
113B	471,906.92	888,326.02
114B	471,895.76	888,337.94

NO.	N	E
WET LAND AREA 1		
1-1	472,278.37	889,130.60
1-2	472,278.11	889,123.11
1-3	472,313.95	889,121.08
1-4	472,362.95	889,119.72
1-5	472,444.80	889,114.76
1-6	472,459.83	889,114.11
1-7	472,500.11	889,119.90
1-8	472,445.18	889,122.55
1-9	472,363.27	889,126.50
1-10	472,314.33	889,128.87
WET LAND AREA 2		
2-1	472,340.74	889,044.63
2-2	472,332.31	889,033.11
2-3	472,334.65	889,025.23
2-4	472,352.73	889,025.33
2-5	472,351.84	889,040.84
WETLAND AREA 3		
3-1	472,380.60	889,073.99
3-2	472,389.70	889,088.53
3-3	472,374.88	889,094.71
3-4	472,355.10	889,102.37
3-5	472,356.38	889,095.29
3-6	472,360.53	889,085.31
3-7	472,378.17	889,082.28
WETLAND AREA 5-A		
5A-1	472,437.91	889,101.20
5A-2	472,441.23	889,094.85
5A-3	472,438.05	889,086.68
5A-4	472,424.31	889,085.00
5A-5	472,418.58	889,087.28
5A-6	472,412.73	889,100.22
WETLAND AREA 5-B		
5B-1	472,430.54	889,077.52
5B-2	472,426.91	889,089.71
5B-3	472,447.54	889,088.20
5B-4	472,443.68	889,076.06
WETLAND AREA 5		
5-1	472,452.06	889,100.57
5-2	472,452.83	889,082.87
5-3	472,467.23	889,070.60
5-4	472,493.95	889,069.45
5-5	472,492.54	889,097.39
WETLAND AREA 6		
6-1	472,539.27	889,092.17
6-2	472,536.32	889,064.83
6-3	472,561.03	889,062.09
6-4	472,570.34	889,088.45
6-5	472,571.22	889,077.56
6-6	472,553.74	889,085.21
WETLAND AREA 9		
9-1	472,729.51	889,089.54
9-2	472,738.83	889,083.13
9-3	472,744.08	889,073.60
9-4	472,726.54	889,065.49
9-5	472,699.98	889,075.12
9-6	472,684.93	889,081.95
9-7	472,692.50	889,090.25
WETLAND AREA 10		
10-1	472,819.41	889,084.20
10-2	472,786.62	889,068.56
10-3	472,769.60	889,081.12
10-4	472,787.77	889,065.50
10-5	472,811.90	889,068.42
10-6A	472,824.88	889,050.84
10-6B	472,837.03	889,042.35
10-6C	472,854.35	889,060.06
10-6B	472,835.41	889,072.40
10-7	472,850.85	889,078.92
10-8	472,835.71	889,083.03

NO.	N	E
WETLAND AREA 11		
11-1	473,162.81	889,076.91
11-2	473,159.32	889,060.89
11-3	473,164.02	889,053.77
11-4	473,174.76	889,057.57
11-5	473,195.43	889,060.52
11-6	473,207.76	889,074.74
11-7	473,219.09	889,081.30
11-8	473,219.28	889,085.20
11-9	473,208.29	889,088.73
11-10	473,183.34	889,087.30
11-11	473,139.37	889,089.05
11-12	473,115.40	889,090.21
11-13	473,058.47	889,092.96
11-14	473,010.52	889,095.27
11-15	472,979.56	889,096.77
11-16	472,943.60	889,098.50
11-17	472,925.62	889,099.16
11-18	472,906.64	889,100.28
11-19	472,880.67	889,101.33
11-20	472,842.72	889,103.37
11-21	472,824.74	889,104.24
11-22	472,802.76	889,105.30
11-23	472,789.78	889,105.92
11-24	472,774.80	889,106.65
11-25	472,752.85	889,108.67
11-26	472,693.89	889,110.35
11-27	472,663.92	889,112.00
11-28	472,637.96	889,113.25
11-29	472,598.00	889,115.17
11-30	472,572.03	889,116.43
11-31	472,528.08	889,118.55
11-32	472,527.80	889,112.76
11-33	472,571.66	889,108.84
11-34	472,597.72	889,109.39
11-35	472,637.58	889,105.46
11-36	472,663.69	889,107.20
11-37	472,693.56	889,103.77
11-38	472,732.52	889,101.88
11-39	472,774.37	889,097.86
11-40	472,789.35	889,097.13
11-41	472,802.44	889,098.51
11-42	472,824.51	889,099.44
11-43	472,842.39	889,098.58
11-44	472,880.35	889,094.75
11-45	472,906.36	889,094.49
11-46	472,929.34	889,093.38
11-47	472,943.18	889,092.71
11-48	472,979.28	889,090.97
11-49	473,010.19	889,088.48
11-50	473,058.14	889,086.17
11-51	473,115.12	889,084.42
11-52	473,139.24	889,086.28
WETLAND AREA 12		
12-1	473,166.38	888,990.70
12-2	473,168.25	888,971.07
12-3	473,175.17	888,969.39
12-4	473,180.07	888,984.25
12-5	473,171.82	888,991.97

WETLAND AREAS	
AREA NO.	AREA=SQ. FT.
1	1,569.7
2	306.2
3	421.5
5A	366.5
5B	132.4
5	1,079.2
6	610.4
9	912.1
10	1,854.0
11	5,246.0
12	210.1
TOTAL	12,708.1





SYSTEM	DISCIPLINE	
ACAD 2006		FLORIDA POWER & LIGHT CO.
FB: DC-79 PGS. 38-48; DC-80A 1-13	CAD FILE NAME: FILE: 14863 CUTLER	TITLE: CUTLER PLANTATION PARCEL S.W. 67th AVE & S.W. 152nd STREET SECTION 24 TWP. 55 S. RGE 40 E. MIAMI-DADE COUNTY FLORIDA
DRAWING SIZE: 30" X 42"	FPL ARCHIVE NAME	
DATE: SEPT. 2013/ APRIL, JUNE, SEPT. 2015	DRAWN BY: WT / CHKD BY: AT	
DRAWING NUMBER FILE: 14863 CUTLER	14957	SHEET 1 OF 1 / REV

FPL

AECOM

Job: #60321482
Date: June 2014
Aerial Photograph Source: USDA Flown/UF Imagery Library; 1938

0 1,000 Feet

N

FIGURE D2
1938 Historical Aerial Photograph
Wetland Study
FPL - Cutler

Document Path: P:\6032\60321482_FPL_Cutler\900-CAD-GIS\920-GIS or Graphics\MXD\Figures\Alternate_Fig2_HistoricalAerialPhotograph.mxd

APPENDIX E

2015 Assessment Results

FIGURE

tierra consulting group

TIERRA CONSULTING GROUP, INC.
PHONE: (954) 202-9226
WWW.TIERRACONSULTING.COM

RECENT SOIL AND GROUNDWATER SAMPLE LOCATIONS

Florida Power & Light Company
Former Cutler Power Plant Property
HWR-442/File-16360/IW-79
Miami, Florida

LEGEND:

- 2015 SOIL BORING LOCATIONS
- HISTORIC SOIL BORING LOCATIONS
- MONITORING WELL INSTALLED IN 2015
- FORMER NO.6/ HEAVY FUEL OIL BULK STRORAGE AST
- FORMER POWER BLOCK/ BACKFILLED AREA
- FORMER No. 6 OIL/ HEAVY FUEL OIL PIPELINE
- FORMER EAST METERING TANK/ CONTAINMENT STRUCTURE
- FORMER WEST METERING TANK/ CONTAINMENT STRUCTURE
- FORMER WASTEWATER/ STORMWATER BASINS
- SWITCH YARD
- PROPERTY BOUNDARY

SCALE:

200 100 0 200
Feet

FIGURE E1

Tables

Table E1
Recent Soil Analytical Results (Metals)
Florida Power & Light Company
Former Cutler Power Plant Property
HWR-442/File-16360/IW-79
Miami, Florida

Point ID	Sample ID	Sample Depth	Sample Date	Antimony	Arsenic	Nickel	Vanadium
				mg/kg	mg/kg	mg/kg	mg/kg
SCTL Residential Direct Exposure				***27***	***5.2***	***340***	***67***
SCTL Commercial/Industrial Direct Exposure				**370**	**12**	**35000**	**10000**
SCTL Leachability to Groundwater				5.4	**	130	980
CA-01	CA-01-0.5	0 to 0.5 feet bls	5/27/2015	0.18i	3.9	10	37
CA-01	CA-01-02	0.5 to 2 feet bls	5/27/2015	0.59	1.6	9.6	31
CA-01	CA-01-04	2 to 4 feet bls	5/27/2015	0.11i	0.84	10	44
CA-01	CA-01-06	4 to 6 feet bls	5/27/2015	0.20i	2.7	12	42
CA-01	CA-01-08	6 to 8 feet bls	5/27/2015	0.065U	2.2	7.2	26
CA-01	CA-01-10	8 to 10 feet bls	5/27/2015	n/a	4.4	n/a	n/a
CA-02	CA-02-0.5	0 to 0.5 feet bls	5/27/2015	0.13i	1.6	6.2	22
CA-02	CA-02-02	0.5 to 2 feet bls	5/27/2015	0.27i	2.3	14	49
CA-02	CA-02-04	2 to 4 feet bls	5/27/2015	0.064U	0.92	23	***80***
CA-02	CA-02-06	4 to 6 feet bls	5/27/2015	0.063U	0.7	4	14
CA-02	CA-02-08	6 to 8 feet bls	5/27/2015	0.40i	2	8.5	31
CA-03	CA-03-0.5	0 to 0.5 feet bls	5/27/2015	0.42i	2.4	14	53
CA-03	CA-03-02	0.5 to 2 feet bls	5/27/2015	0.10i	0.51i	1.5i	6.7
CA-03	CA-03-04	2 to 4 feet bls	5/27/2015	0.20i	**16**	7.1	21
CA-03	CA-03-06	4 to 6 feet bls	5/27/2015	0.10i	2.1	8.4	32
CA-03	CA-03-08	6 to 8 feet bls	5/27/2015	0.065U	2.3	7.8	28
CA-03	CA-03-10	8 to 10 feet bls	5/27/2015	n/a	8.9	n/a	n/a
CA-04	CA-04-0.5	0 to 0.5 feet bls	5/27/2015	0.30i	**14**	12	50
CA-04	CA-04-02	0.5 to 2 feet bls	5/27/2015	0.62	***7.9***	19	***90***
CA-04	CA-04-04	2 to 4 feet bls	5/27/2015	0.33i	3.9	30	64
CA-04	CA-04-06	4 to 6 feet bls	5/27/2015	0.56	4.7	21	***89***
CA-04	CA-04-08	6 to 8 feet bls	5/27/2015	0.82	***9.8***	88	52
CA-05	CA-05-0.5	0 to 0.5 feet bls	5/27/2015	0.43i	2.6	4.8	15
CA-05	CA-05-02	0.5 to 2 feet bls	5/27/2015	0.66	2.8	11	32
CA-05	CA-05-04	2 to 4 feet bls	5/27/2015	0.48i	4.9	18	54
CA-05	CA-05-06	4 to 6 feet bls	5/27/2015	0.062U	0.84	2.8	12
CA-05	CA-05-08	6 to 8 feet bls	5/27/2015	0.85	***7***	12	32
CA-05	CA-05-10	8 to 10 feet bls	5/27/2015	n/a	4.4	n/a	n/a
CA-05W	CA-05W-4	2 to 4 feet bls	7/15/2015	n/a	0.14i	n/a	n/a
CA-05W	CA-05W-8	6 to 8 feet bls	7/15/2015	n/a	0.097 u	n/a	n/a
CA-05W	CA-05W-10	8 to 10 feet bls	7/15/2015	n/a	0.098 u	n/a	n/a
CA-06	CA-06-0.5	0 to 0.5 feet bls	5/27/2015	0.65	***6***	14	36
CA-06	CA-06-02	0.5 to 2 feet bls	5/27/2015	0.24i	1.8	7.6	28
CA-06	CA-06-04	2 to 4 feet bls	5/27/2015	0.44i	***6.9***	17	53
CA-06	CA-06-06	4 to 6 feet bls	5/27/2015	0.15i	2.1	3.8	14
CA-06	CA-06-08	6 to 8 feet bls	5/27/2015	0.31i	4.3	21	61
CA-06	CA-06-10	8 to 10 feet bls	5/27/2015	n/a	0.96	n/a	n/a
CA-07	CA-07-0.5	0 to 0.5 feet bls	5/27/2015	0.18i	3.9	17	54
CA-07	CA-07-02	0.5 to 2 feet bls	5/27/2015	0.37i	***7***	10	32
CA-07	CA-07-04	2 to 4 feet bls	5/27/2015	0.17i	3.3	17	56
CA-07	CA-07-06	4 to 6 feet bls	5/27/2015	0.39i	***5.9***	14	37
CA-07	CA-07-08	6 to 8 feet bls	5/27/2015	0.064U	2.2	6.8	23

Point ID	Sample ID	Sample Depth	Sample Date	Antimony	Arsenic	Nickel	Vanadium
				mg/kg	mg/kg	mg/kg	mg/kg
SCTL Residential Direct Exposure				***27***	***5.2***	***340***	***67***
SCTL Commercial/Industrial Direct Exposure				**370**	**12**	**35000**	**10000**
SCTL Leachability to Groundwater				5.4	**	130	980
CA-07	CA-07-10	8 to 10 feet bls	5/27/2015	n/a	2.9	n/a	n/a
CA-08	CA-08-0.5	0 to 0.5 feet bls	5/27/2015	0.090i	2.9	16	56
CA-08	CA-08-02	0.5 to 2 feet bls	5/27/2015	0.062U	0.76	5.4	18
CA-08	CA-08-04	2 to 4 feet bls	5/27/2015	0.063U	1.3	19	***74***
CA-08	CA-08-06	4 to 6 feet bls	5/27/2015	0.064U	2.6	8.1	36
CA-08	CA-08-08	6 to 8 feet bls	5/27/2015	0.065U	2.4	16	37
CA-08	CA-08-10	8 to 10 feet bls	5/27/2015	n/a	**50**	n/a	n/a
CA-09	CA-09-0.5	0 to 0.5 feet bls	5/27/2015	0.062U	0.85	3.6	13
CA-09	CA-09-02	0.5 to 2 feet bls	5/27/2015	0.15i	0.54	3.3	13
CA-09	CA-09-04	2 to 4 feet bls	5/27/2015	0.17i	3.1	13	47
CA-09	CA-09-06	4 to 6 feet bls	5/27/2015	0.064U	1.9	13	50
CA-09	CA-09-08	6 to 8 feet bls	5/27/2015	0.065U	2.2	5	17
CA-09	CA-09-10	8 to 10 feet bls	5/27/2015	n/a	2.8	n/a	n/a
CA-10	CA-10-0.5	0 to 0.5 feet bls	5/27/2015	0.35i	4.4	13	55
CA-10	CA-10-02	0.5 to 2 feet bls	5/27/2015	0.10i	***6.5***	33	***76***
CA-10	CA-10-04	2 to 4 feet bls	5/27/2015	0.065U	***6.8***	10	44
CA-10	CA-10-06	4 to 6 feet bls	5/27/2015	0.11i	3.9	8.8	28
CA-10	CA-10-08	6 to 8 feet bls	5/27/2015	0.96	2.1	7.5	25
CA-10	CA-10-10	8 to 10 feet bls	5/27/2015	n/a	2.1	n/a	n/a
CA-11	CA-11-0.5	0 to 0.5 feet bls	5/27/2015	0.89	**25**	14	50
CA-11	CA-11-02	0.5 to 2 feet bls	5/27/2015	0.33i	***9.8***	18	53
CA-11	CA-11-04	2 to 4 feet bls	5/27/2015	0.31i	***5.9***	6.1	21
CA-11	CA-11-06	4 to 6 feet bls	5/27/2015	0.38i	***5.3***	12	40
CA-11	CA-11-08	6 to 8 feet bls	5/27/2015	0.36i	***7.3***	9.1	31
CA-12	CA-12-0.5	0 to 0.5 feet bls	5/27/2015	1.5	3	21	***69***
CA-12	CA-12-02	0.5 to 2 feet bls	5/27/2015	0.063U	0.95	2.5	7.6
CA-12	CA-12-04	2 to 4 feet bls	5/27/2015	0.063U	1.7	2.4	9.8
CA-12	CA-12-06	4 to 6 feet bls	5/27/2015	0.064U	2.5	39	39
CA-12	CA-12-08	6 to 8 feet bls	5/27/2015	0.068i	3	18	52
CA-12	CA-12-10	8 to 10 feet bls	5/27/2015	n/a	2.6	n/a	n/a
CA-13	CA-13-0.5	0 to 0.5 feet bls	5/27/2015	0.51i	1.3	6.8	26
CA-13	CA-13-02	0.5 to 2 feet bls	5/27/2015	0.063U	0.66	4.6	12
CA-13	CA-13-04	2 to 4 feet bls	5/27/2015	0.24i	3	7.3	***140***
CA-13	CA-13-06	4 to 6 feet bls	5/27/2015	0.11i	2.5	14	57
CA-13	CA-13-08	6 to 8 feet bls	5/27/2015	0.15i	2.8	13	35
CA-13	CA-13-10	8 to 10 feet bls	5/27/2015	n/a	3.6	n/a	n/a
CA-14	CA-14-0.5	0 to 0.5 feet bls	5/27/2015	0.42i	3.3	8.7	39
CA-14	CA-14-02	0.5 to 2 feet bls	5/27/2015	0.13i	2	8.8	30
CA-14	CA-14-04	2 to 4 feet bls	5/27/2015	0.13i	5	14	45
CA-14	CA-14-06	4 to 6 feet bls	5/27/2015	1.6	3.2	12	42
CA-14	CA-14-08	6 to 8 feet bls	5/27/2015	0.30i	***11***	19	52
CA-14	CA-14-10	8 to 10 feet bls	5/27/2015	n/a	4	n/a	n/a
CA-15	CA-15-0.5	0 to 0.5 feet bls	5/27/2015	0.065i	3.9	6.7	33
CA-15	CA-15-02	0.5 to 2 feet bls	5/27/2015	0.064U	3.4	6.3	30
CA-15	CA-15-04	2 to 4 feet bls	5/27/2015	0.79	***6.8***	22	***76***
CA-15	CA-15-06	4 to 6 feet bls	5/27/2015	0.066U	2.3	7.6	28
CA-15	CA-15-08	6 to 8 feet bls	5/27/2015	0.25i	3.2	14	45

Point ID	Sample ID	Sample Depth	Sample Date	Antimony	Arsenic	Nickel	Vanadium
				mg/kg	mg/kg	mg/kg	mg/kg
SCTL Residential Direct Exposure				***27***	***5.2***	***340***	***67***
SCTL Commercial/Industrial Direct Exposure				**370**	**12**	**35000**	**10000**
SCTL Leachability to Groundwater				5.4	**	130	980
CA-16	CA-16-0.5	0 to 0.5 feet bls	5/27/2015	n/a	2.1	n/a	n/a
CA-16	CA-16-02	0.5 to 2 feet bls	5/27/2015	n/a	0.46i	n/a	n/a
CA-16	CA-16-04	2 to 4 feet bls	5/27/2015	n/a	0.89	n/a	n/a
CA-16	CA-16-06	4 to 6 feet bls	5/27/2015	n/a	0.9	n/a	n/a
CA-16	CA-16-08	6 to 8 feet bls	5/27/2015	n/a	1.2	n/a	n/a
CA-16	CA-16-10	8 to 10 feet bls	5/27/2015	n/a	1.1	n/a	n/a
CA-17	CA-17-0.5	0 to 0.5 feet bls	5/27/2015	n/a	0.91	n/a	n/a
CA-17	CA-17-02	0.5 to 2 feet bls	5/27/2015	n/a	0.73	n/a	n/a
CA-17	CA-17-04	2 to 4 feet bls	5/27/2015	n/a	0.16i	n/a	n/a
CA-17	CA-17-06	4 to 6 feet bls	5/27/2015	n/a	0.096U	n/a	n/a
CA-17	CA-17-08	6 to 8 feet bls	5/27/2015	n/a	0.16i	n/a	n/a
CA-17	CA-17-10	8 to 10 feet bls	5/27/2015	n/a	0.15i	n/a	n/a
CA-18	CA-18-0.5	0 to 0.5 feet bls	5/27/2015	n/a	4.1	n/a	n/a
CA-18	CA-18-02	0.5 to 2 feet bls	5/27/2015	n/a	1.3	n/a	n/a
CA-18	CA-18-04	2 to 4 feet bls	5/27/2015	n/a	0.095U	n/a	n/a
CA-18	CA-18-06	4 to 6 feet bls	5/27/2015	n/a	0.094U	n/a	n/a
CA-18	CA-18-08	6 to 8 feet bls	5/27/2015	n/a	0.12i	n/a	n/a
CA-18	CA-18-10	8 to 10 feet bls	5/27/2015	n/a	0.15i	n/a	n/a
CA-19	CA-19-0.5	0 to 0.5 feet bls	5/27/2015	n/a	3.8	n/a	n/a
CA-19	CA-19-02	0.5 to 2 feet bls	5/27/2015	n/a	**19**	n/a	n/a
CA-19	CA-19-04	2 to 4 feet bls	5/27/2015	n/a	0.67	n/a	n/a
CA-19	CA-19-06	4 to 6 feet bls	5/27/2015	n/a	0.35i	n/a	n/a
CA-19	CA-19-08	6 to 8 feet bls	5/27/2015	n/a	0.17i	n/a	n/a
CA-19	CA-19-10	8 to 10 feet bls	5/27/2015	n/a	0.10i	n/a	n/a
CA-20	CA-20-0.5	0 to 0.5 feet bls	5/27/2015	n/a	5.1	n/a	6.9
CA-20	CA-20-02	0.5 to 2 feet bls	5/27/2015	n/a	1.9	n/a	6.8
CA-20	CA-20-04	2 to 4 feet bls	5/27/2015	n/a	***7.6***	n/a	8
CA-20	CA-20-06	4 to 6 feet bls	5/27/2015	n/a	0.65	n/a	n/a
CA-20	CA-20-08	6 to 8 feet bls	5/27/2015	n/a	0.63	n/a	n/a
CA-20	CA-20-10	8 to 10 feet bls	5/27/2015	n/a	1.4	n/a	n/a
CA-21	CA-21-0.5	0 to 0.5 feet bls	5/27/2015	n/a	3.6	n/a	n/a
CA-21	CA-21-02	0.5 to 2 feet bls	5/27/2015	n/a	3.2	n/a	n/a
CA-21	CA-21-04	2 to 4 feet bls	5/27/2015	n/a	***6***	n/a	n/a
CA-21	CA-21-06	4 to 6 feet bls	5/27/2015	n/a	4.1	n/a	n/a
CA-22	CA-22-0.5	0 to 0.5 feet bls	5/28/2015	n/a	***6.2***	n/a	n/a
CA-22	CA-22-02	0.5 to 2 feet bls	5/28/2015	n/a	***11***	n/a	n/a
CA-22	CA-22-04	2 to 4 feet bls	5/28/2015	n/a	0.19i	n/a	n/a
CA-22N	CA-22N-0.5	0 to 0.5 feet bls	7/15/2015	n/a	5.1	n/a	n/a
CA-22N	CA-22N-2	0.5 to 2 feet bls	7/15/2015	n/a	0.19i	n/a	n/a
CA-22S	CA-22S-05	0 to 0.5 feet bls	7/15/2015	n/a	***6.6***	n/a	n/a
CA-22S	CA-22S-2	0.5 to 2 feet bls	7/15/2015	n/a	***9.3***	n/a	n/a
CA-22S	CA-22S-4	2 to 4 feet bls	7/15/2015	n/a	**19**	n/a	n/a
CA-22W	CA-22W-0.5	0 to 0.5 feet bls	7/15/2015	n/a	3.1	n/a	n/a
CA-22W	CA-22W-2	0.5 to 2 feet bls	7/15/2015	n/a	1.2	n/a	n/a
CA-22SW	CA-22SW-0.5	0 to 0.5 feet bls	7/15/2015	n/a	1.2	n/a	n/a
CA-22SW	CA-22SW-2	0.5 to 2 feet bls	7/15/2015	n/a	0.94	n/a	n/a
CA-22SW	CA-22SW-4	2 to 4 feet bls	7/15/2015	n/a	0.57	n/a	n/a

Point ID	Sample ID	Sample Depth	Sample Date	Antimony	Arsenic	Nickel	Vanadium
				mg/kg	mg/kg	mg/kg	mg/kg
SCTL Residential Direct Exposure				***27***	***5.2***	***340***	***67***
SCTL Commercial/Industrial Direct Exposure				**370**	**12**	**35000**	**10000**
SCTL Leachability to Groundwater				5.4	**	130	980
CA-22S1	CA-22S1-0.5	0 to 0.5 feet bls	7/15/2015	n/a	1.2	n/a	n/a
CA-22S1	CA-22S1-2	0.5 to 2 feet bls	7/15/2015	n/a	0.94	n/a	n/a
CA-22S1	CA-22S1-4	2 to 4 feet bls	7/15/2015	n/a	0.57	n/a	n/a
CA-23	CA-23-0.5	0 to 0.5 feet bls	5/28/2015	n/a	0.20i	n/a	n/a
CA-23	CA-23-02	0.5 to 2 feet bls	5/28/2015	n/a	1.8	n/a	n/a
CA-23	CA-23-04	2 to 4 feet bls	5/28/2015	n/a	0.17i	n/a	n/a
CA-24	CA-24-0.5	0 to 0.5 feet bls	5/28/2015	n/a	***8.1***	n/a	n/a
CA-24	CA-24-02	0.5 to 2 feet bls	5/28/2015	n/a	5.1	n/a	n/a
CA-24	CA-24-04	2 to 4 feet bls	5/28/2015	n/a	0.24i	n/a	n/a
CA-24	CA-24-06	4 to 6 feet bls	5/28/2015	n/a	0.15i	n/a	n/a
CA-24	CA-24-08	6 to 8 feet bls	5/28/2015	n/a	0.18i	n/a	n/a
CA-25	CA-25-04	2 to 4 feet bls	5/28/2015	n/a	1.2	n/a	n/a
CA-25	CA-25-06	4 to 6 feet bls	5/28/2015	n/a	0.17i	n/a	n/a
CA-26	CA-26-04	2 to 4 feet bls	5/28/2015	n/a	1.2	n/a	n/a
CA-26	CA-26-06	4 to 6 feet bls	5/28/2015	n/a	0.15i	n/a	n/a
CA-27	CA-27-04	2 to 4 feet bls	5/28/2015	n/a	1.8	n/a	n/a
CA-27	CA-27-05	4 to 6 feet bls	5/28/2015	n/a	0.29i	n/a	n/a
CA-28	CA-28-04	2 to 4 feet bls	5/28/2015	n/a	0.16i	n/a	n/a
CA-28	CA-28-05	4 to 6 feet bls	5/28/2015	n/a	0.18i	n/a	n/a
CA-29	CA-29-04	2 to 4 feet bls	5/28/2015	n/a	0.62	n/a	n/a
CA-29	CA-29-05	4 to 6 feet bls	5/28/2015	n/a	0.35i	n/a	n/a
CA-30	CA-30-0.5	0 to 0.5 feet bls	5/28/2015	n/a	5	n/a	n/a
CA-30	CA-30-02	0.5 to 2 feet bls	5/28/2015	n/a	0.67	n/a	n/a
CA-30	CA-30-04	2 to 4 feet bls	5/28/2015	n/a	***9.5***	n/a	n/a
CA-31	CA-31-0.5	0 to 0.5 feet bls	5/28/2015	n/a	3.4	n/a	n/a
CA-31	CA-31-02	0.5 to 2 feet bls	5/28/2015	n/a	0.89	n/a	n/a
CA-31	CA-31-04	2 to 4 feet bls	5/28/2015	n/a	***6.6***	n/a	n/a
CA-32	CA-32-0.5	0 to 0.5 feet bls	5/28/2015	n/a	1	n/a	n/a
CA-32	CA-32-02	0.5 to 2 feet bls	5/28/2015	n/a	0.87	n/a	n/a
CA-32	CA-32-04	2 to 4 feet bls	5/28/2015	n/a	***6***	n/a	n/a
CA-33	CA-33-0.5	0 to 0.5 feet bls	5/28/2015	n/a	***6.1***	n/a	n/a
CA-33	CA-33-02	0.5 to 2 feet bls	5/28/2015	n/a	1.4	n/a	n/a
CA-33	CA-33-04	2 to 4 feet bls	5/28/2015	n/a	***8.6***	n/a	n/a
CA-34	CA-34-04	2 to 4 feet bls	5/28/2015	n/a	2.4	n/a	n/a
CA-34	CA-34-06	4 to 6 feet bls	5/28/2015	n/a	2.7	n/a	n/a
CA-35	CA-35-02	0.5 to 2 feet bls	5/28/2015	n/a	2.6	n/a	n/a
CA-35	CA-35-04	2 to 4 feet bls	5/28/2015	n/a	1.1	n/a	n/a
CA-36	CA-36-04	2 to 4 feet bls	5/28/2015	n/a	0.35i	n/a	n/a
CA-36	CA-36-06	4 to 6 feet bls	5/28/2015	n/a	4.7	n/a	n/a
CA-37	CA-37-04	2 to 4 feet bls	5/28/2015	n/a	1.3	n/a	n/a
CA-37	CA-37-06	4 to 6 feet bls	5/28/2015	n/a	2.9	n/a	n/a
CA-38	CA-38-04	2 to 4 feet bls	5/28/2015	n/a	3.1	n/a	n/a
CA-38	CA-38-06	4 to 6 feet bls	5/28/2015	n/a	***6***	n/a	n/a
CA-39	CA-39-04	2 to 4 feet bls	5/28/2015	n/a	1.4	n/a	n/a
CA-39	CA-39-06	4 to 6 feet bls	5/28/2015	n/a	***5.8***	n/a	n/a
CA-40	CA-40-04	2 to 4 feet bls	5/28/2015	n/a	2.9	n/a	n/a
CA-40	CA-40-06	4 to 6 feet bls	5/28/2015	n/a	3.6	n/a	n/a

Point ID	Sample ID	Sample Depth	Sample Date	Antimony	Arsenic	Nickel	Vanadium
				mg/kg	mg/kg	mg/kg	mg/kg
SCTL Residential Direct Exposure				***27***	***5.2***	***340***	***67***
SCTL Commercial/Industrial Direct Exposure				**370**	**12**	**35000**	**10000**
SCTL Leachability to Groundwater				5.4	**	130	980
CA-41	CA-41-04	2 to 4 feet bls	5/28/2015	n/a	2.5	n/a	n/a
CA-41	CA-41-06	4 to 6 feet bls	5/28/2015	n/a	2.6	n/a	n/a

Notes:

mg/kg = milligrams per kilogram

SCTL = Soil Cleanup Target Level as provided by Chapter 62-777 FAC

5.2 = Background concentration of arsenic in soil from 6" - 24" (5 mg/kg) in southern Miami-Dade County, per Miami-Dade County Regulatory & Economic Resources memorandum "Miami-Dade County Anthropogenic Background Study," dated April 3, 2014.

** Leachability values may be derived using the SPLP Test to calculate site-specific SCTL's or may be determined using TCLP in the event oily wastes are present

Red, Bold, Underlined = Exceeds Commercial/Industrial Direct Exposure SCTL

Blue, Bold, Italics = Exceeds Residential Direct Exposure SCTL

Indicates concentration exceeds SCTL for Leachability to Groundwater

U = indicates that the compound was analyzed, but not detected

i = indicates the reported value is between the laboratory MDL and the laboratory PQL

J-03 = indicates matrix spike recovery exceeded method acceptance limits

n/a = Not analyzed

Table E2
Recent Soil Analytical Results (PAHs and TRPH)
Florida Power & Light Company
Former Cutler Power Plant Property
HWR-442/File-16360/IW-79
Miami, Florida

Constituents of Concern				1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo (a) anthracene	Benzo (a) pyrene	Benzo (b) fluoranthene	Benzo (g,h,i) perylene	Benzo (k) fluoranthene	Chrysene	Dibenz (a,h) anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene	Benzo(a)pyrene equivalents	TRPH
Point ID	Sample ID	Sample Depth	Sample Date																				
SCTL Residential Direct Exposure				200	210		1800	21000	#	0.1	#	2500	#	#	#	3200	2600	#	55	2200	2400	0.1	460
SCTL Commercial/Industrial Direct Exposure				1800	2100	20000	20000	300000	#	0.7	#	52000	#	#	#	59000	33000	#	300	36000	45000	0.7	2700
SCTL Leachability to Groundwater				3.1	8.5	2.1	27	2500	0.8	8	2.4	32000	24	77	0.7	1200	160	6.6	1.2	250	880	n/a	340
Units				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
CA-01	CA-01-0.5	0 to 0.5 feet bls	5/27/2015	0.069U	0.042U	0.026U	0.026U	0.109	0.662	0.576	1.05	0.418	0.263	0.69	0.143	1.19	0.029U	0.44	0.030U	0.292	0.798	0.9	67.5
CA-01	CA-01-02	0.5 to 2 feet bls	5/27/2015	0.069U	0.042U	0.026U	0.026U	0.045i	0.412	0.379	0.611	0.276	0.176	0.42	0.099i	0.6	0.029U	0.292	0.030U	0.101i	0.514	0.6	68
CA-01	CA-01-04	2 to 4 feet bls	5/27/2015	0.069U	0.042U	0.026U	0.026U	0.016U	0.037i	0.042i	0.063i	0.041U	0.012U	0.036i	0.040U	0.078i	0.029U	0.039i	0.030U	0.019U	0.058i	0.1	17.5i
CA-01	CA-01-06	4 to 6 feet bls	5/27/2015	0.077U	0.047U	0.128	0.029U	0.522	1.3	1.05	1.7	0.686	0.561	1.33	0.237	2.99	0.119i	0.742	0.033U	1.89	1.91	1.7	178
CA-01	CA-01-08	6 to 8 feet bls	5/27/2015	0.071U	0.043U	0.068i	0.027U	0.288	0.611	0.515	0.821	0.4	0.241	0.61	0.124	1.62	0.039i	0.411	0.031U	1.02	0.819	0.8	137
CA-01	CA-01-10	8 to 10 feet bls	5/27/2015	0.070U	0.043U	0.19	0.027U	0.482	0.934	0.724	1.3	0.452	0.396	0.989	0.167	2.35	0.153	0.519	0.041i	1.7	1.46	1.2	n/a
CA-02	CA-02-0.5	0 to 0.5 feet bls	5/27/2015	0.067U	0.041U	0.025U	0.026U	0.015U	0.439	0.403	0.669	0.275	0.234	0.402	0.086i	0.737	0.028U	0.267	0.029U	0.111	0.522	0.6	37.4
CA-02	CA-02-02	0.5 to 2 feet bls	5/27/2015	0.069U	0.042U	0.026U	0.026U	0.248	1.04	0.959	1.42	0.656	0.486	1.05	0.225	2.27	0.029U	0.769	0.030U	0.502	1.24	1.5	95.6
CA-02	CA-02-04	2 to 4 feet bls	5/27/2015	0.070U	0.043U	0.026U	0.027U	0.016U	0.017U	0.024U	0.017U	0.041U	0.012U	0.023U	0.041U	0.017U	0.030U	0.021U	0.030U	0.020U	0.025U	-	16.8i
CA-02	CA-02-06	4 to 6 feet bls	5/27/2015	0.068U	0.041U	0.026U	0.026U	0.052i	0.272	0.190	0.342	0.139	0.107i	0.275	0.054i	0.529	0.029U	0.147	0.029U	0.195	0.308	0.3	26.6
CA-02	CA-02-08	6 to 8 feet bls	5/27/2015	0.352U	0.213U	0.321i	0.134U	2.57	6.59	4.88	7.99	2.94	2.55	6.71	1.15	15.4	0.390i	3.46	0.152U	8.33	8.9	7.9	370
CA-02	CA-02-10	8 to 10 feet bls	5/27/2015	0.072U	0.044U	0.050i	0.028U	0.2	0.624	0.489	0.832	0.293	0.277	0.668	0.118	1.38	0.046i	0.34	0.031U	0.768	0.997	0.8	79.7
CA-03	CA-03-0.5	0 to 0.5 feet bls	5/27/2015	0.066U	0.040U	0.025U	0.025U	0.056i	0.361	0.316	0.565	0.244	0.141	0.386	0.082i	0.774	0.028U	0.255	0.029U	0.163	0.524	0.5	80.5
CA-03	CA-03-02	0.5 to 2 feet bls	5/27/2015	0.068U	0.041U	0.025U	0.026U	0.016U	0.017U	0.024i	0.039i	0.040U	0.012U	0.022U	0.039U	0.031i	0.029U	0.026i	0.029U	0.019U	0.024i	0.1	23.2
CA-03	CA-03-04	2 to 4 feet bls	5/27/2015	0.069U	0.042U	0.027i	0.026U	0.123	0.702	1.41	1.98	1.02	0.693	0.871	0.3	0.907	0.029U	1.16	0.030U	0.364	0.915	2.1	113
CA-03	CA-03-06	4 to 6 feet bls	5/27/2015	0.341U	0.207U	1.13	0.130U	6.26	11.5	8.82	13.3	4.8	4.25	10.6	1.93	24.2	1.86	5.53	0.147U	17.4	14.8	13.8	547
CA-03	CA-03-08	6 to 8 feet bls	5/27/2015	0.071U	0.043U	0.153	0.027U	0.466	0.875	0.736	1.22	0.541	0.34	0.873	0.162	2.39	0.134	0.606	0.030U	1.63	1.22	1.2	105
CA-03	CA-03-10	8 to 10 feet bls	5/27/2015	0.071U	0.043i	0.237	0.027U	0.405	0.84	0.706	1.12	0.432	0.44	0.86	0.143	2.36	0.163	0.494	0.064i	2.09	1.69	1.1	n/a
CA-04	CA-04-0.5	0 to 0.5 feet bls	5/27/2015	0.068U	0.041U	0.026U	0.026U	0.016U	0.040i	0.051i	0.078i	0.070i	0.032i	0.047i	0.040U	0.069i	0.029U	0.067i	0.029U	0.019U	0.046i	0.1	89
CA-04	CA-04-02	0.5 to 2 feet bls	5/27/2015	0.068U	0.041U	0.026U	0.026U	0.034i	0.154	0.167	0.249	0.112	0.096i	0.167	0.041i	0.308	0.029U	0.132	0.030U	0.077i	0.229	0.3	57.1
CA-04	CA-04-04	2 to 4 feet bls	5/27/2015	0.068U	0.041U	0.116	0.026U	0.425	1.18	0.950	1.63	0.647	0.534	1.23	0.219	2.7	0.093i	0.684	0.029U	1.5	1.73	1.5	154
CA-04	CA-04-06	4 to 6 feet bls	5/27/2015	0.066U	0.040U	0.063i	0.025U	0.293	0.971	0.771	1.25	0.495	0.404	0.95	0.168	2.06	0.057i	0.563	0.028U	1.08	1.23	1.2	134
CA-04	CA-04-08	6 to 8 feet bls	5/27/2015	0.070U	0.042U	0.087i	0.027U	0.306	0.814	0.678	1.17	0.479	0.393	0.858	0.158	2.09	0.064i	0.511	0.030U	1.06	1.13	1.1	164
CA-05	CA-05-0.5	0 to 0.5 feet bls	5/27/2015	0.068U	0.041U	0.025U	0.026U	0.016U	0.229	0.268	0.516	0.235	0.182	0.318	0.066i	0.615	0.029U	0.252	0.029U	0.147	0.428	0.4	28.3
CA-05	CA-05-02	0.5 to 2 feet bls	5/27/2015	0.070U	0.043U	0.18	0.027U	0.734	2.05	1.69	2.91	1.29	0.968	2.24	0.409	5.68	0.128	1.41	0.030U	2.32	2.67	2.7	378
CA-05	CA-05-04	2 to 4 feet bls	5/27/2015	0.071U	0.043U	0.22	0.027U	0.546	1.26	1.11	2	0.871	0.67	1.47	0.273	3.98	0.129	0.939	0.031U	2.01	2.27	1.8	630
CA-05	CA-05-06	4 to 6 feet bls	5/27/2015	0.067U	0.040U	0.025U	0.025U	0.015U	0.111	0.105	0.182	0.111	0.054i	0.101i	0.039U	0.211	0.028U	0.113	0.029U	0.050i	0.127	0.2	110
CA-05	CA-05-08	6 to 8 feet bls	5/27/2015	0.069U	0.042U	0.026U	0.026U	0.016U	0.062i	0.091i	0.151	0.093i	0.050i	0.095i	0.040U	0.163	0.029U	0.102i	0.030U	0.020U	0.089i	0.1	100
CA-05W	CA-05W-0.5	0 to 0.5 feet bls	7/15/2015	0.105 U	0.105 U	0.053 U	0.053 U	0.053 U	0.082i	0.108i	0.178	0.126	0.067i	0.132	0.0076 U	0.200i	0.053 U	0.088i	0.105 U	0.099i	0.155i	0.1	n/a
CA-05W	CA-05W-2	0.5 to 2 feet bls	7/15/2015	0.102 U	0.102 U	0.051 U	0.051 U	0.051 U	0.031 U	0.019 U	0.027 U	0.031 U	0.031 U	0.031 U	0.0073 U	0.051 U	0.051 U	0.031 U	0.102 U	0.051 U	0.051 U	-	n/a
CA-05W	CA-05W-4	2 to 4 feet bls	7/15/2015	0.110 U	0.110 U	0.055 U	0.055 U	0.055 U	0.033 U	0.020 U	0.028 U	0.033 U	0.033 U	0.033 U	0.0079 U	0.055 U	0.055 U	0.033 U	0.110 U	0.055 U	0.055 U	-	n/a
CA-05W	CA-05W-6	4 to 6 feet bls	7/15/2015	0.117 U	0.117 U	0.059 U	0.059 U	0.059 U	0.035 U	0.022 U	0.03 U	0.035 U	0.035 U	0.035 U	0.0084 U	0.059 U	0.059 U	0.035 U	0.117 U	0.059 U	0.059 U	-	n/a
CA-06	CA-06-0.5	0 to 0.5 feet bls	5/27/2015	0.070U	0.042U	0.026U	0.027U	0.156	0.862	0.665	1.05	0.379	0.414	0.789	0.135	1.85	0.029U	0.449	0.030U	0.571	1.01	1.0	n/a
CA-06	CA-06-02	0.5 to 2 feet bls	5/27/2015	0.067U	0.040U	0.025U	0.026U	0.075i	0.25	0.228	0.367	0.186	0.113	0.272	0.056i	0.622	0.028U	0.196	0.029U	0.265	0.332	0.4	108
CA-06	CA-06-04	2 to 4 feet bls	5/27/2015	0.072U	0.043U	0.162	0.027U	0.753	2.03	1.72	2.69	1.14	1.02	2.07	0.377	4.56	0.149	1.27	0.031U	2.35	2.84	2.7	64.5
CA-06	CA-06-06	4 to 6 feet bls	5/27/2015	0.068U	0.041U	0.026U	0.026U	0.016U	0.121	0.136	0.228	0.139	0.064i	0.143	0.040U	0.205	0.029U	0.146	0.029U	0.047i	0.143	0.2	334
CA-06	CA-06-08	6 to 8 feet bls	5/27/2015	0.069U	0.042U	0.026U	0.026U	0.016U	0.031i	0.048i	0.082i	0.053i	0.033i	0.051i	0.040U	0.092i	0.029U	0.057i	0.030U	0.019U	0.062i	0.1	76.9
CA-07	CA-07-0.5	0 to 0.5 feet bls	5/27/2015	0.067U	0.040U	0.025U	0.025U	0.046i	0.378	0.380	0.635	0.303	0.195	0.376	0.092i	0.577	0.028U	0.339	0.029U	0.098i	0.4	0.6	30
CA-07	CA-07-02	0.5 to 2 feet bls	5/27/2015	0.067U	0.040U	0.025U	0.026U	0.015U	0.061i	0.101i	0.155	0.111	0.066i	0.098i	0.039U	0.186	0.028U	0.12	0.029U	0.019U	0.115	0.2	n/a
CA-07	CA-07-04	2 to 4 feet bls	5/27/2015	0.068U	0.041U	0.025U	0.026U	0.016U	0.025i	0.030i	0.049i	0.040U	0.012U	0.022U	0.039U	0.049i	0.029U	0.031i	0.029U	0.019U	0.033i	0.1	104
CA-07	CA-07-06	4 to 6 feet bls	5/27/2015	0.069U	0.042U	0.026U	0.026U	0.090i	0.379	0.367	0.599	0.313	0.222	0.405	0.090i	0.828	0.029U	0.335	0.030U	0.252	0.403	0.6	148
CA-07	CA-07-08	6 to 8 feet bls	5/27/2015	0.349U	0.211U	0.329i	0.133U	2.93	6.64	5.16	8.45	2.75	2.99	6.22	0.993	15.7	0.517i	3.43	0.151U	7.7	8.95	8.0	24.6
CA-07	CA-07-10	8 to 10 feet bls	5/27/2015	0.074U	0.084i	0.643	0.044i	4.3	7.84	6.09	9.9	3.2	2.4	6.82	1.09	15.1	0.988	3.97	0.074i	11.2	10.7	9.4	117
CA-08	CA-08-0.5	0 to 0.5 feet bls	5/27/2015	0.349U	0.211U	3.11	0.133U	8.41	20.7	20.3	27.4	12.5	9.06	20.3	3.85	50.6	2.46	13.4	0.150U	27.1	30.3	30.4	596
CA-08	CA-08-02	0.5 to 2 feet bls	5/27/2015	0.067U	0.040U	0.025U	0.026U	0.015U	0.016U	0.022U	0.016U	0.039U	0.012U	0.022U	0.039U	0.016U	0.028U	0.020U	0.029U	0.019U	0.023U	-	513
CA-08	CA-08-04	2 to 4 feet bls	5/27/2015	0.068U	0.041U	0.025U	0.026U	0.016U	0.017U	0.023U	0.016U	0.040U	0.012U	0.022U	0.039U	0.017U	0.029U	0.021U	0.029U	0.019U	0.024U	-	947
CA-08	CA-08-06	4 to 6 feet bls	5/27/2015	0.070U	0.042U	0.14	0.027U	0.316	0.554	0.498	0.819	0.463	0.292	0.592	0.132	1.67	0.078i	0.486	0.030U	1.35	0.974	0.8	10.6U
CA-08	CA-08-08	6 to 8 feet bls	5/27/2015	0.070U	0.043U	0.218	0.027U	1.34	2.73	2.06	3.15	1.2	1.11	2.59	0.43	6.04	0.291	1.38	0.030U	3.78	3.43	3.2	10.8U
CA-08	CA-08-10	8 to 10 feet bls	5/27/2015	0.073U	0.044U	0.144	0.028U	0.663	1.73	1.34	2.25	0.817	0.676	1.73	0.317	3.68	0.142	0.927	0.031U	2.05	2.61	2.2	179
CA-09	CA-09-0.5	0 to 0.5 feet bls	5/27/2015	0.067U	0.041U	0.025U	0.026U	0.078i	0.485	0.440	0.685	0.325	0.269	0.502	0.115	0.927	0.028U	0.403	0.029U	0.19	0.537	0.7	351
CA-09	CA-09-02	0.5 to 2 feet bls	5/27/2015	0.068U	0.041U	0.025U	0.026U	0.016U	0.017U	0.023U	0.016U	0.040U	0.012U	0.022U	0.039U	0.017U	0.029U	0.021U	0.029U	0.019U	0.024U	-	136
CA-09	CA-09-04	2 to 4 feet bls	5/27/2015	0.067U	0.041U	0.025U	0.026U	0.211	1.11	0.871	1.43	0.563	0.458	1.09	0.22	2.24	0.028U	0.692	0.029U	0.385	1.27	1.4	94.8
CA-09	CA-09-06	4 to 6 feet bls	5/27/2015	0.351U	0.213U	0.131U	0.134U	0.387i	0.673	0.74	0.999	0.707	0.376i	0.69	0.204U	1.99	0.148U	0.715	0.151U	1.67	1.03	1.1	13.4i
CA-09	CA-09-08	6 to 8 feet bls	5/27/2015	0.071U	0.043U	0.027U	0.027U	0.129	0.273	0.252	0.406	0.162	0.143	0.284	0.062i	0.719	0.030U	0.173	0.031U	0.463	0.371	0.4	134
CA-09	CA-09-10	8 to 10 feet bls	5/27/2015	0.072U	0.044U	0.063i	0.028U	0.205	0.475	0.389	0.65	0.274	0.225	0.492	0.107i	1.11	0.049i	0.306	0.031U	0.693	0.762	0.6	290
CA-10	CA-10-0.5	0 to 0.5 feet bls	5/27/2015	0.067U	0.040U	0.025U	0.026U	0.015U	0.238	0.253	0.418	0.183	0.132	0.257	0.060i	0.392	0.028U	0.203	0.029U	0.068i	0.336	0.4	109

Constituents of Concern				1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo (a) anthracene	Benzo (a) pyrene	Benzo (b) fluoranthene	Benzo (g,h,i) perylene	Benzo (k) fluoranthene	Chrysene	Dibenz (a,h) anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene	Benzo(a)pyrene equivalents	TRPH
Point ID	Sample ID	Sample Depth	Sample Date																				
SCTL Residential Direct Exposure				200	210		1800	21000	#	0.1	#	2500	#	#	#	3200	2600	#	55	2200	2400	0.1	460
SCTL Commercial/Industrial Direct Exposure				1800	2100	20000	20000	300000	#	0.7	#	52000	#	#	#	59000	33000	#	300	36000	45000	0.7	2700
SCTL Leachability to Groundwater				3.1	8.5	2.1	27	2500	0.8	8	2.4	32000	24	77	0.7	1200	160	6.6	1.2	250	880	n/a	340
Units				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
CA-10	CA-10-02	0.5 to 2 feet bls	5/27/2015	0.068U	0.041U	0.025U	0.026U	0.016U	0.047i	0.070i	0.133	0.076i	0.030i	0.073i	0.039U	0.108	0.029U	0.081i	0.029U	0.023i	0.085i	0.1	n/a
CA-10	CA-10-04	2 to 4 feet bls	5/27/2015	0.350U	0.212U	0.144i	0.134U	0.549i	1.03	0.907	1.33	0.81	0.441i	1	0.383i	2.53	0.147U	0.89	0.151U	1.83	1.59	1.6	110
CA-10	CA-10-06	4 to 6 feet bls	5/27/2015	0.068U	0.041U	0.025U	0.026U	0.046i	0.133	0.133	0.232	0.096i	0.069i	0.154	0.039U	0.299	0.029U	0.115	0.029U	0.164	0.211	0.2	64
CA-10	CA-10-08	6 to 8 feet bls	5/27/2015	0.071U	0.043U	0.074i	0.027U	0.315	0.665	0.515	0.851	0.364	0.331	0.674	0.13	1.68	0.050i	0.413	0.031U	1	0.848	0.8	217
CA-10	CA-10-10	8 to 10 feet bls	5/27/2015	0.069U	0.042U	0.122	0.027U	0.417	0.939	0.735	1.17	0.393	0.439	0.939	0.166	2.06	0.095i	0.487	0.030U	1.39	1.44	1.2	75
CA-11	CA-11-0.5	0 to 0.5 feet bls	5/27/2015	0.334U	0.202U	0.125U	0.128U	0.077U	0.542	0.545	1.01	0.64	0.333i	0.606	0.194U	1.64	0.141U	0.617	0.144U	0.651	0.751	0.8	132
CA-11	CA-11-02	0.5 to 2 feet bls	5/27/2015	0.351U	0.212U	0.131U	0.134U	0.081U	0.434i	0.553i	0.943	0.578	0.256i	0.545i	0.204U	1.15	0.148U	0.595	0.151U	0.275i	0.651	0.9	n/a
CA-11	CA-11-04	2 to 4 feet bls	5/27/2015	0.069U	0.042U	0.026U	0.026U	0.016U	0.017U	0.023U	0.016U	0.040U	0.012U	0.022U	0.040U	0.017U	0.029U	0.021U	0.030U	0.019U	0.024U	-	206
CA-11	CA-11-06	4 to 6 feet bls	5/27/2015	0.345U	0.209U	0.520i	0.132U	2.89	5.8	4.68	6.75	2.43	2.66	5.48	0.922	11.7	0.678	2.9	0.149U	7.29	7.45	7.2	173
CA-11	CA-11-08	6 to 8 feet bls	5/27/2015	0.072U	0.044U	0.161	0.028U	0.407	0.902	0.806	1.32	0.491	0.483	0.983	0.165	2.19	0.122	0.561	0.031U	1.3	1.36	1.3	63.1
CA-12	CA-12-0.5	0 to 0.5 feet bls	5/27/2015	0.343U	0.208U	0.128U	0.131U	0.079U	0.302i	0.310i	0.459i	0.497i	0.144i	0.277i	0.199U	0.524i	0.145U	0.503i	0.148U	0.097U	0.361i	0.5	261
CA-12	CA-12-02	0.5 to 2 feet bls	5/27/2015	0.068U	0.041U	0.025U	0.026U	0.016U	0.017U	0.023U	0.016U	0.040U	0.012U	0.022U	0.039U	0.017U	0.029U	0.021U	0.029U	0.019U	0.024U	-	92.8
CA-12	CA-12-04	2 to 4 feet bls	5/27/2015	0.069U	0.042U	0.026U	0.026U	0.016U	0.017U	0.023U	0.016U	0.040U	0.012U	0.022U	0.040U	0.017U	0.029U	0.021U	0.030U	0.019U	0.024U	-	214
CA-12	CA-12-06	4 to 6 feet bls	5/27/2015	0.070U	0.042U	0.137	0.027U	0.527	1.18	0.995	1.56	0.685	0.539	1.17	0.214	3.32	0.094i	0.764	0.030U	1.81	1.44	1.6	10.7U
CA-12	CA-12-08	6 to 8 feet bls	5/27/2015	0.071U	0.043U	0.157	0.027U	1.01	2.29	1.96	2.9	1.17	1.19	2.14	0.422	5.56	0.137	1.35	0.031U	2.69	3.07	3.1	16.8i
CA-12	CA-12-10	8 to 10 feet bls	5/27/2015	0.072U	0.044U	0.12	0.028U	0.268	0.627	0.528	0.882	0.353	0.337	0.671	0.137	1.48	0.067i	0.395	0.031U	1.06	1.07	0.9	146
CA-13	CA-13-0.5	0 to 0.5 feet bls	5/27/2015	0.067U	0.040U	0.025U	0.025U	0.015U	0.234	0.264	0.377	0.301	0.149	0.219	0.085i	0.416	0.028U	0.309	0.029U	0.100i	0.246	0.4	211
CA-13	CA-13-02	0.5 to 2 feet bls	5/27/2015	0.069U	0.042U	0.026U	0.026U	0.016U	0.030i	0.031i	0.048i	0.040U	0.019i	0.028i	0.040U	0.046i	0.029U	0.021U	0.030U	0.019U	0.034i	0.1	n/a
CA-13	CA-13-04	2 to 4 feet bls	5/27/2015	0.068U	0.041U	0.025U	0.026U	0.016U	0.017U	0.023U	0.016U	0.040U	0.012U	0.022U	0.039U	0.039i	0.029U	0.021U	0.029U	0.019U	0.024U	-	118
CA-13	CA-13-06	4 to 6 feet bls	5/27/2015	0.070U	0.042U	0.261	0.027U	1.23	2.79	2.32	3.43	1.46	1.26	2.72	0.502	7.56	0.237	1.66	0.030U	3.73	3.24	3.6	17.3i
CA-13	CA-13-08	6 to 8 feet bls	5/27/2015	0.070U	0.043U	0.154	0.027U	1.4	3.24	2.83	4.55	1.47	1.47	3.32	0.509	7.21	0.189	1.71	0.030U	3.95	4.85	4.3	13.4i
CA-13	CA-13-10	8 to 10 feet bls	5/27/2015	0.074U	0.045U	0.268	0.028U	0.969	2.06	1.63	2.64	0.872	0.74	1.9	0.325	4.31	0.244	1.04	0.032U	3.09	2.92	2.5	296
CA-14	CA-14-0.5	0 to 0.5 feet bls	5/27/2015	0.067U	0.040U	0.025U	0.026U	0.178	0.386	0.344	0.544	0.314	0.218	0.373	0.108	0.9	0.028U	0.355	0.029U	0.466	0.507	0.6	294
CA-14	CA-14-02	0.5 to 2 feet bls	5/27/2015	0.073U	0.044U	0.299	0.028U	2.28	3.5	2.95	4.3	1.57	1.64	3.24	0.578	9.4	0.506	1.89	0.031U	6.02	4.87	4.5	n/a
CA-14	CA-14-04	2 to 4 feet bls	5/27/2015	0.073U	0.044U	0.154	0.028U	1.87	4.55	3.4	5.41	1.81	2.23	4.58	0.741	10.1	0.283	2.11	0.031U	5.09	5.45	5.4	89.1
CA-14	CA-14-06	4 to 6 feet bls	5/27/2015	0.068U	0.041U	0.025U	0.026U	0.37	2.08	1.82	2.64	1.19	0.974	1.99	0.411	4.72	0.028U	1.35	0.029U	0.803	2.56	2.8	192
CA-14	CA-14-08	6 to 8 feet bls	5/27/2015	0.067U	0.041U	0.025U	0.026U	0.015U	0.499	0.434	0.863	0.388	0.307	0.553	0.118	0.93	0.028U	0.424	0.029U	0.095i	0.687	0.7	243
CA-14	CA-14-10	8 to 10 feet bls	5/27/2015	0.071U	0.043U	0.175	0.027U	0.805	1.1	0.914	1.51	0.55	0.512	1.11	0.194	3.03	0.228	0.671	0.033i	2.59	1.82	1.4	168
CA-15	CA-15-0.5	0 to 0.5 feet bls	5/27/2015	0.068U	0.041U	0.026U	0.026U	0.016U	0.275	0.37	0.657	0.469	0.262	0.423	0.126	0.888	0.029U	0.5	0.029U	0.251	0.472	0.6	112
CA-15	CA-15-02	0.5 to 2 feet bls	5/27/2015	0.070U	0.042U	0.026U	0.027U	0.016U	0.099i	0.166	0.299	0.153	0.100i	0.165	0.045i	0.277	0.030U	0.165	0.030U	0.071i	0.197	0.3	n/a
CA-15	CA-15-04	2 to 4 feet bls	5/27/2015	0.071U	0.043U	0.027U	0.027U	0.016U	0.172	0.187	0.306	0.166	0.127	0.216	0.046i	0.435	0.030U	0.178	0.031U	0.020U	0.24	0.3	130
CA-15	CA-15-06	4 to 6 feet bls	5/27/2015	0.072U	0.043U	0.205	0.027U	0.61	1.07	0.961	1.55	0.685	0.505	1.16	0.223	3.42	0.159	0.778	0.031U	2.26	1.51	1.5	106
CA-15	CA-15-08	6 to 8 feet bls	5/27/2015	0.074U	0.045U	0.347	0.028U	1.7	4.02	3.03	4.65	1.75	1.31	3.71	0.592	7.9	0.357	1.92	0.045i	4.91	5.52	4.7	111
CA-21	CA-21-0.5	0 to 0.5 feet bls	5/27/2015	0.067U	0.041U	0.025U	0.026U	0.064i	0.4	0.459	0.856	0.368	0.272	0.508	0.088i	0.761	0.028U	0.372	0.029U	0.215	0.602	0.7	224
CA-21	CA-21-02	0.5 to 2 feet bls	5/27/2015	0.067U	0.040U	0.025U	0.026U	0.015U	0.092i	0.106	0.216	0.112	0.064i	0.112	0.043i	0.186	0.028U	0.141	0.029U	0.046i	0.135	0.2	312
CA-21	CA-21-04	2 to 4 feet bls	5/27/2015	0.064U	0.039U	0.024U	0.025U	0.015U	0.030i	0.037i	0.057i	0.045i	0.020i	0.033i	0.037U	0.060i	0.027U	0.054i	0.028U	0.022i	0.047i	0.1	n/a
CA-21	CA-21-06	4 to 6 feet bls	5/27/2015	0.069U	0.042U	0.026U	0.026U	0.043i	0.187	0.214	0.343	0.166	0.13	0.217	0.055i	0.39	0.029U	0.161	0.030U	0.145	0.288	0.3	n/a
CA-21	CA-21-08	6 to 8 feet bls	5/27/2015	0.072U	0.044U	0.027U	0.027U	0.017U	0.018U	0.024U	0.017U	0.042U	0.012U	0.023U	0.042U	0.018U	0.030U	0.022U	0.031U	0.020U	0.025U	-	n/a
CA-21	CA-21-10	8 to 10 feet bls	5/27/2015	0.071U	0.043U	0.027U	0.027U	0.016U	0.018U	0.024U	0.017U	0.042U	0.012U	0.023U	0.041U	0.017U	0.030U	0.022U	0.031U	0.020U	0.025U	-	n/a
CA-22	CA-22-0.5	0 to 0.5 feet bls	5/28/2015	0.329U	0.199U	0.616	0.506i	1.42	21.3	33.3	90.9	31	17	50.6	6.29	92.8	0.407i	34	0.496i	46.6	68.6	54.4	n/a
CA-22	CA-22-02	0.5 to 2 feet bls	5/28/2015	0.066U	0.040U	0.025U	0.032i	0.141	1.66	2.39	4.83	2.67	1.65	3.07	0.577	7.03	0.028U	2.65	0.029U	2.45	4.51	3.9	n/a
CA-22	CA-22-04	2 to 4 feet bls	5/28/2015	0.064U	0.039U	0.024U	0.025U	0.015U	0.016U	0.022U	0.015U	0.038U	0.011U	0.021U	0.037U	0.020i	0.027U	0.020U	0.028U	0.018U	0.023U	-	n/a
CA-22	CA-22-06	4 to 6 feet bls	5/28/2015	0.067U	0.040U	0.062i	0.042i	0.104i	2.13	3.41	8.62	2.69	2.3	5.26	0.603	10.5	0.044i	3.01	0.057i	5.29	7.56	5.4	n/a
CA-22	CA-22-08	6 to 8 feet bls	5/28/2015	0.068U	0.041U	0.026U	0.026U	0.016U	0.017U	0.023U	0.016U	0.040U	0.012U	0.022U	0.040U	0.017U	0.029U	0.021U	0.030U	0.019U	0.024U	-	n/a
CA-22N	CA-22N-0.5	0 to 0.5 feet bls	7/15/2015	0.105 U	0.105 U	0.052 U	0.052 U	0.105i	0.757	0.83	1.38	0.732	0.47	1.03	0.155	2.22	0.052 U	0.786	0.105 U	0.74	1.61	1.3	n/a
CA-22N	CA-22N-02	0.5 to 2 feet bls	7/15/2015	0.104 U	0.104 U	0.052 U	0.052 U	0.052 U	0.031 U	0.019 U	0.027 U	0.031 U	0.031 U	0.031 U	0.0075 U	0.052 U	0.052 U	0.031 U	0.104 U	0.052 U	0.052 U	-	n/a
CA-22N	CA-22N-06	4 to 6 feet bls	7/15/2015	0.115 U	0.115 U	0.057 U	0.057 U	0.057 U	0.034 U	0.021 U	0.030 U	0.034 U	0.034 U	0.034 U	0.0083 U	0.057 U	0.057 U	0.034 U	0.115 U	0.057 U	0.057 U	-	n/a
CA-22N1	CA-22N1-0.5	0 to 0.5 feet bls	7/15/2015	0.057 U	0.057 U	0.029 U	0.029 U	0.029 U	0.052i	0.086	0.156	0.094	0.066i	0.12	0.024i	0.208	0.029 U	0.1	0.057 U	0.069i	0.135	0.1	n/a
CA-22NW	CA-22NW-0.5	0 to 0.5 feet bls	7/15/2015	0.056 U	0.056 U	0.028 U	0.028 U	0.028 U	0.017 U	0.052i	0.109	0.072	0.048i	0.07	0.023i	0.097i	0.028 U	0.084	0.056 U	0.029i	0.073i	0.1	n/a
CA-22S	CA-22S-0.5	0 to 0.5 feet bls	7/15/2015	0.105 U	0.105 U	0.053 U	0.053 U	0.053 U	0.139	0.223	0.436	0.222	0.182	0.303	0.035i	0.584	0.053	0.237	0.105 U	0.221	0.432	0.3	n/a
CA-22S	CA-22S-02	0.5 to 2 feet bls	7/15/2015	0.102 U	0.102 U	0.051 U	0.051 U	0.051 U	0.141	0.197	0.299	0.169	0.125	0.213	0.0073 U	0.406	0.051 U	0.184	0.102 U	0.124i	0.308	0.3	n/a
CA-22S	CA-22S-04	2 to 4 feet bls	7/15/2015	0.052 U	0.052 U	0.026 U	0.026 U	0.050i	0.259	0.417	0.816	0.348	0.307	0.591	0.094	1.13	0.026 U	0.395	0.026 U	0.4	0.789	0.7	n/a
CA-22S	CA-22S-06	4 to 6 feet bls	7/15/2015	0.121 U	0.121 U	0.060 U	0.060 U	0.060 U	0.036 U	0.022 U	0.031 U	0.036 U	0.036 U	0.036 U	0.0087 U	0.060 U	0.060 U	0.036 U	0.121 U	0.060 U	0.060 U	-	n/a
CA-22S1	CA-22S1-0.5	0 to 0.5 feet bls	7/15/2015	0.053 U	0.053 U	0.081i	0.026 U	0.361	1.56	2.03	3.43	1.73	1.17	2.42	0.351	5.71	0.070i	1.93	0.053 U	2.44	3.65	3.1	n/a
CA-22S1	CA-22S1-2	0.5 to 2 feet bls	7/15/2015	0.052 U	0.052 U	0.026 U	0.026 U	0.026 U	0.016 U	0.024i	0.026i	0.048i	0.016 U	0.016 U	0.013i	0.026 U	0.026 U	0.042i	0.052 U	0.026 U	0.026 U	0.0	n/a
CA-22S1	CA-22S1-4	2 to 4 feet bls	7/15/2015	0.054 U	0.054 U	0.027 U	0.027 U	0.027 U	0.016 U	0.010 U	0.014 U	0.016 U	0.016 U	0.016 U	0.0039 U	0.027 U	0.027 U	0.016 U	0.054 U	0.027 U	0.027 U	-	n/a
CA-22SW	CA-22SW-0.5	0 to 0.5 feet bls	7/15/2015	0.052 U	0.052 U	0.026 U	0.026 U	0.026 U	0.028i	0.057i	0.095	0.055i	0.047i	0.066	0.0038 U	0.095i	0.026 U	0.056i	0.052 U	0.030i	0.078i	0.1	n/a
CA-22SW	CA-22SW-02	0.5 to 2 feet bls	7/15/2015	0.051 U	0.051 U	0.025 U	0.025 U	0.025 U	0.015 U	0.0094 U	0.013 U	0.015 U	0.015 U	0.015 U	0.0037 U	0.025 U	0.025 U	0.015 U	0.051 U	0.025 U	0.025 U	-	n/a
CA-22SW	CA-22SW-04	2 to 4 feet bls	7/15/2015	0.054 U	0.054 U	0.027 U	0.027 U	0.027 U	0.016 U	0.0099 U	0.014 U	0.016 U	0.016 U	0.016 U	0.0039 U	0.027 U	0.027 U	0.016 U	0.054 U	0.027 U	0.027 U	-	n/a
CA-22W	CA-22W-0.5	0 to 0.5 feet bls	7/15/2015	0.121 U	0.121 U	0.060 U	0.060 U	0.060 U	0.036 U	0.022 U	0.031 U	0.036 U	0.036 U	0.036 U	0.0087 U	0.060 U	0.060 U	0.036 U	0.121 U	0.060 U	0.060 U	-	n/a
CA-22W	CA-22W-02	0.5 to 2 feet bls	7/15/2015	0.101 U	0.101 U	0.051 U	0.051 U	0.051 U	0.030 U	0.019 U	0.026 U	0.030 U	0.030 U	0.030 U	0.0073 U	0.051 U	0.051 U	0.030 U	0.101 U	0.051 U	0.051 U	-	n/a
CA-22W	CA-22W-06	4 to 6 feet bls	7/15/2015	0.112 U	0.112 U	0.056 U	0.056 U	0.056 U	0.033 U	0.021 U	0.029 U	0.033 U	0.033 U	0.033 U	0.008 U	0.056 U	0.056 U	0.033 U	0.112 U	0.056 U	0.056 U	-	n/a

Constituents of Concern				1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo (a) anthracene	Benzo (a) pyrene	Benzo (b) fluoranthene	Benzo (g,h,i) perylene	Benzo (k) fluoranthene	Chrysene	Dibenz (a,h) anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene	Benzo(a)pyrene equivalents	TRPH
Point ID	Sample ID	Sample Depth	Sample Date																				
SCTL Residential Direct Exposure				***200***	***210***		***1800***	***21000***	***#***	***0.1***	***#***	***2500***	***#***	***#***	***#***	***3200***	***2600***	***#***	***55***	***2200***	***2400***	***0.1***	***460***
SCTL Commercial/Industrial Direct Exposure				**1800**	**2100**	**20000**	**20000**	**300000**	**#**	**0.7**	**#**	**52000**	**#**	**#**	**#**	**59000**	**33000**	**#**	**300**	**36000**	**45000**	**0.7**	***2700***
SCTL Leachability to Groundwater				3.1	8.5	2.1	27	2500	0.8	8	2.4	32000	24	77	0.7	1200	160	6.6	1.2	250	880	n/a	340
Units				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
CA-22S1W	CA-22S1W-0.5	0 to 0.5 feet bls	8/17/2015	0.200 U	0.200 U	0.100 U	0.100 U	0.100 U	0.198i	*0.329*	0.56	0.361	0.288	0.414	0.014 U	0.592	0.100 U	0.358	0.200 U	0.160i	0.53	***0.5***	n/a
CA-22S1W	CA-22S1W-2	0.5 to 2 feet bls	8/17/2015	0.107 U	0.107 U	0.054 U	0.054 U	0.054 U	0.032 U	0.02 U	0.028 U	0.032 U	0.032 U	0.032 U	0.0077 U	0.054 U	0.054 U	0.032 U	0.107 U	0.054 U	0.054 U	-	n/a
CA-22S2	CA-22S2-0.5	0 to 0.5 feet bls	8/17/2015	0.174 U	0.174 U	0.087 U	0.087 U	0.087 U	1.85	**3.8**	6.82	3.88	2.71	4.57	0.689	8.23	0.087 U	4.09	0.174 U	3.02	6.33	**5.8**	n/a
CA-22S2	CA-22S-2	0.5 to 2 feet bls	8/17/2015	0.153 U	0.153 U	0.076 U	0.076 U	0.076 U	0.732	1.87	3.62	2.25	1.8	2.44	0.36	4.1	0.076 U	2.1	0.153 U	1.5	3.16	**2.9**	n/a
CA-22S2W	CA-22S2W-0.5	0 to 0.5 feet bls	8/17/2015	0.206 U	0.206 U	0.103 U	0.103 U	0.103 U	0.062 U	0.038 U	0.106i	0.062 U	0.062 U	0.086i	0.015 U	0.103 U	0.103 U	0.062 U	0.206 U	0.103 U	0.103 U	0.0	n/a
CA-22S2W	CA-22S2W-2	0.5 to 2 feet bls	8/17/2015	0.195 U	0.195 U	0.098 U	0.098 U	0.098 U	0.059 U	0.036 U	0.051 U	0.059 U	0.059 U	0.059 U	0.014 U	0.098 U	0.098 U	0.059 U	0.195 U	0.098 U	0.098 U	-	n/a
CA-22S1W2	CA-22S1W2 -0.5	0 to 0.5 feet bls	8/17/2015	0.193 U	0.193 U	0.096 U	0.096 U	0.096 U	0.058 U	0.062i	0.134i	0.069i	0.104i	0.122i	0.014U	0.132i	0.096U	0.058U	0.193U	0.096U	0.133i	0.1	n/a
CA-22S1W2	CA-22S1W2-2	0.5 to 2 feet bls	8/17/2015	0.192 U	0.192 U	0.096 U	0.096 U	0.096 U	0.058 U	0.035 U	0.05 U	0.058 U	0.058 U	0.058 U	0.014 U	0.096 U	0.096 U	0.058 U	0.192 U	0.096 U	0.096 U	-	n/a
CA-23	CA-23-0.5	0 to 0.5 feet bls	5/28/2015	0.345U	0.209U	0.156i	0.132U	0.210i	2.13	**3.26**	7.13	4.67	2.17	4.99	1.04	13.2	0.145U	4.62	0.149U	7.58	8.2	**5.7**	n/a
CA-23	CA-23-02	0.5 to 2 feet bls	5/28/2015	0.069U	0.042U	0.026U	0.026U	0.016U	0.072i	***0.139***	0.269	0.182	0.091i	0.148	0.050i	0.371	0.029U	0.195	0.030U	0.204	0.267	***0.2***	n/a
CA-23	CA-23-04	2 to 4 feet bls	5/28/2015	0.073U	0.044U	0.027U	0.028U	0.017U	0.018U	0.025U	0.017U	0.043U	0.013U	0.024U	0.042U	0.018U	0.031U	0.022U	0.031U	0.021U	0.026U	-	n/a
CA-23	CA-23-06	4 to 6 feet bls	5/28/2015	0.074U	0.045U	0.028U	0.028U	0.017U	0.018U	0.025U	0.018U	0.043U	0.013U	0.024U	0.043U	0.018U	0.031U	0.022U	0.032U	0.021U	0.026U	-	n/a
CA-23	CA-23-08	6 to 8 feet bls	5/28/2015	0.075U	0.046U	0.028U	0.029U	0.017U	0.018U	0.025U	0.018U	0.044U	0.013U	0.024U	0.044U	0.018U	0.032U	0.023U	0.032U	0.021U	0.026U	-	n/a
CA-24	CA-24-0.5	0 to 0.5 feet bls	5/28/2015	0.067U	0.041U	0.025U	0.026U	0.106i	1.28	**2.18**	5.24	1.94	1.83	2.82	0.419	4.78	0.028U	2.03	0.029U	1.52	3.63	**3.5**	n/a
CA-24	CA-24-02	0.5 to 2 feet bls	5/28/2015	0.068U	0.041U	0.026U	0.026U	0.039i	0.423	**0.773**	1.78	0.905	0.632	0.943	0.196	1.56	0.029U	0.924	0.029U	0.399	1.19	**1.3**	n/a

Notes:
mg/kg = milligrams per kilogram
SCTL = Soil Cleanup Target Level as provided by Chapter 62-777 FAC
-- B(a)P Equivalents were not detected in the sample; therefore TB(a)P equivalents were not calculated
= Converted to Benzo(a)pyrene equivalents before comparison with the appropriate direct exposure SCTL for Benzo(a)pyrene
Red, Bold, Underlined = Exceeds Commercial/Industrial Direct Exposure SCTL
Blue, Bold, Italics = Exceeds Residential Direct Exposure SCTL
Indicates concentration exceeds SCTL for Leachability to Groundwater
U = Indicates that the compound was analyzed, but not detected
i = indicates the reported value is between the laboratory MDL and the laboratory PQL.
n/a = Not analyzed

Table E3
Recent Groundwater Analytical Results
Florida Power & Light Company
Former Cutler Power Plant Property
HWR-442/File-16360/IW-79
Miami, Florida

ANALYTES	UNITS	MW-E3	MW-E5	GCTLs	NADCs
		1-Jun-15	1-Jun-15		
Antimony	ug/l	3.9	1.5i	*6*	**60**
Arsenic	ug/l	4.2	*20*	*10*	**100**
Nickel	ug/l	0.55I	0.78	*100*	**1000**
Vanadium	ug/l	*60*	*6.6*	*49*	**490**
1-Methylnaphthalene	ug/l	0.047 U	0.047 U	*28*	**280**
2-Methylnaphthalene	ug/l	0.047 U	0.047 U	*28*	**280**
Acenaphthene	ug/l	0.023 U	0.024 U	*20*	**200**
Acenaphthylene	ug/l	0.023 U	0.024 U	*210*	**2100**
Anthracene	ug/l	0.023 U	0.024 U	*2100*	**21000**
Benzo(a)anthracene	ug/l	0.023 U	0.024 U	*0.05*	**5**
Benzo(a)pyrene	ug/l	0.014 U	0.014 U	*0.2*	**20**
Benzo(b)fluoranthene	ug/l	0.014 U	0.014 U	*0.05*	**5**
Benzo(g,h,i)perylene	ug/l	0.014 U	0.014 U	*210*	**2100**
Benzo(k)fluoranthene	ug/l	0.014 U	0.014 U	*0.5*	**50**
Chrysene	ug/l	0.023 U	0.024 U	*4.8*	**480**
Dibenz(a,h)anthracene	ug/l	0.0048 U	0.0048 U	*0.005*	**0.5**
Fluoranthene	ug/l	0.023 U	0.024 U	*280*	**2800**
Fluorene	ug/l	0.023 U	0.024 U	*280*	**2800**
Indeno(1,2,3-cd)pyrene	ug/l	0.014 U	0.014 U	*0.05*	**5**
Naphthalene	ug/l	0.047 U	0.078i	*14*	**140**
Phenanthrene	ug/l	0.023 U	0.024 U	*210*	**2100**
Pyrene	ug/l	0.023 U	0.024 U	*210*	**2100**
TRPH (FL-PRO)	ug/l	0.316i	0.362i	*5,000*	**50,000**

Notes:
ug/l- micrograms per liter
Red, bold and underlined text indicates concentrations exceed Natural Attenuation Default Concentration (NADC)
Blue italic text indicates the concentration exceeds Groundwater Cleanup Target Level (GTCL)
U- indicates not detected at specified detection limit
i- indicates the reported value is between the laboratory method detection limit and the laboratory practical quantitation limit
NADC- Natural Attenuation Default Source Concentrations as provided by Chapter 62-777 FAC
GCTL- Groundwater Cleanup Taget Levels as provided by Chapter 62-777 FAC

Soil Laboratory Analytical Reports and Chains of Custody

Jupiter Environmental Laboratories, Inc.
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Jupiter, FL 33458
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www.jupiterlabs.com
clientservices@jupiterlabs.com

June 22, 2015

Pete LaForge
Tierra Consulting Group, Inc.
5815 N. Andrews Way
Suite B
Fort Lauderdale, FL 33309

RE:	LOG#	1541962
	Project ID:	Former FPL-Cutler Plant
	COC#	541962

Dear Pete LaForge:

Enclosed are the analytical results for sample(s) received by the laboratory on Friday, May 29, 2015. Results reported herein conform to the most current NELAC standards, where applicable, unless indicated by * in the body of the report. The enclosed Chain of Custody is a component of this package and should be retained with the package and incorporated therein.

Results for all solid matrices are reported in dry weight unless otherwise noted. Results for all liquid matrices are reported as received in the laboratory unless otherwise noted. Results relate only to the samples received. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

Samples are disposed of after 30 days of their receipt by the laboratory unless extended storage is requested in writing. The laboratory maintains the right to charge storage fees for archived samples. This report will be archived for 5 years after which time it will be destroyed without further notice, unless prior arrangements have been made.

Certain analyses are subcontracted to outside NELAC certified laboratories, please see the Project Summary section of this report for NELAC certification numbers of laboratories used. A Statement of Qualifiers is available upon request.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Melissa Mills for
Edward Dabrea
edabrea@jupiterlabs.com

FDOH# E86546

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Fax: (561)575-4118

SAMPLE ANALYTE COUNT

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID	Sample ID	Method	Analytes Reported
1541962001	CA-01-0.5	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962002	CA-01-02	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962003	CA-01-04	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962004	CA-01-06	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962005	CA-01-08	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962006	CA-01-10	EPA 6020	1
		EPA 8310 List by 8270C	21
		SM 2540G	1
1541962007	CA-02-0.5	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962008	CA-02-02	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962009	CA-02-04	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3

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1541962009	CA-02-04	SM 2540G	1
1541962010	CA-02-06	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962011	CA-02-08	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962012	CA-02-10	EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962013	CA-03-0.5	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962014	CA-03-02	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962015	CA-03-04	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962016	CA-03-06	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962017	CA-03-08	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962018	CA-03-10	EPA 6020	1
		EPA 8310 List by 8270C	21

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1541962018	CA-03-10	SM 2540G	1
1541962019	CA-04-0.5	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962020	CA-04-02	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962021	CA-04-04	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962022	CA-04-06	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962023	CA-04-08	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962024	CA-05-0.5	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962025	CA-05-02	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962026	CA-05-04	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962027	CA-05-06	EPA 6020	4

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Lab ID	Sample ID	Method	Analytes Reported
1541962027	CA-05-06	EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962028	CA-05-08	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962029	CA-05-10	EPA 6020	1
		SM 2540G	1
1541962030	CA-06-0.5	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962031	CA-06-02	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962032	CA-06-04	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962033	CA-06-06	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962034	CA-06-08	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962035	CA-06-10	EPA 6020	1
		SM 2540G	1
1541962036	CA-07-0.5	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3

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Lab ID	Sample ID	Method	Analytes Reported
1541962036	CA-07-0.5	SM 2540G	1
1541962037	CA-07-02	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962038	CA-07-04	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962039	CA-07-06	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962040	CA-07-08	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962041	CA-07-10	EPA 6020	1
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962042	CA-08-0.5	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962043	CA-08-02	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962044	CA-08-04	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962045	CA-08-06	EPA 6020	4

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Lab ID	Sample ID	Method	Analytes Reported
1541962045	CA-08-06	EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962046	CA-08-08	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962047	CA-08-10	EPA 6020	1
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962048	CA-09-0.5	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962049	CA-09-02	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962050	CA-09-04	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962051	CA-09-06	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962052	CA-09-08	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962053	CA-09-10	EPA 6020	1
		EPA 8310 List by 8270C	21
		SM 2540G	1

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Lab ID	Sample ID	Method	Analytes Reported
1541962054	CA-10-0.5	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962055	CA-10-02	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962056	CA-10-04	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962057	CA-10-06	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962058	CA-10-08	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962059	CA-10-10	EPA 6020	1
		EPA 8310 List by 8270C	21
		SM 2540G	1
1541962060	CA-11-0.5	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962061	CA-11-02	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962062	CA-11-04	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3

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SAMPLE ANALYTE COUNT

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID	Sample ID	Method	Analytes Reported
1541962062	CA-11-04	SM 2540G	1
1541962063	CA-11-06	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962064	CA-11-08	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962065	CA-12-0.5	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962066	CA-12-02	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962067	CA-12-04	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962068	CA-12-06	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962069	CA-12-08	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962070	CA-12-10	EPA 6020	1
		EPA 8310 List by 8270C	21
		SM 2540G	1
1541962071	CA-13-0.5	EPA 6020	4
		EPA 8310 List by 8270C	21

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SAMPLE ANALYTE COUNT

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID	Sample ID	Method	Analytes Reported
1541962071	CA-13-0.5	FL-PRO (GC)	3
		SM 2540G	1
1541962072	CA-13-02	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962073	CA-13-04	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962074	CA-13-06	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962075	CA-13-08	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962076	CA-13-10	EPA 6020	1
		EPA 8310 List by 8270C	21
		SM 2540G	1
1541962077	CA-14-0.5	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962078	CA-14-02	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962079	CA-14-04	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962080	CA-14-06	EPA 6020	4

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SAMPLE ANALYTE COUNT

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID	Sample ID	Method	Analytes Reported
1541962080	CA-14-06	EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962081	CA-14-08	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962082	CA-14-10	EPA 6020	1
		EPA 8310 List by 8270C	21
		SM 2540G	1
1541962083	CA-15-0.5	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962084	CA-15-02	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962085	CA-15-04	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962086	CA-15-06	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962087	CA-15-08	EPA 6020	4
		EPA 8310 List by 8270C	21
		FL-PRO (GC)	3
		SM 2540G	1
1541962088	CA-16-0.5	EPA 6020	1
		SM 2540G	1
1541962089	CA-16-02	EPA 6020	1
		SM 2540G	1

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SAMPLE ANALYTE COUNT

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID	Sample ID	Method	Analytes Reported
1541962090	CA-16-04	EPA 6020	1
		SM 2540G	1
1541962091	CA-16-06	EPA 6020	1
		SM 2540G	1
1541962092	CA-16-08	EPA 6020	1
		SM 2540G	1
1541962093	CA-16-10	EPA 6020	1
		SM 2540G	1
1541962094	CA-17-0.5	EPA 6020	1
		SM 2540G	1
1541962095	CA-17-02	EPA 6020	1
		SM 2540G	1
1541962096	CA-17-04	EPA 6020	1
		SM 2540G	1
1541962097	CA-17-06	EPA 6020	1
		SM 2540G	1
1541962098	CA-17-08	EPA 6020	1
		SM 2540G	1
1541962099	CA-17-10	EPA 6020	1
		SM 2540G	1
1541962100	CA-18-0.5	EPA 6020	1
		SM 2540G	1
1541962101	CA-18-02	EPA 6020	1
		SM 2540G	1
1541962102	CA-18-04	EPA 6020	1
		SM 2540G	1
1541962103	CA-18-06	EPA 6020	1
		SM 2540G	1
1541962104	CA-18-08	EPA 6020	1
		SM 2540G	1
1541962105	CA-18-10	EPA 6020	1
		SM 2540G	1
1541962106	CA-19-0.5	EPA 6020	1
		SM 2540G	1

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SAMPLE ANALYTE COUNT

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID	Sample ID	Method	Analytes Reported
1541962107	CA-19-02	EPA 6020	1
		SM 2540G	1
1541962108	CA-19-04	EPA 6020	1
		SM 2540G	1
1541962109	CA-19-06	EPA 6020	1
		SM 2540G	1
1541962110	CA-19-08	EPA 6020	1
		SM 2540G	1
1541962111	CA-19-10	EPA 6020	1
		SM 2540G	1
1541962112	CA-20-0.5	EPA 6020	2
		SM 2540G	1
1541962113	CA-20-02	EPA 6020	2
		SM 2540G	1
1541962114	CA-20-04	EPA 6020	2
		SM 2540G	1
1541962115	CA-20-06	EPA 6020	1
		SM 2540G	1
1541962116	CA-20-08	EPA 6020	1
		SM 2540G	1
1541962117	CA-20-10	EPA 6020	1
		SM 2540G	1
1541962118	CA-21-0.5	EPA 6020	1
		EPA 8310 List by 8270C	21
		SM 2540G	1
1541962119	CA-21-02	EPA 6020	1
		EPA 8310 List by 8270C	21
		SM 2540G	1
1541962120	CA-21-04	EPA 6020	1
		EPA 8310 List by 8270C	21
		SM 2540G	1
1541962121	CA-21-06	EPA 6020	1
		EPA 8310 List by 8270C	21
		SM 2540G	1

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SAMPLE ANALYTE COUNT

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID	Sample ID	Method	Analytes Reported
1541962122	CA-21-08	EPA 6020	1
		EPA 8310 List by 8270C	21
		SM 2540G	1
1541962123	CA-21-10	EPA 8310 List by 8270C	21
		SM 2540G	1
1541962124	CA-22-0.5	EPA 6020	1
		EPA 8310 List by 8270C	21
		SM 2540G	1
1541962125	CA-22-02	EPA 6020	1
		EPA 8310 List by 8270C	21
		SM 2540G	1
1541962126	CA-22-04	EPA 6020	1
		EPA 8310 List by 8270C	21
		SM 2540G	1
1541962127	CA-22-06	EPA 8310 List by 8270C	21
		SM 2540G	1
1541962128	CA-22-08	EPA 8310 List by 8270C	21
		SM 2540G	1
1541962129	CA-23-0.5	EPA 6020	1
		EPA 8310 List by 8270C	21
		SM 2540G	1
1541962130	CA-23-02	EPA 6020	1
		EPA 8310 List by 8270C	21
		SM 2540G	1
1541962131	CA-23-04	EPA 6020	1
		EPA 8310 List by 8270C	21
		SM 2540G	1
1541962132	CA-23-06	EPA 8310 List by 8270C	21
		SM 2540G	1
1541962133	CA-23-08	EPA 8310 List by 8270C	21
		SM 2540G	1
1541962134	CA-24-0.5	EPA 6020	1
		EPA 8310 List by 8270C	21
		SM 2540G	1

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SAMPLE ANALYTE COUNT

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID	Sample ID	Method	Analytes Reported
1541962135	CA-24-02	EPA 6020	1
		EPA 8310 List by 8270C	21
		SM 2540G	1
1541962136	CA-24-04	EPA 6020	1
		EPA 8310 List by 8270C	21
		SM 2540G	1
1541962137	CA-24-06	EPA 6020	1
		EPA 8310 List by 8270C	21
		SM 2540G	1
1541962138	CA-24-08	EPA 6020	1
		EPA 8310 List by 8270C	21
		SM 2540G	1
1541962139	CA-25-0.5	SM 2540G	1
1541962140	CA-25-02	SM 2540G	1
1541962141	CA-25-04	EPA 6020	1
		SM 2540G	1
1541962142	CA-25-06	EPA 6020	1
		SM 2540G	1
1541962143	CA-26-0.5	SM 2540G	1
1541962144	CA-26-02	SM 2540G	1
1541962145	CA-26-04	EPA 6020	1
		SM 2540G	1
1541962146	CA-26-06	EPA 6020	1
		SM 2540G	1
1541962147	CA-27-0.5	SM 2540G	1
1541962148	CA-27-02	SM 2540G	1
1541962149	CA-27-04	EPA 6020	1
		SM 2540G	1
1541962150	CA-27-05	EPA 6020	1
		SM 2540G	1
1541962151	CA-28-0.5	SM 2540G	1
1541962152	CA-28-02	SM 2540G	1
1541962153	CA-28-04	EPA 6020	1
		SM 2540G	1

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SAMPLE ANALYTE COUNT

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID	Sample ID	Method	Analytes Reported
1541962154	CA-28-05	EPA 6020	1
		SM 2540G	1
1541962155	CA-29-0.5	SM 2540G	1
1541962156	CA-29-02	SM 2540G	1
1541962157	CA-29-04	EPA 6020	1
		SM 2540G	1
1541962158	CA-29-05	EPA 6020	1
		SM 2540G	1
1541962159	CA-30-0.5	EPA 6020	1
		SM 2540G	1
1541962160	CA-30-02	EPA 6020	1
		SM 2540G	1
1541962161	CA-30-04	EPA 6020	1
		SM 2540G	1
1541962162	CA-31-0.5	EPA 6020	1
		SM 2540G	1
1541962163	CA-31-02	EPA 6020	1
		SM 2540G	1
1541962164	CA-31-04	EPA 6020	1
		SM 2540G	1
1541962165	CA-32-0.5	EPA 6020	1
		SM 2540G	1
1541962166	CA-32-02	EPA 6020	1
		SM 2540G	1
1541962167	CA-32-04	EPA 6020	1
		SM 2540G	1
1541962168	CA-33-0.5	EPA 6020	1
		SM 2540G	1
1541962169	CA-33-02	EPA 6020	1
		SM 2540G	1
1541962170	CA-33-04	EPA 6020	1
		SM 2540G	1
1541962171	CA-34-0.5	SM 2540G	1
1541962172	CA-34-02	SM 2540G	1

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SAMPLE ANALYTE COUNT

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID	Sample ID	Method	Analytes Reported
1541962173	CA-34-04	EPA 6020	1
		SM 2540G	1
1541962174	CA-34-06	EPA 6020	1
		SM 2540G	1
1541962175	CA-35-0.5	SM 2540G	1
1541962176	CA-35-02	EPA 6020	1
		SM 2540G	1
1541962177	CA-35-04	EPA 6020	1
		SM 2540G	1
1541962178	CA-36-0.5	SM 2540G	1
1541962179	CA-36-02	SM 2540G	1
1541962180	CA-36-04	EPA 6020	1
		SM 2540G	1
1541962181	CA-36-06	EPA 6020	1
		SM 2540G	1
1541962182	CA-37-0.5	SM 2540G	1
1541962183	CA-37-02	SM 2540G	1
1541962184	CA-37-04	EPA 6020	1
		SM 2540G	1
1541962185	CA-37-06	EPA 6020	1
		SM 2540G	1
1541962186	CA-38-0.5	SM 2540G	1
1541962187	CA-38-02	SM 2540G	1
1541962188	CA-38-04	EPA 6020	1
		SM 2540G	1
1541962189	CA-38-06	EPA 6020	1
		SM 2540G	1
1541962190	CA-39-0.5	SM 2540G	1
1541962191	CA-39-02	SM 2540G	1
1541962192	CA-39-04	EPA 6020	1
		SM 2540G	1
1541962193	CA-39-06	EPA 6020	1
		SM 2540G	1
1541962194	CA-40-0.5	SM 2540G	1

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SAMPLE ANALYTE COUNT

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID	Sample ID	Method	Analytes Reported
1541962195	CA-40-02	SM 2540G	1
1541962196	CA-40-04	EPA 6020	1
		SM 2540G	1
1541962197	CA-40-06	EPA 6020	1
		SM 2540G	1
1541962198	CA-41-0.5	SM 2540G	1
1541962199	CA-41-02	SM 2540G	1
1541962200	CA-41-04	EPA 6020	1
		SM 2540G	1
1541962201	CA-41-06	EPA 6020	1
		SM 2540G	1
1541962202	CA-22-10	SM 2540G	1
1541962203	CA-23-10	SM 2540G	1
1541962204	CA-24-10	SM 2540G	1

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SAMPLE SUMMARY

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID	Sample ID	Matrix	Date Collected	Date Received
1541962001	CA-01-0.5	Soil/Solid	5/27/2015 11:53	5/29/2015 17:20
1541962002	CA-01-02	Soil/Solid	5/27/2015 11:55	5/29/2015 17:20
1541962003	CA-01-04	Soil/Solid	5/27/2015 11:57	5/29/2015 17:20
1541962004	CA-01-06	Soil/Solid	5/27/2015 11:59	5/29/2015 17:20
1541962005	CA-01-08	Soil/Solid	5/27/2015 12:01	5/29/2015 17:20
1541962006	CA-01-10	Soil/Solid	5/27/2015 12:03	5/29/2015 17:20
1541962007	CA-02-0.5	Soil/Solid	5/27/2015 11:47	5/29/2015 17:20
1541962008	CA-02-02	Soil/Solid	5/27/2015 11:48	5/29/2015 17:20
1541962009	CA-02-04	Soil/Solid	5/27/2015 11:49	5/29/2015 17:20
1541962010	CA-02-06	Soil/Solid	5/27/2015 11:50	5/29/2015 17:20
1541962011	CA-02-08	Soil/Solid	5/27/2015 11:51	5/29/2015 17:20
1541962012	CA-02-10	Soil/Solid	5/27/2015 11:52	5/29/2015 17:20
1541962013	CA-03-0.5	Soil/Solid	5/27/2015 11:36	5/29/2015 17:20
1541962014	CA-03-02	Soil/Solid	5/27/2015 11:38	5/29/2015 17:20
1541962015	CA-03-04	Soil/Solid	5/27/2015 11:40	5/29/2015 17:20
1541962016	CA-03-06	Soil/Solid	5/27/2015 11:42	5/29/2015 17:20
1541962017	CA-03-08	Soil/Solid	5/27/2015 11:44	5/29/2015 17:20
1541962018	CA-03-10	Soil/Solid	5/27/2015 11:46	5/29/2015 17:20
1541962019	CA-04-0.5	Soil/Solid	5/27/2015 11:24	5/29/2015 17:20
1541962020	CA-04-02	Soil/Solid	5/27/2015 11:26	5/29/2015 17:20
1541962021	CA-04-04	Soil/Solid	5/27/2015 11:28	5/29/2015 17:20
1541962022	CA-04-06	Soil/Solid	5/27/2015 11:30	5/29/2015 17:20
1541962023	CA-04-08	Soil/Solid	5/27/2015 11:32	5/29/2015 17:20
1541962024	CA-05-0.5	Soil/Solid	5/27/2015 13:56	5/29/2015 17:20
1541962025	CA-05-02	Soil/Solid	5/27/2015 13:58	5/29/2015 17:20
1541962026	CA-05-04	Soil/Solid	5/27/2015 14:00	5/29/2015 17:20
1541962027	CA-05-06	Soil/Solid	5/27/2015 14:02	5/29/2015 17:20
1541962028	CA-05-08	Soil/Solid	5/27/2015 14:04	5/29/2015 17:20
1541962029	CA-05-10	Soil/Solid	5/27/2015 14:06	5/29/2015 17:20
1541962030	CA-06-0.5	Soil/Solid	5/27/2015 13:34	5/29/2015 17:20
1541962031	CA-06-02	Soil/Solid	5/27/2015 13:36	5/29/2015 17:20
1541962032	CA-06-04	Soil/Solid	5/27/2015 13:38	5/29/2015 17:20
1541962033	CA-06-06	Soil/Solid	5/27/2015 13:40	5/29/2015 17:20
1541962034	CA-06-08	Soil/Solid	5/27/2015 13:42	5/29/2015 17:20
1541962035	CA-06-10	Soil/Solid	5/27/2015 13:44	5/29/2015 17:20

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SAMPLE SUMMARY

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID	Sample ID	Matrix	Date Collected	Date Received
1541962036	CA-07-0.5	Soil/Solid	5/27/2015 13:32	5/29/2015 17:20
1541962037	CA-07-02	Soil/Solid	5/27/2015 13:34	5/29/2015 17:20
1541962038	CA-07-04	Soil/Solid	5/27/2015 13:36	5/29/2015 17:20
1541962039	CA-07-06	Soil/Solid	5/27/2015 13:38	5/29/2015 17:20
1541962040	CA-07-08	Soil/Solid	5/27/2015 13:40	5/29/2015 17:20
1541962041	CA-07-10	Soil/Solid	5/27/2015 13:42	5/29/2015 17:20
1541962042	CA-08-0.5	Soil/Solid	5/27/2015 12:00	5/29/2015 17:20
1541962043	CA-08-02	Soil/Solid	5/27/2015 12:01	5/29/2015 17:20
1541962044	CA-08-04	Soil/Solid	5/27/2015 12:02	5/29/2015 17:20
1541962045	CA-08-06	Soil/Solid	5/27/2015 12:03	5/29/2015 17:20
1541962046	CA-08-08	Soil/Solid	5/27/2015 12:04	5/29/2015 17:20
1541962047	CA-08-10	Soil/Solid	5/27/2015 12:05	5/29/2015 17:20
1541962048	CA-09-0.5	Soil/Solid	5/27/2015 12:10	5/29/2015 17:20
1541962049	CA-09-02	Soil/Solid	5/27/2015 12:11	5/29/2015 17:20
1541962050	CA-09-04	Soil/Solid	5/27/2015 12:12	5/29/2015 17:20
1541962051	CA-09-06	Soil/Solid	5/27/2015 12:13	5/29/2015 17:20
1541962052	CA-09-08	Soil/Solid	5/27/2015 12:14	5/29/2015 17:20
1541962053	CA-09-10	Soil/Solid	5/27/2015 12:15	5/29/2015 17:20
1541962054	CA-10-0.5	Soil/Solid	5/27/2015 12:18	5/29/2015 17:20
1541962055	CA-10-02	Soil/Solid	5/27/2015 12:20	5/29/2015 17:20
1541962056	CA-10-04	Soil/Solid	5/27/2015 12:22	5/29/2015 17:20
1541962057	CA-10-06	Soil/Solid	5/27/2015 12:24	5/29/2015 17:20
1541962058	CA-10-08	Soil/Solid	5/27/2015 12:26	5/29/2015 17:20
1541962059	CA-10-10	Soil/Solid	5/27/2015 12:28	5/29/2015 17:20
1541962060	CA-11-0.5	Soil/Solid	5/27/2015 11:14	5/29/2015 17:20
1541962061	CA-11-02	Soil/Solid	5/27/2015 11:16	5/29/2015 17:20
1541962062	CA-11-04	Soil/Solid	5/27/2015 11:18	5/29/2015 17:20
1541962063	CA-11-06	Soil/Solid	5/27/2015 11:20	5/29/2015 17:20
1541962064	CA-11-08	Soil/Solid	5/27/2015 11:22	5/29/2015 17:20
1541962065	CA-12-0.5	Soil/Solid	5/27/2015 13:20	5/29/2015 17:20
1541962066	CA-12-02	Soil/Solid	5/27/2015 13:22	5/29/2015 17:20
1541962067	CA-12-04	Soil/Solid	5/27/2015 13:24	5/29/2015 17:20
1541962068	CA-12-06	Soil/Solid	5/27/2015 13:26	5/29/2015 17:20
1541962069	CA-12-08	Soil/Solid	5/27/2015 13:28	5/29/2015 17:20
1541962070	CA-12-10	Soil/Solid	5/27/2015 13:30	5/29/2015 17:20

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SAMPLE SUMMARY

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID	Sample ID	Matrix	Date Collected	Date Received
1541962071	CA-13-0.5	Soil/Solid	5/27/2015 13:08	5/29/2015 17:20
1541962072	CA-13-02	Soil/Solid	5/27/2015 13:10	5/29/2015 17:20
1541962073	CA-13-04	Soil/Solid	5/27/2015 13:12	5/29/2015 17:20
1541962074	CA-13-06	Soil/Solid	5/27/2015 13:14	5/29/2015 17:20
1541962075	CA-13-08	Soil/Solid	5/27/2015 13:16	5/29/2015 17:20
1541962076	CA-13-10	Soil/Solid	5/27/2015 13:18	5/29/2015 17:20
1541962077	CA-14-0.5	Soil/Solid	5/27/2015 12:56	5/29/2015 17:20
1541962078	CA-14-02	Soil/Solid	5/27/2015 12:58	5/29/2015 17:20
1541962079	CA-14-04	Soil/Solid	5/27/2015 13:00	5/29/2015 17:20
1541962080	CA-14-06	Soil/Solid	5/27/2015 13:02	5/29/2015 17:20
1541962081	CA-14-08	Soil/Solid	5/27/2015 13:04	5/29/2015 17:20
1541962082	CA-14-10	Soil/Solid	5/27/2015 13:06	5/29/2015 17:20
1541962083	CA-15-0.5	Soil/Solid	5/27/2015 10:55	5/29/2015 17:20
1541962084	CA-15-02	Soil/Solid	5/27/2015 10:57	5/29/2015 17:20
1541962085	CA-15-04	Soil/Solid	5/27/2015 10:59	5/29/2015 17:20
1541962086	CA-15-06	Soil/Solid	5/27/2015 11:01	5/29/2015 17:20
1541962087	CA-15-08	Soil/Solid	5/27/2015 11:03	5/29/2015 17:20
1541962088	CA-16-0.5	Soil/Solid	5/27/2015 14:40	5/29/2015 17:20
1541962089	CA-16-02	Soil/Solid	5/27/2015 14:41	5/29/2015 17:20
1541962090	CA-16-04	Soil/Solid	5/27/2015 14:42	5/29/2015 17:20
1541962091	CA-16-06	Soil/Solid	5/27/2015 14:43	5/29/2015 17:20
1541962092	CA-16-08	Soil/Solid	5/27/2015 14:44	5/29/2015 17:20
1541962093	CA-16-10	Soil/Solid	5/27/2015 14:45	5/29/2015 17:20
1541962094	CA-17-0.5	Soil/Solid	5/27/2015 14:33	5/29/2015 17:20
1541962095	CA-17-02	Soil/Solid	5/27/2015 14:34	5/29/2015 17:20
1541962096	CA-17-04	Soil/Solid	5/27/2015 14:35	5/29/2015 17:20
1541962097	CA-17-06	Soil/Solid	5/27/2015 14:36	5/29/2015 17:20
1541962098	CA-17-08	Soil/Solid	5/27/2015 14:37	5/29/2015 17:20
1541962099	CA-17-10	Soil/Solid	5/27/2015 14:38	5/29/2015 17:20
1541962100	CA-18-0.5	Soil/Solid	5/27/2015 14:26	5/29/2015 17:20
1541962101	CA-18-02	Soil/Solid	5/27/2015 14:27	5/29/2015 17:20
1541962102	CA-18-04	Soil/Solid	5/27/2015 14:28	5/29/2015 17:20
1541962103	CA-18-06	Soil/Solid	5/27/2015 14:29	5/29/2015 17:20
1541962104	CA-18-08	Soil/Solid	5/27/2015 14:30	5/29/2015 17:20
1541962105	CA-18-10	Soil/Solid	5/27/2015 14:31	5/29/2015 17:20

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SAMPLE SUMMARY

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID	Sample ID	Matrix	Date Collected	Date Received
1541962106	CA-19-0.5	Soil/Solid	5/27/2015 14:20	5/29/2015 17:20
1541962107	CA-19-02	Soil/Solid	5/27/2015 14:21	5/29/2015 17:20
1541962108	CA-19-04	Soil/Solid	5/27/2015 14:22	5/29/2015 17:20
1541962109	CA-19-06	Soil/Solid	5/27/2015 14:23	5/29/2015 17:20
1541962110	CA-19-08	Soil/Solid	5/27/2015 14:24	5/29/2015 17:20
1541962111	CA-19-10	Soil/Solid	5/27/2015 14:25	5/29/2015 17:20
1541962112	CA-20-0.5	Soil/Solid	5/27/2015 08:50	5/29/2015 17:20
1541962113	CA-20-02	Soil/Solid	5/27/2015 08:52	5/29/2015 17:20
1541962114	CA-20-04	Soil/Solid	5/27/2015 08:54	5/29/2015 17:20
1541962115	CA-20-06	Soil/Solid	5/27/2015 08:56	5/29/2015 17:20
1541962116	CA-20-08	Soil/Solid	5/27/2015 08:58	5/29/2015 17:20
1541962117	CA-20-10	Soil/Solid	5/27/2015 08:59	5/29/2015 17:20
1541962118	CA-21-0.5	Soil/Solid	5/27/2015 14:08	5/29/2015 17:20
1541962119	CA-21-02	Soil/Solid	5/27/2015 14:10	5/29/2015 17:20
1541962120	CA-21-04	Soil/Solid	5/27/2015 14:12	5/29/2015 17:20
1541962121	CA-21-06	Soil/Solid	5/27/2015 14:14	5/29/2015 17:20
1541962122	CA-21-08	Soil/Solid	5/27/2015 14:16	5/29/2015 17:20
1541962123	CA-21-10	Soil/Solid	5/27/2015 14:18	5/29/2015 17:20
1541962124	CA-22-0.5	Soil/Solid	5/28/2015 11:05	5/29/2015 17:20
1541962125	CA-22-02	Soil/Solid	5/28/2015 11:07	5/29/2015 17:20
1541962126	CA-22-04	Soil/Solid	5/28/2015 11:09	5/29/2015 17:20
1541962127	CA-22-06	Soil/Solid	5/28/2015 11:11	5/29/2015 17:20
1541962128	CA-22-08	Soil/Solid	5/28/2015 11:13	5/29/2015 17:20
1541962129	CA-23-0.5	Soil/Solid	5/28/2015 11:15	5/29/2015 17:20
1541962130	CA-23-02	Soil/Solid	5/28/2015 11:16	5/29/2015 17:20
1541962131	CA-23-04	Soil/Solid	5/28/2015 11:17	5/29/2015 17:20
1541962132	CA-23-06	Soil/Solid	5/28/2015 11:18	5/29/2015 17:20
1541962133	CA-23-08	Soil/Solid	5/28/2015 11:19	5/29/2015 17:20
1541962134	CA-24-0.5	Soil/Solid	5/28/2015 11:22	5/29/2015 17:20
1541962135	CA-24-02	Soil/Solid	5/28/2015 11:24	5/29/2015 17:20
1541962136	CA-24-04	Soil/Solid	5/28/2015 11:26	5/29/2015 17:20
1541962137	CA-24-06	Soil/Solid	5/28/2015 11:28	5/29/2015 17:20
1541962138	CA-24-08	Soil/Solid	5/28/2015 11:30	5/29/2015 17:20
1541962139	CA-25-0.5	Soil/Solid	5/28/2015 11:35	5/29/2015 17:20
1541962140	CA-25-02	Soil/Solid	5/28/2015 11:37	5/29/2015 17:20

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SAMPLE SUMMARY

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID	Sample ID	Matrix	Date Collected	Date Received
1541962141	CA-25-04	Soil/Solid	5/28/2015 11:39	5/29/2015 17:20
1541962142	CA-25-06	Soil/Solid	5/28/2015 11:41	5/29/2015 17:20
1541962143	CA-26-0.5	Soil/Solid	5/28/2015 11:46	5/29/2015 17:20
1541962144	CA-26-02	Soil/Solid	5/28/2015 11:48	5/29/2015 17:20
1541962145	CA-26-04	Soil/Solid	5/28/2015 11:50	5/29/2015 17:20
1541962146	CA-26-06	Soil/Solid	5/28/2015 11:52	5/29/2015 17:20
1541962147	CA-27-0.5	Soil/Solid	5/28/2015 12:03	5/29/2015 17:20
1541962148	CA-27-02	Soil/Solid	5/28/2015 12:05	5/29/2015 17:20
1541962149	CA-27-04	Soil/Solid	5/28/2015 12:07	5/29/2015 17:20
1541962150	CA-27-05	Soil/Solid	5/28/2015 12:09	5/29/2015 17:20
1541962151	CA-28-0.5	Soil/Solid	5/28/2015 11:55	5/29/2015 17:20
1541962152	CA-28-02	Soil/Solid	5/28/2015 11:56	5/29/2015 17:20
1541962153	CA-28-04	Soil/Solid	5/28/2015 11:57	5/29/2015 17:20
1541962154	CA-28-05	Soil/Solid	5/28/2015 11:58	5/29/2015 17:20
1541962155	CA-29-0.5	Soil/Solid	5/28/2015 13:00	5/29/2015 17:20
1541962156	CA-29-02	Soil/Solid	5/28/2015 13:01	5/29/2015 17:20
1541962157	CA-29-04	Soil/Solid	5/28/2015 13:02	5/29/2015 17:20
1541962158	CA-29-05	Soil/Solid	5/28/2015 13:03	5/29/2015 17:20
1541962159	CA-30-0.5	Soil/Solid	5/28/2015 13:45	5/29/2015 17:20
1541962160	CA-30-02	Soil/Solid	5/28/2015 13:47	5/29/2015 17:20
1541962161	CA-30-04	Soil/Solid	5/28/2015 13:49	5/29/2015 17:20
1541962162	CA-31-0.5	Soil/Solid	5/28/2015 13:24	5/29/2015 17:20
1541962163	CA-31-02	Soil/Solid	5/28/2015 13:25	5/29/2015 17:20
1541962164	CA-31-04	Soil/Solid	5/28/2015 13:26	5/29/2015 17:20
1541962165	CA-32-0.5	Soil/Solid	5/28/2015 13:30	5/29/2015 17:20
1541962166	CA-32-02	Soil/Solid	5/28/2015 13:31	5/29/2015 17:20
1541962167	CA-32-04	Soil/Solid	5/28/2015 13:33	5/29/2015 17:20
1541962168	CA-33-0.5	Soil/Solid	5/28/2015 13:35	5/29/2015 17:20
1541962169	CA-33-02	Soil/Solid	5/28/2015 13:36	5/29/2015 17:20
1541962170	CA-33-04	Soil/Solid	5/28/2015 13:37	5/29/2015 17:20
1541962171	CA-34-0.5	Soil/Solid	5/28/2015 10:49	5/29/2015 17:20
1541962172	CA-34-02	Soil/Solid	5/28/2015 10:50	5/29/2015 17:20
1541962173	CA-34-04	Soil/Solid	5/28/2015 10:51	5/29/2015 17:20
1541962174	CA-34-06	Soil/Solid	5/28/2015 10:52	5/29/2015 17:20
1541962175	CA-35-0.5	Soil/Solid	5/28/2015 10:39	5/29/2015 17:20

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SAMPLE SUMMARY

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID	Sample ID	Matrix	Date Collected	Date Received
1541962176	CA-35-02	Soil/Solid	5/28/2015 10:40	5/29/2015 17:20
1541962177	CA-35-04	Soil/Solid	5/28/2015 10:41	5/29/2015 17:20
1541962178	CA-36-0.5	Soil/Solid	5/28/2015 10:43	5/29/2015 17:20
1541962179	CA-36-02	Soil/Solid	5/28/2015 10:44	5/29/2015 17:20
1541962180	CA-36-04	Soil/Solid	5/28/2015 10:45	5/29/2015 17:20
1541962181	CA-36-06	Soil/Solid	5/28/2015 10:46	5/29/2015 17:20
1541962182	CA-37-0.5	Soil/Solid	5/28/2015 10:53	5/29/2015 17:20
1541962183	CA-37-02	Soil/Solid	5/28/2015 10:54	5/29/2015 17:20
1541962184	CA-37-04	Soil/Solid	5/28/2015 10:55	5/29/2015 17:20
1541962185	CA-37-06	Soil/Solid	5/28/2015 10:56	5/29/2015 17:20
1541962186	CA-38-0.5	Soil/Solid	5/28/2015 10:32	5/29/2015 17:20
1541962187	CA-38-02	Soil/Solid	5/28/2015 10:34	5/29/2015 17:20
1541962188	CA-38-04	Soil/Solid	5/28/2015 10:36	5/29/2015 17:20
1541962189	CA-38-06	Soil/Solid	5/28/2015 10:38	5/29/2015 17:20
1541962190	CA-39-0.5	Soil/Solid	5/28/2015 10:14	5/29/2015 17:20
1541962191	CA-39-02	Soil/Solid	5/28/2015 10:18	5/29/2015 17:20
1541962192	CA-39-04	Soil/Solid	5/28/2015 10:16	5/29/2015 17:20
1541962193	CA-39-06	Soil/Solid	5/28/2015 10:20	5/29/2015 17:20
1541962194	CA-40-0.5	Soil/Solid	5/28/2015 10:03	5/29/2015 17:20
1541962195	CA-40-02	Soil/Solid	5/28/2015 10:04	5/29/2015 17:20
1541962196	CA-40-04	Soil/Solid	5/28/2015 10:05	5/29/2015 17:20
1541962197	CA-40-06	Soil/Solid	5/28/2015 10:06	5/29/2015 17:20
1541962198	CA-41-0.5	Soil/Solid	5/28/2015 10:24	5/29/2015 17:20
1541962199	CA-41-02	Soil/Solid	5/28/2015 10:26	5/29/2015 17:20
1541962200	CA-41-04	Soil/Solid	5/28/2015 10:28	5/29/2015 17:20
1541962201	CA-41-06	Soil/Solid	5/28/2015 10:30	5/29/2015 17:20
1541962202	CA-22-10	Soil/Solid	5/28/2015 11:15	5/29/2015 17:20
1541962203	CA-23-10	Soil/Solid	5/28/2015 11:20	5/29/2015 17:20
1541962204	CA-24-10	Soil/Solid	5/28/2015 11:32	5/29/2015 17:20

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID: **1541962001** Date Received: 5/29/2015 17:20 Matrix: Soil/Solid

Sample ID: **CA-01-0.5** Date Collected: 5/27/2015 11:53

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.109	0.069	1	6/2/2015 16:26	BH	6/3/2015 15:40	BFM	
2-Methylnaphthalene	U	mg/Kg	0.109	0.042	1	6/2/2015 16:26	BH	6/3/2015 15:40	BFM	
Acenaphthene	U	mg/Kg	0.109	0.026	1	6/2/2015 16:26	BH	6/3/2015 15:40	BFM	
Acenaphthylene	U	mg/Kg	0.109	0.026	1	6/2/2015 16:26	BH	6/3/2015 15:40	BFM	
Anthracene	0.109	mg/Kg	0.109	0.016	1	6/2/2015 16:26	BH	6/3/2015 15:40	BFM	
Benzo(a)anthracene	0.662	mg/Kg	0.109	0.017	1	6/2/2015 16:26	BH	6/3/2015 15:40	BFM	
Benzo(a)pyrene	0.576	mg/Kg	0.109	0.023	1	6/2/2015 16:26	BH	6/3/2015 15:40	BFM	
Benzo(b)fluoranthene	1.05	mg/Kg	0.109	0.016	1	6/2/2015 16:26	BH	6/3/2015 15:40	BFM	
Benzo(g,h,i)perylene	0.418	mg/Kg	0.109	0.040	1	6/2/2015 16:26	BH	6/3/2015 15:40	BFM	
Benzo(k)fluoranthene	0.263	mg/Kg	0.109	0.012	1	6/2/2015 16:26	BH	6/3/2015 15:40	BFM	
Chrysene	0.690	mg/Kg	0.109	0.022	1	6/2/2015 16:26	BH	6/3/2015 15:40	BFM	
Dibenzo(a,h)anthracene	0.143	mg/Kg	0.109	0.040	1	6/2/2015 16:26	BH	6/3/2015 15:40	BFM	
Fluoranthene	1.19	mg/Kg	0.109	0.017	1	6/2/2015 16:26	BH	6/3/2015 15:40	BFM	
Fluorene	U	mg/Kg	0.109	0.029	1	6/2/2015 16:26	BH	6/3/2015 15:40	BFM	
Indeno(1,2,3-cd)pyrene	0.440	mg/Kg	0.109	0.021	1	6/2/2015 16:26	BH	6/3/2015 15:40	BFM	
Naphthalene	U	mg/Kg	0.109	0.030	1	6/2/2015 16:26	BH	6/3/2015 15:40	BFM	
Phenanthrene	0.292	mg/Kg	0.109	0.019	1	6/2/2015 16:26	BH	6/3/2015 15:40	BFM	
Pyrene	0.798	mg/Kg	0.109	0.024	1	6/2/2015 16:26	BH	6/3/2015 15:40	BFM	
Nitrobenzene-d5 (S)	53	%	20-120		1	6/2/2015 16:26	BH	6/3/2015 15:40	BFM	
2-Fluorobiphenyl (S)	52	%	30-115		1	6/2/2015 16:26	BH	6/3/2015 15:40	BFM	
p-Terphenyl-d14 (S)	64	%	15-140		1	6/2/2015 16:26	BH	6/3/2015 15:40	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	91.3	%	0.1		1			6/4/2015 11:11	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	67.5	mg/Kg	21.7	10.9	2	6/2/2015 15:56	BH	6/3/2015 21:36	BFM	P2
o-Terphenyl (S)	60	%	50-150		2	6/2/2015 15:56	BH	6/3/2015 21:36	BFM	
n-Triacontane-d62 (S)	65	%	50-150		2	6/2/2015 15:56	BH	6/3/2015 21:36	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	37	mg/Kg	0.55	0.11	2	6/1/2015 17:15	ZS	6/2/2015 11:59	ZS	
Nickel	10	mg/Kg	1.7	0.34	2	6/1/2015 17:15	ZS	6/2/2015 11:59	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962001**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-01-0.5**	Date Collected:	5/27/2015 11:53		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	3.9	mg/Kg	0.55	0.090	2	6/1/2015 17:15	ZS	6/2/2015 11:59	ZS	
Antimony	0.18i	mg/Kg	0.55	0.064	2	6/1/2015 17:15	ZS	6/2/2015 11:59	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID: **1541962002** Date Received: 5/29/2015 17:20 Matrix: Soil/Solid

Sample ID: **CA-01-02** Date Collected: 5/27/2015 11:55

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.109	0.069	1	6/2/2015 16:26	BH	6/3/2015 16:06	BFM	
2-Methylnaphthalene	U	mg/Kg	0.109	0.042	1	6/2/2015 16:26	BH	6/3/2015 16:06	BFM	
Acenaphthene	U	mg/Kg	0.109	0.026	1	6/2/2015 16:26	BH	6/3/2015 16:06	BFM	
Acenaphthylene	U	mg/Kg	0.109	0.026	1	6/2/2015 16:26	BH	6/3/2015 16:06	BFM	
Anthracene	0.045i	mg/Kg	0.109	0.016	1	6/2/2015 16:26	BH	6/3/2015 16:06	BFM	
Benzo(a)anthracene	0.412	mg/Kg	0.109	0.017	1	6/2/2015 16:26	BH	6/3/2015 16:06	BFM	
Benzo(a)pyrene	0.379	mg/Kg	0.109	0.023	1	6/2/2015 16:26	BH	6/3/2015 16:06	BFM	
Benzo(b)fluoranthene	0.611	mg/Kg	0.109	0.016	1	6/2/2015 16:26	BH	6/3/2015 16:06	BFM	
Benzo(g,h,i)perylene	0.276	mg/Kg	0.109	0.040	1	6/2/2015 16:26	BH	6/3/2015 16:06	BFM	
Benzo(k)fluoranthene	0.176	mg/Kg	0.109	0.012	1	6/2/2015 16:26	BH	6/3/2015 16:06	BFM	
Chrysene	0.420	mg/Kg	0.109	0.022	1	6/2/2015 16:26	BH	6/3/2015 16:06	BFM	
Dibenzo(a,h)anthracene	0.099i	mg/Kg	0.109	0.040	1	6/2/2015 16:26	BH	6/3/2015 16:06	BFM	
Fluoranthene	0.600	mg/Kg	0.109	0.017	1	6/2/2015 16:26	BH	6/3/2015 16:06	BFM	
Fluorene	U	mg/Kg	0.109	0.029	1	6/2/2015 16:26	BH	6/3/2015 16:06	BFM	
Indeno(1,2,3-cd)pyrene	0.292	mg/Kg	0.109	0.021	1	6/2/2015 16:26	BH	6/3/2015 16:06	BFM	
Naphthalene	U	mg/Kg	0.109	0.030	1	6/2/2015 16:26	BH	6/3/2015 16:06	BFM	
Phenanthrene	0.101i	mg/Kg	0.109	0.019	1	6/2/2015 16:26	BH	6/3/2015 16:06	BFM	
Pyrene	0.514	mg/Kg	0.109	0.024	1	6/2/2015 16:26	BH	6/3/2015 16:06	BFM	
Nitrobenzene-d5 (S)	64	%	20-120		1	6/2/2015 16:26	BH	6/3/2015 16:06	BFM	
2-Fluorobiphenyl (S)	60	%	30-115		1	6/2/2015 16:26	BH	6/3/2015 16:06	BFM	
p-Terphenyl-d14 (S)	67	%	15-140		1	6/2/2015 16:26	BH	6/3/2015 16:06	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	92.3	%	0.1		1			6/4/2015 11:11	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	68.0	mg/Kg	21.8	10.9	2	6/2/2015 15:56	BH	6/3/2015 21:15	BFM	
o-Terphenyl (S)	61	%	50-150		2	6/2/2015 15:56	BH	6/3/2015 21:15	BFM	
n-Triacontane-d62 (S)	70	%	50-150		2	6/2/2015 15:56	BH	6/3/2015 21:15	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	31	mg/Kg	0.54	0.11	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	
Nickel	9.6	mg/Kg	1.7	0.33	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962002**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-01-02**	Date Collected:	5/27/2015 11:55		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	1.6	mg/Kg	0.54	0.089	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	
Antimony	0.59	mg/Kg	0.54	0.063	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID: **1541962003** Date Received: 5/29/2015 17:20 Matrix: Soil/Solid

Sample ID: **CA-01-04** Date Collected: 5/27/2015 11:57

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.109	0.069	1	6/2/2015 16:26	BH	6/3/2015 12:40	BFM	
2-Methylnaphthalene	U	mg/Kg	0.109	0.042	1	6/2/2015 16:26	BH	6/3/2015 12:40	BFM	
Acenaphthene	U	mg/Kg	0.109	0.026	1	6/2/2015 16:26	BH	6/3/2015 12:40	BFM	
Acenaphthylene	U	mg/Kg	0.109	0.026	1	6/2/2015 16:26	BH	6/3/2015 12:40	BFM	
Anthracene	U	mg/Kg	0.109	0.016	1	6/2/2015 16:26	BH	6/3/2015 12:40	BFM	
Benzo(a)anthracene	0.037i	mg/Kg	0.109	0.017	1	6/2/2015 16:26	BH	6/3/2015 12:40	BFM	
Benzo(a)pyrene	0.042i	mg/Kg	0.109	0.023	1	6/2/2015 16:26	BH	6/3/2015 12:40	BFM	
Benzo(b)fluoranthene	0.063i	mg/Kg	0.109	0.016	1	6/2/2015 16:26	BH	6/3/2015 12:40	BFM	
Benzo(g,h,i)perylene	U	mg/Kg	0.109	0.041	1	6/2/2015 16:26	BH	6/3/2015 12:40	BFM	
Benzo(k)fluoranthene	U	mg/Kg	0.109	0.012	1	6/2/2015 16:26	BH	6/3/2015 12:40	BFM	
Chrysene	0.036i	mg/Kg	0.109	0.022	1	6/2/2015 16:26	BH	6/3/2015 12:40	BFM	
Dibenzo(a,h)anthracene	U	mg/Kg	0.109	0.040	1	6/2/2015 16:26	BH	6/3/2015 12:40	BFM	
Fluoranthene	0.078i	mg/Kg	0.109	0.017	1	6/2/2015 16:26	BH	6/3/2015 12:40	BFM	
Fluorene	U	mg/Kg	0.109	0.029	1	6/2/2015 16:26	BH	6/3/2015 12:40	BFM	
Indeno(1,2,3-cd)pyrene	0.039i	mg/Kg	0.109	0.021	1	6/2/2015 16:26	BH	6/3/2015 12:40	BFM	
Naphthalene	U	mg/Kg	0.109	0.030	1	6/2/2015 16:26	BH	6/3/2015 12:40	BFM	
Phenanthrene	U	mg/Kg	0.109	0.019	1	6/2/2015 16:26	BH	6/3/2015 12:40	BFM	
Pyrene	0.058i	mg/Kg	0.109	0.024	1	6/2/2015 16:26	BH	6/3/2015 12:40	BFM	
Nitrobenzene-d5 (S)	58	%	20-120		1	6/2/2015 16:26	BH	6/3/2015 12:40	BFM	
2-Fluorobiphenyl (S)	55	%	30-115		1	6/2/2015 16:26	BH	6/3/2015 12:40	BFM	
p-Terphenyl-d14 (S)	73	%	15-140		1	6/2/2015 16:26	BH	6/3/2015 12:40	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	90.9	%	0.1		1			6/4/2015 11:11	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	17.5i	mg/Kg	21.9	10.9	2	6/2/2015 15:56	BH	6/3/2015 15:04	BFM	
o-Terphenyl (S)	66	%	50-150		2	6/2/2015 15:56	BH	6/3/2015 15:04	BFM	
n-Triacontane-d62 (S)	72	%	50-150		2	6/2/2015 15:56	BH	6/3/2015 15:04	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	44	mg/Kg	0.55	0.11	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	
Nickel	10	mg/Kg	1.7	0.34	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962003**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-01-04**	Date Collected:	5/27/2015 11:57		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	0.84	mg/Kg	0.55	0.090	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	
Antimony	0.11i	mg/Kg	0.55	0.064	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962004**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-01-06**	Date Collected:	5/27/2015 11:59		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.122	0.077	1	6/2/2015 16:26	BH	6/3/2015 15:15	BFM	
2-Methylnaphthalene	U	mg/Kg	0.122	0.047	1	6/2/2015 16:26	BH	6/3/2015 15:15	BFM	
Acenaphthene	0.128	mg/Kg	0.122	0.029	1	6/2/2015 16:26	BH	6/3/2015 15:15	BFM	
Acenaphthylene	U	mg/Kg	0.122	0.029	1	6/2/2015 16:26	BH	6/3/2015 15:15	BFM	
Anthracene	0.522	mg/Kg	0.122	0.018	1	6/2/2015 16:26	BH	6/3/2015 15:15	BFM	
Benzo(a)anthracene	1.30	mg/Kg	0.122	0.019	1	6/2/2015 16:26	BH	6/3/2015 15:15	BFM	
Benzo(a)pyrene	1.05	mg/Kg	0.122	0.026	1	6/2/2015 16:26	BH	6/3/2015 15:15	BFM	
Benzo(b)fluoranthene	1.70	mg/Kg	0.122	0.018	1	6/2/2015 16:26	BH	6/3/2015 15:15	BFM	
Benzo(g,h,i)perylene	0.686	mg/Kg	0.122	0.045	1	6/2/2015 16:26	BH	6/3/2015 15:15	BFM	
Benzo(k)fluoranthene	0.561	mg/Kg	0.122	0.013	1	6/2/2015 16:26	BH	6/3/2015 15:15	BFM	
Chrysene	1.33	mg/Kg	0.122	0.025	1	6/2/2015 16:26	BH	6/3/2015 15:15	BFM	
Dibenzo(a,h)anthracene	0.237	mg/Kg	0.122	0.045	1	6/2/2015 16:26	BH	6/3/2015 15:15	BFM	
Fluoranthene	2.99	mg/Kg	0.122	0.019	1	6/2/2015 16:26	BH	6/3/2015 15:15	BFM	
Fluorene	0.119i	mg/Kg	0.122	0.033	1	6/2/2015 16:26	BH	6/3/2015 15:15	BFM	
Indeno(1,2,3-cd)pyrene	0.742	mg/Kg	0.122	0.023	1	6/2/2015 16:26	BH	6/3/2015 15:15	BFM	
Naphthalene	U	mg/Kg	0.122	0.033	1	6/2/2015 16:26	BH	6/3/2015 15:15	BFM	
Phenanthrene	1.89	mg/Kg	0.122	0.022	1	6/2/2015 16:26	BH	6/3/2015 15:15	BFM	
Pyrene	1.91	mg/Kg	0.122	0.027	1	6/2/2015 16:26	BH	6/3/2015 15:15	BFM	
Nitrobenzene-d5 (S)	53	%	20-120		1	6/2/2015 16:26	BH	6/3/2015 15:15	BFM	
2-Fluorobiphenyl (S)	49	%	30-115		1	6/2/2015 16:26	BH	6/3/2015 15:15	BFM	
p-Terphenyl-d14 (S)	67	%	15-140		1	6/2/2015 16:26	BH	6/3/2015 15:15	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	81.8	%	0.1		1			6/4/2015 11:11	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	178	mg/Kg	24.4	12.2	2	6/2/2015 15:56	BH	6/3/2015 20:53	BFM	
o-Terphenyl (S)	65	%	50-150		2	6/2/2015 15:56	BH	6/3/2015 20:53	BFM	
n-Triacontane-d62 (S)	78	%	50-150		2	6/2/2015 15:56	BH	6/3/2015 20:53	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	42	mg/Kg	0.61	0.12	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	
Nickel	12	mg/Kg	1.9	0.37	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962004**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-01-06**	Date Collected:	5/27/2015 11:59		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	2.7	mg/Kg	0.61	0.10	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	
Antimony	0.20i	mg/Kg	0.61	0.071	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962005**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-01-08**	Date Collected:	5/27/2015 12:01		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.113	0.071	1	6/2/2015 16:26	BH	6/3/2015 14:49	BFM	
2-Methylnaphthalene	U	mg/Kg	0.113	0.043	1	6/2/2015 16:26	BH	6/3/2015 14:49	BFM	
Acenaphthene	0.068i	mg/Kg	0.113	0.027	1	6/2/2015 16:26	BH	6/3/2015 14:49	BFM	
Acenaphthylene	U	mg/Kg	0.113	0.027	1	6/2/2015 16:26	BH	6/3/2015 14:49	BFM	
Anthracene	0.288	mg/Kg	0.113	0.016	1	6/2/2015 16:26	BH	6/3/2015 14:49	BFM	
Benzo(a)anthracene	0.611	mg/Kg	0.113	0.017	1	6/2/2015 16:26	BH	6/3/2015 14:49	BFM	
Benzo(a)pyrene	0.515	mg/Kg	0.113	0.024	1	6/2/2015 16:26	BH	6/3/2015 14:49	BFM	
Benzo(b)fluoranthene	0.821	mg/Kg	0.113	0.017	1	6/2/2015 16:26	BH	6/3/2015 14:49	BFM	
Benzo(g,h,i)perylene	0.400	mg/Kg	0.113	0.042	1	6/2/2015 16:26	BH	6/3/2015 14:49	BFM	
Benzo(k)fluoranthene	0.241	mg/Kg	0.113	0.012	1	6/2/2015 16:26	BH	6/3/2015 14:49	BFM	
Chrysene	0.610	mg/Kg	0.113	0.023	1	6/2/2015 16:26	BH	6/3/2015 14:49	BFM	
Dibenzo(a,h)anthracene	0.124	mg/Kg	0.113	0.041	1	6/2/2015 16:26	BH	6/3/2015 14:49	BFM	
Fluoranthene	1.62	mg/Kg	0.113	0.017	1	6/2/2015 16:26	BH	6/3/2015 14:49	BFM	
Fluorene	0.039i	mg/Kg	0.113	0.030	1	6/2/2015 16:26	BH	6/3/2015 14:49	BFM	
Indeno(1,2,3-cd)pyrene	0.411	mg/Kg	0.113	0.022	1	6/2/2015 16:26	BH	6/3/2015 14:49	BFM	
Naphthalene	U	mg/Kg	0.113	0.031	1	6/2/2015 16:26	BH	6/3/2015 14:49	BFM	
Phenanthrene	1.02	mg/Kg	0.113	0.020	1	6/2/2015 16:26	BH	6/3/2015 14:49	BFM	
Pyrene	0.819	mg/Kg	0.113	0.025	1	6/2/2015 16:26	BH	6/3/2015 14:49	BFM	
Nitrobenzene-d5 (S)	47	%	20-120		1	6/2/2015 16:26	BH	6/3/2015 14:49	BFM	
2-Fluorobiphenyl (S)	47	%	30-115		1	6/2/2015 16:26	BH	6/3/2015 14:49	BFM	
p-Terphenyl-d14 (S)	59	%	15-140		1	6/2/2015 16:26	BH	6/3/2015 14:49	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	89.1	%	0.1		1			6/4/2015 11:11	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	137	mg/Kg	22.5	11.3	2	6/2/2015 15:56	BH	6/3/2015 17:11	BFM	
o-Terphenyl (S)	64	%	50-150		2	6/2/2015 15:56	BH	6/3/2015 17:11	BFM	
n-Triacontane-d62 (S)	77	%	50-150		2	6/2/2015 15:56	BH	6/3/2015 17:11	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	26	mg/Kg	0.56	0.11	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	
Nickel	7.2	mg/Kg	1.7	0.34	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962005**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-01-08**	Date Collected:	5/27/2015 12:01		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	2.2	mg/Kg	0.56	0.092	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	
Antimony	U	mg/Kg	0.56	0.065	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962006**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-01-10**	Date Collected:	5/27/2015 12:03		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.112	0.070	1	6/9/2015 15:10	BH	6/11/2015 02:23	BFM	
2-Methylnaphthalene	U	mg/Kg	0.112	0.043	1	6/9/2015 15:10	BH	6/11/2015 02:23	BFM	
Acenaphthene	0.190	mg/Kg	0.112	0.026	1	6/9/2015 15:10	BH	6/11/2015 02:23	BFM	
Acenaphthylene	U	mg/Kg	0.112	0.027	1	6/9/2015 15:10	BH	6/11/2015 02:23	BFM	
Anthracene	0.482	mg/Kg	0.112	0.016	1	6/9/2015 15:10	BH	6/11/2015 02:23	BFM	
Benzo(a)anthracene	0.934	mg/Kg	0.112	0.017	1	6/9/2015 15:10	BH	6/11/2015 02:23	BFM	
Benzo(a)pyrene	0.724	mg/Kg	0.112	0.024	1	6/9/2015 15:10	BH	6/11/2015 02:23	BFM	
Benzo(b)fluoranthene	1.30	mg/Kg	0.112	0.017	1	6/9/2015 15:10	BH	6/11/2015 02:23	BFM	
Benzo(g,h,i)perylene	0.452	mg/Kg	0.112	0.041	1	6/9/2015 15:10	BH	6/11/2015 02:23	BFM	
Benzo(k)fluoranthene	0.396	mg/Kg	0.112	0.012	1	6/9/2015 15:10	BH	6/11/2015 02:23	BFM	
Chrysene	0.989	mg/Kg	0.112	0.023	1	6/9/2015 15:10	BH	6/11/2015 02:23	BFM	
Dibenzo(a,h)anthracene	0.167	mg/Kg	0.112	0.041	1	6/9/2015 15:10	BH	6/11/2015 02:23	BFM	
Fluoranthene	2.35	mg/Kg	0.112	0.017	1	6/9/2015 15:10	BH	6/11/2015 02:23	BFM	
Fluorene	0.153	mg/Kg	0.112	0.030	1	6/9/2015 15:10	BH	6/11/2015 02:23	BFM	
Indeno(1,2,3-cd)pyrene	0.519	mg/Kg	0.112	0.021	1	6/9/2015 15:10	BH	6/11/2015 02:23	BFM	
Naphthalene	0.041i	mg/Kg	0.112	0.030	1	6/9/2015 15:10	BH	6/11/2015 02:23	BFM	
Phenanthrene	1.70	mg/Kg	0.112	0.020	1	6/9/2015 15:10	BH	6/11/2015 02:23	BFM	
Pyrene	1.46	mg/Kg	0.112	0.025	1	6/9/2015 15:10	BH	6/11/2015 02:23	BFM	
Nitrobenzene-d5 (S)	59	%	20-120		1	6/9/2015 15:10	BH	6/11/2015 02:23	BFM	
2-Fluorobiphenyl (S)	59	%	30-115		1	6/9/2015 15:10	BH	6/11/2015 02:23	BFM	
p-Terphenyl-d14 (S)	74	%	15-140		1	6/9/2015 15:10	BH	6/11/2015 02:23	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	88.6	%	0.1		1			6/9/2015 15:42	BH	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Arsenic	4.4	mg/Kg	0.56	0.093	2	6/9/2015 16:58	ZS	6/10/2015 11:28	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962007**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-02-0.5**	Date Collected:	5/27/2015 11:47		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.107	0.067	1	6/2/2015 16:26	BH	6/3/2015 14:23	BFM	
2-Methylnaphthalene	U	mg/Kg	0.107	0.041	1	6/2/2015 16:26	BH	6/3/2015 14:23	BFM	
Acenaphthene	U	mg/Kg	0.107	0.025	1	6/2/2015 16:26	BH	6/3/2015 14:23	BFM	
Acenaphthylene	U	mg/Kg	0.107	0.026	1	6/2/2015 16:26	BH	6/3/2015 14:23	BFM	
Anthracene	U	mg/Kg	0.107	0.015	1	6/2/2015 16:26	BH	6/3/2015 14:23	BFM	
Benzo(a)anthracene	0.439	mg/Kg	0.107	0.017	1	6/2/2015 16:26	BH	6/3/2015 14:23	BFM	
Benzo(a)pyrene	0.403	mg/Kg	0.107	0.023	1	6/2/2015 16:26	BH	6/3/2015 14:23	BFM	
Benzo(b)fluoranthene	0.669	mg/Kg	0.107	0.016	1	6/2/2015 16:26	BH	6/3/2015 14:23	BFM	
Benzo(g,h,i)perylene	0.275	mg/Kg	0.107	0.040	1	6/2/2015 16:26	BH	6/3/2015 14:23	BFM	
Benzo(k)fluoranthene	0.234	mg/Kg	0.107	0.012	1	6/2/2015 16:26	BH	6/3/2015 14:23	BFM	
Chrysene	0.402	mg/Kg	0.107	0.022	1	6/2/2015 16:26	BH	6/3/2015 14:23	BFM	
Dibenzo(a,h)anthracene	0.086i	mg/Kg	0.107	0.039	1	6/2/2015 16:26	BH	6/3/2015 14:23	BFM	
Fluoranthene	0.737	mg/Kg	0.107	0.016	1	6/2/2015 16:26	BH	6/3/2015 14:23	BFM	
Fluorene	U	mg/Kg	0.107	0.028	1	6/2/2015 16:26	BH	6/3/2015 14:23	BFM	
Indeno(1,2,3-cd)pyrene	0.267	mg/Kg	0.107	0.021	1	6/2/2015 16:26	BH	6/3/2015 14:23	BFM	
Naphthalene	U	mg/Kg	0.107	0.029	1	6/2/2015 16:26	BH	6/3/2015 14:23	BFM	
Phenanthrene	0.111	mg/Kg	0.107	0.019	1	6/2/2015 16:26	BH	6/3/2015 14:23	BFM	
Pyrene	0.522	mg/Kg	0.107	0.024	1	6/2/2015 16:26	BH	6/3/2015 14:23	BFM	
Nitrobenzene-d5 (S)	45	%	20-120		1	6/2/2015 16:26	BH	6/3/2015 14:23	BFM	
2-Fluorobiphenyl (S)	52	%	30-115		1	6/2/2015 16:26	BH	6/3/2015 14:23	BFM	
p-Terphenyl-d14 (S)	71	%	15-140		1	6/2/2015 16:26	BH	6/3/2015 14:23	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	93.7	%	0.1		1			6/4/2015 11:11	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	37.4	mg/Kg	21.4	10.7	2	6/2/2015 15:56	BH	6/3/2015 16:29	BFM	
o-Terphenyl (S)	62	%	50-150		2	6/2/2015 15:56	BH	6/3/2015 16:29	BFM	
n-Triacontane-d62 (S)	73	%	50-150		2	6/2/2015 15:56	BH	6/3/2015 16:29	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	22	mg/Kg	0.53	0.10	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	
Nickel	6.2	mg/Kg	1.6	0.33	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962007**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-02-0.5**	Date Collected:	5/27/2015 11:47		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	1.6	mg/Kg	0.53	0.088	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	
Antimony	0.13i	mg/Kg	0.53	0.062	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID: **1541962008** Date Received: 5/29/2015 17:20 Matrix: Soil/Solid

Sample ID: **CA-02-02** Date Collected: 5/27/2015 11:48

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.109	0.069	1	6/2/2015 16:26	BH	6/3/2015 16:32	BFM	
2-Methylnaphthalene	U	mg/Kg	0.109	0.042	1	6/2/2015 16:26	BH	6/3/2015 16:32	BFM	
Acenaphthene	U	mg/Kg	0.109	0.026	1	6/2/2015 16:26	BH	6/3/2015 16:32	BFM	
Acenaphthylene	U	mg/Kg	0.109	0.026	1	6/2/2015 16:26	BH	6/3/2015 16:32	BFM	
Anthracene	0.248	mg/Kg	0.109	0.016	1	6/2/2015 16:26	BH	6/3/2015 16:32	BFM	
Benzo(a)anthracene	1.04	mg/Kg	0.109	0.017	1	6/2/2015 16:26	BH	6/3/2015 16:32	BFM	
Benzo(a)pyrene	0.959	mg/Kg	0.109	0.023	1	6/2/2015 16:26	BH	6/3/2015 16:32	BFM	
Benzo(b)fluoranthene	1.42	mg/Kg	0.109	0.016	1	6/2/2015 16:26	BH	6/3/2015 16:32	BFM	
Benzo(g,h,i)perylene	0.656	mg/Kg	0.109	0.040	1	6/2/2015 16:26	BH	6/3/2015 16:32	BFM	
Benzo(k)fluoranthene	0.486	mg/Kg	0.109	0.012	1	6/2/2015 16:26	BH	6/3/2015 16:32	BFM	
Chrysene	1.05	mg/Kg	0.109	0.022	1	6/2/2015 16:26	BH	6/3/2015 16:32	BFM	
Dibenzo(a,h)anthracene	0.225	mg/Kg	0.109	0.040	1	6/2/2015 16:26	BH	6/3/2015 16:32	BFM	
Fluoranthene	2.27	mg/Kg	0.109	0.017	1	6/2/2015 16:26	BH	6/3/2015 16:32	BFM	
Fluorene	U	mg/Kg	0.109	0.029	1	6/2/2015 16:26	BH	6/3/2015 16:32	BFM	
Indeno(1,2,3-cd)pyrene	0.769	mg/Kg	0.109	0.021	1	6/2/2015 16:26	BH	6/3/2015 16:32	BFM	
Naphthalene	U	mg/Kg	0.109	0.030	1	6/2/2015 16:26	BH	6/3/2015 16:32	BFM	
Phenanthrene	0.502	mg/Kg	0.109	0.019	1	6/2/2015 16:26	BH	6/3/2015 16:32	BFM	
Pyrene	1.24	mg/Kg	0.109	0.024	1	6/2/2015 16:26	BH	6/3/2015 16:32	BFM	
Nitrobenzene-d5 (S)	51	%	20-120		1	6/2/2015 16:26	BH	6/3/2015 16:32	BFM	
2-Fluorobiphenyl (S)	50	%	30-115		1	6/2/2015 16:26	BH	6/3/2015 16:32	BFM	
p-Terphenyl-d14 (S)	58	%	15-140		1	6/2/2015 16:26	BH	6/3/2015 16:32	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	91.4	%	0.1		1			6/4/2015 11:11	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	95.6	mg/Kg	43.7	21.8	4	6/2/2015 15:56	BH	6/4/2015 20:00	BFM	
o-Terphenyl (S)	60	%	50-150		4	6/2/2015 15:56	BH	6/4/2015 20:00	BFM	
n-Triacontane-d62 (S)	77	%	50-150		4	6/2/2015 15:56	BH	6/4/2015 20:00	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	49	mg/Kg	0.55	0.11	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	
Nickel	14	mg/Kg	1.7	0.33	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962008**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-02-02**	Date Collected:	5/27/2015 11:48		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	2.3	mg/Kg	0.55	0.090	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	
Antimony	0.27i	mg/Kg	0.55	0.063	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID: **1541962009** Date Received: 5/29/2015 17:20 Matrix: Soil/Solid

Sample ID: **CA-02-04** Date Collected: 5/27/2015 11:49

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.111	0.070	1	6/2/2015 16:26	BH	6/3/2015 13:06	BFM	
2-Methylnaphthalene	U	mg/Kg	0.111	0.043	1	6/2/2015 16:26	BH	6/3/2015 13:06	BFM	
Acenaphthene	U	mg/Kg	0.111	0.026	1	6/2/2015 16:26	BH	6/3/2015 13:06	BFM	
Acenaphthylene	U	mg/Kg	0.111	0.027	1	6/2/2015 16:26	BH	6/3/2015 13:06	BFM	
Anthracene	U	mg/Kg	0.111	0.016	1	6/2/2015 16:26	BH	6/3/2015 13:06	BFM	
Benzo(a)anthracene	U	mg/Kg	0.111	0.017	1	6/2/2015 16:26	BH	6/3/2015 13:06	BFM	
Benzo(a)pyrene	U	mg/Kg	0.111	0.024	1	6/2/2015 16:26	BH	6/3/2015 13:06	BFM	
Benzo(b)fluoranthene	U	mg/Kg	0.111	0.017	1	6/2/2015 16:26	BH	6/3/2015 13:06	BFM	
Benzo(g,h,i)perylene	U	mg/Kg	0.111	0.041	1	6/2/2015 16:26	BH	6/3/2015 13:06	BFM	
Benzo(k)fluoranthene	U	mg/Kg	0.111	0.012	1	6/2/2015 16:26	BH	6/3/2015 13:06	BFM	
Chrysene	U	mg/Kg	0.111	0.023	1	6/2/2015 16:26	BH	6/3/2015 13:06	BFM	
Dibenzo(a,h)anthracene	U	mg/Kg	0.111	0.041	1	6/2/2015 16:26	BH	6/3/2015 13:06	BFM	
Fluoranthene	U	mg/Kg	0.111	0.017	1	6/2/2015 16:26	BH	6/3/2015 13:06	BFM	
Fluorene	U	mg/Kg	0.111	0.030	1	6/2/2015 16:26	BH	6/3/2015 13:06	BFM	
Indeno(1,2,3-cd)pyrene	U	mg/Kg	0.111	0.021	1	6/2/2015 16:26	BH	6/3/2015 13:06	BFM	
Naphthalene	U	mg/Kg	0.111	0.030	1	6/2/2015 16:26	BH	6/3/2015 13:06	BFM	
Phenanthrene	U	mg/Kg	0.111	0.020	1	6/2/2015 16:26	BH	6/3/2015 13:06	BFM	
Pyrene	U	mg/Kg	0.111	0.025	1	6/2/2015 16:26	BH	6/3/2015 13:06	BFM	
Nitrobenzene-d5 (S)	58	%	20-120		1	6/2/2015 16:26	BH	6/3/2015 13:06	BFM	
2-Fluorobiphenyl (S)	55	%	30-115		1	6/2/2015 16:26	BH	6/3/2015 13:06	BFM	
p-Terphenyl-d14 (S)	80	%	15-140		1	6/2/2015 16:26	BH	6/3/2015 13:06	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	90.5	%	0.1		1			6/4/2015 11:11	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	16.8i	mg/Kg	22.3	11.1	2	6/2/2015 15:56	BH	6/3/2015 15:25	BFM	
o-Terphenyl (S)	63	%	50-150		2	6/2/2015 15:56	BH	6/3/2015 15:25	BFM	
n-Triacontane-d62 (S)	72	%	50-150		2	6/2/2015 15:56	BH	6/3/2015 15:25	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	80	mg/Kg	0.55	0.11	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	
Nickel	23	mg/Kg	1.7	0.34	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962009**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-02-04**	Date Collected:	5/27/2015 11:49		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	0.92	mg/Kg	0.55	0.091	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	
Antimony	U	mg/Kg	0.55	0.064	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID: **1541962010** Date Received: 5/29/2015 17:20 Matrix: Soil/Solid

Sample ID: **CA-02-06** Date Collected: 5/27/2015 11:50

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.108	0.068	1	6/2/2015 16:26	BH	6/3/2015 13:57	BFM	
2-Methylnaphthalene	U	mg/Kg	0.108	0.041	1	6/2/2015 16:26	BH	6/3/2015 13:57	BFM	
Acenaphthene	U	mg/Kg	0.108	0.026	1	6/2/2015 16:26	BH	6/3/2015 13:57	BFM	
Acenaphthylene	U	mg/Kg	0.108	0.026	1	6/2/2015 16:26	BH	6/3/2015 13:57	BFM	
Anthracene	0.052i	mg/Kg	0.108	0.016	1	6/2/2015 16:26	BH	6/3/2015 13:57	BFM	
Benzo(a)anthracene	0.272	mg/Kg	0.108	0.017	1	6/2/2015 16:26	BH	6/3/2015 13:57	BFM	
Benzo(a)pyrene	0.190	mg/Kg	0.108	0.023	1	6/2/2015 16:26	BH	6/3/2015 13:57	BFM	
Benzo(b)fluoranthene	0.342	mg/Kg	0.108	0.016	1	6/2/2015 16:26	BH	6/3/2015 13:57	BFM	
Benzo(g,h,i)perylene	0.139	mg/Kg	0.108	0.040	1	6/2/2015 16:26	BH	6/3/2015 13:57	BFM	
Benzo(k)fluoranthene	0.107i	mg/Kg	0.108	0.012	1	6/2/2015 16:26	BH	6/3/2015 13:57	BFM	
Chrysene	0.275	mg/Kg	0.108	0.022	1	6/2/2015 16:26	BH	6/3/2015 13:57	BFM	
Dibenzo(a,h)anthracene	0.054i	mg/Kg	0.108	0.040	1	6/2/2015 16:26	BH	6/3/2015 13:57	BFM	
Fluoranthene	0.529	mg/Kg	0.108	0.017	1	6/2/2015 16:26	BH	6/3/2015 13:57	BFM	
Fluorene	U	mg/Kg	0.108	0.029	1	6/2/2015 16:26	BH	6/3/2015 13:57	BFM	
Indeno(1,2,3-cd)pyrene	0.147	mg/Kg	0.108	0.021	1	6/2/2015 16:26	BH	6/3/2015 13:57	BFM	
Naphthalene	U	mg/Kg	0.108	0.029	1	6/2/2015 16:26	BH	6/3/2015 13:57	BFM	
Phenanthrene	0.195	mg/Kg	0.108	0.019	1	6/2/2015 16:26	BH	6/3/2015 13:57	BFM	
Pyrene	0.308	mg/Kg	0.108	0.024	1	6/2/2015 16:26	BH	6/3/2015 13:57	BFM	
Nitrobenzene-d5 (S)	58	%	20-120		1	6/2/2015 16:26	BH	6/3/2015 13:57	BFM	
2-Fluorobiphenyl (S)	59	%	30-115		1	6/2/2015 16:26	BH	6/3/2015 13:57	BFM	
p-Terphenyl-d14 (S)	68	%	15-140		1	6/2/2015 16:26	BH	6/3/2015 13:57	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	92.4	%	0.1		1			6/4/2015 11:11	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	26.6	mg/Kg	21.6	10.8	2	6/2/2015 15:56	BH	6/3/2015 15:46	BFM	
o-Terphenyl (S)	65	%	50-150		2	6/2/2015 15:56	BH	6/3/2015 15:46	BFM	
n-Triacontane-d62 (S)	75	%	50-150		2	6/2/2015 15:56	BH	6/3/2015 15:46	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	14	mg/Kg	0.54	0.11	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	
Nickel	4.0	mg/Kg	1.7	0.33	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962010**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-02-06**	Date Collected:	5/27/2015 11:50		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	0.70	mg/Kg	0.54	0.089	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	
Antimony	U	mg/Kg	0.54	0.063	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID: **1541962011** Date Received: 5/29/2015 17:20 Matrix: Soil/Solid

Sample ID: **CA-02-08** Date Collected: 5/27/2015 11:51

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.558	0.352	5	6/2/2015 16:26	BH	6/3/2015 16:57	BFM	
2-Methylnaphthalene	U	mg/Kg	0.558	0.213	5	6/2/2015 16:26	BH	6/3/2015 16:57	BFM	
Acenaphthene	0.321i	mg/Kg	0.558	0.132	5	6/2/2015 16:26	BH	6/3/2015 16:57	BFM	
Acenaphthylene	U	mg/Kg	0.558	0.134	5	6/2/2015 16:26	BH	6/3/2015 16:57	BFM	
Anthracene	2.57	mg/Kg	0.558	0.081	5	6/2/2015 16:26	BH	6/3/2015 16:57	BFM	
Benzo(a)anthracene	6.59	mg/Kg	0.558	0.086	5	6/2/2015 16:26	BH	6/3/2015 16:57	BFM	
Benzo(a)pyrene	4.88	mg/Kg	0.558	0.118	5	6/2/2015 16:26	BH	6/3/2015 16:57	BFM	
Benzo(b)fluoranthene	7.99	mg/Kg	0.558	0.084	5	6/2/2015 16:26	BH	6/3/2015 16:57	BFM	
Benzo(g,h,i)perylene	2.94	mg/Kg	0.558	0.206	5	6/2/2015 16:26	BH	6/3/2015 16:57	BFM	
Benzo(k)fluoranthene	2.55	mg/Kg	0.558	0.061	5	6/2/2015 16:26	BH	6/3/2015 16:57	BFM	
Chrysene	6.71	mg/Kg	0.558	0.114	5	6/2/2015 16:26	BH	6/3/2015 16:57	BFM	
Dibenzo(a,h)anthracene	1.15	mg/Kg	0.558	0.204	5	6/2/2015 16:26	BH	6/3/2015 16:57	BFM	
Fluoranthene	15.4	mg/Kg	0.558	0.086	5	6/2/2015 16:26	BH	6/3/2015 16:57	BFM	
Fluorene	0.390i	mg/Kg	0.558	0.148	5	6/2/2015 16:26	BH	6/3/2015 16:57	BFM	
Indeno(1,2,3-cd)pyrene	3.46	mg/Kg	0.558	0.107	5	6/2/2015 16:26	BH	6/3/2015 16:57	BFM	
Naphthalene	U	mg/Kg	0.558	0.152	5	6/2/2015 16:26	BH	6/3/2015 16:57	BFM	
Phenanthrene	8.33	mg/Kg	0.558	0.099	5	6/2/2015 16:26	BH	6/3/2015 16:57	BFM	
Pyrene	8.90	mg/Kg	0.558	0.123	5	6/2/2015 16:26	BH	6/3/2015 16:57	BFM	
Nitrobenzene-d5 (S)	37	%	20-120		5	6/2/2015 16:26	BH	6/3/2015 16:57	BFM	
2-Fluorobiphenyl (S)	43	%	30-115		5	6/2/2015 16:26	BH	6/3/2015 16:57	BFM	
p-Terphenyl-d14 (S)	64	%	15-140		5	6/2/2015 16:26	BH	6/3/2015 16:57	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	89.2	%	0.1		1			6/4/2015 11:11	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	370	mg/Kg	55.8	27.9	5	6/2/2015 15:56	BH	6/3/2015 22:39	BFM	
o-Terphenyl (S)	66	%	50-150		5	6/2/2015 15:56	BH	6/3/2015 22:39	BFM	
n-Triacontane-d62 (S)	120	%	50-150		5	6/2/2015 15:56	BH	6/3/2015 22:39	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	31	mg/Kg	0.56	0.11	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	
Nickel	8.5	mg/Kg	1.7	0.34	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962011**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-02-08**	Date Collected:	5/27/2015 11:51		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	2.0	mg/Kg	0.56	0.092	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	
Antimony	0.40i	mg/Kg	0.56	0.065	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962012**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-02-10**	Date Collected:	5/27/2015 11:52		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.115	0.072	1	6/9/2015 15:10	BH	6/11/2015 02:48	BFM	
2-Methylnaphthalene	U	mg/Kg	0.115	0.044	1	6/9/2015 15:10	BH	6/11/2015 02:48	BFM	
Acenaphthene	0.050i	mg/Kg	0.115	0.027	1	6/9/2015 15:10	BH	6/11/2015 02:48	BFM	
Acenaphthylene	U	mg/Kg	0.115	0.028	1	6/9/2015 15:10	BH	6/11/2015 02:48	BFM	
Anthracene	0.200	mg/Kg	0.115	0.017	1	6/9/2015 15:10	BH	6/11/2015 02:48	BFM	
Benzo(a)anthracene	0.624	mg/Kg	0.115	0.018	1	6/9/2015 15:10	BH	6/11/2015 02:48	BFM	
Benzo(a)pyrene	0.489	mg/Kg	0.115	0.024	1	6/9/2015 15:10	BH	6/11/2015 02:48	BFM	
Benzo(b)fluoranthene	0.832	mg/Kg	0.115	0.017	1	6/9/2015 15:10	BH	6/11/2015 02:48	BFM	
Benzo(g,h,i)perylene	0.293	mg/Kg	0.115	0.042	1	6/9/2015 15:10	BH	6/11/2015 02:48	BFM	
Benzo(k)fluoranthene	0.277	mg/Kg	0.115	0.012	1	6/9/2015 15:10	BH	6/11/2015 02:48	BFM	
Chrysene	0.668	mg/Kg	0.115	0.023	1	6/9/2015 15:10	BH	6/11/2015 02:48	BFM	
Dibenzo(a,h)anthracene	0.118	mg/Kg	0.115	0.042	1	6/9/2015 15:10	BH	6/11/2015 02:48	BFM	
Fluoranthene	1.38	mg/Kg	0.115	0.018	1	6/9/2015 15:10	BH	6/11/2015 02:48	BFM	
Fluorene	0.046i	mg/Kg	0.115	0.031	1	6/9/2015 15:10	BH	6/11/2015 02:48	BFM	
Indeno(1,2,3-cd)pyrene	0.340	mg/Kg	0.115	0.022	1	6/9/2015 15:10	BH	6/11/2015 02:48	BFM	
Naphthalene	U	mg/Kg	0.115	0.031	1	6/9/2015 15:10	BH	6/11/2015 02:48	BFM	
Phenanthrene	0.768	mg/Kg	0.115	0.020	1	6/9/2015 15:10	BH	6/11/2015 02:48	BFM	
Pyrene	0.997	mg/Kg	0.115	0.025	1	6/9/2015 15:10	BH	6/11/2015 02:48	BFM	
Nitrobenzene-d5 (S)	64	%	20-120		1	6/9/2015 15:10	BH	6/11/2015 02:48	BFM	
2-Fluorobiphenyl (S)	61	%	30-115		1	6/9/2015 15:10	BH	6/11/2015 02:48	BFM	
p-Terphenyl-d14 (S)	78	%	15-140		1	6/9/2015 15:10	BH	6/11/2015 02:48	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	86.3	%	0.1		1			6/9/2015 15:42	BH	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	79.7	mg/Kg	22.9	11.5	2	6/9/2015 15:04	BH	6/10/2015 23:07	BFM	
o-Terphenyl (S)	64	%	50-150		2	6/9/2015 15:04	BH	6/10/2015 23:07	BFM	
n-Triacontane-d62 (S)	80	%	50-150		2	6/9/2015 15:04	BH	6/10/2015 23:07	BFM	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID: **1541962013** Date Received: 5/29/2015 17:20 Matrix: Soil/Solid

Sample ID: **CA-03-0.5** Date Collected: 5/27/2015 11:36

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.105	0.066	1	6/2/2015 16:26	BH	6/3/2015 17:23	BFM	
2-Methylnaphthalene	U	mg/Kg	0.105	0.040	1	6/2/2015 16:26	BH	6/3/2015 17:23	BFM	
Acenaphthene	U	mg/Kg	0.105	0.025	1	6/2/2015 16:26	BH	6/3/2015 17:23	BFM	
Acenaphthylene	U	mg/Kg	0.105	0.025	1	6/2/2015 16:26	BH	6/3/2015 17:23	BFM	
Anthracene	0.056i	mg/Kg	0.105	0.015	1	6/2/2015 16:26	BH	6/3/2015 17:23	BFM	
Benzo(a)anthracene	0.361	mg/Kg	0.105	0.016	1	6/2/2015 16:26	BH	6/3/2015 17:23	BFM	
Benzo(a)pyrene	0.316	mg/Kg	0.105	0.022	1	6/2/2015 16:26	BH	6/3/2015 17:23	BFM	
Benzo(b)fluoranthene	0.565	mg/Kg	0.105	0.016	1	6/2/2015 16:26	BH	6/3/2015 17:23	BFM	
Benzo(g,h,i)perylene	0.244	mg/Kg	0.105	0.039	1	6/2/2015 16:26	BH	6/3/2015 17:23	BFM	
Benzo(k)fluoranthene	0.141	mg/Kg	0.105	0.011	1	6/2/2015 16:26	BH	6/3/2015 17:23	BFM	
Chrysene	0.386	mg/Kg	0.105	0.021	1	6/2/2015 16:26	BH	6/3/2015 17:23	BFM	
Dibenzo(a,h)anthracene	0.082i	mg/Kg	0.105	0.039	1	6/2/2015 16:26	BH	6/3/2015 17:23	BFM	
Fluoranthene	0.774	mg/Kg	0.105	0.016	1	6/2/2015 16:26	BH	6/3/2015 17:23	BFM	
Fluorene	U	mg/Kg	0.105	0.028	1	6/2/2015 16:26	BH	6/3/2015 17:23	BFM	
Indeno(1,2,3-cd)pyrene	0.255	mg/Kg	0.105	0.020	1	6/2/2015 16:26	BH	6/3/2015 17:23	BFM	
Naphthalene	U	mg/Kg	0.105	0.029	1	6/2/2015 16:26	BH	6/3/2015 17:23	BFM	
Phenanthrene	0.163	mg/Kg	0.105	0.019	1	6/2/2015 16:26	BH	6/3/2015 17:23	BFM	
Pyrene	0.524	mg/Kg	0.105	0.023	1	6/2/2015 16:26	BH	6/3/2015 17:23	BFM	
Nitrobenzene-d5 (S)	48	%	20-120		1	6/2/2015 16:26	BH	6/3/2015 17:23	BFM	
2-Fluorobiphenyl (S)	46	%	30-115		1	6/2/2015 16:26	BH	6/3/2015 17:23	BFM	
p-Terphenyl-d14 (S)	52	%	15-140		1	6/2/2015 16:26	BH	6/3/2015 17:23	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	94.1	%	0.1		1			6/4/2015 11:11	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	80.5	mg/Kg	21.1	10.5	2	6/2/2015 15:56	BH	6/3/2015 17:32	BFM	
o-Terphenyl (S)	57	%	50-150		2	6/2/2015 15:56	BH	6/3/2015 17:32	BFM	
n-Triacontane-d62 (S)	65	%	50-150		2	6/2/2015 15:56	BH	6/3/2015 17:32	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	53	mg/Kg	0.53	0.10	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	
Nickel	14	mg/Kg	1.6	0.33	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962013**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-03-0.5**	Date Collected:	5/27/2015 11:36		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	2.4	mg/Kg	0.53	0.087	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	
Antimony	0.42i	mg/Kg	0.53	0.062	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID: **1541962014** Date Received: 5/29/2015 17:20 Matrix: Soil/Solid

Sample ID: **CA-03-02** Date Collected: 5/27/2015 11:38

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.107	0.068	1	6/2/2015 16:26	BH	6/3/2015 17:49	BFM	
2-Methylnaphthalene	U	mg/Kg	0.107	0.041	1	6/2/2015 16:26	BH	6/3/2015 17:49	BFM	
Acenaphthene	U	mg/Kg	0.107	0.025	1	6/2/2015 16:26	BH	6/3/2015 17:49	BFM	
Acenaphthylene	U	mg/Kg	0.107	0.026	1	6/2/2015 16:26	BH	6/3/2015 17:49	BFM	
Anthracene	U	mg/Kg	0.107	0.016	1	6/2/2015 16:26	BH	6/3/2015 17:49	BFM	
Benzo(a)anthracene	U	mg/Kg	0.107	0.017	1	6/2/2015 16:26	BH	6/3/2015 17:49	BFM	
Benzo(a)pyrene	0.024i	mg/Kg	0.107	0.023	1	6/2/2015 16:26	BH	6/3/2015 17:49	BFM	
Benzo(b)fluoranthene	0.039i	mg/Kg	0.107	0.016	1	6/2/2015 16:26	BH	6/3/2015 17:49	BFM	
Benzo(g,h,i)perylene	U	mg/Kg	0.107	0.040	1	6/2/2015 16:26	BH	6/3/2015 17:49	BFM	
Benzo(k)fluoranthene	U	mg/Kg	0.107	0.012	1	6/2/2015 16:26	BH	6/3/2015 17:49	BFM	
Chrysene	U	mg/Kg	0.107	0.022	1	6/2/2015 16:26	BH	6/3/2015 17:49	BFM	
Dibenzo(a,h)anthracene	U	mg/Kg	0.107	0.039	1	6/2/2015 16:26	BH	6/3/2015 17:49	BFM	
Fluoranthene	0.031i	mg/Kg	0.107	0.017	1	6/2/2015 16:26	BH	6/3/2015 17:49	BFM	
Fluorene	U	mg/Kg	0.107	0.029	1	6/2/2015 16:26	BH	6/3/2015 17:49	BFM	
Indeno(1,2,3-cd)pyrene	0.026i	mg/Kg	0.107	0.021	1	6/2/2015 16:26	BH	6/3/2015 17:49	BFM	
Naphthalene	U	mg/Kg	0.107	0.029	1	6/2/2015 16:26	BH	6/3/2015 17:49	BFM	
Phenanthrene	U	mg/Kg	0.107	0.019	1	6/2/2015 16:26	BH	6/3/2015 17:49	BFM	
Pyrene	0.024i	mg/Kg	0.107	0.024	1	6/2/2015 16:26	BH	6/3/2015 17:49	BFM	
Nitrobenzene-d5 (S)	45	%	20-120		1	6/2/2015 16:26	BH	6/3/2015 17:49	BFM	
2-Fluorobiphenyl (S)	44	%	30-115		1	6/2/2015 16:26	BH	6/3/2015 17:49	BFM	
p-Terphenyl-d14 (S)	60	%	15-140		1	6/2/2015 16:26	BH	6/3/2015 17:49	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	91.2	%	0.1		1			6/4/2015 11:11	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	23.2	mg/Kg	21.5	10.7	2	6/2/2015 15:56	BH	6/3/2015 16:07	BFM	
o-Terphenyl (S)	65	%	50-150		2	6/2/2015 15:56	BH	6/3/2015 16:07	BFM	
n-Triacontane-d62 (S)	75	%	50-150		2	6/2/2015 15:56	BH	6/3/2015 16:07	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	6.7	mg/Kg	0.55	0.11	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	
Nickel	1.5i	mg/Kg	1.7	0.34	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962014**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-03-02**	Date Collected:	5/27/2015 11:38		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	0.51i	mg/Kg	0.55	0.090	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	
Antimony	0.10i	mg/Kg	0.55	0.064	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962015**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-03-04**	Date Collected:	5/27/2015 11:40		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.110	0.069	1	6/2/2015 16:26	BH	6/3/2015 18:15	BFM	
2-Methylnaphthalene	U	mg/Kg	0.110	0.042	1	6/2/2015 16:26	BH	6/3/2015 18:15	BFM	
Acenaphthene	0.027i	mg/Kg	0.110	0.026	1	6/2/2015 16:26	BH	6/3/2015 18:15	BFM	
Acenaphthylene	U	mg/Kg	0.110	0.026	1	6/2/2015 16:26	BH	6/3/2015 18:15	BFM	
Anthracene	0.123	mg/Kg	0.110	0.016	1	6/2/2015 16:26	BH	6/3/2015 18:15	BFM	
Benzo(a)anthracene	0.702	mg/Kg	0.110	0.017	1	6/2/2015 16:26	BH	6/3/2015 18:15	BFM	
Benzo(a)pyrene	1.41	mg/Kg	0.110	0.023	1	6/2/2015 16:26	BH	6/3/2015 18:15	BFM	
Benzo(b)fluoranthene	1.98	mg/Kg	0.110	0.016	1	6/2/2015 16:26	BH	6/3/2015 18:15	BFM	
Benzo(g,h,i)perylene	1.02	mg/Kg	0.110	0.041	1	6/2/2015 16:26	BH	6/3/2015 18:15	BFM	
Benzo(k)fluoranthene	0.693	mg/Kg	0.110	0.012	1	6/2/2015 16:26	BH	6/3/2015 18:15	BFM	
Chrysene	0.871	mg/Kg	0.110	0.022	1	6/2/2015 16:26	BH	6/3/2015 18:15	BFM	
Dibenzo(a,h)anthracene	0.300	mg/Kg	0.110	0.040	1	6/2/2015 16:26	BH	6/3/2015 18:15	BFM	
Fluoranthene	0.907	mg/Kg	0.110	0.017	1	6/2/2015 16:26	BH	6/3/2015 18:15	BFM	
Fluorene	U	mg/Kg	0.110	0.029	1	6/2/2015 16:26	BH	6/3/2015 18:15	BFM	
Indeno(1,2,3-cd)pyrene	1.16	mg/Kg	0.110	0.021	1	6/2/2015 16:26	BH	6/3/2015 18:15	BFM	
Naphthalene	U	mg/Kg	0.110	0.030	1	6/2/2015 16:26	BH	6/3/2015 18:15	BFM	
Phenanthrene	0.364	mg/Kg	0.110	0.020	1	6/2/2015 16:26	BH	6/3/2015 18:15	BFM	
Pyrene	0.915	mg/Kg	0.110	0.024	1	6/2/2015 16:26	BH	6/3/2015 18:15	BFM	
Nitrobenzene-d5 (S)	111	%	20-120		1	6/2/2015 16:26	BH	6/3/2015 18:15	BFM	
2-Fluorobiphenyl (S)	102	%	30-115		1	6/2/2015 16:26	BH	6/3/2015 18:15	BFM	
p-Terphenyl-d14 (S)	126	%	15-140		1	6/2/2015 16:26	BH	6/3/2015 18:15	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	90.3	%	0.1		1			6/4/2015 11:11	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	113	mg/Kg	43.8	21.9	4	6/2/2015 15:56	BH	6/4/2015 20:21	BFM	
o-Terphenyl (S)	67	%	50-150		4	6/2/2015 15:56	BH	6/4/2015 20:21	BFM	
n-Triacontane-d62 (S)	90	%	50-150		4	6/2/2015 15:56	BH	6/4/2015 20:21	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	21	mg/Kg	0.55	0.11	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	
Nickel	7.1	mg/Kg	1.7	0.34	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962015**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-03-04**	Date Collected:	5/27/2015 11:40		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	16	mg/Kg	0.55	0.091	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	
Antimony	0.20i	mg/Kg	0.55	0.064	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962016**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-03-06**	Date Collected:	5/27/2015 11:42		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.541	0.341	5	6/2/2015 16:26	BH	6/3/2015 18:40	BFM	
2-Methylnaphthalene	U	mg/Kg	0.541	0.207	5	6/2/2015 16:26	BH	6/3/2015 18:40	BFM	
Acenaphthene	1.13	mg/Kg	0.541	0.128	5	6/2/2015 16:26	BH	6/3/2015 18:40	BFM	
Acenaphthylene	U	mg/Kg	0.541	0.130	5	6/2/2015 16:26	BH	6/3/2015 18:40	BFM	
Anthracene	6.26	mg/Kg	0.541	0.078	5	6/2/2015 16:26	BH	6/3/2015 18:40	BFM	
Benzo(a)anthracene	11.5	mg/Kg	0.541	0.084	5	6/2/2015 16:26	BH	6/3/2015 18:40	BFM	
Benzo(a)pyrene	8.82	mg/Kg	0.541	0.115	5	6/2/2015 16:26	BH	6/3/2015 18:40	BFM	
Benzo(b)fluoranthene	13.3	mg/Kg	0.541	0.081	5	6/2/2015 16:26	BH	6/3/2015 18:40	BFM	
Benzo(g,h,i)perylene	4.80	mg/Kg	0.541	0.200	5	6/2/2015 16:26	BH	6/3/2015 18:40	BFM	
Benzo(k)fluoranthene	4.25	mg/Kg	0.541	0.059	5	6/2/2015 16:26	BH	6/3/2015 18:40	BFM	
Chrysene	10.6	mg/Kg	0.541	0.110	5	6/2/2015 16:26	BH	6/3/2015 18:40	BFM	
Dibenzo(a,h)anthracene	1.93	mg/Kg	0.541	0.198	5	6/2/2015 16:26	BH	6/3/2015 18:40	BFM	
Fluoranthene	24.2	mg/Kg	0.541	0.083	5	6/2/2015 16:26	BH	6/3/2015 18:40	BFM	
Fluorene	1.86	mg/Kg	0.541	0.144	5	6/2/2015 16:26	BH	6/3/2015 18:40	BFM	
Indeno(1,2,3-cd)pyrene	5.53	mg/Kg	0.541	0.104	5	6/2/2015 16:26	BH	6/3/2015 18:40	BFM	
Naphthalene	U	mg/Kg	0.541	0.147	5	6/2/2015 16:26	BH	6/3/2015 18:40	BFM	
Phenanthrene	17.4	mg/Kg	0.541	0.096	5	6/2/2015 16:26	BH	6/3/2015 18:40	BFM	
Pyrene	14.8	mg/Kg	0.541	0.120	5	6/2/2015 16:26	BH	6/3/2015 18:40	BFM	
Nitrobenzene-d5 (S)	42	%	20-120		5	6/2/2015 16:26	BH	6/3/2015 18:40	BFM	
2-Fluorobiphenyl (S)	46	%	30-115		5	6/2/2015 16:26	BH	6/3/2015 18:40	BFM	
p-Terphenyl-d14 (S)	58	%	15-140		5	6/2/2015 16:26	BH	6/3/2015 18:40	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	91.1	%	0.1		1			6/4/2015 11:11	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	547	mg/Kg	108	54.1	10	6/2/2015 15:56	BH	6/4/2015 20:41	BFM	
o-Terphenyl (S)	65	%	50-150		10	6/2/2015 15:56	BH	6/4/2015 20:41	BFM	
n-Triacontane-d62 (S)	64	%	50-150		10	6/2/2015 15:56	BH	6/4/2015 20:41	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	32	mg/Kg	0.55	0.11	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	
Nickel	8.4	mg/Kg	1.7	0.34	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962016**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-03-06**	Date Collected:	5/27/2015 11:42		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	2.1	mg/Kg	0.55	0.090	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	
Antimony	0.10i	mg/Kg	0.55	0.064	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID: **1541962017** Date Received: 5/29/2015 17:20 Matrix: Soil/Solid

Sample ID: **CA-03-08** Date Collected: 5/27/2015 11:44

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.112	0.071	1	6/2/2015 16:26	BH	6/3/2015 19:06	BFM	
2-Methylnaphthalene	U	mg/Kg	0.112	0.043	1	6/2/2015 16:26	BH	6/3/2015 19:06	BFM	
Acenaphthene	0.153	mg/Kg	0.112	0.026	1	6/2/2015 16:26	BH	6/3/2015 19:06	BFM	
Acenaphthylene	U	mg/Kg	0.112	0.027	1	6/2/2015 16:26	BH	6/3/2015 19:06	BFM	
Anthracene	0.466	mg/Kg	0.112	0.016	1	6/2/2015 16:26	BH	6/3/2015 19:06	BFM	
Benzo(a)anthracene	0.875	mg/Kg	0.112	0.017	1	6/2/2015 16:26	BH	6/3/2015 19:06	BFM	
Benzo(a)pyrene	0.736	mg/Kg	0.112	0.024	1	6/2/2015 16:26	BH	6/3/2015 19:06	BFM	
Benzo(b)fluoranthene	1.22	mg/Kg	0.112	0.017	1	6/2/2015 16:26	BH	6/3/2015 19:06	BFM	
Benzo(g,h,i)perylene	0.541	mg/Kg	0.112	0.041	1	6/2/2015 16:26	BH	6/3/2015 19:06	BFM	
Benzo(k)fluoranthene	0.340	mg/Kg	0.112	0.012	1	6/2/2015 16:26	BH	6/3/2015 19:06	BFM	
Chrysene	0.873	mg/Kg	0.112	0.023	1	6/2/2015 16:26	BH	6/3/2015 19:06	BFM	
Dibenzo(a,h)anthracene	0.162	mg/Kg	0.112	0.041	1	6/2/2015 16:26	BH	6/3/2015 19:06	BFM	
Fluoranthene	2.39	mg/Kg	0.112	0.017	1	6/2/2015 16:26	BH	6/3/2015 19:06	BFM	
Fluorene	0.134	mg/Kg	0.112	0.030	1	6/2/2015 16:26	BH	6/3/2015 19:06	BFM	
Indeno(1,2,3-cd)pyrene	0.606	mg/Kg	0.112	0.022	1	6/2/2015 16:26	BH	6/3/2015 19:06	BFM	
Naphthalene	U	mg/Kg	0.112	0.030	1	6/2/2015 16:26	BH	6/3/2015 19:06	BFM	
Phenanthrene	1.63	mg/Kg	0.112	0.020	1	6/2/2015 16:26	BH	6/3/2015 19:06	BFM	
Pyrene	1.22	mg/Kg	0.112	0.025	1	6/2/2015 16:26	BH	6/3/2015 19:06	BFM	
Nitrobenzene-d5 (S)	50	%	20-120		1	6/2/2015 16:26	BH	6/3/2015 19:06	BFM	
2-Fluorobiphenyl (S)	45	%	30-115		1	6/2/2015 16:26	BH	6/3/2015 19:06	BFM	
p-Terphenyl-d14 (S)	48	%	15-140		1	6/2/2015 16:26	BH	6/3/2015 19:06	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	89.1	%	0.1		1			6/4/2015 11:11	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	105	mg/Kg	21.9	11.0	2	6/2/2015 15:56	BH	6/3/2015 20:32	BFM	
o-Terphenyl (S)	65	%	50-150		2	6/2/2015 15:56	BH	6/3/2015 20:32	BFM	
n-Triacontane-d62 (S)	67	%	50-150		2	6/2/2015 15:56	BH	6/3/2015 20:32	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	28	mg/Kg	0.56	0.11	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	
Nickel	7.8	mg/Kg	1.7	0.34	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962017**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-03-08**	Date Collected:	5/27/2015 11:44		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	2.3	mg/Kg	0.56	0.092	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	
Antimony	U	mg/Kg	0.56	0.065	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962018**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-03-10**	Date Collected:	5/27/2015 11:46		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.112	0.071	1	6/9/2015 15:10	BH	6/11/2015 03:14	BFM	
2-Methylnaphthalene	0.043i	mg/Kg	0.112	0.043	1	6/9/2015 15:10	BH	6/11/2015 03:14	BFM	
Acenaphthene	0.237	mg/Kg	0.112	0.027	1	6/9/2015 15:10	BH	6/11/2015 03:14	BFM	
Acenaphthylene	U	mg/Kg	0.112	0.027	1	6/9/2015 15:10	BH	6/11/2015 03:14	BFM	
Anthracene	0.405	mg/Kg	0.112	0.016	1	6/9/2015 15:10	BH	6/11/2015 03:14	BFM	
Benzo(a)anthracene	0.840	mg/Kg	0.112	0.017	1	6/9/2015 15:10	BH	6/11/2015 03:14	BFM	
Benzo(a)pyrene	0.706	mg/Kg	0.112	0.024	1	6/9/2015 15:10	BH	6/11/2015 03:14	BFM	
Benzo(b)fluoranthene	1.12	mg/Kg	0.112	0.017	1	6/9/2015 15:10	BH	6/11/2015 03:14	BFM	
Benzo(g,h,i)perylene	0.432	mg/Kg	0.112	0.042	1	6/9/2015 15:10	BH	6/11/2015 03:14	BFM	
Benzo(k)fluoranthene	0.440	mg/Kg	0.112	0.012	1	6/9/2015 15:10	BH	6/11/2015 03:14	BFM	
Chrysene	0.860	mg/Kg	0.112	0.023	1	6/9/2015 15:10	BH	6/11/2015 03:14	BFM	
Dibenzo(a,h)anthracene	0.143	mg/Kg	0.112	0.041	1	6/9/2015 15:10	BH	6/11/2015 03:14	BFM	
Fluoranthene	2.36	mg/Kg	0.112	0.017	1	6/9/2015 15:10	BH	6/11/2015 03:14	BFM	
Fluorene	0.163	mg/Kg	0.112	0.030	1	6/9/2015 15:10	BH	6/11/2015 03:14	BFM	
Indeno(1,2,3-cd)pyrene	0.494	mg/Kg	0.112	0.022	1	6/9/2015 15:10	BH	6/11/2015 03:14	BFM	
Naphthalene	0.064i	mg/Kg	0.112	0.031	1	6/9/2015 15:10	BH	6/11/2015 03:14	BFM	
Phenanthrene	2.09	mg/Kg	0.112	0.020	1	6/9/2015 15:10	BH	6/11/2015 03:14	BFM	
Pyrene	1.69	mg/Kg	0.112	0.025	1	6/9/2015 15:10	BH	6/11/2015 03:14	BFM	
Nitrobenzene-d5 (S)	59	%	20-120		1	6/9/2015 15:10	BH	6/11/2015 03:14	BFM	
2-Fluorobiphenyl (S)	58	%	30-115		1	6/9/2015 15:10	BH	6/11/2015 03:14	BFM	
p-Terphenyl-d14 (S)	78	%	15-140		1	6/9/2015 15:10	BH	6/11/2015 03:14	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	88.2	%	0.1		1			6/9/2015 15:42	BH	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Arsenic	8.9	mg/Kg	0.57	0.093	2	6/9/2015 16:58	ZS	6/10/2015 11:28	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962019**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-04-0.5**	Date Collected:	5/27/2015 11:24		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.108	0.068	1	6/2/2015 16:26	BH	6/3/2015 19:32	BFM	
2-Methylnaphthalene	U	mg/Kg	0.108	0.041	1	6/2/2015 16:26	BH	6/3/2015 19:32	BFM	
Acenaphthene	U	mg/Kg	0.108	0.026	1	6/2/2015 16:26	BH	6/3/2015 19:32	BFM	
Acenaphthylene	U	mg/Kg	0.108	0.026	1	6/2/2015 16:26	BH	6/3/2015 19:32	BFM	
Anthracene	U	mg/Kg	0.108	0.016	1	6/2/2015 16:26	BH	6/3/2015 19:32	BFM	
Benzo(a)anthracene	0.040i	mg/Kg	0.108	0.017	1	6/2/2015 16:26	BH	6/3/2015 19:32	BFM	
Benzo(a)pyrene	0.051i	mg/Kg	0.108	0.023	1	6/2/2015 16:26	BH	6/3/2015 19:32	BFM	
Benzo(b)fluoranthene	0.078i	mg/Kg	0.108	0.016	1	6/2/2015 16:26	BH	6/3/2015 19:32	BFM	
Benzo(g,h,i)perylene	0.070i	mg/Kg	0.108	0.040	1	6/2/2015 16:26	BH	6/3/2015 19:32	BFM	
Benzo(k)fluoranthene	0.032i	mg/Kg	0.108	0.012	1	6/2/2015 16:26	BH	6/3/2015 19:32	BFM	
Chrysene	0.047i	mg/Kg	0.108	0.022	1	6/2/2015 16:26	BH	6/3/2015 19:32	BFM	
Dibenzo(a,h)anthracene	U	mg/Kg	0.108	0.040	1	6/2/2015 16:26	BH	6/3/2015 19:32	BFM	
Fluoranthene	0.069i	mg/Kg	0.108	0.017	1	6/2/2015 16:26	BH	6/3/2015 19:32	BFM	
Fluorene	U	mg/Kg	0.108	0.029	1	6/2/2015 16:26	BH	6/3/2015 19:32	BFM	
Indeno(1,2,3-cd)pyrene	0.067i	mg/Kg	0.108	0.021	1	6/2/2015 16:26	BH	6/3/2015 19:32	BFM	
Naphthalene	U	mg/Kg	0.108	0.029	1	6/2/2015 16:26	BH	6/3/2015 19:32	BFM	
Phenanthrene	U	mg/Kg	0.108	0.019	1	6/2/2015 16:26	BH	6/3/2015 19:32	BFM	
Pyrene	0.046i	mg/Kg	0.108	0.024	1	6/2/2015 16:26	BH	6/3/2015 19:32	BFM	
Nitrobenzene-d5 (S)	48	%	20-120		1	6/2/2015 16:26	BH	6/3/2015 19:32	BFM	
2-Fluorobiphenyl (S)	48	%	30-115		1	6/2/2015 16:26	BH	6/3/2015 19:32	BFM	
p-Terphenyl-d14 (S)	57	%	15-140		1	6/2/2015 16:26	BH	6/3/2015 19:32	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	92.4	%	0.1		1			6/4/2015 11:11	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	89.0	mg/Kg	21.6	10.8	2	6/2/2015 15:56	BH	6/4/2015 00:03	BFM	
o-Terphenyl (S)	54	%	50-150		2	6/2/2015 15:56	BH	6/4/2015 00:03	BFM	
n-Triacontane-d62 (S)	65	%	50-150		2	6/2/2015 15:56	BH	6/4/2015 00:03	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	50	mg/Kg	0.54	0.11	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	
Nickel	12	mg/Kg	1.7	0.33	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962019**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-04-0.5**	Date Collected:	5/27/2015 11:24		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	14	mg/Kg	0.54	0.089	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	
Antimony	0.30i	mg/Kg	0.54	0.063	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID: **1541962020** Date Received: 5/29/2015 17:20 Matrix: Soil/Solid

Sample ID: **CA-04-02** Date Collected: 5/27/2015 11:26

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.109	0.068	1	6/2/2015 16:26	BH	6/3/2015 19:57	BFM	
2-Methylnaphthalene	U	mg/Kg	0.109	0.041	1	6/2/2015 16:26	BH	6/3/2015 19:57	BFM	
Acenaphthene	U	mg/Kg	0.109	0.026	1	6/2/2015 16:26	BH	6/3/2015 19:57	BFM	
Acenaphthylene	U	mg/Kg	0.109	0.026	1	6/2/2015 16:26	BH	6/3/2015 19:57	BFM	
Anthracene	0.034i	mg/Kg	0.109	0.016	1	6/2/2015 16:26	BH	6/3/2015 19:57	BFM	
Benzo(a)anthracene	0.154	mg/Kg	0.109	0.017	1	6/2/2015 16:26	BH	6/3/2015 19:57	BFM	
Benzo(a)pyrene	0.167	mg/Kg	0.109	0.023	1	6/2/2015 16:26	BH	6/3/2015 19:57	BFM	
Benzo(b)fluoranthene	0.249	mg/Kg	0.109	0.016	1	6/2/2015 16:26	BH	6/3/2015 19:57	BFM	
Benzo(g,h,i)perylene	0.112	mg/Kg	0.109	0.040	1	6/2/2015 16:26	BH	6/3/2015 19:57	BFM	
Benzo(k)fluoranthene	0.096i	mg/Kg	0.109	0.012	1	6/2/2015 16:26	BH	6/3/2015 19:57	BFM	
Chrysene	0.167	mg/Kg	0.109	0.022	1	6/2/2015 16:26	BH	6/3/2015 19:57	BFM	
Dibenzo(a,h)anthracene	0.041i	mg/Kg	0.109	0.040	1	6/2/2015 16:26	BH	6/3/2015 19:57	BFM	
Fluoranthene	0.308	mg/Kg	0.109	0.017	1	6/2/2015 16:26	BH	6/3/2015 19:57	BFM	
Fluorene	U	mg/Kg	0.109	0.029	1	6/2/2015 16:26	BH	6/3/2015 19:57	BFM	
Indeno(1,2,3-cd)pyrene	0.132	mg/Kg	0.109	0.021	1	6/2/2015 16:26	BH	6/3/2015 19:57	BFM	
Naphthalene	U	mg/Kg	0.109	0.030	1	6/2/2015 16:26	BH	6/3/2015 19:57	BFM	
Phenanthrene	0.077i	mg/Kg	0.109	0.019	1	6/2/2015 16:26	BH	6/3/2015 19:57	BFM	
Pyrene	0.229	mg/Kg	0.109	0.024	1	6/2/2015 16:26	BH	6/3/2015 19:57	BFM	
Nitrobenzene-d5 (S)	58	%	20-120		1	6/2/2015 16:26	BH	6/3/2015 19:57	BFM	
2-Fluorobiphenyl (S)	58	%	30-115		1	6/2/2015 16:26	BH	6/3/2015 19:57	BFM	
p-Terphenyl-d14 (S)	73	%	15-140		1	6/2/2015 16:26	BH	6/3/2015 19:57	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	91.8	%	0.1		1			6/4/2015 11:11	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	57.1	mg/Kg	21.7	10.9	2	6/2/2015 15:56	BH	6/3/2015 17:54	BFM	
o-Terphenyl (S)	60	%	50-150		2	6/2/2015 15:56	BH	6/3/2015 17:54	BFM	
n-Triacontane-d62 (S)	72	%	50-150		2	6/2/2015 15:56	BH	6/3/2015 17:54	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	90	mg/Kg	0.54	0.11	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	
Nickel	19	mg/Kg	1.7	0.33	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962020**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-04-02**	Date Collected:	5/27/2015 11:26		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	7.9	mg/Kg	0.54	0.089	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	
Antimony	0.62	mg/Kg	0.54	0.063	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID: **1541962021** Date Received: 5/29/2015 17:20 Matrix: Soil/Solid

Sample ID: **CA-04-04** Date Collected: 5/27/2015 11:28

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.108	0.068	1	6/2/2015 16:26	BH	6/3/2015 20:23	BFM	
2-Methylnaphthalene	U	mg/Kg	0.108	0.041	1	6/2/2015 16:26	BH	6/3/2015 20:23	BFM	
Acenaphthene	0.116	mg/Kg	0.108	0.026	1	6/2/2015 16:26	BH	6/3/2015 20:23	BFM	
Acenaphthylene	U	mg/Kg	0.108	0.026	1	6/2/2015 16:26	BH	6/3/2015 20:23	BFM	
Anthracene	0.425	mg/Kg	0.108	0.016	1	6/2/2015 16:26	BH	6/3/2015 20:23	BFM	
Benzo(a)anthracene	1.18	mg/Kg	0.108	0.017	1	6/2/2015 16:26	BH	6/3/2015 20:23	BFM	
Benzo(a)pyrene	0.950	mg/Kg	0.108	0.023	1	6/2/2015 16:26	BH	6/3/2015 20:23	BFM	
Benzo(b)fluoranthene	1.63	mg/Kg	0.108	0.016	1	6/2/2015 16:26	BH	6/3/2015 20:23	BFM	
Benzo(g,h,i)perylene	0.647	mg/Kg	0.108	0.040	1	6/2/2015 16:26	BH	6/3/2015 20:23	BFM	
Benzo(k)fluoranthene	0.534	mg/Kg	0.108	0.012	1	6/2/2015 16:26	BH	6/3/2015 20:23	BFM	
Chrysene	1.23	mg/Kg	0.108	0.022	1	6/2/2015 16:26	BH	6/3/2015 20:23	BFM	
Dibenzo(a,h)anthracene	0.219	mg/Kg	0.108	0.040	1	6/2/2015 16:26	BH	6/3/2015 20:23	BFM	
Fluoranthene	2.70	mg/Kg	0.108	0.017	1	6/2/2015 16:26	BH	6/3/2015 20:23	BFM	
Fluorene	0.093i	mg/Kg	0.108	0.029	1	6/2/2015 16:26	BH	6/3/2015 20:23	BFM	
Indeno(1,2,3-cd)pyrene	0.684	mg/Kg	0.108	0.021	1	6/2/2015 16:26	BH	6/3/2015 20:23	BFM	
Naphthalene	U	mg/Kg	0.108	0.029	1	6/2/2015 16:26	BH	6/3/2015 20:23	BFM	
Phenanthrene	1.50	mg/Kg	0.108	0.019	1	6/2/2015 16:26	BH	6/3/2015 20:23	BFM	
Pyrene	1.73	mg/Kg	0.108	0.024	1	6/2/2015 16:26	BH	6/3/2015 20:23	BFM	
Nitrobenzene-d5 (S)	36	%	20-120		1	6/2/2015 16:26	BH	6/3/2015 20:23	BFM	
2-Fluorobiphenyl (S)	53	%	30-115		1	6/2/2015 16:26	BH	6/3/2015 20:23	BFM	
p-Terphenyl-d14 (S)	68	%	15-140		1	6/2/2015 16:26	BH	6/3/2015 20:23	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	91.0	%	0.1		1			6/4/2015 11:11	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	154	mg/Kg	43.9	21.9	4	6/2/2015 15:56	BH	6/4/2015 21:03	BFM	
o-Terphenyl (S)	58	%	50-150		4	6/2/2015 15:56	BH	6/4/2015 21:03	BFM	
n-Triacontane-d62 (S)	75	%	50-150		4	6/2/2015 15:56	BH	6/4/2015 21:03	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	64	mg/Kg	0.55	0.11	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	
Nickel	30	mg/Kg	1.7	0.34	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962021**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-04-04**	Date Collected:	5/27/2015 11:28		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	3.9	mg/Kg	0.55	0.090	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	
Antimony	0.33i	mg/Kg	0.55	0.064	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID: **1541962022** Date Received: 5/29/2015 17:20 Matrix: Soil/Solid

Sample ID: **CA-04-06** Date Collected: 5/27/2015 11:30

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.104	0.066	1	6/2/2015 16:26	BH	6/3/2015 20:49	BFM	
2-Methylnaphthalene	U	mg/Kg	0.104	0.040	1	6/2/2015 16:26	BH	6/3/2015 20:49	BFM	
Acenaphthene	0.063i	mg/Kg	0.104	0.025	1	6/2/2015 16:26	BH	6/3/2015 20:49	BFM	
Acenaphthylene	U	mg/Kg	0.104	0.025	1	6/2/2015 16:26	BH	6/3/2015 20:49	BFM	
Anthracene	0.293	mg/Kg	0.104	0.015	1	6/2/2015 16:26	BH	6/3/2015 20:49	BFM	
Benzo(a)anthracene	0.971	mg/Kg	0.104	0.016	1	6/2/2015 16:26	BH	6/3/2015 20:49	BFM	
Benzo(a)pyrene	0.771	mg/Kg	0.104	0.022	1	6/2/2015 16:26	BH	6/3/2015 20:49	BFM	
Benzo(b)fluoranthene	1.25	mg/Kg	0.104	0.016	1	6/2/2015 16:26	BH	6/3/2015 20:49	BFM	
Benzo(g,h,i)perylene	0.495	mg/Kg	0.104	0.039	1	6/2/2015 16:26	BH	6/3/2015 20:49	BFM	
Benzo(k)fluoranthene	0.404	mg/Kg	0.104	0.011	1	6/2/2015 16:26	BH	6/3/2015 20:49	BFM	
Chrysene	0.950	mg/Kg	0.104	0.021	1	6/2/2015 16:26	BH	6/3/2015 20:49	BFM	
Dibenzo(a,h)anthracene	0.168	mg/Kg	0.104	0.038	1	6/2/2015 16:26	BH	6/3/2015 20:49	BFM	
Fluoranthene	2.06	mg/Kg	0.104	0.016	1	6/2/2015 16:26	BH	6/3/2015 20:49	BFM	
Fluorene	0.057i	mg/Kg	0.104	0.028	1	6/2/2015 16:26	BH	6/3/2015 20:49	BFM	
Indeno(1,2,3-cd)pyrene	0.563	mg/Kg	0.104	0.020	1	6/2/2015 16:26	BH	6/3/2015 20:49	BFM	
Naphthalene	U	mg/Kg	0.104	0.028	1	6/2/2015 16:26	BH	6/3/2015 20:49	BFM	
Phenanthrene	1.08	mg/Kg	0.104	0.019	1	6/2/2015 16:26	BH	6/3/2015 20:49	BFM	
Pyrene	1.23	mg/Kg	0.104	0.023	1	6/2/2015 16:26	BH	6/3/2015 20:49	BFM	
Nitrobenzene-d5 (S)	39	%	20-120		1	6/2/2015 16:26	BH	6/3/2015 20:49	BFM	
2-Fluorobiphenyl (S)	44	%	30-115		1	6/2/2015 16:26	BH	6/3/2015 20:49	BFM	
p-Terphenyl-d14 (S)	61	%	15-140		1	6/2/2015 16:26	BH	6/3/2015 20:49	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	91.9	%	0.1		1			6/4/2015 11:11	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	134	mg/Kg	41.6	20.8	4	6/2/2015 15:56	BH	6/4/2015 21:24	BFM	
o-Terphenyl (S)	47	%	50-150		4	6/2/2015 15:56	BH	6/4/2015 21:24	BFM	J2d
n-Triacontane-d62 (S)	66	%	50-150		4	6/2/2015 15:56	BH	6/4/2015 21:24	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	89	mg/Kg	0.54	0.11	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	
Nickel	21	mg/Kg	1.7	0.33	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962022**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-04-06**	Date Collected:	5/27/2015 11:30		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	4.7	mg/Kg	0.54	0.089	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	
Antimony	0.56	mg/Kg	0.54	0.063	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962023**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-04-08**	Date Collected:	5/27/2015 11:32		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.111	0.070	1	6/2/2015 16:26	BH	6/3/2015 21:14	BFM	
2-Methylnaphthalene	U	mg/Kg	0.111	0.042	1	6/2/2015 16:26	BH	6/3/2015 21:14	BFM	
Acenaphthene	0.087i	mg/Kg	0.111	0.026	1	6/2/2015 16:26	BH	6/3/2015 21:14	BFM	
Acenaphthylene	U	mg/Kg	0.111	0.027	1	6/2/2015 16:26	BH	6/3/2015 21:14	BFM	
Anthracene	0.306	mg/Kg	0.111	0.016	1	6/2/2015 16:26	BH	6/3/2015 21:14	BFM	
Benzo(a)anthracene	0.814	mg/Kg	0.111	0.017	1	6/2/2015 16:26	BH	6/3/2015 21:14	BFM	
Benzo(a)pyrene	0.678	mg/Kg	0.111	0.024	1	6/2/2015 16:26	BH	6/3/2015 21:14	BFM	
Benzo(b)fluoranthene	1.17	mg/Kg	0.111	0.017	1	6/2/2015 16:26	BH	6/3/2015 21:14	BFM	
Benzo(g,h,i)perylene	0.479	mg/Kg	0.111	0.041	1	6/2/2015 16:26	BH	6/3/2015 21:14	BFM	
Benzo(k)fluoranthene	0.393	mg/Kg	0.111	0.012	1	6/2/2015 16:26	BH	6/3/2015 21:14	BFM	
Chrysene	0.858	mg/Kg	0.111	0.023	1	6/2/2015 16:26	BH	6/3/2015 21:14	BFM	
Dibenzo(a,h)anthracene	0.158	mg/Kg	0.111	0.041	1	6/2/2015 16:26	BH	6/3/2015 21:14	BFM	
Fluoranthene	2.09	mg/Kg	0.111	0.017	1	6/2/2015 16:26	BH	6/3/2015 21:14	BFM	
Fluorene	0.064i	mg/Kg	0.111	0.030	1	6/2/2015 16:26	BH	6/3/2015 21:14	BFM	
Indeno(1,2,3-cd)pyrene	0.511	mg/Kg	0.111	0.021	1	6/2/2015 16:26	BH	6/3/2015 21:14	BFM	
Naphthalene	U	mg/Kg	0.111	0.030	1	6/2/2015 16:26	BH	6/3/2015 21:14	BFM	
Phenanthrene	1.06	mg/Kg	0.111	0.020	1	6/2/2015 16:26	BH	6/3/2015 21:14	BFM	
Pyrene	1.13	mg/Kg	0.111	0.025	1	6/2/2015 16:26	BH	6/3/2015 21:14	BFM	
Nitrobenzene-d5 (S)	46	%	20-120		1	6/2/2015 16:26	BH	6/3/2015 21:14	BFM	
2-Fluorobiphenyl (S)	47	%	30-115		1	6/2/2015 16:26	BH	6/3/2015 21:14	BFM	
p-Terphenyl-d14 (S)	59	%	15-140		1	6/2/2015 16:26	BH	6/3/2015 21:14	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	89.8	%	0.1		1			6/4/2015 11:11	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	164	mg/Kg	44.4	22.2	4	6/2/2015 15:56	BH	6/4/2015 21:45	BFM	
o-Terphenyl (S)	73	%	50-150		4	6/2/2015 15:56	BH	6/4/2015 21:45	BFM	
n-Triacontane-d62 (S)	98	%	50-150		4	6/2/2015 15:56	BH	6/4/2015 21:45	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	52	mg/Kg	0.56	0.11	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	
Nickel	88	mg/Kg	1.7	0.34	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962023**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-04-08**	Date Collected:	5/27/2015 11:32		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	9.8	mg/Kg	0.56	0.091	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	
Antimony	0.82	mg/Kg	0.56	0.065	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID: **1541962024** Date Received: 5/29/2015 17:20 Matrix: Soil/Solid

Sample ID: **CA-05-0.5** Date Collected: 5/27/2015 13:56

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.107	0.068	1	6/2/2015 16:39	BH	6/3/2015 22:06	BFM	
2-Methylnaphthalene	U	mg/Kg	0.107	0.041	1	6/2/2015 16:39	BH	6/3/2015 22:06	BFM	
Acenaphthene	U	mg/Kg	0.107	0.025	1	6/2/2015 16:39	BH	6/3/2015 22:06	BFM	
Acenaphthylene	U	mg/Kg	0.107	0.026	1	6/2/2015 16:39	BH	6/3/2015 22:06	BFM	
Anthracene	U	mg/Kg	0.107	0.016	1	6/2/2015 16:39	BH	6/3/2015 22:06	BFM	
Benzo(a)anthracene	0.229	mg/Kg	0.107	0.017	1	6/2/2015 16:39	BH	6/3/2015 22:06	BFM	
Benzo(a)pyrene	0.268	mg/Kg	0.107	0.023	1	6/2/2015 16:39	BH	6/3/2015 22:06	BFM	
Benzo(b)fluoranthene	0.516	mg/Kg	0.107	0.016	1	6/2/2015 16:39	BH	6/3/2015 22:06	BFM	
Benzo(g,h,i)perylene	0.235	mg/Kg	0.107	0.040	1	6/2/2015 16:39	BH	6/3/2015 22:06	BFM	
Benzo(k)fluoranthene	0.182	mg/Kg	0.107	0.012	1	6/2/2015 16:39	BH	6/3/2015 22:06	BFM	
Chrysene	0.318	mg/Kg	0.107	0.022	1	6/2/2015 16:39	BH	6/3/2015 22:06	BFM	
Dibenzo(a,h)anthracene	0.066i	mg/Kg	0.107	0.039	1	6/2/2015 16:39	BH	6/3/2015 22:06	BFM	
Fluoranthene	0.615	mg/Kg	0.107	0.017	1	6/2/2015 16:39	BH	6/3/2015 22:06	BFM	
Fluorene	U	mg/Kg	0.107	0.029	1	6/2/2015 16:39	BH	6/3/2015 22:06	BFM	
Indeno(1,2,3-cd)pyrene	0.252	mg/Kg	0.107	0.021	1	6/2/2015 16:39	BH	6/3/2015 22:06	BFM	
Naphthalene	U	mg/Kg	0.107	0.029	1	6/2/2015 16:39	BH	6/3/2015 22:06	BFM	
Phenanthrene	0.147	mg/Kg	0.107	0.019	1	6/2/2015 16:39	BH	6/3/2015 22:06	BFM	
Pyrene	0.428	mg/Kg	0.107	0.024	1	6/2/2015 16:39	BH	6/3/2015 22:06	BFM	
Nitrobenzene-d5 (S)	66	%	20-120		1	6/2/2015 16:39	BH	6/3/2015 22:06	BFM	
2-Fluorobiphenyl (S)	64	%	30-115		1	6/2/2015 16:39	BH	6/3/2015 22:06	BFM	
p-Terphenyl-d14 (S)	82	%	15-140		1	6/2/2015 16:39	BH	6/3/2015 22:06	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	93.3	%	0.1		1			6/4/2015 11:15	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	28.3	mg/Kg	21.4	10.7	2	6/2/2015 16:05	BH	6/4/2015 18:13	BFM	
o-Terphenyl (S)	70	%	50-150		2	6/2/2015 16:05	BH	6/4/2015 18:13	BFM	
n-Triacontane-d62 (S)	82	%	50-150		2	6/2/2015 16:05	BH	6/4/2015 18:13	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	15	mg/Kg	0.54	0.11	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	
Nickel	4.8	mg/Kg	1.6	0.33	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962024**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-05-0.5**	Date Collected:	5/27/2015 13:56		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	2.6	mg/Kg	0.54	0.088	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	
Antimony	0.43i	mg/Kg	0.54	0.062	2	6/1/2015 17:15	ZS	6/2/2015 14:26	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID: **1541962025** Date Received: 5/29/2015 17:20 Matrix: Soil/Solid

Sample ID: **CA-05-02** Date Collected: 5/27/2015 13:58

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.112	0.070	1	6/2/2015 16:39	BH	6/4/2015 06:30	BFM	
2-Methylnaphthalene	U	mg/Kg	0.112	0.043	1	6/2/2015 16:39	BH	6/4/2015 06:30	BFM	
Acenaphthene	0.180	mg/Kg	0.112	0.026	1	6/2/2015 16:39	BH	6/4/2015 06:30	BFM	
Acenaphthylene	U	mg/Kg	0.112	0.027	1	6/2/2015 16:39	BH	6/4/2015 06:30	BFM	
Anthracene	0.734	mg/Kg	0.112	0.016	1	6/2/2015 16:39	BH	6/4/2015 06:30	BFM	
Benzo(a)anthracene	2.05	mg/Kg	0.112	0.017	1	6/2/2015 16:39	BH	6/4/2015 06:30	BFM	
Benzo(a)pyrene	1.69	mg/Kg	0.112	0.024	1	6/2/2015 16:39	BH	6/4/2015 06:30	BFM	
Benzo(b)fluoranthene	2.91	mg/Kg	0.112	0.017	1	6/2/2015 16:39	BH	6/4/2015 06:30	BFM	
Benzo(g,h,i)perylene	1.29	mg/Kg	0.112	0.041	1	6/2/2015 16:39	BH	6/4/2015 06:30	BFM	
Benzo(k)fluoranthene	0.968	mg/Kg	0.112	0.012	1	6/2/2015 16:39	BH	6/4/2015 06:30	BFM	
Chrysene	2.24	mg/Kg	0.112	0.023	1	6/2/2015 16:39	BH	6/4/2015 06:30	BFM	
Dibenzo(a,h)anthracene	0.409	mg/Kg	0.112	0.041	1	6/2/2015 16:39	BH	6/4/2015 06:30	BFM	
Fluoranthene	5.68	mg/Kg	0.112	0.017	1	6/2/2015 16:39	BH	6/4/2015 06:30	BFM	L
Fluorene	0.128	mg/Kg	0.112	0.030	1	6/2/2015 16:39	BH	6/4/2015 06:30	BFM	
Indeno(1,2,3-cd)pyrene	1.41	mg/Kg	0.112	0.021	1	6/2/2015 16:39	BH	6/4/2015 06:30	BFM	
Naphthalene	U	mg/Kg	0.112	0.030	1	6/2/2015 16:39	BH	6/4/2015 06:30	BFM	
Phenanthrene	2.32	mg/Kg	0.112	0.020	1	6/2/2015 16:39	BH	6/4/2015 06:30	BFM	
Pyrene	2.67	mg/Kg	0.112	0.025	1	6/2/2015 16:39	BH	6/4/2015 06:30	BFM	J4h
Nitrobenzene-d5 (S)	63	%	20-120		1	6/2/2015 16:39	BH	6/4/2015 06:30	BFM	
2-Fluorobiphenyl (S)	59	%	30-115		1	6/2/2015 16:39	BH	6/4/2015 06:30	BFM	
p-Terphenyl-d14 (S)	64	%	15-140		1	6/2/2015 16:39	BH	6/4/2015 06:30	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	88.6	%	0.1		1			6/4/2015 11:15	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	378	mg/Kg	44.6	22.3	4	6/2/2015 16:05	BH	6/4/2015 22:05	BFM	J4h
o-Terphenyl (S)	81	%	50-150		4	6/2/2015 16:05	BH	6/4/2015 22:05	BFM	
n-Triacontane-d62 (S)	112	%	50-150		4	6/2/2015 16:05	BH	6/4/2015 22:05	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	32	mg/Kg	0.56	0.11	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	
Nickel	11	mg/Kg	1.7	0.35	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962025**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-05-02**	Date Collected:	5/27/2015 13:58		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	2.8	mg/Kg	0.56	0.093	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	
Antimony	0.66	mg/Kg	0.56	0.065	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID: **1541962026** Date Received: 5/29/2015 17:20 Matrix: Soil/Solid

Sample ID: **CA-05-04** Date Collected: 5/27/2015 14:00

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.112	0.071	1	6/2/2015 16:39	BH	6/4/2015 02:39	BFM	
2-Methylnaphthalene	U	mg/Kg	0.112	0.043	1	6/2/2015 16:39	BH	6/4/2015 02:39	BFM	
Acenaphthene	0.220	mg/Kg	0.112	0.027	1	6/2/2015 16:39	BH	6/4/2015 02:39	BFM	
Acenaphthylene	U	mg/Kg	0.112	0.027	1	6/2/2015 16:39	BH	6/4/2015 02:39	BFM	
Anthracene	0.546	mg/Kg	0.112	0.016	1	6/2/2015 16:39	BH	6/4/2015 02:39	BFM	
Benzo(a)anthracene	1.26	mg/Kg	0.112	0.017	1	6/2/2015 16:39	BH	6/4/2015 02:39	BFM	
Benzo(a)pyrene	1.11	mg/Kg	0.112	0.024	1	6/2/2015 16:39	BH	6/4/2015 02:39	BFM	
Benzo(b)fluoranthene	2.00	mg/Kg	0.112	0.017	1	6/2/2015 16:39	BH	6/4/2015 02:39	BFM	
Benzo(g,h,i)perylene	0.871	mg/Kg	0.112	0.042	1	6/2/2015 16:39	BH	6/4/2015 02:39	BFM	
Benzo(k)fluoranthene	0.670	mg/Kg	0.112	0.012	1	6/2/2015 16:39	BH	6/4/2015 02:39	BFM	
Chrysene	1.47	mg/Kg	0.112	0.023	1	6/2/2015 16:39	BH	6/4/2015 02:39	BFM	
Dibenzo(a,h)anthracene	0.273	mg/Kg	0.112	0.041	1	6/2/2015 16:39	BH	6/4/2015 02:39	BFM	
Fluoranthene	3.98	mg/Kg	0.112	0.017	1	6/2/2015 16:39	BH	6/4/2015 02:39	BFM	
Fluorene	0.129	mg/Kg	0.112	0.030	1	6/2/2015 16:39	BH	6/4/2015 02:39	BFM	
Indeno(1,2,3-cd)pyrene	0.939	mg/Kg	0.112	0.022	1	6/2/2015 16:39	BH	6/4/2015 02:39	BFM	
Naphthalene	U	mg/Kg	0.112	0.031	1	6/2/2015 16:39	BH	6/4/2015 02:39	BFM	
Phenanthrene	2.01	mg/Kg	0.112	0.020	1	6/2/2015 16:39	BH	6/4/2015 02:39	BFM	
Pyrene	2.27	mg/Kg	0.112	0.025	1	6/2/2015 16:39	BH	6/4/2015 02:39	BFM	
Nitrobenzene-d5 (S)	69	%	20-120		1	6/2/2015 16:39	BH	6/4/2015 02:39	BFM	
2-Fluorobiphenyl (S)	68	%	30-115		1	6/2/2015 16:39	BH	6/4/2015 02:39	BFM	
p-Terphenyl-d14 (S)	74	%	15-140		1	6/2/2015 16:39	BH	6/4/2015 02:39	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	89.1	%	0.1		1			6/4/2015 11:15	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	630	mg/Kg	22.5	11.2	2	6/2/2015 16:05	BH	6/4/2015 05:38	BFM	
o-Terphenyl (S)	56	%	50-150		2	6/2/2015 16:05	BH	6/4/2015 05:38	BFM	
n-Triacontane-d62 (S)	81	%	50-150		2	6/2/2015 16:05	BH	6/4/2015 05:38	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	54	mg/Kg	0.56	0.11	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	
Nickel	18	mg/Kg	1.7	0.34	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962026**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-05-04**	Date Collected:	5/27/2015 14:00		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	4.9	mg/Kg	0.56	0.092	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	
Antimony	0.48i	mg/Kg	0.56	0.065	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID: **1541962027** Date Received: 5/29/2015 17:20 Matrix: Soil/Solid

Sample ID: **CA-05-06** Date Collected: 5/27/2015 14:02

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.106	0.067	1	6/2/2015 16:39	BH	6/4/2015 03:04	BFM	
2-Methylnaphthalene	U	mg/Kg	0.106	0.040	1	6/2/2015 16:39	BH	6/4/2015 03:04	BFM	
Acenaphthene	U	mg/Kg	0.106	0.025	1	6/2/2015 16:39	BH	6/4/2015 03:04	BFM	
Acenaphthylene	U	mg/Kg	0.106	0.025	1	6/2/2015 16:39	BH	6/4/2015 03:04	BFM	
Anthracene	U	mg/Kg	0.106	0.015	1	6/2/2015 16:39	BH	6/4/2015 03:04	BFM	
Benzo(a)anthracene	0.111	mg/Kg	0.106	0.016	1	6/2/2015 16:39	BH	6/4/2015 03:04	BFM	
Benzo(a)pyrene	0.105	mg/Kg	0.106	0.022	1	6/2/2015 16:39	BH	6/4/2015 03:04	BFM	
Benzo(b)fluoranthene	0.182	mg/Kg	0.106	0.016	1	6/2/2015 16:39	BH	6/4/2015 03:04	BFM	
Benzo(g,h,i)perylene	0.111	mg/Kg	0.106	0.039	1	6/2/2015 16:39	BH	6/4/2015 03:04	BFM	
Benzo(k)fluoranthene	0.054i	mg/Kg	0.106	0.012	1	6/2/2015 16:39	BH	6/4/2015 03:04	BFM	
Chrysene	0.101i	mg/Kg	0.106	0.022	1	6/2/2015 16:39	BH	6/4/2015 03:04	BFM	
Dibenzo(a,h)anthracene	U	mg/Kg	0.106	0.039	1	6/2/2015 16:39	BH	6/4/2015 03:04	BFM	
Fluoranthene	0.211	mg/Kg	0.106	0.016	1	6/2/2015 16:39	BH	6/4/2015 03:04	BFM	
Fluorene	U	mg/Kg	0.106	0.028	1	6/2/2015 16:39	BH	6/4/2015 03:04	BFM	
Indeno(1,2,3-cd)pyrene	0.113	mg/Kg	0.106	0.020	1	6/2/2015 16:39	BH	6/4/2015 03:04	BFM	
Naphthalene	U	mg/Kg	0.106	0.029	1	6/2/2015 16:39	BH	6/4/2015 03:04	BFM	
Phenanthrene	0.050i	mg/Kg	0.106	0.019	1	6/2/2015 16:39	BH	6/4/2015 03:04	BFM	
Pyrene	0.127	mg/Kg	0.106	0.023	1	6/2/2015 16:39	BH	6/4/2015 03:04	BFM	
Nitrobenzene-d5 (S)	66	%	20-120		1	6/2/2015 16:39	BH	6/4/2015 03:04	BFM	
2-Fluorobiphenyl (S)	64	%	30-115		1	6/2/2015 16:39	BH	6/4/2015 03:04	BFM	
p-Terphenyl-d14 (S)	75	%	15-140		1	6/2/2015 16:39	BH	6/4/2015 03:04	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	93.8	%	0.1		1			6/4/2015 11:15	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	110	mg/Kg	42.3	21.1	4	6/2/2015 16:05	BH	6/4/2015 23:09	BFM	
o-Terphenyl (S)	70	%	50-150		4	6/2/2015 16:05	BH	6/4/2015 23:09	BFM	
n-Triacontane-d62 (S)	93	%	50-150		4	6/2/2015 16:05	BH	6/4/2015 23:09	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	12	mg/Kg	0.53	0.10	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	
Nickel	2.8	mg/Kg	1.6	0.33	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962027**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-05-06**	Date Collected:	5/27/2015 14:02		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	0.84	mg/Kg	0.53	0.087	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	
Antimony	U	mg/Kg	0.53	0.062	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID: **1541962028** Date Received: 5/29/2015 17:20 Matrix: Soil/Solid

Sample ID: **CA-05-08** Date Collected: 5/27/2015 14:04

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.110	0.069	1	6/2/2015 16:39	BH	6/4/2015 03:30	BFM	
2-Methylnaphthalene	U	mg/Kg	0.110	0.042	1	6/2/2015 16:39	BH	6/4/2015 03:30	BFM	
Acenaphthene	U	mg/Kg	0.110	0.026	1	6/2/2015 16:39	BH	6/4/2015 03:30	BFM	
Acenaphthylene	U	mg/Kg	0.110	0.026	1	6/2/2015 16:39	BH	6/4/2015 03:30	BFM	
Anthracene	U	mg/Kg	0.110	0.016	1	6/2/2015 16:39	BH	6/4/2015 03:30	BFM	
Benzo(a)anthracene	0.062i	mg/Kg	0.110	0.017	1	6/2/2015 16:39	BH	6/4/2015 03:30	BFM	
Benzo(a)pyrene	0.091i	mg/Kg	0.110	0.023	1	6/2/2015 16:39	BH	6/4/2015 03:30	BFM	
Benzo(b)fluoranthene	0.151	mg/Kg	0.110	0.016	1	6/2/2015 16:39	BH	6/4/2015 03:30	BFM	
Benzo(g,h,i)perylene	0.093i	mg/Kg	0.110	0.041	1	6/2/2015 16:39	BH	6/4/2015 03:30	BFM	
Benzo(k)fluoranthene	0.050i	mg/Kg	0.110	0.012	1	6/2/2015 16:39	BH	6/4/2015 03:30	BFM	
Chrysene	0.095i	mg/Kg	0.110	0.022	1	6/2/2015 16:39	BH	6/4/2015 03:30	BFM	
Dibenzo(a,h)anthracene	U	mg/Kg	0.110	0.040	1	6/2/2015 16:39	BH	6/4/2015 03:30	BFM	
Fluoranthene	0.163	mg/Kg	0.110	0.017	1	6/2/2015 16:39	BH	6/4/2015 03:30	BFM	
Fluorene	U	mg/Kg	0.110	0.029	1	6/2/2015 16:39	BH	6/4/2015 03:30	BFM	
Indeno(1,2,3-cd)pyrene	0.102i	mg/Kg	0.110	0.021	1	6/2/2015 16:39	BH	6/4/2015 03:30	BFM	
Naphthalene	U	mg/Kg	0.110	0.030	1	6/2/2015 16:39	BH	6/4/2015 03:30	BFM	
Phenanthrene	U	mg/Kg	0.110	0.020	1	6/2/2015 16:39	BH	6/4/2015 03:30	BFM	
Pyrene	0.089i	mg/Kg	0.110	0.024	1	6/2/2015 16:39	BH	6/4/2015 03:30	BFM	
Nitrobenzene-d5 (S)	51	%	20-120		1	6/2/2015 16:39	BH	6/4/2015 03:30	BFM	
2-Fluorobiphenyl (S)	50	%	30-115		1	6/2/2015 16:39	BH	6/4/2015 03:30	BFM	
p-Terphenyl-d14 (S)	58	%	15-140		1	6/2/2015 16:39	BH	6/4/2015 03:30	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	91.7	%	0.1		1			6/8/2015 14:35	BH	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	100.0	mg/Kg	43.9	22.0	4	6/2/2015 16:05	BH	6/4/2015 23:30	BFM	
o-Terphenyl (S)	61	%	50-150		4	6/2/2015 16:05	BH	6/4/2015 23:30	BFM	
n-Triacontane-d62 (S)	80	%	50-150		4	6/2/2015 16:05	BH	6/4/2015 23:30	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	32	mg/Kg	0.55	0.11	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	
Nickel	12	mg/Kg	1.7	0.33	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962028**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-05-08**	Date Collected:	5/27/2015 14:04		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	7.0	mg/Kg	0.55	0.089	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	
Antimony	0.85	mg/Kg	0.55	0.063	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962029**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-05-10**	Date Collected:	5/27/2015 14:06		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	90.9	%	0.1		1			6/4/2015 11:15	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B Analytical Method: EPA 6020					
Arsenic	4.4	mg/Kg	0.55	0.090	2	6/9/2015 16:58	ZS	6/10/2015 11:28	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID: **1541962030** Date Received: 5/29/2015 17:20 Matrix: Soil/Solid

Sample ID: **CA-06-0.5** Date Collected: 5/27/2015 13:34

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.111	0.070	1	6/2/2015 16:39	BH	6/4/2015 03:56	BFM	
2-Methylnaphthalene	U	mg/Kg	0.111	0.042	1	6/2/2015 16:39	BH	6/4/2015 03:56	BFM	
Acenaphthene	U	mg/Kg	0.111	0.026	1	6/2/2015 16:39	BH	6/4/2015 03:56	BFM	
Acenaphthylene	U	mg/Kg	0.111	0.027	1	6/2/2015 16:39	BH	6/4/2015 03:56	BFM	
Anthracene	0.156	mg/Kg	0.111	0.016	1	6/2/2015 16:39	BH	6/4/2015 03:56	BFM	
Benzo(a)anthracene	0.862	mg/Kg	0.111	0.017	1	6/2/2015 16:39	BH	6/4/2015 03:56	BFM	
Benzo(a)pyrene	0.665	mg/Kg	0.111	0.023	1	6/2/2015 16:39	BH	6/4/2015 03:56	BFM	
Benzo(b)fluoranthene	1.05	mg/Kg	0.111	0.017	1	6/2/2015 16:39	BH	6/4/2015 03:56	BFM	
Benzo(g,h,i)perylene	0.379	mg/Kg	0.111	0.041	1	6/2/2015 16:39	BH	6/4/2015 03:56	BFM	
Benzo(k)fluoranthene	0.414	mg/Kg	0.111	0.012	1	6/2/2015 16:39	BH	6/4/2015 03:56	BFM	
Chrysene	0.789	mg/Kg	0.111	0.023	1	6/2/2015 16:39	BH	6/4/2015 03:56	BFM	
Dibenzo(a,h)anthracene	0.135	mg/Kg	0.111	0.041	1	6/2/2015 16:39	BH	6/4/2015 03:56	BFM	
Fluoranthene	1.85	mg/Kg	0.111	0.017	1	6/2/2015 16:39	BH	6/4/2015 03:56	BFM	
Fluorene	U	mg/Kg	0.111	0.029	1	6/2/2015 16:39	BH	6/4/2015 03:56	BFM	
Indeno(1,2,3-cd)pyrene	0.449	mg/Kg	0.111	0.021	1	6/2/2015 16:39	BH	6/4/2015 03:56	BFM	
Naphthalene	U	mg/Kg	0.111	0.030	1	6/2/2015 16:39	BH	6/4/2015 03:56	BFM	
Phenanthrene	0.571	mg/Kg	0.111	0.020	1	6/2/2015 16:39	BH	6/4/2015 03:56	BFM	
Pyrene	1.01	mg/Kg	0.111	0.024	1	6/2/2015 16:39	BH	6/4/2015 03:56	BFM	
Nitrobenzene-d5 (S)	67	%	20-120		1	6/2/2015 16:39	BH	6/4/2015 03:56	BFM	
2-Fluorobiphenyl (S)	66	%	30-115		1	6/2/2015 16:39	BH	6/4/2015 03:56	BFM	
p-Terphenyl-d14 (S)	76	%	15-140		1	6/2/2015 16:39	BH	6/4/2015 03:56	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	90.6	%	0.1		1			6/4/2015 11:15	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	108	mg/Kg	44.3	22.2	4	6/2/2015 16:05	BH	6/4/2015 23:50	BFM	
o-Terphenyl (S)	58	%	50-150		4	6/2/2015 16:05	BH	6/4/2015 23:50	BFM	
n-Triacontane-d62 (S)	88	%	50-150		4	6/2/2015 16:05	BH	6/4/2015 23:50	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	36	mg/Kg	0.55	0.11	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	
Nickel	14	mg/Kg	1.7	0.34	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962030**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-06-0.5**	Date Collected:	5/27/2015 13:34		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	6.0	mg/Kg	0.55	0.090	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	
Antimony	0.65	mg/Kg	0.55	0.064	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID: **1541962031** Date Received: 5/29/2015 17:20 Matrix: Soil/Solid

Sample ID: **CA-06-02** Date Collected: 5/27/2015 13:36

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.106	0.067	1	6/2/2015 16:39	BH	6/4/2015 04:21	BFM	
2-Methylnaphthalene	U	mg/Kg	0.106	0.040	1	6/2/2015 16:39	BH	6/4/2015 04:21	BFM	
Acenaphthene	U	mg/Kg	0.106	0.025	1	6/2/2015 16:39	BH	6/4/2015 04:21	BFM	
Acenaphthylene	U	mg/Kg	0.106	0.026	1	6/2/2015 16:39	BH	6/4/2015 04:21	BFM	
Anthracene	0.075i	mg/Kg	0.106	0.015	1	6/2/2015 16:39	BH	6/4/2015 04:21	BFM	
Benzo(a)anthracene	0.250	mg/Kg	0.106	0.016	1	6/2/2015 16:39	BH	6/4/2015 04:21	BFM	
Benzo(a)pyrene	0.228	mg/Kg	0.106	0.022	1	6/2/2015 16:39	BH	6/4/2015 04:21	BFM	
Benzo(b)fluoranthene	0.367	mg/Kg	0.106	0.016	1	6/2/2015 16:39	BH	6/4/2015 04:21	BFM	
Benzo(g,h,i)perylene	0.186	mg/Kg	0.106	0.039	1	6/2/2015 16:39	BH	6/4/2015 04:21	BFM	
Benzo(k)fluoranthene	0.113	mg/Kg	0.106	0.012	1	6/2/2015 16:39	BH	6/4/2015 04:21	BFM	
Chrysene	0.272	mg/Kg	0.106	0.022	1	6/2/2015 16:39	BH	6/4/2015 04:21	BFM	
Dibenzo(a,h)anthracene	0.056i	mg/Kg	0.106	0.039	1	6/2/2015 16:39	BH	6/4/2015 04:21	BFM	
Fluoranthene	0.622	mg/Kg	0.106	0.016	1	6/2/2015 16:39	BH	6/4/2015 04:21	BFM	
Fluorene	U	mg/Kg	0.106	0.028	1	6/2/2015 16:39	BH	6/4/2015 04:21	BFM	
Indeno(1,2,3-cd)pyrene	0.196	mg/Kg	0.106	0.020	1	6/2/2015 16:39	BH	6/4/2015 04:21	BFM	
Naphthalene	U	mg/Kg	0.106	0.029	1	6/2/2015 16:39	BH	6/4/2015 04:21	BFM	
Phenanthrene	0.265	mg/Kg	0.106	0.019	1	6/2/2015 16:39	BH	6/4/2015 04:21	BFM	
Pyrene	0.332	mg/Kg	0.106	0.023	1	6/2/2015 16:39	BH	6/4/2015 04:21	BFM	
Nitrobenzene-d5 (S)	74	%	20-120		1	6/2/2015 16:39	BH	6/4/2015 04:21	BFM	
2-Fluorobiphenyl (S)	69	%	30-115		1	6/2/2015 16:39	BH	6/4/2015 04:21	BFM	
p-Terphenyl-d14 (S)	78	%	15-140		1	6/2/2015 16:39	BH	6/4/2015 04:21	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	94.0	%	0.1		1			6/8/2015 13:22	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	64.5	mg/Kg	42.4	21.2	4	6/2/2015 16:05	BH	6/5/2015 00:54	BFM	
o-Terphenyl (S)	59	%	50-150		4	6/2/2015 16:05	BH	6/5/2015 00:54	BFM	
n-Triacontane-d62 (S)	75	%	50-150		4	6/2/2015 16:05	BH	6/5/2015 00:54	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	28	mg/Kg	0.53	0.10	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	
Nickel	7.6	mg/Kg	1.6	0.33	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962031**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-06-02**	Date Collected:	5/27/2015 13:36		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	1.8	mg/Kg	0.53	0.087	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	
Antimony	0.24i	mg/Kg	0.53	0.062	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID: **1541962032** Date Received: 5/29/2015 17:20 Matrix: Soil/Solid

Sample ID: **CA-06-04** Date Collected: 5/27/2015 13:38

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.114	0.072	1	6/2/2015 16:39	BH	6/4/2015 04:47	BFM	
2-Methylnaphthalene	U	mg/Kg	0.114	0.043	1	6/2/2015 16:39	BH	6/4/2015 04:47	BFM	
Acenaphthene	0.162	mg/Kg	0.114	0.027	1	6/2/2015 16:39	BH	6/4/2015 04:47	BFM	
Acenaphthylene	U	mg/Kg	0.114	0.027	1	6/2/2015 16:39	BH	6/4/2015 04:47	BFM	
Anthracene	0.753	mg/Kg	0.114	0.017	1	6/2/2015 16:39	BH	6/4/2015 04:47	BFM	
Benzo(a)anthracene	2.03	mg/Kg	0.114	0.018	1	6/2/2015 16:39	BH	6/4/2015 04:47	BFM	
Benzo(a)pyrene	1.72	mg/Kg	0.114	0.024	1	6/2/2015 16:39	BH	6/4/2015 04:47	BFM	
Benzo(b)fluoranthene	2.69	mg/Kg	0.114	0.017	1	6/2/2015 16:39	BH	6/4/2015 04:47	BFM	
Benzo(g,h,i)perylene	1.14	mg/Kg	0.114	0.042	1	6/2/2015 16:39	BH	6/4/2015 04:47	BFM	
Benzo(k)fluoranthene	1.02	mg/Kg	0.114	0.012	1	6/2/2015 16:39	BH	6/4/2015 04:47	BFM	
Chrysene	2.07	mg/Kg	0.114	0.023	1	6/2/2015 16:39	BH	6/4/2015 04:47	BFM	
Dibenzo(a,h)anthracene	0.377	mg/Kg	0.114	0.042	1	6/2/2015 16:39	BH	6/4/2015 04:47	BFM	
Fluoranthene	4.56	mg/Kg	0.114	0.018	1	6/2/2015 16:39	BH	6/4/2015 04:47	BFM	
Fluorene	0.149	mg/Kg	0.114	0.030	1	6/2/2015 16:39	BH	6/4/2015 04:47	BFM	
Indeno(1,2,3-cd)pyrene	1.27	mg/Kg	0.114	0.022	1	6/2/2015 16:39	BH	6/4/2015 04:47	BFM	
Naphthalene	U	mg/Kg	0.114	0.031	1	6/2/2015 16:39	BH	6/4/2015 04:47	BFM	
Phenanthrene	2.35	mg/Kg	0.114	0.020	1	6/2/2015 16:39	BH	6/4/2015 04:47	BFM	
Pyrene	2.84	mg/Kg	0.114	0.025	1	6/2/2015 16:39	BH	6/4/2015 04:47	BFM	
Nitrobenzene-d5 (S)	63	%	20-120		1	6/2/2015 16:39	BH	6/4/2015 04:47	BFM	
2-Fluorobiphenyl (S)	59	%	30-115		1	6/2/2015 16:39	BH	6/4/2015 04:47	BFM	
p-Terphenyl-d14 (S)	75	%	15-140		1	6/2/2015 16:39	BH	6/4/2015 04:47	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	86.9	%	0.1		1			6/4/2015 11:15	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	334	mg/Kg	45.5	22.8	4	6/2/2015 16:05	BH	6/5/2015 01:14	BFM	
o-Terphenyl (S)	54	%	50-150		4	6/2/2015 16:05	BH	6/5/2015 01:14	BFM	
n-Triacontane-d62 (S)	78	%	50-150		4	6/2/2015 16:05	BH	6/5/2015 01:14	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	53	mg/Kg	0.58	0.11	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	
Nickel	17	mg/Kg	1.8	0.35	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962032**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-06-04**	Date Collected:	5/27/2015 13:38		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	6.9	mg/Kg	0.58	0.094	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	
Antimony	0.44i	mg/Kg	0.58	0.067	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID: **1541962033** Date Received: 5/29/2015 17:20 Matrix: Soil/Solid

Sample ID: **CA-06-06** Date Collected: 5/27/2015 13:40

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.108	0.068	1	6/2/2015 16:39	BH	6/4/2015 05:13	BFM	
2-Methylnaphthalene	U	mg/Kg	0.108	0.041	1	6/2/2015 16:39	BH	6/4/2015 05:13	BFM	
Acenaphthene	U	mg/Kg	0.108	0.026	1	6/2/2015 16:39	BH	6/4/2015 05:13	BFM	
Acenaphthylene	U	mg/Kg	0.108	0.026	1	6/2/2015 16:39	BH	6/4/2015 05:13	BFM	
Anthracene	U	mg/Kg	0.108	0.016	1	6/2/2015 16:39	BH	6/4/2015 05:13	BFM	
Benzo(a)anthracene	0.121	mg/Kg	0.108	0.017	1	6/2/2015 16:39	BH	6/4/2015 05:13	BFM	
Benzo(a)pyrene	0.136	mg/Kg	0.108	0.023	1	6/2/2015 16:39	BH	6/4/2015 05:13	BFM	
Benzo(b)fluoranthene	0.228	mg/Kg	0.108	0.016	1	6/2/2015 16:39	BH	6/4/2015 05:13	BFM	
Benzo(g,h,i)perylene	0.139	mg/Kg	0.108	0.040	1	6/2/2015 16:39	BH	6/4/2015 05:13	BFM	
Benzo(k)fluoranthene	0.064i	mg/Kg	0.108	0.012	1	6/2/2015 16:39	BH	6/4/2015 05:13	BFM	
Chrysene	0.143	mg/Kg	0.108	0.022	1	6/2/2015 16:39	BH	6/4/2015 05:13	BFM	
Dibenzo(a,h)anthracene	U	mg/Kg	0.108	0.040	1	6/2/2015 16:39	BH	6/4/2015 05:13	BFM	
Fluoranthene	0.205	mg/Kg	0.108	0.017	1	6/2/2015 16:39	BH	6/4/2015 05:13	BFM	
Fluorene	U	mg/Kg	0.108	0.029	1	6/2/2015 16:39	BH	6/4/2015 05:13	BFM	
Indeno(1,2,3-cd)pyrene	0.146	mg/Kg	0.108	0.021	1	6/2/2015 16:39	BH	6/4/2015 05:13	BFM	
Naphthalene	U	mg/Kg	0.108	0.029	1	6/2/2015 16:39	BH	6/4/2015 05:13	BFM	
Phenanthrene	0.047i	mg/Kg	0.108	0.019	1	6/2/2015 16:39	BH	6/4/2015 05:13	BFM	
Pyrene	0.143	mg/Kg	0.108	0.024	1	6/2/2015 16:39	BH	6/4/2015 05:13	BFM	
Nitrobenzene-d5 (S)	54	%	20-120		1	6/2/2015 16:39	BH	6/4/2015 05:13	BFM	
2-Fluorobiphenyl (S)	54	%	30-115		1	6/2/2015 16:39	BH	6/4/2015 05:13	BFM	
p-Terphenyl-d14 (S)	69	%	15-140		1	6/2/2015 16:39	BH	6/4/2015 05:13	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	91.9	%	0.1		1			6/4/2015 11:15	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	76.9	mg/Kg	43.3	21.6	4	6/2/2015 16:05	BH	6/5/2015 01:35	BFM	
o-Terphenyl (S)	70	%	50-150		4	6/2/2015 16:05	BH	6/5/2015 01:35	BFM	
n-Triacontane-d62 (S)	90	%	50-150		4	6/2/2015 16:05	BH	6/5/2015 01:35	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	14	mg/Kg	0.54	0.11	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	
Nickel	3.8	mg/Kg	1.7	0.33	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962033**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-06-06**	Date Collected:	5/27/2015 13:40		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	2.1	mg/Kg	0.54	0.089	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	
Antimony	0.15i	mg/Kg	0.54	0.063	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID: **1541962034** Date Received: 5/29/2015 17:20 Matrix: Soil/Solid

Sample ID: **CA-06-08** Date Collected: 5/27/2015 13:42

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.109	0.069	1	6/2/2015 16:39	BH	6/4/2015 05:38	BFM	
2-Methylnaphthalene	U	mg/Kg	0.109	0.042	1	6/2/2015 16:39	BH	6/4/2015 05:38	BFM	
Acenaphthene	U	mg/Kg	0.109	0.026	1	6/2/2015 16:39	BH	6/4/2015 05:38	BFM	
Acenaphthylene	U	mg/Kg	0.109	0.026	1	6/2/2015 16:39	BH	6/4/2015 05:38	BFM	
Anthracene	U	mg/Kg	0.109	0.016	1	6/2/2015 16:39	BH	6/4/2015 05:38	BFM	
Benzo(a)anthracene	0.031i	mg/Kg	0.109	0.017	1	6/2/2015 16:39	BH	6/4/2015 05:38	BFM	
Benzo(a)pyrene	0.048i	mg/Kg	0.109	0.023	1	6/2/2015 16:39	BH	6/4/2015 05:38	BFM	
Benzo(b)fluoranthene	0.082i	mg/Kg	0.109	0.016	1	6/2/2015 16:39	BH	6/4/2015 05:38	BFM	
Benzo(g,h,i)perylene	0.053i	mg/Kg	0.109	0.040	1	6/2/2015 16:39	BH	6/4/2015 05:38	BFM	
Benzo(k)fluoranthene	0.033i	mg/Kg	0.109	0.012	1	6/2/2015 16:39	BH	6/4/2015 05:38	BFM	
Chrysene	0.051i	mg/Kg	0.109	0.022	1	6/2/2015 16:39	BH	6/4/2015 05:38	BFM	
Dibenzo(a,h)anthracene	U	mg/Kg	0.109	0.040	1	6/2/2015 16:39	BH	6/4/2015 05:38	BFM	
Fluoranthene	0.092i	mg/Kg	0.109	0.017	1	6/2/2015 16:39	BH	6/4/2015 05:38	BFM	
Fluorene	U	mg/Kg	0.109	0.029	1	6/2/2015 16:39	BH	6/4/2015 05:38	BFM	
Indeno(1,2,3-cd)pyrene	0.057i	mg/Kg	0.109	0.021	1	6/2/2015 16:39	BH	6/4/2015 05:38	BFM	
Naphthalene	U	mg/Kg	0.109	0.030	1	6/2/2015 16:39	BH	6/4/2015 05:38	BFM	
Phenanthrene	U	mg/Kg	0.109	0.019	1	6/2/2015 16:39	BH	6/4/2015 05:38	BFM	
Pyrene	0.062i	mg/Kg	0.109	0.024	1	6/2/2015 16:39	BH	6/4/2015 05:38	BFM	
Nitrobenzene-d5 (S)	60	%	20-120		1	6/2/2015 16:39	BH	6/4/2015 05:38	BFM	
2-Fluorobiphenyl (S)	63	%	30-115		1	6/2/2015 16:39	BH	6/4/2015 05:38	BFM	
p-Terphenyl-d14 (S)	79	%	15-140		1	6/2/2015 16:39	BH	6/4/2015 05:38	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	90.3	%	0.1		1			6/4/2015 11:15	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	30.0	mg/Kg	21.8	10.9	2	6/2/2015 16:05	BH	6/4/2015 18:56	BFM	
o-Terphenyl (S)	55	%	50-150		2	6/2/2015 16:05	BH	6/4/2015 18:56	BFM	
n-Triacontane-d62 (S)	65	%	50-150		2	6/2/2015 16:05	BH	6/4/2015 18:56	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	61	mg/Kg	0.55	0.11	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	
Nickel	21	mg/Kg	1.7	0.34	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962034**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-06-08**	Date Collected:	5/27/2015 13:42		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	4.3	mg/Kg	0.55	0.091	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	
Antimony	0.31i	mg/Kg	0.55	0.064	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962035**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-06-10**	Date Collected:	5/27/2015 13:44		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	91.7	%	0.1		1			6/11/2015 12:53	SO	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B Analytical Method: EPA 6020					
Arsenic	0.96	mg/Kg	0.55	0.089	2	6/9/2015 16:58	ZS	6/10/2015 11:28	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962036**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-07-0.5**	Date Collected:	5/27/2015 13:32		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.106	0.067	1	6/2/2015 16:39	BH	6/4/2015 15:56	BFM	
2-Methylnaphthalene	U	mg/Kg	0.106	0.040	1	6/2/2015 16:39	BH	6/4/2015 15:56	BFM	
Acenaphthene	U	mg/Kg	0.106	0.025	1	6/2/2015 16:39	BH	6/4/2015 15:56	BFM	
Acenaphthylene	U	mg/Kg	0.106	0.025	1	6/2/2015 16:39	BH	6/4/2015 15:56	BFM	
Anthracene	0.046i	mg/Kg	0.106	0.015	1	6/2/2015 16:39	BH	6/4/2015 15:56	BFM	
Benzo(a)anthracene	0.378	mg/Kg	0.106	0.016	1	6/2/2015 16:39	BH	6/4/2015 15:56	BFM	
Benzo(a)pyrene	0.380	mg/Kg	0.106	0.022	1	6/2/2015 16:39	BH	6/4/2015 15:56	BFM	
Benzo(b)fluoranthene	0.635	mg/Kg	0.106	0.016	1	6/2/2015 16:39	BH	6/4/2015 15:56	BFM	
Benzo(g,h,i)perylene	0.303	mg/Kg	0.106	0.039	1	6/2/2015 16:39	BH	6/4/2015 15:56	BFM	
Benzo(k)fluoranthene	0.195	mg/Kg	0.106	0.012	1	6/2/2015 16:39	BH	6/4/2015 15:56	BFM	
Chrysene	0.376	mg/Kg	0.106	0.022	1	6/2/2015 16:39	BH	6/4/2015 15:56	BFM	
Dibenzo(a,h)anthracene	0.092i	mg/Kg	0.106	0.039	1	6/2/2015 16:39	BH	6/4/2015 15:56	BFM	
Fluoranthene	0.577	mg/Kg	0.106	0.016	1	6/2/2015 16:39	BH	6/4/2015 15:56	BFM	
Fluorene	U	mg/Kg	0.106	0.028	1	6/2/2015 16:39	BH	6/4/2015 15:56	BFM	
Indeno(1,2,3-cd)pyrene	0.339	mg/Kg	0.106	0.020	1	6/2/2015 16:39	BH	6/4/2015 15:56	BFM	
Naphthalene	U	mg/Kg	0.106	0.029	1	6/2/2015 16:39	BH	6/4/2015 15:56	BFM	
Phenanthrene	0.098i	mg/Kg	0.106	0.019	1	6/2/2015 16:39	BH	6/4/2015 15:56	BFM	
Pyrene	0.400	mg/Kg	0.106	0.023	1	6/2/2015 16:39	BH	6/4/2015 15:56	BFM	
Nitrobenzene-d5 (S)	54	%	20-120		1	6/2/2015 16:39	BH	6/4/2015 15:56	BFM	
2-Fluorobiphenyl (S)	52	%	30-115		1	6/2/2015 16:39	BH	6/4/2015 15:56	BFM	
p-Terphenyl-d14 (S)	64	%	15-140		1	6/2/2015 16:39	BH	6/4/2015 15:56	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	93.9	%	0.1		1			6/4/2015 11:15	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	104	mg/Kg	42.2	21.1	4	6/2/2015 16:05	BH	6/5/2015 01:57	BFM	
o-Terphenyl (S)	72	%	50-150		4	6/2/2015 16:05	BH	6/5/2015 01:57	BFM	
n-Triacontane-d62 (S)	99	%	50-150		4	6/2/2015 16:05	BH	6/5/2015 01:57	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	54	mg/Kg	0.53	0.10	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	
Nickel	17	mg/Kg	1.6	0.33	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962036**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-07-0.5**	Date Collected:	5/27/2015 13:32		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	3.9	mg/Kg	0.53	0.087	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	
Antimony	0.18i	mg/Kg	0.53	0.062	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID: **1541962037** Date Received: 5/29/2015 17:20 Matrix: Soil/Solid

Sample ID: **CA-07-02** Date Collected: 5/27/2015 13:34

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.106	0.067	1	6/2/2015 16:39	BH	6/4/2015 16:22	BFM	
2-Methylnaphthalene	U	mg/Kg	0.106	0.040	1	6/2/2015 16:39	BH	6/4/2015 16:22	BFM	
Acenaphthene	U	mg/Kg	0.106	0.025	1	6/2/2015 16:39	BH	6/4/2015 16:22	BFM	
Acenaphthylene	U	mg/Kg	0.106	0.026	1	6/2/2015 16:39	BH	6/4/2015 16:22	BFM	
Anthracene	U	mg/Kg	0.106	0.015	1	6/2/2015 16:39	BH	6/4/2015 16:22	BFM	
Benzo(a)anthracene	0.061i	mg/Kg	0.106	0.016	1	6/2/2015 16:39	BH	6/4/2015 16:22	BFM	
Benzo(a)pyrene	0.101i	mg/Kg	0.106	0.022	1	6/2/2015 16:39	BH	6/4/2015 16:22	BFM	
Benzo(b)fluoranthene	0.155	mg/Kg	0.106	0.016	1	6/2/2015 16:39	BH	6/4/2015 16:22	BFM	
Benzo(g,h,i)perylene	0.111	mg/Kg	0.106	0.039	1	6/2/2015 16:39	BH	6/4/2015 16:22	BFM	
Benzo(k)fluoranthene	0.066i	mg/Kg	0.106	0.012	1	6/2/2015 16:39	BH	6/4/2015 16:22	BFM	
Chrysene	0.098i	mg/Kg	0.106	0.022	1	6/2/2015 16:39	BH	6/4/2015 16:22	BFM	
Dibenzo(a,h)anthracene	U	mg/Kg	0.106	0.039	1	6/2/2015 16:39	BH	6/4/2015 16:22	BFM	
Fluoranthene	0.186	mg/Kg	0.106	0.016	1	6/2/2015 16:39	BH	6/4/2015 16:22	BFM	
Fluorene	U	mg/Kg	0.106	0.028	1	6/2/2015 16:39	BH	6/4/2015 16:22	BFM	
Indeno(1,2,3-cd)pyrene	0.120	mg/Kg	0.106	0.020	1	6/2/2015 16:39	BH	6/4/2015 16:22	BFM	
Naphthalene	U	mg/Kg	0.106	0.029	1	6/2/2015 16:39	BH	6/4/2015 16:22	BFM	
Phenanthrene	U	mg/Kg	0.106	0.019	1	6/2/2015 16:39	BH	6/4/2015 16:22	BFM	
Pyrene	0.115	mg/Kg	0.106	0.023	1	6/2/2015 16:39	BH	6/4/2015 16:22	BFM	
Nitrobenzene-d5 (S)	59	%	20-120		1	6/2/2015 16:39	BH	6/4/2015 16:22	BFM	
2-Fluorobiphenyl (S)	60	%	30-115		1	6/2/2015 16:39	BH	6/4/2015 16:22	BFM	
p-Terphenyl-d14 (S)	75	%	15-140		1	6/2/2015 16:39	BH	6/4/2015 16:22	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	93.3	%	0.1		1			6/4/2015 11:15	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	148	mg/Kg	42.4	21.2	4	6/2/2015 16:05	BH	6/5/2015 02:18	BFM	
o-Terphenyl (S)	73	%	50-150		4	6/2/2015 16:05	BH	6/5/2015 02:18	BFM	
n-Triacontane-d62 (S)	99	%	50-150		4	6/2/2015 16:05	BH	6/5/2015 02:18	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	32	mg/Kg	0.54	0.11	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	
Nickel	10	mg/Kg	1.6	0.33	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962037**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-07-02**	Date Collected:	5/27/2015 13:34		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	7.0	mg/Kg	0.54	0.088	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	
Antimony	0.37i	mg/Kg	0.54	0.062	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID: **1541962038** Date Received: 5/29/2015 17:20 Matrix: Soil/Solid

Sample ID: **CA-07-04** Date Collected: 5/27/2015 13:36

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.108	0.068	1	6/2/2015 16:39	BH	6/4/2015 16:48	BFM	
2-Methylnaphthalene	U	mg/Kg	0.108	0.041	1	6/2/2015 16:39	BH	6/4/2015 16:48	BFM	
Acenaphthene	U	mg/Kg	0.108	0.025	1	6/2/2015 16:39	BH	6/4/2015 16:48	BFM	
Acenaphthylene	U	mg/Kg	0.108	0.026	1	6/2/2015 16:39	BH	6/4/2015 16:48	BFM	
Anthracene	U	mg/Kg	0.108	0.016	1	6/2/2015 16:39	BH	6/4/2015 16:48	BFM	
Benzo(a)anthracene	0.025i	mg/Kg	0.108	0.017	1	6/2/2015 16:39	BH	6/4/2015 16:48	BFM	
Benzo(a)pyrene	0.030i	mg/Kg	0.108	0.023	1	6/2/2015 16:39	BH	6/4/2015 16:48	BFM	
Benzo(b)fluoranthene	0.049i	mg/Kg	0.108	0.016	1	6/2/2015 16:39	BH	6/4/2015 16:48	BFM	
Benzo(g,h,i)perylene	U	mg/Kg	0.108	0.040	1	6/2/2015 16:39	BH	6/4/2015 16:48	BFM	
Benzo(k)fluoranthene	U	mg/Kg	0.108	0.012	1	6/2/2015 16:39	BH	6/4/2015 16:48	BFM	
Chrysene	U	mg/Kg	0.108	0.022	1	6/2/2015 16:39	BH	6/4/2015 16:48	BFM	
Dibenzo(a,h)anthracene	U	mg/Kg	0.108	0.039	1	6/2/2015 16:39	BH	6/4/2015 16:48	BFM	
Fluoranthene	0.049i	mg/Kg	0.108	0.017	1	6/2/2015 16:39	BH	6/4/2015 16:48	BFM	
Fluorene	U	mg/Kg	0.108	0.029	1	6/2/2015 16:39	BH	6/4/2015 16:48	BFM	
Indeno(1,2,3-cd)pyrene	0.031i	mg/Kg	0.108	0.021	1	6/2/2015 16:39	BH	6/4/2015 16:48	BFM	
Naphthalene	U	mg/Kg	0.108	0.029	1	6/2/2015 16:39	BH	6/4/2015 16:48	BFM	
Phenanthrene	U	mg/Kg	0.108	0.019	1	6/2/2015 16:39	BH	6/4/2015 16:48	BFM	
Pyrene	0.033i	mg/Kg	0.108	0.024	1	6/2/2015 16:39	BH	6/4/2015 16:48	BFM	
Nitrobenzene-d5 (S)	47	%	20-120		1	6/2/2015 16:39	BH	6/4/2015 16:48	BFM	
2-Fluorobiphenyl (S)	47	%	30-115		1	6/2/2015 16:39	BH	6/4/2015 16:48	BFM	
p-Terphenyl-d14 (S)	62	%	15-140		1	6/2/2015 16:39	BH	6/4/2015 16:48	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	91.7	%	0.1		1			6/4/2015 11:15	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	24.6	mg/Kg	21.6	10.8	2	6/2/2015 16:05	BH	6/4/2015 18:35	BFM	
o-Terphenyl (S)	59	%	50-150		2	6/2/2015 16:05	BH	6/4/2015 18:35	BFM	
n-Triacontane-d62 (S)	69	%	50-150		2	6/2/2015 16:05	BH	6/4/2015 18:35	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	56	mg/Kg	0.55	0.11	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	
Nickel	17	mg/Kg	1.7	0.33	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962038**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-07-04**	Date Collected:	5/27/2015 13:36		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	3.3	mg/Kg	0.55	0.089	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	
Antimony	0.17i	mg/Kg	0.55	0.063	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID: **1541962039** Date Received: 5/29/2015 17:20 Matrix: Soil/Solid

Sample ID: **CA-07-06** Date Collected: 5/27/2015 13:38

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.110	0.069	1	6/2/2015 16:39	BH	6/4/2015 17:14	BFM	
2-Methylnaphthalene	U	mg/Kg	0.110	0.042	1	6/2/2015 16:39	BH	6/4/2015 17:14	BFM	
Acenaphthene	U	mg/Kg	0.110	0.026	1	6/2/2015 16:39	BH	6/4/2015 17:14	BFM	
Acenaphthylene	U	mg/Kg	0.110	0.026	1	6/2/2015 16:39	BH	6/4/2015 17:14	BFM	
Anthracene	0.090i	mg/Kg	0.110	0.016	1	6/2/2015 16:39	BH	6/4/2015 17:14	BFM	
Benzo(a)anthracene	0.379	mg/Kg	0.110	0.017	1	6/2/2015 16:39	BH	6/4/2015 17:14	BFM	
Benzo(a)pyrene	0.367	mg/Kg	0.110	0.023	1	6/2/2015 16:39	BH	6/4/2015 17:14	BFM	
Benzo(b)fluoranthene	0.599	mg/Kg	0.110	0.016	1	6/2/2015 16:39	BH	6/4/2015 17:14	BFM	
Benzo(g,h,i)perylene	0.313	mg/Kg	0.110	0.041	1	6/2/2015 16:39	BH	6/4/2015 17:14	BFM	
Benzo(k)fluoranthene	0.222	mg/Kg	0.110	0.012	1	6/2/2015 16:39	BH	6/4/2015 17:14	BFM	
Chrysene	0.405	mg/Kg	0.110	0.022	1	6/2/2015 16:39	BH	6/4/2015 17:14	BFM	
Dibenzo(a,h)anthracene	0.090i	mg/Kg	0.110	0.040	1	6/2/2015 16:39	BH	6/4/2015 17:14	BFM	
Fluoranthene	0.828	mg/Kg	0.110	0.017	1	6/2/2015 16:39	BH	6/4/2015 17:14	BFM	
Fluorene	U	mg/Kg	0.110	0.029	1	6/2/2015 16:39	BH	6/4/2015 17:14	BFM	
Indeno(1,2,3-cd)pyrene	0.335	mg/Kg	0.110	0.021	1	6/2/2015 16:39	BH	6/4/2015 17:14	BFM	
Naphthalene	U	mg/Kg	0.110	0.030	1	6/2/2015 16:39	BH	6/4/2015 17:14	BFM	
Phenanthrene	0.252	mg/Kg	0.110	0.020	1	6/2/2015 16:39	BH	6/4/2015 17:14	BFM	
Pyrene	0.403	mg/Kg	0.110	0.024	1	6/2/2015 16:39	BH	6/4/2015 17:14	BFM	
Nitrobenzene-d5 (S)	59	%	20-120		1	6/2/2015 16:39	BH	6/4/2015 17:14	BFM	
2-Fluorobiphenyl (S)	59	%	30-115		1	6/2/2015 16:39	BH	6/4/2015 17:14	BFM	
p-Terphenyl-d14 (S)	62	%	15-140		1	6/2/2015 16:39	BH	6/4/2015 17:14	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	91.7	%	0.1		1			6/4/2015 11:15	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	117	mg/Kg	43.9	22.0	4	6/2/2015 16:05	BH	6/5/2015 02:39	BFM	
o-Terphenyl (S)	56	%	50-150		4	6/2/2015 16:05	BH	6/5/2015 02:39	BFM	
n-Triacontane-d62 (S)	73	%	50-150		4	6/2/2015 16:05	BH	6/5/2015 02:39	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	37	mg/Kg	0.55	0.11	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	
Nickel	14	mg/Kg	1.7	0.33	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962039**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-07-06**	Date Collected:	5/27/2015 13:38		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	5.9	mg/Kg	0.55	0.089	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	
Antimony	0.39i	mg/Kg	0.55	0.063	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID: **1541962040** Date Received: 5/29/2015 17:20 Matrix: Soil/Solid

Sample ID: **CA-07-08** Date Collected: 5/27/2015 13:40

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.553	0.349	5	6/2/2015 16:39	BH	6/4/2015 17:39	BFM	
2-Methylnaphthalene	U	mg/Kg	0.553	0.211	5	6/2/2015 16:39	BH	6/4/2015 17:39	BFM	
Acenaphthene	0.329i	mg/Kg	0.553	0.131	5	6/2/2015 16:39	BH	6/4/2015 17:39	BFM	
Acenaphthylene	U	mg/Kg	0.553	0.133	5	6/2/2015 16:39	BH	6/4/2015 17:39	BFM	
Anthracene	2.93	mg/Kg	0.553	0.080	5	6/2/2015 16:39	BH	6/4/2015 17:39	BFM	
Benzo(a)anthracene	6.64	mg/Kg	0.553	0.086	5	6/2/2015 16:39	BH	6/4/2015 17:39	BFM	
Benzo(a)pyrene	5.16	mg/Kg	0.553	0.117	5	6/2/2015 16:39	BH	6/4/2015 17:39	BFM	
Benzo(b)fluoranthene	8.45	mg/Kg	0.553	0.083	5	6/2/2015 16:39	BH	6/4/2015 17:39	BFM	
Benzo(g,h,i)perylene	2.75	mg/Kg	0.553	0.205	5	6/2/2015 16:39	BH	6/4/2015 17:39	BFM	
Benzo(k)fluoranthene	2.99	mg/Kg	0.553	0.060	5	6/2/2015 16:39	BH	6/4/2015 17:39	BFM	
Chrysene	6.22	mg/Kg	0.553	0.113	5	6/2/2015 16:39	BH	6/4/2015 17:39	BFM	
Dibenzo(a,h)anthracene	0.993	mg/Kg	0.553	0.203	5	6/2/2015 16:39	BH	6/4/2015 17:39	BFM	
Fluoranthene	15.7	mg/Kg	0.553	0.085	5	6/2/2015 16:39	BH	6/4/2015 17:39	BFM	
Fluorene	0.517i	mg/Kg	0.553	0.147	5	6/2/2015 16:39	BH	6/4/2015 17:39	BFM	
Indeno(1,2,3-cd)pyrene	3.43	mg/Kg	0.553	0.106	5	6/2/2015 16:39	BH	6/4/2015 17:39	BFM	
Naphthalene	U	mg/Kg	0.553	0.151	5	6/2/2015 16:39	BH	6/4/2015 17:39	BFM	
Phenanthrene	7.70	mg/Kg	0.553	0.099	5	6/2/2015 16:39	BH	6/4/2015 17:39	BFM	
Pyrene	8.95	mg/Kg	0.553	0.122	5	6/2/2015 16:39	BH	6/4/2015 17:39	BFM	
Nitrobenzene-d5 (S)	49	%	20-120		5	6/2/2015 16:39	BH	6/4/2015 17:39	BFM	
2-Fluorobiphenyl (S)	52	%	30-115		5	6/2/2015 16:39	BH	6/4/2015 17:39	BFM	
p-Terphenyl-d14 (S)	74	%	15-140		5	6/2/2015 16:39	BH	6/4/2015 17:39	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	90.5	%	0.1		1			6/4/2015 11:15	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	596	mg/Kg	111	55.3	10	6/2/2015 16:05	BH	6/5/2015 03:00	BFM	
o-Terphenyl (S)	62	%	50-150		10	6/2/2015 16:05	BH	6/5/2015 03:00	BFM	
n-Triacontane-d62 (S)	133	%	50-150		10	6/2/2015 16:05	BH	6/5/2015 03:00	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	23	mg/Kg	0.55	0.11	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	
Nickel	6.8	mg/Kg	1.7	0.34	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962040**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-07-08**	Date Collected:	5/27/2015 13:40		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	2.2	mg/Kg	0.55	0.091	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	
Antimony	U	mg/Kg	0.55	0.064	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962041**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-07-10**	Date Collected:	5/27/2015 13:42		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.118	0.074	1	6/9/2015 15:10	BH	6/11/2015 03:40	BFM	
2-Methylnaphthalene	0.084i	mg/Kg	0.118	0.045	1	6/9/2015 15:10	BH	6/11/2015 03:40	BFM	
Acenaphthene	0.643	mg/Kg	0.118	0.028	1	6/9/2015 15:10	BH	6/11/2015 03:40	BFM	
Acenaphthylene	0.044i	mg/Kg	0.118	0.028	1	6/9/2015 15:10	BH	6/11/2015 03:40	BFM	
Anthracene	4.30	mg/Kg	0.118	0.017	1	6/9/2015 15:10	BH	6/11/2015 03:40	BFM	
Benzo(a)anthracene	7.84	mg/Kg	0.118	0.018	1	6/9/2015 15:10	BH	6/11/2015 03:40	BFM	L
Benzo(a)pyrene	6.09	mg/Kg	0.118	0.025	1	6/9/2015 15:10	BH	6/11/2015 03:40	BFM	L
Benzo(b)fluoranthene	9.90	mg/Kg	0.118	0.018	1	6/9/2015 15:10	BH	6/11/2015 03:40	BFM	L
Benzo(g,h,i)perylene	3.20	mg/Kg	0.118	0.044	1	6/9/2015 15:10	BH	6/11/2015 03:40	BFM	
Benzo(k)fluoranthene	2.40	mg/Kg	0.118	0.013	1	6/9/2015 15:10	BH	6/11/2015 03:40	BFM	
Chrysene	6.82	mg/Kg	0.118	0.024	1	6/9/2015 15:10	BH	6/11/2015 03:40	BFM	L
Dibenzo(a,h)anthracene	1.09	mg/Kg	0.118	0.043	1	6/9/2015 15:10	BH	6/11/2015 03:40	BFM	
Fluoranthene	15.1	mg/Kg	0.118	0.018	1	6/9/2015 15:10	BH	6/11/2015 03:40	BFM	L
Fluorene	0.988	mg/Kg	0.118	0.031	1	6/9/2015 15:10	BH	6/11/2015 03:40	BFM	
Indeno(1,2,3-cd)pyrene	3.97	mg/Kg	0.118	0.023	1	6/9/2015 15:10	BH	6/11/2015 03:40	BFM	
Naphthalene	0.074i	mg/Kg	0.118	0.032	1	6/9/2015 15:10	BH	6/11/2015 03:40	BFM	
Phenanthrene	11.2	mg/Kg	0.118	0.021	1	6/9/2015 15:10	BH	6/11/2015 03:40	BFM	L
Pyrene	10.7	mg/Kg	0.118	0.026	1	6/9/2015 15:10	BH	6/11/2015 03:40	BFM	L
Nitrobenzene-d5 (S)	62	%	20-120		1	6/9/2015 15:10	BH	6/11/2015 03:40	BFM	
2-Fluorobiphenyl (S)	60	%	30-115		1	6/9/2015 15:10	BH	6/11/2015 03:40	BFM	
p-Terphenyl-d14 (S)	80	%	15-140		1	6/9/2015 15:10	BH	6/11/2015 03:40	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	84.1	%	0.1		1			6/9/2015 15:42	BH	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	513	mg/Kg	23.6	11.8	2	6/9/2015 15:04	BH	6/11/2015 19:58	BFM	
o-Terphenyl (S)	69	%	50-150		2	6/9/2015 15:04	BH	6/11/2015 19:58	BFM	
n-Triacontane-d62 (S)	104	%	50-150		2	6/9/2015 15:04	BH	6/11/2015 19:58	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Arsenic	2.9	mg/Kg	0.59	0.097	2	6/9/2015 16:58	ZS	6/10/2015 11:28	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID: **1541962042** Date Received: 5/29/2015 17:20 Matrix: Soil/Solid

Sample ID: **CA-08-0.5** Date Collected: 5/27/2015 12:00

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.553	0.349	5	6/2/2015 16:39	BH	6/4/2015 18:05	BFM	
2-Methylnaphthalene	U	mg/Kg	0.553	0.211	5	6/2/2015 16:39	BH	6/4/2015 18:05	BFM	
Acenaphthene	3.11	mg/Kg	0.553	0.130	5	6/2/2015 16:39	BH	6/4/2015 18:05	BFM	
Acenaphthylene	U	mg/Kg	0.553	0.133	5	6/2/2015 16:39	BH	6/4/2015 18:05	BFM	
Anthracene	8.41	mg/Kg	0.553	0.080	5	6/2/2015 16:39	BH	6/4/2015 18:05	BFM	
Benzo(a)anthracene	20.7	mg/Kg	0.553	0.086	5	6/2/2015 16:39	BH	6/4/2015 18:05	BFM	
Benzo(a)pyrene	20.3	mg/Kg	0.553	0.117	5	6/2/2015 16:39	BH	6/4/2015 18:05	BFM	
Benzo(b)fluoranthene	27.4	mg/Kg	0.553	0.083	5	6/2/2015 16:39	BH	6/4/2015 18:05	BFM	
Benzo(g,h,i)perylene	12.5	mg/Kg	0.553	0.204	5	6/2/2015 16:39	BH	6/4/2015 18:05	BFM	
Benzo(k)fluoranthene	9.06	mg/Kg	0.553	0.060	5	6/2/2015 16:39	BH	6/4/2015 18:05	BFM	
Chrysene	20.3	mg/Kg	0.553	0.113	5	6/2/2015 16:39	BH	6/4/2015 18:05	BFM	
Dibenzo(a,h)anthracene	3.85	mg/Kg	0.553	0.202	5	6/2/2015 16:39	BH	6/4/2015 18:05	BFM	
Fluoranthene	50.6	mg/Kg	0.553	0.085	5	6/2/2015 16:39	BH	6/4/2015 18:05	BFM	
Fluorene	2.46	mg/Kg	0.553	0.147	5	6/2/2015 16:39	BH	6/4/2015 18:05	BFM	
Indeno(1,2,3-cd)pyrene	13.4	mg/Kg	0.553	0.106	5	6/2/2015 16:39	BH	6/4/2015 18:05	BFM	
Naphthalene	U	mg/Kg	0.553	0.150	5	6/2/2015 16:39	BH	6/4/2015 18:05	BFM	
Phenanthrene	27.1	mg/Kg	0.553	0.098	5	6/2/2015 16:39	BH	6/4/2015 18:05	BFM	
Pyrene	30.3	mg/Kg	0.553	0.122	5	6/2/2015 16:39	BH	6/4/2015 18:05	BFM	
Nitrobenzene-d5 (S)	39	%	20-120		5	6/2/2015 16:39	BH	6/4/2015 18:05	BFM	
2-Fluorobiphenyl (S)	48	%	30-115		5	6/2/2015 16:39	BH	6/4/2015 18:05	BFM	
p-Terphenyl-d14 (S)	59	%	15-140		5	6/2/2015 16:39	BH	6/4/2015 18:05	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	90.8	%	0.1		1			6/4/2015 11:15	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	947	mg/Kg	111	55.3	10	6/2/2015 16:05	BH	6/5/2015 03:22	BFM	
o-Terphenyl (S)	51	%	50-150		10	6/2/2015 16:05	BH	6/5/2015 03:22	BFM	
n-Triacontane-d62 (S)	110	%	50-150		10	6/2/2015 16:05	BH	6/5/2015 03:22	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	56	mg/Kg	0.55	0.11	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	
Nickel	16	mg/Kg	1.7	0.34	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962042**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-08-0.5**	Date Collected:	5/27/2015 12:00		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	2.9	mg/Kg	0.55	0.090	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	
Antimony	0.090i	mg/Kg	0.55	0.064	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID: **1541962043** Date Received: 5/29/2015 17:20 Matrix: Soil/Solid

Sample ID: **CA-08-02** Date Collected: 5/27/2015 12:01

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.106	0.067	1	6/2/2015 16:39	BH	6/4/2015 12:31	BFM	
2-Methylnaphthalene	U	mg/Kg	0.106	0.040	1	6/2/2015 16:39	BH	6/4/2015 12:31	BFM	
Acenaphthene	U	mg/Kg	0.106	0.025	1	6/2/2015 16:39	BH	6/4/2015 12:31	BFM	
Acenaphthylene	U	mg/Kg	0.106	0.026	1	6/2/2015 16:39	BH	6/4/2015 12:31	BFM	
Anthracene	U	mg/Kg	0.106	0.015	1	6/2/2015 16:39	BH	6/4/2015 12:31	BFM	
Benzo(a)anthracene	U	mg/Kg	0.106	0.016	1	6/2/2015 16:39	BH	6/4/2015 12:31	BFM	
Benzo(a)pyrene	U	mg/Kg	0.106	0.022	1	6/2/2015 16:39	BH	6/4/2015 12:31	BFM	
Benzo(b)fluoranthene	U	mg/Kg	0.106	0.016	1	6/2/2015 16:39	BH	6/4/2015 12:31	BFM	
Benzo(g,h,i)perylene	U	mg/Kg	0.106	0.039	1	6/2/2015 16:39	BH	6/4/2015 12:31	BFM	
Benzo(k)fluoranthene	U	mg/Kg	0.106	0.012	1	6/2/2015 16:39	BH	6/4/2015 12:31	BFM	
Chrysene	U	mg/Kg	0.106	0.022	1	6/2/2015 16:39	BH	6/4/2015 12:31	BFM	
Dibenzo(a,h)anthracene	U	mg/Kg	0.106	0.039	1	6/2/2015 16:39	BH	6/4/2015 12:31	BFM	
Fluoranthene	U	mg/Kg	0.106	0.016	1	6/2/2015 16:39	BH	6/4/2015 12:31	BFM	
Fluorene	U	mg/Kg	0.106	0.028	1	6/2/2015 16:39	BH	6/4/2015 12:31	BFM	
Indeno(1,2,3-cd)pyrene	U	mg/Kg	0.106	0.020	1	6/2/2015 16:39	BH	6/4/2015 12:31	BFM	
Naphthalene	U	mg/Kg	0.106	0.029	1	6/2/2015 16:39	BH	6/4/2015 12:31	BFM	
Phenanthrene	U	mg/Kg	0.106	0.019	1	6/2/2015 16:39	BH	6/4/2015 12:31	BFM	
Pyrene	U	mg/Kg	0.106	0.023	1	6/2/2015 16:39	BH	6/4/2015 12:31	BFM	
Nitrobenzene-d5 (S)	71	%	20-120		1	6/2/2015 16:39	BH	6/4/2015 12:31	BFM	
2-Fluorobiphenyl (S)	67	%	30-115		1	6/2/2015 16:39	BH	6/4/2015 12:31	BFM	
p-Terphenyl-d14 (S)	90	%	15-140		1	6/2/2015 16:39	BH	6/4/2015 12:31	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	94.0	%	0.1		1			6/4/2015 11:15	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	U	mg/Kg	21.2	10.6	2	6/2/2015 16:05	BH	6/4/2015 15:02	BFM	
o-Terphenyl (S)	62	%	50-150		2	6/2/2015 16:05	BH	6/4/2015 15:02	BFM	
n-Triacontane-d62 (S)	72	%	50-150		2	6/2/2015 16:05	BH	6/4/2015 15:02	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	18	mg/Kg	0.53	0.10	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	
Nickel	5.4	mg/Kg	1.6	0.33	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962043**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-08-02**	Date Collected:	5/27/2015 12:01		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	0.76	mg/Kg	0.53	0.087	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	
Antimony	U	mg/Kg	0.53	0.062	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID: **1541962044** Date Received: 5/29/2015 17:20 Matrix: Soil/Solid

Sample ID: **CA-08-04** Date Collected: 5/27/2015 12:02

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.108	0.068	1	6/2/2015 16:39	BH	6/4/2015 12:56	BFM	
2-Methylnaphthalene	U	mg/Kg	0.108	0.041	1	6/2/2015 16:39	BH	6/4/2015 12:56	BFM	
Acenaphthene	U	mg/Kg	0.108	0.025	1	6/2/2015 16:39	BH	6/4/2015 12:56	BFM	
Acenaphthylene	U	mg/Kg	0.108	0.026	1	6/2/2015 16:39	BH	6/4/2015 12:56	BFM	
Anthracene	U	mg/Kg	0.108	0.016	1	6/2/2015 16:39	BH	6/4/2015 12:56	BFM	
Benzo(a)anthracene	U	mg/Kg	0.108	0.017	1	6/2/2015 16:39	BH	6/4/2015 12:56	BFM	
Benzo(a)pyrene	U	mg/Kg	0.108	0.023	1	6/2/2015 16:39	BH	6/4/2015 12:56	BFM	
Benzo(b)fluoranthene	U	mg/Kg	0.108	0.016	1	6/2/2015 16:39	BH	6/4/2015 12:56	BFM	
Benzo(g,h,i)perylene	U	mg/Kg	0.108	0.040	1	6/2/2015 16:39	BH	6/4/2015 12:56	BFM	
Benzo(k)fluoranthene	U	mg/Kg	0.108	0.012	1	6/2/2015 16:39	BH	6/4/2015 12:56	BFM	
Chrysene	U	mg/Kg	0.108	0.022	1	6/2/2015 16:39	BH	6/4/2015 12:56	BFM	
Dibenzo(a,h)anthracene	U	mg/Kg	0.108	0.039	1	6/2/2015 16:39	BH	6/4/2015 12:56	BFM	
Fluoranthene	U	mg/Kg	0.108	0.017	1	6/2/2015 16:39	BH	6/4/2015 12:56	BFM	
Fluorene	U	mg/Kg	0.108	0.029	1	6/2/2015 16:39	BH	6/4/2015 12:56	BFM	
Indeno(1,2,3-cd)pyrene	U	mg/Kg	0.108	0.021	1	6/2/2015 16:39	BH	6/4/2015 12:56	BFM	
Naphthalene	U	mg/Kg	0.108	0.029	1	6/2/2015 16:39	BH	6/4/2015 12:56	BFM	
Phenanthrene	U	mg/Kg	0.108	0.019	1	6/2/2015 16:39	BH	6/4/2015 12:56	BFM	
Pyrene	U	mg/Kg	0.108	0.024	1	6/2/2015 16:39	BH	6/4/2015 12:56	BFM	
Nitrobenzene-d5 (S)	65	%	20-120		1	6/2/2015 16:39	BH	6/4/2015 12:56	BFM	
2-Fluorobiphenyl (S)	65	%	30-115		1	6/2/2015 16:39	BH	6/4/2015 12:56	BFM	
p-Terphenyl-d14 (S)	87	%	15-140		1	6/2/2015 16:39	BH	6/4/2015 12:56	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	92.1	%	0.1		1			6/4/2015 11:15	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	U	mg/Kg	21.6	10.8	2	6/2/2015 16:05	BH	6/4/2015 15:24	BFM	
o-Terphenyl (S)	62	%	50-150		2	6/2/2015 16:05	BH	6/4/2015 15:24	BFM	
n-Triacontane-d62 (S)	76	%	50-150		2	6/2/2015 16:05	BH	6/4/2015 15:24	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	74	mg/Kg	0.54	0.11	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	
Nickel	19	mg/Kg	1.7	0.33	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962044**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-08-04**	Date Collected:	5/27/2015 12:02		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	1.3	mg/Kg	0.54	0.089	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	
Antimony	U	mg/Kg	0.54	0.063	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962045**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-08-06**	Date Collected:	5/27/2015 12:03		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.111	0.070	1	6/2/2015 16:39	BH	6/4/2015 18:31	BFM	
2-Methylnaphthalene	U	mg/Kg	0.111	0.042	1	6/2/2015 16:39	BH	6/4/2015 18:31	BFM	
Acenaphthene	0.140	mg/Kg	0.111	0.026	1	6/2/2015 16:39	BH	6/4/2015 18:31	BFM	
Acenaphthylene	U	mg/Kg	0.111	0.027	1	6/2/2015 16:39	BH	6/4/2015 18:31	BFM	
Anthracene	0.316	mg/Kg	0.111	0.016	1	6/2/2015 16:39	BH	6/4/2015 18:31	BFM	
Benzo(a)anthracene	0.554	mg/Kg	0.111	0.017	1	6/2/2015 16:39	BH	6/4/2015 18:31	BFM	
Benzo(a)pyrene	0.498	mg/Kg	0.111	0.023	1	6/2/2015 16:39	BH	6/4/2015 18:31	BFM	
Benzo(b)fluoranthene	0.819	mg/Kg	0.111	0.017	1	6/2/2015 16:39	BH	6/4/2015 18:31	BFM	
Benzo(g,h,i)perylene	0.463	mg/Kg	0.111	0.041	1	6/2/2015 16:39	BH	6/4/2015 18:31	BFM	
Benzo(k)fluoranthene	0.292	mg/Kg	0.111	0.012	1	6/2/2015 16:39	BH	6/4/2015 18:31	BFM	
Chrysene	0.592	mg/Kg	0.111	0.023	1	6/2/2015 16:39	BH	6/4/2015 18:31	BFM	
Dibenzo(a,h)anthracene	0.132	mg/Kg	0.111	0.040	1	6/2/2015 16:39	BH	6/4/2015 18:31	BFM	
Fluoranthene	1.67	mg/Kg	0.111	0.017	1	6/2/2015 16:39	BH	6/4/2015 18:31	BFM	
Fluorene	0.078i	mg/Kg	0.111	0.029	1	6/2/2015 16:39	BH	6/4/2015 18:31	BFM	
Indeno(1,2,3-cd)pyrene	0.486	mg/Kg	0.111	0.021	1	6/2/2015 16:39	BH	6/4/2015 18:31	BFM	
Naphthalene	U	mg/Kg	0.111	0.030	1	6/2/2015 16:39	BH	6/4/2015 18:31	BFM	
Phenanthrene	1.35	mg/Kg	0.111	0.020	1	6/2/2015 16:39	BH	6/4/2015 18:31	BFM	
Pyrene	0.974	mg/Kg	0.111	0.024	1	6/2/2015 16:39	BH	6/4/2015 18:31	BFM	
Nitrobenzene-d5 (S)	51	%	20-120		1	6/2/2015 16:39	BH	6/4/2015 18:31	BFM	
2-Fluorobiphenyl (S)	51	%	30-115		1	6/2/2015 16:39	BH	6/4/2015 18:31	BFM	
p-Terphenyl-d14 (S)	62	%	15-140		1	6/2/2015 16:39	BH	6/4/2015 18:31	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	90.6	%	0.1		1			6/4/2015 11:15	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	179	mg/Kg	44.2	22.1	4	6/2/2015 16:05	BH	6/5/2015 03:43	BFM	
o-Terphenyl (S)	67	%	50-150		4	6/2/2015 16:05	BH	6/5/2015 03:43	BFM	
n-Triacontane-d62 (S)	87	%	50-150		4	6/2/2015 16:05	BH	6/5/2015 03:43	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	36	mg/Kg	0.55	0.11	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	
Nickel	8.1	mg/Kg	1.7	0.34	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962045**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-08-06**	Date Collected:	5/27/2015 12:03		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	2.6	mg/Kg	0.55	0.090	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	
Antimony	U	mg/Kg	0.55	0.064	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962046**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-08-08**	Date Collected:	5/27/2015 12:04		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.111	0.070	1	6/2/2015 16:39	BH	6/4/2015 18:57	BFM	
2-Methylnaphthalene	U	mg/Kg	0.111	0.043	1	6/2/2015 16:39	BH	6/4/2015 18:57	BFM	
Acenaphthene	0.218	mg/Kg	0.111	0.026	1	6/2/2015 16:39	BH	6/4/2015 18:57	BFM	
Acenaphthylene	U	mg/Kg	0.111	0.027	1	6/2/2015 16:39	BH	6/4/2015 18:57	BFM	
Anthracene	1.34	mg/Kg	0.111	0.016	1	6/2/2015 16:39	BH	6/4/2015 18:57	BFM	
Benzo(a)anthracene	2.73	mg/Kg	0.111	0.017	1	6/2/2015 16:39	BH	6/4/2015 18:57	BFM	
Benzo(a)pyrene	2.06	mg/Kg	0.111	0.024	1	6/2/2015 16:39	BH	6/4/2015 18:57	BFM	
Benzo(b)fluoranthene	3.15	mg/Kg	0.111	0.017	1	6/2/2015 16:39	BH	6/4/2015 18:57	BFM	
Benzo(g,h,i)perylene	1.20	mg/Kg	0.111	0.041	1	6/2/2015 16:39	BH	6/4/2015 18:57	BFM	
Benzo(k)fluoranthene	1.11	mg/Kg	0.111	0.012	1	6/2/2015 16:39	BH	6/4/2015 18:57	BFM	
Chrysene	2.59	mg/Kg	0.111	0.023	1	6/2/2015 16:39	BH	6/4/2015 18:57	BFM	
Dibenzo(a,h)anthracene	0.430	mg/Kg	0.111	0.041	1	6/2/2015 16:39	BH	6/4/2015 18:57	BFM	
Fluoranthene	6.04	mg/Kg	0.111	0.017	1	6/2/2015 16:39	BH	6/4/2015 18:57	BFM	
Fluorene	0.291	mg/Kg	0.111	0.030	1	6/2/2015 16:39	BH	6/4/2015 18:57	BFM	
Indeno(1,2,3-cd)pyrene	1.38	mg/Kg	0.111	0.021	1	6/2/2015 16:39	BH	6/4/2015 18:57	BFM	
Naphthalene	U	mg/Kg	0.111	0.030	1	6/2/2015 16:39	BH	6/4/2015 18:57	BFM	
Phenanthrene	3.78	mg/Kg	0.111	0.020	1	6/2/2015 16:39	BH	6/4/2015 18:57	BFM	
Pyrene	3.43	mg/Kg	0.111	0.025	1	6/2/2015 16:39	BH	6/4/2015 18:57	BFM	
Nitrobenzene-d5 (S)	66	%	20-120		1	6/2/2015 16:39	BH	6/4/2015 18:57	BFM	
2-Fluorobiphenyl (S)	60	%	30-115		1	6/2/2015 16:39	BH	6/4/2015 18:57	BFM	
p-Terphenyl-d14 (S)	77	%	15-140		1	6/2/2015 16:39	BH	6/4/2015 18:57	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	88.9	%	0.1		1			6/4/2015 11:15	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	351	mg/Kg	44.6	22.3	4	6/2/2015 16:05	BH	6/5/2015 04:04	BFM	
o-Terphenyl (S)	64	%	50-150		4	6/2/2015 16:05	BH	6/5/2015 04:04	BFM	
n-Triacontane-d62 (S)	92	%	50-150		4	6/2/2015 16:05	BH	6/5/2015 04:04	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	37	mg/Kg	0.56	0.11	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	
Nickel	16	mg/Kg	1.7	0.34	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962046**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-08-08**	Date Collected:	5/27/2015 12:04		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	2.4	mg/Kg	0.56	0.092	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	
Antimony	U	mg/Kg	0.56	0.065	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID: **1541962047** Date Received: 5/29/2015 17:20 Matrix: Soil/Solid

Sample ID: **CA-08-10** Date Collected: 5/27/2015 12:05

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.116	0.073	1	6/9/2015 15:10	BH	6/11/2015 04:06	BFM	
2-Methylnaphthalene	U	mg/Kg	0.116	0.044	1	6/9/2015 15:10	BH	6/11/2015 04:06	BFM	
Acenaphthene	0.144	mg/Kg	0.116	0.027	1	6/9/2015 15:10	BH	6/11/2015 04:06	BFM	
Acenaphthylene	U	mg/Kg	0.116	0.028	1	6/9/2015 15:10	BH	6/11/2015 04:06	BFM	
Anthracene	0.663	mg/Kg	0.116	0.017	1	6/9/2015 15:10	BH	6/11/2015 04:06	BFM	
Benzo(a)anthracene	1.73	mg/Kg	0.116	0.018	1	6/9/2015 15:10	BH	6/11/2015 04:06	BFM	
Benzo(a)pyrene	1.34	mg/Kg	0.116	0.025	1	6/9/2015 15:10	BH	6/11/2015 04:06	BFM	
Benzo(b)fluoranthene	2.25	mg/Kg	0.116	0.017	1	6/9/2015 15:10	BH	6/11/2015 04:06	BFM	
Benzo(g,h,i)perylene	0.817	mg/Kg	0.116	0.043	1	6/9/2015 15:10	BH	6/11/2015 04:06	BFM	
Benzo(k)fluoranthene	0.676	mg/Kg	0.116	0.013	1	6/9/2015 15:10	BH	6/11/2015 04:06	BFM	
Chrysene	1.73	mg/Kg	0.116	0.024	1	6/9/2015 15:10	BH	6/11/2015 04:06	BFM	
Dibenzo(a,h)anthracene	0.317	mg/Kg	0.116	0.042	1	6/9/2015 15:10	BH	6/11/2015 04:06	BFM	
Fluoranthene	3.68	mg/Kg	0.116	0.018	1	6/9/2015 15:10	BH	6/11/2015 04:06	BFM	
Fluorene	0.142	mg/Kg	0.116	0.031	1	6/9/2015 15:10	BH	6/11/2015 04:06	BFM	
Indeno(1,2,3-cd)pyrene	0.927	mg/Kg	0.116	0.022	1	6/9/2015 15:10	BH	6/11/2015 04:06	BFM	
Naphthalene	U	mg/Kg	0.116	0.031	1	6/9/2015 15:10	BH	6/11/2015 04:06	BFM	
Phenanthrene	2.05	mg/Kg	0.116	0.021	1	6/9/2015 15:10	BH	6/11/2015 04:06	BFM	
Pyrene	2.61	mg/Kg	0.116	0.026	1	6/9/2015 15:10	BH	6/11/2015 04:06	BFM	
Nitrobenzene-d5 (S)	60	%	20-120		1	6/9/2015 15:10	BH	6/11/2015 04:06	BFM	
2-Fluorobiphenyl (S)	54	%	30-115		1	6/9/2015 15:10	BH	6/11/2015 04:06	BFM	
p-Terphenyl-d14 (S)	78	%	15-140		1	6/9/2015 15:10	BH	6/11/2015 04:06	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	86.4	%	0.1		1			6/9/2015 15:42	BH	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	136	mg/Kg	23.1	11.6	2	6/9/2015 15:04	BH	6/11/2015 19:37	BFM	
o-Terphenyl (S)	52	%	50-150		2	6/9/2015 15:04	BH	6/11/2015 19:37	BFM	
n-Triacontane-d62 (S)	76	%	50-150		2	6/9/2015 15:04	BH	6/11/2015 19:37	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Arsenic	50	mg/Kg	0.58	0.095	2	6/19/2015 16:58	ZS	6/22/2015 12:47	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962048**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-09-0.5**	Date Collected:	5/27/2015 12:10		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.106	0.067	1	6/2/2015 16:44	BH	6/4/2015 19:22	BFM	
2-Methylnaphthalene	U	mg/Kg	0.106	0.041	1	6/2/2015 16:44	BH	6/4/2015 19:22	BFM	
Acenaphthene	U	mg/Kg	0.106	0.025	1	6/2/2015 16:44	BH	6/4/2015 19:22	BFM	
Acenaphthylene	U	mg/Kg	0.106	0.026	1	6/2/2015 16:44	BH	6/4/2015 19:22	BFM	
Anthracene	0.078i	mg/Kg	0.106	0.015	1	6/2/2015 16:44	BH	6/4/2015 19:22	BFM	
Benzo(a)anthracene	0.485	mg/Kg	0.106	0.016	1	6/2/2015 16:44	BH	6/4/2015 19:22	BFM	
Benzo(a)pyrene	0.440	mg/Kg	0.106	0.023	1	6/2/2015 16:44	BH	6/4/2015 19:22	BFM	
Benzo(b)fluoranthene	0.685	mg/Kg	0.106	0.016	1	6/2/2015 16:44	BH	6/4/2015 19:22	BFM	
Benzo(g,h,i)perylene	0.325	mg/Kg	0.106	0.039	1	6/2/2015 16:44	BH	6/4/2015 19:22	BFM	
Benzo(k)fluoranthene	0.269	mg/Kg	0.106	0.012	1	6/2/2015 16:44	BH	6/4/2015 19:22	BFM	
Chrysene	0.502	mg/Kg	0.106	0.022	1	6/2/2015 16:44	BH	6/4/2015 19:22	BFM	
Dibenzo(a,h)anthracene	0.115	mg/Kg	0.106	0.039	1	6/2/2015 16:44	BH	6/4/2015 19:22	BFM	
Fluoranthene	0.927	mg/Kg	0.106	0.016	1	6/2/2015 16:44	BH	6/4/2015 19:22	BFM	
Fluorene	U	mg/Kg	0.106	0.028	1	6/2/2015 16:44	BH	6/4/2015 19:22	BFM	
Indeno(1,2,3-cd)pyrene	0.403	mg/Kg	0.106	0.020	1	6/2/2015 16:44	BH	6/4/2015 19:22	BFM	
Naphthalene	U	mg/Kg	0.106	0.029	1	6/2/2015 16:44	BH	6/4/2015 19:22	BFM	
Phenanthrene	0.190	mg/Kg	0.106	0.019	1	6/2/2015 16:44	BH	6/4/2015 19:22	BFM	
Pyrene	0.537	mg/Kg	0.106	0.024	1	6/2/2015 16:44	BH	6/4/2015 19:22	BFM	
Nitrobenzene-d5 (S)	56	%	20-120		1	6/2/2015 16:44	BH	6/4/2015 19:22	BFM	
2-Fluorobiphenyl (S)	59	%	30-115		1	6/2/2015 16:44	BH	6/4/2015 19:22	BFM	
p-Terphenyl-d14 (S)	68	%	15-140		1	6/2/2015 16:44	BH	6/4/2015 19:22	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	94.2	%	0.1		1			6/4/2015 11:19	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	94.8	mg/Kg	42.5	21.3	4	6/2/2015 16:13	BH	6/5/2015 05:07	BFM	
o-Terphenyl (S)	56	%	50-150		4	6/2/2015 16:13	BH	6/5/2015 05:07	BFM	
n-Triacontane-d62 (S)	77	%	50-150		4	6/2/2015 16:13	BH	6/5/2015 05:07	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	13	mg/Kg	0.53	0.10	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	
Nickel	3.6	mg/Kg	1.6	0.32	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962048**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-09-0.5**	Date Collected:	5/27/2015 12:10		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	0.85	mg/Kg	0.53	0.087	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	
Antimony	U	mg/Kg	0.53	0.062	2	6/1/2015 17:15	ZS	6/2/2015 17:23	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID: **1541962049** Date Received: 5/29/2015 17:20 Matrix: Soil/Solid

Sample ID: **CA-09-02** Date Collected: 5/27/2015 12:11

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.108	0.068	1	6/2/2015 16:44	BH	6/4/2015 13:22	BFM	
2-Methylnaphthalene	U	mg/Kg	0.108	0.041	1	6/2/2015 16:44	BH	6/4/2015 13:22	BFM	
Acenaphthene	U	mg/Kg	0.108	0.025	1	6/2/2015 16:44	BH	6/4/2015 13:22	BFM	
Acenaphthylene	U	mg/Kg	0.108	0.026	1	6/2/2015 16:44	BH	6/4/2015 13:22	BFM	
Anthracene	U	mg/Kg	0.108	0.016	1	6/2/2015 16:44	BH	6/4/2015 13:22	BFM	
Benzo(a)anthracene	U	mg/Kg	0.108	0.017	1	6/2/2015 16:44	BH	6/4/2015 13:22	BFM	
Benzo(a)pyrene	U	mg/Kg	0.108	0.023	1	6/2/2015 16:44	BH	6/4/2015 13:22	BFM	
Benzo(b)fluoranthene	U	mg/Kg	0.108	0.016	1	6/2/2015 16:44	BH	6/4/2015 13:22	BFM	
Benzo(g,h,i)perylene	U	mg/Kg	0.108	0.040	1	6/2/2015 16:44	BH	6/4/2015 13:22	BFM	
Benzo(k)fluoranthene	U	mg/Kg	0.108	0.012	1	6/2/2015 16:44	BH	6/4/2015 13:22	BFM	
Chrysene	U	mg/Kg	0.108	0.022	1	6/2/2015 16:44	BH	6/4/2015 13:22	BFM	
Dibenzo(a,h)anthracene	U	mg/Kg	0.108	0.039	1	6/2/2015 16:44	BH	6/4/2015 13:22	BFM	
Fluoranthene	U	mg/Kg	0.108	0.017	1	6/2/2015 16:44	BH	6/4/2015 13:22	BFM	
Fluorene	U	mg/Kg	0.108	0.029	1	6/2/2015 16:44	BH	6/4/2015 13:22	BFM	
Indeno(1,2,3-cd)pyrene	U	mg/Kg	0.108	0.021	1	6/2/2015 16:44	BH	6/4/2015 13:22	BFM	
Naphthalene	U	mg/Kg	0.108	0.029	1	6/2/2015 16:44	BH	6/4/2015 13:22	BFM	
Phenanthrene	U	mg/Kg	0.108	0.019	1	6/2/2015 16:44	BH	6/4/2015 13:22	BFM	
Pyrene	U	mg/Kg	0.108	0.024	1	6/2/2015 16:44	BH	6/4/2015 13:22	BFM	
Nitrobenzene-d5 (S)	51	%	20-120		1	6/2/2015 16:44	BH	6/4/2015 13:22	BFM	
2-Fluorobiphenyl (S)	54	%	30-115		1	6/2/2015 16:44	BH	6/4/2015 13:22	BFM	
p-Terphenyl-d14 (S)	67	%	15-140		1	6/2/2015 16:44	BH	6/4/2015 13:22	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	93.3	%	0.1		1			6/4/2015 11:19	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	13.4i	mg/Kg	21.5	10.8	2	6/2/2015 16:13	BH	6/4/2015 15:44	BFM	
o-Terphenyl (S)	65	%	50-150		2	6/2/2015 16:13	BH	6/4/2015 15:44	BFM	
n-Triacontane-d62 (S)	77	%	50-150		2	6/2/2015 16:13	BH	6/4/2015 15:44	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	13	mg/Kg	0.54	0.11	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	
Nickel	3.3	mg/Kg	1.6	0.33	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962049**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-09-02**	Date Collected:	5/27/2015 12:11		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	0.54	mg/Kg	0.54	0.088	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	
Antimony	0.15i	mg/Kg	0.54	0.062	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID: **1541962050** Date Received: 5/29/2015 17:20 Matrix: Soil/Solid

Sample ID: **CA-09-04** Date Collected: 5/27/2015 12:12

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.106	0.067	1	6/2/2015 16:44	BH	6/4/2015 19:48	BFM	
2-Methylnaphthalene	U	mg/Kg	0.106	0.041	1	6/2/2015 16:44	BH	6/4/2015 19:48	BFM	
Acenaphthene	U	mg/Kg	0.106	0.025	1	6/2/2015 16:44	BH	6/4/2015 19:48	BFM	
Acenaphthylene	U	mg/Kg	0.106	0.026	1	6/2/2015 16:44	BH	6/4/2015 19:48	BFM	
Anthracene	0.211	mg/Kg	0.106	0.015	1	6/2/2015 16:44	BH	6/4/2015 19:48	BFM	
Benzo(a)anthracene	1.11	mg/Kg	0.106	0.017	1	6/2/2015 16:44	BH	6/4/2015 19:48	BFM	
Benzo(a)pyrene	0.871	mg/Kg	0.106	0.023	1	6/2/2015 16:44	BH	6/4/2015 19:48	BFM	
Benzo(b)fluoranthene	1.43	mg/Kg	0.106	0.016	1	6/2/2015 16:44	BH	6/4/2015 19:48	BFM	
Benzo(g,h,i)perylene	0.563	mg/Kg	0.106	0.039	1	6/2/2015 16:44	BH	6/4/2015 19:48	BFM	
Benzo(k)fluoranthene	0.458	mg/Kg	0.106	0.012	1	6/2/2015 16:44	BH	6/4/2015 19:48	BFM	
Chrysene	1.09	mg/Kg	0.106	0.022	1	6/2/2015 16:44	BH	6/4/2015 19:48	BFM	
Dibenzo(a,h)anthracene	0.220	mg/Kg	0.106	0.039	1	6/2/2015 16:44	BH	6/4/2015 19:48	BFM	
Fluoranthene	2.24	mg/Kg	0.106	0.016	1	6/2/2015 16:44	BH	6/4/2015 19:48	BFM	
Fluorene	U	mg/Kg	0.106	0.028	1	6/2/2015 16:44	BH	6/4/2015 19:48	BFM	
Indeno(1,2,3-cd)pyrene	0.692	mg/Kg	0.106	0.020	1	6/2/2015 16:44	BH	6/4/2015 19:48	BFM	
Naphthalene	U	mg/Kg	0.106	0.029	1	6/2/2015 16:44	BH	6/4/2015 19:48	BFM	
Phenanthrene	0.385	mg/Kg	0.106	0.019	1	6/2/2015 16:44	BH	6/4/2015 19:48	BFM	
Pyrene	1.27	mg/Kg	0.106	0.024	1	6/2/2015 16:44	BH	6/4/2015 19:48	BFM	
Nitrobenzene-d5 (S)	44	%	20-120		1	6/2/2015 16:44	BH	6/4/2015 19:48	BFM	
2-Fluorobiphenyl (S)	49	%	30-115		1	6/2/2015 16:44	BH	6/4/2015 19:48	BFM	
p-Terphenyl-d14 (S)	59	%	15-140		1	6/2/2015 16:44	BH	6/4/2015 19:48	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	93.1	%	0.1		1			6/4/2015 11:19	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	134	mg/Kg	42.6	21.3	4	6/2/2015 16:13	BH	6/5/2015 06:10	BFM	
o-Terphenyl (S)	59	%	50-150		4	6/2/2015 16:13	BH	6/5/2015 06:10	BFM	
n-Triacontane-d62 (S)	87	%	50-150		4	6/2/2015 16:13	BH	6/5/2015 06:10	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	47	mg/Kg	0.54	0.11	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	
Nickel	13	mg/Kg	1.6	0.33	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962050**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-09-04**	Date Collected:	5/27/2015 12:12		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	3.1	mg/Kg	0.54	0.088	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	
Antimony	0.17i	mg/Kg	0.54	0.062	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID: **1541962051** Date Received: 5/29/2015 17:20 Matrix: Soil/Solid

Sample ID: **CA-09-06** Date Collected: 5/27/2015 12:13

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.556	0.351	5	6/2/2015 16:44	BH	6/4/2015 20:14	BFM	
2-Methylnaphthalene	U	mg/Kg	0.556	0.213	5	6/2/2015 16:44	BH	6/4/2015 20:14	BFM	
Acenaphthene	U	mg/Kg	0.556	0.131	5	6/2/2015 16:44	BH	6/4/2015 20:14	BFM	
Acenaphthylene	U	mg/Kg	0.556	0.134	5	6/2/2015 16:44	BH	6/4/2015 20:14	BFM	
Anthracene	0.387i	mg/Kg	0.556	0.081	5	6/2/2015 16:44	BH	6/4/2015 20:14	BFM	
Benzo(a)anthracene	0.673	mg/Kg	0.556	0.086	5	6/2/2015 16:44	BH	6/4/2015 20:14	BFM	
Benzo(a)pyrene	0.740	mg/Kg	0.556	0.118	5	6/2/2015 16:44	BH	6/4/2015 20:14	BFM	
Benzo(b)fluoranthene	0.999	mg/Kg	0.556	0.083	5	6/2/2015 16:44	BH	6/4/2015 20:14	BFM	
Benzo(g,h,i)perylene	0.707	mg/Kg	0.556	0.206	5	6/2/2015 16:44	BH	6/4/2015 20:14	BFM	
Benzo(k)fluoranthene	0.376i	mg/Kg	0.556	0.061	5	6/2/2015 16:44	BH	6/4/2015 20:14	BFM	
Chrysene	0.690	mg/Kg	0.556	0.113	5	6/2/2015 16:44	BH	6/4/2015 20:14	BFM	
Dibenzo(a,h)anthracene	U	mg/Kg	0.556	0.204	5	6/2/2015 16:44	BH	6/4/2015 20:14	BFM	
Fluoranthene	1.99	mg/Kg	0.556	0.086	5	6/2/2015 16:44	BH	6/4/2015 20:14	BFM	
Fluorene	U	mg/Kg	0.556	0.148	5	6/2/2015 16:44	BH	6/4/2015 20:14	BFM	
Indeno(1,2,3-cd)pyrene	0.715	mg/Kg	0.556	0.107	5	6/2/2015 16:44	BH	6/4/2015 20:14	BFM	
Naphthalene	U	mg/Kg	0.556	0.151	5	6/2/2015 16:44	BH	6/4/2015 20:14	BFM	
Phenanthrene	1.67	mg/Kg	0.556	0.099	5	6/2/2015 16:44	BH	6/4/2015 20:14	BFM	
Pyrene	1.03	mg/Kg	0.556	0.123	5	6/2/2015 16:44	BH	6/4/2015 20:14	BFM	
Nitrobenzene-d5 (S)	38	%	20-120		5	6/2/2015 16:44	BH	6/4/2015 20:14	BFM	
2-Fluorobiphenyl (S)	43	%	30-115		5	6/2/2015 16:44	BH	6/4/2015 20:14	BFM	
p-Terphenyl-d14 (S)	56	%	15-140		5	6/2/2015 16:44	BH	6/4/2015 20:14	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	90.3	%	0.1		1			6/4/2015 11:19	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	290	mg/Kg	111	55.6	10	6/2/2015 16:13	BH	6/5/2015 06:31	BFM	
o-Terphenyl (S)	73	%	50-150		10	6/2/2015 16:13	BH	6/5/2015 06:31	BFM	
n-Triacontane-d62 (S)	99	%	50-150		10	6/2/2015 16:13	BH	6/5/2015 06:31	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	50	mg/Kg	0.55	0.11	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	
Nickel	13	mg/Kg	1.7	0.34	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962051**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-09-06**	Date Collected:	5/27/2015 12:13		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	1.9	mg/Kg	0.55	0.091	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	
Antimony	U	mg/Kg	0.55	0.064	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID: **1541962052** Date Received: 5/29/2015 17:20 Matrix: Soil/Solid

Sample ID: **CA-09-08** Date Collected: 5/27/2015 12:14

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.113	0.071	1	6/2/2015 16:44	BH	6/4/2015 20:39	BFM	
2-Methylnaphthalene	U	mg/Kg	0.113	0.043	1	6/2/2015 16:44	BH	6/4/2015 20:39	BFM	
Acenaphthene	U	mg/Kg	0.113	0.027	1	6/2/2015 16:44	BH	6/4/2015 20:39	BFM	
Acenaphthylene	U	mg/Kg	0.113	0.027	1	6/2/2015 16:44	BH	6/4/2015 20:39	BFM	
Anthracene	0.129	mg/Kg	0.113	0.016	1	6/2/2015 16:44	BH	6/4/2015 20:39	BFM	
Benzo(a)anthracene	0.273	mg/Kg	0.113	0.017	1	6/2/2015 16:44	BH	6/4/2015 20:39	BFM	
Benzo(a)pyrene	0.252	mg/Kg	0.113	0.024	1	6/2/2015 16:44	BH	6/4/2015 20:39	BFM	
Benzo(b)fluoranthene	0.406	mg/Kg	0.113	0.017	1	6/2/2015 16:44	BH	6/4/2015 20:39	BFM	
Benzo(g,h,i)perylene	0.162	mg/Kg	0.113	0.042	1	6/2/2015 16:44	BH	6/4/2015 20:39	BFM	
Benzo(k)fluoranthene	0.143	mg/Kg	0.113	0.012	1	6/2/2015 16:44	BH	6/4/2015 20:39	BFM	
Chrysene	0.284	mg/Kg	0.113	0.023	1	6/2/2015 16:44	BH	6/4/2015 20:39	BFM	
Dibenzo(a,h)anthracene	0.062i	mg/Kg	0.113	0.041	1	6/2/2015 16:44	BH	6/4/2015 20:39	BFM	
Fluoranthene	0.719	mg/Kg	0.113	0.017	1	6/2/2015 16:44	BH	6/4/2015 20:39	BFM	
Fluorene	U	mg/Kg	0.113	0.030	1	6/2/2015 16:44	BH	6/4/2015 20:39	BFM	
Indeno(1,2,3-cd)pyrene	0.173	mg/Kg	0.113	0.022	1	6/2/2015 16:44	BH	6/4/2015 20:39	BFM	
Naphthalene	U	mg/Kg	0.113	0.031	1	6/2/2015 16:44	BH	6/4/2015 20:39	BFM	
Phenanthrene	0.463	mg/Kg	0.113	0.020	1	6/2/2015 16:44	BH	6/4/2015 20:39	BFM	
Pyrene	0.371	mg/Kg	0.113	0.025	1	6/2/2015 16:44	BH	6/4/2015 20:39	BFM	
Nitrobenzene-d5 (S)	49	%	20-120		1	6/2/2015 16:44	BH	6/4/2015 20:39	BFM	
2-Fluorobiphenyl (S)	50	%	30-115		1	6/2/2015 16:44	BH	6/4/2015 20:39	BFM	
p-Terphenyl-d14 (S)	63	%	15-140		1	6/2/2015 16:44	BH	6/4/2015 20:39	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	89.1	%	0.1		1			6/4/2015 11:19	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	109	mg/Kg	45.1	22.6	4	6/2/2015 16:13	BH	6/5/2015 06:52	BFM	
o-Terphenyl (S)	64	%	50-150		4	6/2/2015 16:13	BH	6/5/2015 06:52	BFM	
n-Triacontane-d62 (S)	86	%	50-150		4	6/2/2015 16:13	BH	6/5/2015 06:52	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	17	mg/Kg	0.56	0.11	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	
Nickel	5.0	mg/Kg	1.7	0.34	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962052**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-09-08**	Date Collected:	5/27/2015 12:14		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	2.2	mg/Kg	0.56	0.092	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	
Antimony	U	mg/Kg	0.56	0.065	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962053**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-09-10**	Date Collected:	5/27/2015 12:15		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.114	0.072	1	6/9/2015 15:10	BH	6/11/2015 04:31	BFM	
2-Methylnaphthalene	U	mg/Kg	0.114	0.044	1	6/9/2015 15:10	BH	6/11/2015 04:31	BFM	
Acenaphthene	0.063i	mg/Kg	0.114	0.027	1	6/9/2015 15:10	BH	6/11/2015 04:31	BFM	
Acenaphthylene	U	mg/Kg	0.114	0.028	1	6/9/2015 15:10	BH	6/11/2015 04:31	BFM	
Anthracene	0.205	mg/Kg	0.114	0.017	1	6/9/2015 15:10	BH	6/11/2015 04:31	BFM	
Benzo(a)anthracene	0.475	mg/Kg	0.114	0.018	1	6/9/2015 15:10	BH	6/11/2015 04:31	BFM	
Benzo(a)pyrene	0.389	mg/Kg	0.114	0.024	1	6/9/2015 15:10	BH	6/11/2015 04:31	BFM	
Benzo(b)fluoranthene	0.650	mg/Kg	0.114	0.017	1	6/9/2015 15:10	BH	6/11/2015 04:31	BFM	
Benzo(g,h,i)perylene	0.274	mg/Kg	0.114	0.042	1	6/9/2015 15:10	BH	6/11/2015 04:31	BFM	
Benzo(k)fluoranthene	0.225	mg/Kg	0.114	0.012	1	6/9/2015 15:10	BH	6/11/2015 04:31	BFM	
Chrysene	0.492	mg/Kg	0.114	0.023	1	6/9/2015 15:10	BH	6/11/2015 04:31	BFM	
Dibenzo(a,h)anthracene	0.107i	mg/Kg	0.114	0.042	1	6/9/2015 15:10	BH	6/11/2015 04:31	BFM	
Fluoranthene	1.11	mg/Kg	0.114	0.018	1	6/9/2015 15:10	BH	6/11/2015 04:31	BFM	
Fluorene	0.049i	mg/Kg	0.114	0.030	1	6/9/2015 15:10	BH	6/11/2015 04:31	BFM	
Indeno(1,2,3-cd)pyrene	0.306	mg/Kg	0.114	0.022	1	6/9/2015 15:10	BH	6/11/2015 04:31	BFM	
Naphthalene	U	mg/Kg	0.114	0.031	1	6/9/2015 15:10	BH	6/11/2015 04:31	BFM	
Phenanthrene	0.693	mg/Kg	0.114	0.020	1	6/9/2015 15:10	BH	6/11/2015 04:31	BFM	
Pyrene	0.762	mg/Kg	0.114	0.025	1	6/9/2015 15:10	BH	6/11/2015 04:31	BFM	
Nitrobenzene-d5 (S)	50	%	20-120		1	6/9/2015 15:10	BH	6/11/2015 04:31	BFM	
2-Fluorobiphenyl (S)	53	%	30-115		1	6/9/2015 15:10	BH	6/11/2015 04:31	BFM	
p-Terphenyl-d14 (S)	71	%	15-140		1	6/9/2015 15:10	BH	6/11/2015 04:31	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	86.8	%	0.1		1			6/9/2015 15:42	BH	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Arsenic	2.8	mg/Kg	0.58	0.094	2	6/9/2015 16:58	ZS	6/10/2015 11:28	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962054**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-10-0.5**	Date Collected:	5/27/2015 12:18		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.106	0.067	1	6/2/2015 16:44	BH	6/4/2015 21:05	BFM	
2-Methylnaphthalene	U	mg/Kg	0.106	0.040	1	6/2/2015 16:44	BH	6/4/2015 21:05	BFM	
Acenaphthene	U	mg/Kg	0.106	0.025	1	6/2/2015 16:44	BH	6/4/2015 21:05	BFM	
Acenaphthylene	U	mg/Kg	0.106	0.026	1	6/2/2015 16:44	BH	6/4/2015 21:05	BFM	
Anthracene	U	mg/Kg	0.106	0.015	1	6/2/2015 16:44	BH	6/4/2015 21:05	BFM	
Benzo(a)anthracene	0.238	mg/Kg	0.106	0.016	1	6/2/2015 16:44	BH	6/4/2015 21:05	BFM	
Benzo(a)pyrene	0.253	mg/Kg	0.106	0.022	1	6/2/2015 16:44	BH	6/4/2015 21:05	BFM	
Benzo(b)fluoranthene	0.418	mg/Kg	0.106	0.016	1	6/2/2015 16:44	BH	6/4/2015 21:05	BFM	
Benzo(g,h,i)perylene	0.183	mg/Kg	0.106	0.039	1	6/2/2015 16:44	BH	6/4/2015 21:05	BFM	
Benzo(k)fluoranthene	0.132	mg/Kg	0.106	0.012	1	6/2/2015 16:44	BH	6/4/2015 21:05	BFM	
Chrysene	0.257	mg/Kg	0.106	0.022	1	6/2/2015 16:44	BH	6/4/2015 21:05	BFM	
Dibenzo(a,h)anthracene	0.060i	mg/Kg	0.106	0.039	1	6/2/2015 16:44	BH	6/4/2015 21:05	BFM	
Fluoranthene	0.392	mg/Kg	0.106	0.016	1	6/2/2015 16:44	BH	6/4/2015 21:05	BFM	
Fluorene	U	mg/Kg	0.106	0.028	1	6/2/2015 16:44	BH	6/4/2015 21:05	BFM	
Indeno(1,2,3-cd)pyrene	0.203	mg/Kg	0.106	0.020	1	6/2/2015 16:44	BH	6/4/2015 21:05	BFM	
Naphthalene	U	mg/Kg	0.106	0.029	1	6/2/2015 16:44	BH	6/4/2015 21:05	BFM	
Phenanthrene	0.068i	mg/Kg	0.106	0.019	1	6/2/2015 16:44	BH	6/4/2015 21:05	BFM	
Pyrene	0.336	mg/Kg	0.106	0.023	1	6/2/2015 16:44	BH	6/4/2015 21:05	BFM	
Nitrobenzene-d5 (S)	50	%	20-120		1	6/2/2015 16:44	BH	6/4/2015 21:05	BFM	
2-Fluorobiphenyl (S)	55	%	30-115		1	6/2/2015 16:44	BH	6/4/2015 21:05	BFM	
p-Terphenyl-d14 (S)	66	%	15-140		1	6/2/2015 16:44	BH	6/4/2015 21:05	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	93.6	%	0.1		1			6/4/2015 11:19	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	110	mg/Kg	42.3	21.2	4	6/2/2015 16:13	BH	6/5/2015 07:13	BFM	
o-Terphenyl (S)	57	%	50-150		4	6/2/2015 16:13	BH	6/5/2015 07:13	BFM	
n-Triacontane-d62 (S)	72	%	50-150		4	6/2/2015 16:13	BH	6/5/2015 07:13	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	55	mg/Kg	0.53	0.10	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	
Nickel	13	mg/Kg	1.6	0.33	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962054**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-10-0.5**	Date Collected:	5/27/2015 12:18		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	4.4	mg/Kg	0.53	0.088	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	
Antimony	0.35i	mg/Kg	0.53	0.062	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID: **1541962055** Date Received: 5/29/2015 17:20 Matrix: Soil/Solid

Sample ID: **CA-10-02** Date Collected: 5/27/2015 12:20

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.108	0.068	1	6/2/2015 16:44	BH	6/4/2015 21:31	BFM	
2-Methylnaphthalene	U	mg/Kg	0.108	0.041	1	6/2/2015 16:44	BH	6/4/2015 21:31	BFM	
Acenaphthene	U	mg/Kg	0.108	0.025	1	6/2/2015 16:44	BH	6/4/2015 21:31	BFM	
Acenaphthylene	U	mg/Kg	0.108	0.026	1	6/2/2015 16:44	BH	6/4/2015 21:31	BFM	
Anthracene	U	mg/Kg	0.108	0.016	1	6/2/2015 16:44	BH	6/4/2015 21:31	BFM	
Benzo(a)anthracene	0.047i	mg/Kg	0.108	0.017	1	6/2/2015 16:44	BH	6/4/2015 21:31	BFM	
Benzo(a)pyrene	0.070i	mg/Kg	0.108	0.023	1	6/2/2015 16:44	BH	6/4/2015 21:31	BFM	
Benzo(b)fluoranthene	0.133	mg/Kg	0.108	0.016	1	6/2/2015 16:44	BH	6/4/2015 21:31	BFM	
Benzo(g,h,i)perylene	0.076i	mg/Kg	0.108	0.040	1	6/2/2015 16:44	BH	6/4/2015 21:31	BFM	
Benzo(k)fluoranthene	0.030i	mg/Kg	0.108	0.012	1	6/2/2015 16:44	BH	6/4/2015 21:31	BFM	
Chrysene	0.073i	mg/Kg	0.108	0.022	1	6/2/2015 16:44	BH	6/4/2015 21:31	BFM	
Dibenzo(a,h)anthracene	U	mg/Kg	0.108	0.039	1	6/2/2015 16:44	BH	6/4/2015 21:31	BFM	
Fluoranthene	0.108	mg/Kg	0.108	0.017	1	6/2/2015 16:44	BH	6/4/2015 21:31	BFM	
Fluorene	U	mg/Kg	0.108	0.029	1	6/2/2015 16:44	BH	6/4/2015 21:31	BFM	
Indeno(1,2,3-cd)pyrene	0.081i	mg/Kg	0.108	0.021	1	6/2/2015 16:44	BH	6/4/2015 21:31	BFM	
Naphthalene	U	mg/Kg	0.108	0.029	1	6/2/2015 16:44	BH	6/4/2015 21:31	BFM	
Phenanthrene	0.023i	mg/Kg	0.108	0.019	1	6/2/2015 16:44	BH	6/4/2015 21:31	BFM	
Pyrene	0.085i	mg/Kg	0.108	0.024	1	6/2/2015 16:44	BH	6/4/2015 21:31	BFM	
Nitrobenzene-d5 (S)	40	%	20-120		1	6/2/2015 16:44	BH	6/4/2015 21:31	BFM	
2-Fluorobiphenyl (S)	42	%	30-115		1	6/2/2015 16:44	BH	6/4/2015 21:31	BFM	
p-Terphenyl-d14 (S)	52	%	15-140		1	6/2/2015 16:44	BH	6/4/2015 21:31	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	92.8	%	0.1		1			6/4/2015 11:19	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	64.0	mg/Kg	43.1	21.5	4	6/2/2015 16:13	BH	6/5/2015 07:33	BFM	
o-Terphenyl (S)	42	%	50-150		4	6/2/2015 16:13	BH	6/5/2015 07:33	BFM	J2d
n-Triacontane-d62 (S)	58	%	50-150		4	6/2/2015 16:13	BH	6/5/2015 07:33	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	76	mg/Kg	0.54	0.11	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	
Nickel	33	mg/Kg	1.6	0.33	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962055**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-10-02**	Date Collected:	5/27/2015 12:20		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	6.5	mg/Kg	0.54	0.088	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	
Antimony	0.10i	mg/Kg	0.54	0.063	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962056**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-10-04**	Date Collected:	5/27/2015 12:22		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.554	0.350	5	6/2/2015 16:44	BH	6/4/2015 23:30	BFM	
2-Methylnaphthalene	U	mg/Kg	0.554	0.212	5	6/2/2015 16:44	BH	6/4/2015 23:30	BFM	
Acenaphthene	0.144i	mg/Kg	0.554	0.131	5	6/2/2015 16:44	BH	6/4/2015 23:30	BFM	
Acenaphthylene	U	mg/Kg	0.554	0.134	5	6/2/2015 16:44	BH	6/4/2015 23:30	BFM	
Anthracene	0.549i	mg/Kg	0.554	0.080	5	6/2/2015 16:44	BH	6/4/2015 23:30	BFM	
Benzo(a)anthracene	1.03	mg/Kg	0.554	0.086	5	6/2/2015 16:44	BH	6/4/2015 23:30	BFM	
Benzo(a)pyrene	0.907	mg/Kg	0.554	0.118	5	6/2/2015 16:44	BH	6/4/2015 23:30	BFM	
Benzo(b)fluoranthene	1.33	mg/Kg	0.554	0.083	5	6/2/2015 16:44	BH	6/4/2015 23:30	BFM	
Benzo(g,h,i)perylene	0.810	mg/Kg	0.554	0.205	5	6/2/2015 16:44	BH	6/4/2015 23:30	BFM	
Benzo(k)fluoranthene	0.441i	mg/Kg	0.554	0.060	5	6/2/2015 16:44	BH	6/4/2015 23:30	BFM	
Chrysene	1.00	mg/Kg	0.554	0.113	5	6/2/2015 16:44	BH	6/4/2015 23:30	BFM	
Dibenzo(a,h)anthracene	0.383i	mg/Kg	0.554	0.203	5	6/2/2015 16:44	BH	6/4/2015 23:30	BFM	
Fluoranthene	2.53	mg/Kg	0.554	0.085	5	6/2/2015 16:44	BH	6/4/2015 23:30	BFM	
Fluorene	U	mg/Kg	0.554	0.147	5	6/2/2015 16:44	BH	6/4/2015 23:30	BFM	
Indeno(1,2,3-cd)pyrene	0.890	mg/Kg	0.554	0.106	5	6/2/2015 16:44	BH	6/4/2015 23:30	BFM	
Naphthalene	U	mg/Kg	0.554	0.151	5	6/2/2015 16:44	BH	6/4/2015 23:30	BFM	
Phenanthrene	1.83	mg/Kg	0.554	0.099	5	6/2/2015 16:44	BH	6/4/2015 23:30	BFM	
Pyrene	1.59	mg/Kg	0.554	0.123	5	6/2/2015 16:44	BH	6/4/2015 23:30	BFM	
Nitrobenzene-d5 (S)	41	%	20-120		5	6/2/2015 16:44	BH	6/4/2015 23:30	BFM	
2-Fluorobiphenyl (S)	46	%	30-115		5	6/2/2015 16:44	BH	6/4/2015 23:30	BFM	
p-Terphenyl-d14 (S)	68	%	15-140		5	6/2/2015 16:44	BH	6/4/2015 23:30	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	89.6	%	0.1		1			6/4/2015 11:19	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	217	mg/Kg	111	55.4	10	6/2/2015 16:13	BH	6/5/2015 07:55	BFM	
o-Terphenyl (S)	64	%	50-150		10	6/2/2015 16:13	BH	6/5/2015 07:55	BFM	
n-Triacontane-d62 (S)	94	%	50-150		10	6/2/2015 16:13	BH	6/5/2015 07:55	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	44	mg/Kg	0.56	0.11	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	
Nickel	10	mg/Kg	1.7	0.34	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962056**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-10-04**	Date Collected:	5/27/2015 12:22		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	6.8	mg/Kg	0.56	0.092	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	
Antimony	U	mg/Kg	0.56	0.065	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962057**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-10-06**	Date Collected:	5/27/2015 12:24		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.108	0.068	1	6/2/2015 16:44	BH	6/4/2015 23:56	BFM	
2-Methylnaphthalene	U	mg/Kg	0.108	0.041	1	6/2/2015 16:44	BH	6/4/2015 23:56	BFM	
Acenaphthene	U	mg/Kg	0.108	0.025	1	6/2/2015 16:44	BH	6/4/2015 23:56	BFM	
Acenaphthylene	U	mg/Kg	0.108	0.026	1	6/2/2015 16:44	BH	6/4/2015 23:56	BFM	
Anthracene	0.046i	mg/Kg	0.108	0.016	1	6/2/2015 16:44	BH	6/4/2015 23:56	BFM	
Benzo(a)anthracene	0.133	mg/Kg	0.108	0.017	1	6/2/2015 16:44	BH	6/4/2015 23:56	BFM	
Benzo(a)pyrene	0.133	mg/Kg	0.108	0.023	1	6/2/2015 16:44	BH	6/4/2015 23:56	BFM	
Benzo(b)fluoranthene	0.232	mg/Kg	0.108	0.016	1	6/2/2015 16:44	BH	6/4/2015 23:56	BFM	
Benzo(g,h,i)perylene	0.096i	mg/Kg	0.108	0.040	1	6/2/2015 16:44	BH	6/4/2015 23:56	BFM	
Benzo(k)fluoranthene	0.069i	mg/Kg	0.108	0.012	1	6/2/2015 16:44	BH	6/4/2015 23:56	BFM	
Chrysene	0.154	mg/Kg	0.108	0.022	1	6/2/2015 16:44	BH	6/4/2015 23:56	BFM	
Dibenzo(a,h)anthracene	U	mg/Kg	0.108	0.039	1	6/2/2015 16:44	BH	6/4/2015 23:56	BFM	
Fluoranthene	0.299	mg/Kg	0.108	0.017	1	6/2/2015 16:44	BH	6/4/2015 23:56	BFM	
Fluorene	U	mg/Kg	0.108	0.029	1	6/2/2015 16:44	BH	6/4/2015 23:56	BFM	
Indeno(1,2,3-cd)pyrene	0.115	mg/Kg	0.108	0.021	1	6/2/2015 16:44	BH	6/4/2015 23:56	BFM	
Naphthalene	U	mg/Kg	0.108	0.029	1	6/2/2015 16:44	BH	6/4/2015 23:56	BFM	
Phenanthrene	0.164	mg/Kg	0.108	0.019	1	6/2/2015 16:44	BH	6/4/2015 23:56	BFM	
Pyrene	0.211	mg/Kg	0.108	0.024	1	6/2/2015 16:44	BH	6/4/2015 23:56	BFM	
Nitrobenzene-d5 (S)	38	%	20-120		1	6/2/2015 16:44	BH	6/4/2015 23:56	BFM	
2-Fluorobiphenyl (S)	40	%	30-115		1	6/2/2015 16:44	BH	6/4/2015 23:56	BFM	
p-Terphenyl-d14 (S)	59	%	15-140		1	6/2/2015 16:44	BH	6/4/2015 23:56	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	92.5	%	0.1		1			6/4/2015 11:19	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	75.0	mg/Kg	43.0	21.5	4	6/2/2015 16:13	BH	6/5/2015 08:15	BFM	
o-Terphenyl (S)	56	%	50-150		4	6/2/2015 16:13	BH	6/5/2015 08:15	BFM	
n-Triacontane-d62 (S)	75	%	50-150		4	6/2/2015 16:13	BH	6/5/2015 08:15	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	28	mg/Kg	0.54	0.11	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	
Nickel	8.8	mg/Kg	1.7	0.33	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962057**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-10-06**	Date Collected:	5/27/2015 12:24		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	3.9	mg/Kg	0.54	0.089	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	
Antimony	0.11i	mg/Kg	0.54	0.063	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962058**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-10-08**	Date Collected:	5/27/2015 12:26		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.113	0.071	1	6/2/2015 16:44	BH	6/5/2015 00:21	BFM	
2-Methylnaphthalene	U	mg/Kg	0.113	0.043	1	6/2/2015 16:44	BH	6/5/2015 00:21	BFM	
Acenaphthene	0.074i	mg/Kg	0.113	0.027	1	6/2/2015 16:44	BH	6/5/2015 00:21	BFM	
Acenaphthylene	U	mg/Kg	0.113	0.027	1	6/2/2015 16:44	BH	6/5/2015 00:21	BFM	
Anthracene	0.315	mg/Kg	0.113	0.016	1	6/2/2015 16:44	BH	6/5/2015 00:21	BFM	
Benzo(a)anthracene	0.665	mg/Kg	0.113	0.017	1	6/2/2015 16:44	BH	6/5/2015 00:21	BFM	
Benzo(a)pyrene	0.515	mg/Kg	0.113	0.024	1	6/2/2015 16:44	BH	6/5/2015 00:21	BFM	
Benzo(b)fluoranthene	0.851	mg/Kg	0.113	0.017	1	6/2/2015 16:44	BH	6/5/2015 00:21	BFM	
Benzo(g,h,i)perylene	0.364	mg/Kg	0.113	0.042	1	6/2/2015 16:44	BH	6/5/2015 00:21	BFM	
Benzo(k)fluoranthene	0.331	mg/Kg	0.113	0.012	1	6/2/2015 16:44	BH	6/5/2015 00:21	BFM	
Chrysene	0.674	mg/Kg	0.113	0.023	1	6/2/2015 16:44	BH	6/5/2015 00:21	BFM	
Dibenzo(a,h)anthracene	0.130	mg/Kg	0.113	0.041	1	6/2/2015 16:44	BH	6/5/2015 00:21	BFM	
Fluoranthene	1.68	mg/Kg	0.113	0.017	1	6/2/2015 16:44	BH	6/5/2015 00:21	BFM	
Fluorene	0.050i	mg/Kg	0.113	0.030	1	6/2/2015 16:44	BH	6/5/2015 00:21	BFM	
Indeno(1,2,3-cd)pyrene	0.413	mg/Kg	0.113	0.022	1	6/2/2015 16:44	BH	6/5/2015 00:21	BFM	
Naphthalene	U	mg/Kg	0.113	0.031	1	6/2/2015 16:44	BH	6/5/2015 00:21	BFM	
Phenanthrene	1.00	mg/Kg	0.113	0.020	1	6/2/2015 16:44	BH	6/5/2015 00:21	BFM	
Pyrene	0.848	mg/Kg	0.113	0.025	1	6/2/2015 16:44	BH	6/5/2015 00:21	BFM	
Nitrobenzene-d5 (S)	46	%	20-120		1	6/2/2015 16:44	BH	6/5/2015 00:21	BFM	
2-Fluorobiphenyl (S)	46	%	30-115		1	6/2/2015 16:44	BH	6/5/2015 00:21	BFM	
p-Terphenyl-d14 (S)	54	%	15-140		1	6/2/2015 16:44	BH	6/5/2015 00:21	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	89.1	%	0.1		1			6/4/2015 11:19	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	132	mg/Kg	45.1	22.5	4	6/2/2015 16:13	BH	6/5/2015 08:36	BFM	
o-Terphenyl (S)	57	%	50-150		4	6/2/2015 16:13	BH	6/5/2015 08:36	BFM	
n-Triacontane-d62 (S)	79	%	50-150		4	6/2/2015 16:13	BH	6/5/2015 08:36	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	25	mg/Kg	0.56	0.11	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	
Nickel	7.5	mg/Kg	1.7	0.34	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962058**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-10-08**	Date Collected:	5/27/2015 12:26		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	2.1	mg/Kg	0.56	0.092	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	
Antimony	0.96	mg/Kg	0.56	0.065	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962059**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-10-10**	Date Collected:	5/27/2015 12:28		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.110	0.069	1	6/9/2015 15:10	BH	6/11/2015 04:57	BFM	
2-Methylnaphthalene	U	mg/Kg	0.110	0.042	1	6/9/2015 15:10	BH	6/11/2015 04:57	BFM	
Acenaphthene	0.122	mg/Kg	0.110	0.026	1	6/9/2015 15:10	BH	6/11/2015 04:57	BFM	
Acenaphthylene	U	mg/Kg	0.110	0.027	1	6/9/2015 15:10	BH	6/11/2015 04:57	BFM	
Anthracene	0.417	mg/Kg	0.110	0.016	1	6/9/2015 15:10	BH	6/11/2015 04:57	BFM	
Benzo(a)anthracene	0.939	mg/Kg	0.110	0.017	1	6/9/2015 15:10	BH	6/11/2015 04:57	BFM	
Benzo(a)pyrene	0.735	mg/Kg	0.110	0.023	1	6/9/2015 15:10	BH	6/11/2015 04:57	BFM	
Benzo(b)fluoranthene	1.17	mg/Kg	0.110	0.017	1	6/9/2015 15:10	BH	6/11/2015 04:57	BFM	
Benzo(g,h,i)perylene	0.393	mg/Kg	0.110	0.041	1	6/9/2015 15:10	BH	6/11/2015 04:57	BFM	
Benzo(k)fluoranthene	0.439	mg/Kg	0.110	0.012	1	6/9/2015 15:10	BH	6/11/2015 04:57	BFM	
Chrysene	0.939	mg/Kg	0.110	0.022	1	6/9/2015 15:10	BH	6/11/2015 04:57	BFM	
Dibenzo(a,h)anthracene	0.166	mg/Kg	0.110	0.040	1	6/9/2015 15:10	BH	6/11/2015 04:57	BFM	
Fluoranthene	2.06	mg/Kg	0.110	0.017	1	6/9/2015 15:10	BH	6/11/2015 04:57	BFM	
Fluorene	0.095i	mg/Kg	0.110	0.029	1	6/9/2015 15:10	BH	6/11/2015 04:57	BFM	
Indeno(1,2,3-cd)pyrene	0.487	mg/Kg	0.110	0.021	1	6/9/2015 15:10	BH	6/11/2015 04:57	BFM	
Naphthalene	U	mg/Kg	0.110	0.030	1	6/9/2015 15:10	BH	6/11/2015 04:57	BFM	
Phenanthrene	1.39	mg/Kg	0.110	0.020	1	6/9/2015 15:10	BH	6/11/2015 04:57	BFM	
Pyrene	1.44	mg/Kg	0.110	0.024	1	6/9/2015 15:10	BH	6/11/2015 04:57	BFM	
Nitrobenzene-d5 (S)	54	%	20-120		1	6/9/2015 15:10	BH	6/11/2015 04:57	BFM	
2-Fluorobiphenyl (S)	54	%	30-115		1	6/9/2015 15:10	BH	6/11/2015 04:57	BFM	
p-Terphenyl-d14 (S)	76	%	15-140		1	6/9/2015 15:10	BH	6/11/2015 04:57	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	87.7	%	0.1		1			6/9/2015 15:42	BH	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Arsenic	2.1	mg/Kg	0.57	0.093	2	6/9/2015 16:58	ZS	6/10/2015 11:28	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962060**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-11-0.5**	Date Collected:	5/27/2015 11:14		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.529	0.334	5	6/2/2015 16:44	BH	6/5/2015 00:47	BFM	
2-Methylnaphthalene	U	mg/Kg	0.529	0.202	5	6/2/2015 16:44	BH	6/5/2015 00:47	BFM	
Acenaphthene	U	mg/Kg	0.529	0.125	5	6/2/2015 16:44	BH	6/5/2015 00:47	BFM	
Acenaphthylene	U	mg/Kg	0.529	0.128	5	6/2/2015 16:44	BH	6/5/2015 00:47	BFM	
Anthracene	U	mg/Kg	0.529	0.077	5	6/2/2015 16:44	BH	6/5/2015 00:47	BFM	
Benzo(a)anthracene	0.542	mg/Kg	0.529	0.082	5	6/2/2015 16:44	BH	6/5/2015 00:47	BFM	
Benzo(a)pyrene	0.545	mg/Kg	0.529	0.112	5	6/2/2015 16:44	BH	6/5/2015 00:47	BFM	
Benzo(b)fluoranthene	1.01	mg/Kg	0.529	0.079	5	6/2/2015 16:44	BH	6/5/2015 00:47	BFM	
Benzo(g,h,i)perylene	0.640	mg/Kg	0.529	0.196	5	6/2/2015 16:44	BH	6/5/2015 00:47	BFM	
Benzo(k)fluoranthene	0.333i	mg/Kg	0.529	0.058	5	6/2/2015 16:44	BH	6/5/2015 00:47	BFM	
Chrysene	0.606	mg/Kg	0.529	0.108	5	6/2/2015 16:44	BH	6/5/2015 00:47	BFM	
Dibenzo(a,h)anthracene	U	mg/Kg	0.529	0.194	5	6/2/2015 16:44	BH	6/5/2015 00:47	BFM	
Fluoranthene	1.64	mg/Kg	0.529	0.081	5	6/2/2015 16:44	BH	6/5/2015 00:47	BFM	
Fluorene	U	mg/Kg	0.529	0.141	5	6/2/2015 16:44	BH	6/5/2015 00:47	BFM	
Indeno(1,2,3-cd)pyrene	0.617	mg/Kg	0.529	0.102	5	6/2/2015 16:44	BH	6/5/2015 00:47	BFM	
Naphthalene	U	mg/Kg	0.529	0.144	5	6/2/2015 16:44	BH	6/5/2015 00:47	BFM	
Phenanthrene	0.651	mg/Kg	0.529	0.094	5	6/2/2015 16:44	BH	6/5/2015 00:47	BFM	
Pyrene	0.751	mg/Kg	0.529	0.117	5	6/2/2015 16:44	BH	6/5/2015 00:47	BFM	
Nitrobenzene-d5 (S)	34	%	20-120		5	6/2/2015 16:44	BH	6/5/2015 00:47	BFM	
2-Fluorobiphenyl (S)	46	%	30-115		5	6/2/2015 16:44	BH	6/5/2015 00:47	BFM	
p-Terphenyl-d14 (S)	58	%	15-140		5	6/2/2015 16:44	BH	6/5/2015 00:47	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	94.2	%	0.1		1			6/4/2015 11:19	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	206	mg/Kg	106	52.9	10	6/2/2015 16:13	BH	6/5/2015 08:57	BFM	
o-Terphenyl (S)	61	%	50-150		10	6/2/2015 16:13	BH	6/5/2015 08:57	BFM	
n-Triacontane-d62 (S)	94	%	50-150		10	6/2/2015 16:13	BH	6/5/2015 08:57	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	50	mg/Kg	0.53	0.10	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	
Nickel	14	mg/Kg	1.6	0.32	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962060**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-11-0.5**	Date Collected:	5/27/2015 11:14		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	25	mg/Kg	0.53	0.087	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	
Antimony	0.89	mg/Kg	0.53	0.062	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962061**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-11-02**	Date Collected:	5/27/2015 11:16		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.556	0.351	5	6/2/2015 16:44	BH	6/5/2015 01:13	BFM	
2-Methylnaphthalene	U	mg/Kg	0.556	0.212	5	6/2/2015 16:44	BH	6/5/2015 01:13	BFM	
Acenaphthene	U	mg/Kg	0.556	0.131	5	6/2/2015 16:44	BH	6/5/2015 01:13	BFM	
Acenaphthylene	U	mg/Kg	0.556	0.134	5	6/2/2015 16:44	BH	6/5/2015 01:13	BFM	
Anthracene	U	mg/Kg	0.556	0.081	5	6/2/2015 16:44	BH	6/5/2015 01:13	BFM	
Benzo(a)anthracene	0.434i	mg/Kg	0.556	0.086	5	6/2/2015 16:44	BH	6/5/2015 01:13	BFM	
Benzo(a)pyrene	0.553i	mg/Kg	0.556	0.118	5	6/2/2015 16:44	BH	6/5/2015 01:13	BFM	
Benzo(b)fluoranthene	0.943	mg/Kg	0.556	0.083	5	6/2/2015 16:44	BH	6/5/2015 01:13	BFM	
Benzo(g,h,i)perylene	0.578	mg/Kg	0.556	0.206	5	6/2/2015 16:44	BH	6/5/2015 01:13	BFM	
Benzo(k)fluoranthene	0.256i	mg/Kg	0.556	0.061	5	6/2/2015 16:44	BH	6/5/2015 01:13	BFM	
Chrysene	0.545i	mg/Kg	0.556	0.113	5	6/2/2015 16:44	BH	6/5/2015 01:13	BFM	
Dibenzo(a,h)anthracene	U	mg/Kg	0.556	0.204	5	6/2/2015 16:44	BH	6/5/2015 01:13	BFM	
Fluoranthene	1.15	mg/Kg	0.556	0.086	5	6/2/2015 16:44	BH	6/5/2015 01:13	BFM	
Fluorene	U	mg/Kg	0.556	0.148	5	6/2/2015 16:44	BH	6/5/2015 01:13	BFM	
Indeno(1,2,3-cd)pyrene	0.595	mg/Kg	0.556	0.107	5	6/2/2015 16:44	BH	6/5/2015 01:13	BFM	
Naphthalene	U	mg/Kg	0.556	0.151	5	6/2/2015 16:44	BH	6/5/2015 01:13	BFM	
Phenanthrene	0.275i	mg/Kg	0.556	0.099	5	6/2/2015 16:44	BH	6/5/2015 01:13	BFM	
Pyrene	0.651	mg/Kg	0.556	0.123	5	6/2/2015 16:44	BH	6/5/2015 01:13	BFM	
Nitrobenzene-d5 (S)	28	%	20-120		5	6/2/2015 16:44	BH	6/5/2015 01:13	BFM	
2-Fluorobiphenyl (S)	45	%	30-115		5	6/2/2015 16:44	BH	6/5/2015 01:13	BFM	
p-Terphenyl-d14 (S)	55	%	15-140		5	6/2/2015 16:44	BH	6/5/2015 01:13	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	89.8	%	0.1		1			6/4/2015 11:19	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	173	mg/Kg	111	55.6	10	6/2/2015 16:13	BH	6/5/2015 10:01	BFM	
o-Terphenyl (S)	65	%	50-150		10	6/2/2015 16:13	BH	6/5/2015 10:01	BFM	
n-Triacontane-d62 (S)	88	%	50-150		10	6/2/2015 16:13	BH	6/5/2015 10:01	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	53	mg/Kg	0.56	0.11	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	
Nickel	18	mg/Kg	1.7	0.34	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962061**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-11-02**	Date Collected:	5/27/2015 11:16		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	9.8	mg/Kg	0.56	0.091	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	
Antimony	0.33i	mg/Kg	0.56	0.065	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID: **1541962062** Date Received: 5/29/2015 17:20 Matrix: Soil/Solid

Sample ID: **CA-11-04** Date Collected: 5/27/2015 11:18

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.109	0.069	1	6/2/2015 16:44	BH	6/5/2015 01:38	BFM	
2-Methylnaphthalene	U	mg/Kg	0.109	0.042	1	6/2/2015 16:44	BH	6/5/2015 01:38	BFM	
Acenaphthene	U	mg/Kg	0.109	0.026	1	6/2/2015 16:44	BH	6/5/2015 01:38	BFM	
Acenaphthylene	U	mg/Kg	0.109	0.026	1	6/2/2015 16:44	BH	6/5/2015 01:38	BFM	
Anthracene	U	mg/Kg	0.109	0.016	1	6/2/2015 16:44	BH	6/5/2015 01:38	BFM	
Benzo(a)anthracene	U	mg/Kg	0.109	0.017	1	6/2/2015 16:44	BH	6/5/2015 01:38	BFM	
Benzo(a)pyrene	U	mg/Kg	0.109	0.023	1	6/2/2015 16:44	BH	6/5/2015 01:38	BFM	
Benzo(b)fluoranthene	U	mg/Kg	0.109	0.016	1	6/2/2015 16:44	BH	6/5/2015 01:38	BFM	
Benzo(g,h,i)perylene	U	mg/Kg	0.109	0.040	1	6/2/2015 16:44	BH	6/5/2015 01:38	BFM	
Benzo(k)fluoranthene	U	mg/Kg	0.109	0.012	1	6/2/2015 16:44	BH	6/5/2015 01:38	BFM	
Chrysene	U	mg/Kg	0.109	0.022	1	6/2/2015 16:44	BH	6/5/2015 01:38	BFM	
Dibenzo(a,h)anthracene	U	mg/Kg	0.109	0.040	1	6/2/2015 16:44	BH	6/5/2015 01:38	BFM	
Fluoranthene	U	mg/Kg	0.109	0.017	1	6/2/2015 16:44	BH	6/5/2015 01:38	BFM	
Fluorene	U	mg/Kg	0.109	0.029	1	6/2/2015 16:44	BH	6/5/2015 01:38	BFM	
Indeno(1,2,3-cd)pyrene	U	mg/Kg	0.109	0.021	1	6/2/2015 16:44	BH	6/5/2015 01:38	BFM	
Naphthalene	U	mg/Kg	0.109	0.030	1	6/2/2015 16:44	BH	6/5/2015 01:38	BFM	
Phenanthrene	U	mg/Kg	0.109	0.019	1	6/2/2015 16:44	BH	6/5/2015 01:38	BFM	
Pyrene	U	mg/Kg	0.109	0.024	1	6/2/2015 16:44	BH	6/5/2015 01:38	BFM	
Nitrobenzene-d5 (S)	48	%	20-120		1	6/2/2015 16:44	BH	6/5/2015 01:38	BFM	
2-Fluorobiphenyl (S)	51	%	30-115		1	6/2/2015 16:44	BH	6/5/2015 01:38	BFM	
p-Terphenyl-d14 (S)	57	%	15-140		1	6/2/2015 16:44	BH	6/5/2015 01:38	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	90.8	%	0.1		1			6/4/2015 11:19	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	63.1	mg/Kg	43.8	21.9	4	6/2/2015 16:13	BH	6/5/2015 10:23	BFM	
o-Terphenyl (S)	66	%	50-150		4	6/2/2015 16:13	BH	6/5/2015 10:23	BFM	
n-Triacontane-d62 (S)	83	%	50-150		4	6/2/2015 16:13	BH	6/5/2015 10:23	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	21	mg/Kg	0.55	0.11	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	
Nickel	6.1	mg/Kg	1.7	0.34	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962062**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-11-04**	Date Collected:	5/27/2015 11:18		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	5.9	mg/Kg	0.55	0.090	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	
Antimony	0.31i	mg/Kg	0.55	0.064	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962063**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-11-06**	Date Collected:	5/27/2015 11:20		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.547	0.345	5	6/2/2015 16:44	BH	6/5/2015 02:04	BFM	
2-Methylnaphthalene	U	mg/Kg	0.547	0.209	5	6/2/2015 16:44	BH	6/5/2015 02:04	BFM	
Acenaphthene	0.520i	mg/Kg	0.547	0.129	5	6/2/2015 16:44	BH	6/5/2015 02:04	BFM	
Acenaphthylene	U	mg/Kg	0.547	0.132	5	6/2/2015 16:44	BH	6/5/2015 02:04	BFM	
Anthracene	2.89	mg/Kg	0.547	0.079	5	6/2/2015 16:44	BH	6/5/2015 02:04	BFM	
Benzo(a)anthracene	5.80	mg/Kg	0.547	0.085	5	6/2/2015 16:44	BH	6/5/2015 02:04	BFM	
Benzo(a)pyrene	4.68	mg/Kg	0.547	0.116	5	6/2/2015 16:44	BH	6/5/2015 02:04	BFM	
Benzo(b)fluoranthene	6.75	mg/Kg	0.547	0.082	5	6/2/2015 16:44	BH	6/5/2015 02:04	BFM	
Benzo(g,h,i)perylene	2.43	mg/Kg	0.547	0.202	5	6/2/2015 16:44	BH	6/5/2015 02:04	BFM	
Benzo(k)fluoranthene	2.66	mg/Kg	0.547	0.060	5	6/2/2015 16:44	BH	6/5/2015 02:04	BFM	
Chrysene	5.48	mg/Kg	0.547	0.112	5	6/2/2015 16:44	BH	6/5/2015 02:04	BFM	
Dibenzo(a,h)anthracene	0.922	mg/Kg	0.547	0.200	5	6/2/2015 16:44	BH	6/5/2015 02:04	BFM	
Fluoranthene	11.7	mg/Kg	0.547	0.084	5	6/2/2015 16:44	BH	6/5/2015 02:04	BFM	
Fluorene	0.678	mg/Kg	0.547	0.146	5	6/2/2015 16:44	BH	6/5/2015 02:04	BFM	
Indeno(1,2,3-cd)pyrene	2.90	mg/Kg	0.547	0.105	5	6/2/2015 16:44	BH	6/5/2015 02:04	BFM	
Naphthalene	U	mg/Kg	0.547	0.149	5	6/2/2015 16:44	BH	6/5/2015 02:04	BFM	
Phenanthrene	7.29	mg/Kg	0.547	0.097	5	6/2/2015 16:44	BH	6/5/2015 02:04	BFM	
Pyrene	7.45	mg/Kg	0.547	0.121	5	6/2/2015 16:44	BH	6/5/2015 02:04	BFM	
Nitrobenzene-d5 (S)	33	%	20-120		5	6/2/2015 16:44	BH	6/5/2015 02:04	BFM	
2-Fluorobiphenyl (S)	44	%	30-115		5	6/2/2015 16:44	BH	6/5/2015 02:04	BFM	
p-Terphenyl-d14 (S)	62	%	15-140		5	6/2/2015 16:44	BH	6/5/2015 02:04	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	91.0	%	0.1		1			6/4/2015 11:19	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	261	mg/Kg	109	54.7	10	6/2/2015 16:13	BH	6/8/2015 10:24	BFM	
o-Terphenyl (S)	43	%	50-150		10	6/2/2015 16:13	BH	6/8/2015 10:24	BFM	J2d
n-Triacontane-d62 (S)	142	%	50-150		10	6/2/2015 16:13	BH	6/8/2015 10:24	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	40	mg/Kg	0.55	0.11	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	
Nickel	12	mg/Kg	1.7	0.34	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962063**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-11-06**	Date Collected:	5/27/2015 11:20		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	5.3	mg/Kg	0.55	0.090	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	
Antimony	0.38i	mg/Kg	0.55	0.064	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962064**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-11-08**	Date Collected:	5/27/2015 11:22		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.115	0.072	1	6/2/2015 16:44	BH	6/5/2015 02:30	BFM	
2-Methylnaphthalene	U	mg/Kg	0.115	0.044	1	6/2/2015 16:44	BH	6/5/2015 02:30	BFM	
Acenaphthene	0.161	mg/Kg	0.115	0.027	1	6/2/2015 16:44	BH	6/5/2015 02:30	BFM	
Acenaphthylene	U	mg/Kg	0.115	0.028	1	6/2/2015 16:44	BH	6/5/2015 02:30	BFM	
Anthracene	0.407	mg/Kg	0.115	0.017	1	6/2/2015 16:44	BH	6/5/2015 02:30	BFM	
Benzo(a)anthracene	0.902	mg/Kg	0.115	0.018	1	6/2/2015 16:44	BH	6/5/2015 02:30	BFM	
Benzo(a)pyrene	0.806	mg/Kg	0.115	0.024	1	6/2/2015 16:44	BH	6/5/2015 02:30	BFM	
Benzo(b)fluoranthene	1.32	mg/Kg	0.115	0.017	1	6/2/2015 16:44	BH	6/5/2015 02:30	BFM	
Benzo(g,h,i)perylene	0.491	mg/Kg	0.115	0.042	1	6/2/2015 16:44	BH	6/5/2015 02:30	BFM	
Benzo(k)fluoranthene	0.483	mg/Kg	0.115	0.012	1	6/2/2015 16:44	BH	6/5/2015 02:30	BFM	
Chrysene	0.983	mg/Kg	0.115	0.023	1	6/2/2015 16:44	BH	6/5/2015 02:30	BFM	
Dibenzo(a,h)anthracene	0.165	mg/Kg	0.115	0.042	1	6/2/2015 16:44	BH	6/5/2015 02:30	BFM	
Fluoranthene	2.19	mg/Kg	0.115	0.018	1	6/2/2015 16:44	BH	6/5/2015 02:30	BFM	
Fluorene	0.122	mg/Kg	0.115	0.030	1	6/2/2015 16:44	BH	6/5/2015 02:30	BFM	
Indeno(1,2,3-cd)pyrene	0.561	mg/Kg	0.115	0.022	1	6/2/2015 16:44	BH	6/5/2015 02:30	BFM	
Naphthalene	U	mg/Kg	0.115	0.031	1	6/2/2015 16:44	BH	6/5/2015 02:30	BFM	
Phenanthrene	1.30	mg/Kg	0.115	0.020	1	6/2/2015 16:44	BH	6/5/2015 02:30	BFM	
Pyrene	1.36	mg/Kg	0.115	0.025	1	6/2/2015 16:44	BH	6/5/2015 02:30	BFM	
Nitrobenzene-d5 (S)	46	%	20-120		1	6/2/2015 16:44	BH	6/5/2015 02:30	BFM	
2-Fluorobiphenyl (S)	50	%	30-115		1	6/2/2015 16:44	BH	6/5/2015 02:30	BFM	
p-Terphenyl-d14 (S)	62	%	15-140		1	6/2/2015 16:44	BH	6/5/2015 02:30	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	87.1	%	0.1		1			6/4/2015 11:19	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	92.8	mg/Kg	45.8	22.9	4	6/2/2015 16:13	BH	6/5/2015 11:05	BFM	
o-Terphenyl (S)	68	%	50-150		4	6/2/2015 16:13	BH	6/5/2015 11:05	BFM	
n-Triacontane-d62 (S)	83	%	50-150		4	6/2/2015 16:13	BH	6/5/2015 11:05	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	31	mg/Kg	0.57	0.11	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	
Nickel	9.1	mg/Kg	1.8	0.35	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962064**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-11-08**	Date Collected:	5/27/2015 11:22		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	7.3	mg/Kg	0.57	0.094	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	
Antimony	0.36i	mg/Kg	0.57	0.067	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID: **1541962065** Date Received: 5/29/2015 17:20 Matrix: Soil/Solid

Sample ID: **CA-12-0.5** Date Collected: 5/27/2015 13:20

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.543	0.343	5	6/2/2015 16:44	BH	6/5/2015 02:56	BFM	
2-Methylnaphthalene	U	mg/Kg	0.543	0.208	5	6/2/2015 16:44	BH	6/5/2015 02:56	BFM	
Acenaphthene	U	mg/Kg	0.543	0.128	5	6/2/2015 16:44	BH	6/5/2015 02:56	BFM	
Acenaphthylene	U	mg/Kg	0.543	0.131	5	6/2/2015 16:44	BH	6/5/2015 02:56	BFM	
Anthracene	U	mg/Kg	0.543	0.079	5	6/2/2015 16:44	BH	6/5/2015 02:56	BFM	
Benzo(a)anthracene	0.302i	mg/Kg	0.543	0.084	5	6/2/2015 16:44	BH	6/5/2015 02:56	BFM	
Benzo(a)pyrene	0.310i	mg/Kg	0.543	0.115	5	6/2/2015 16:44	BH	6/5/2015 02:56	BFM	
Benzo(b)fluoranthene	0.459i	mg/Kg	0.543	0.082	5	6/2/2015 16:44	BH	6/5/2015 02:56	BFM	
Benzo(g,h,i)perylene	0.497i	mg/Kg	0.543	0.201	5	6/2/2015 16:44	BH	6/5/2015 02:56	BFM	
Benzo(k)fluoranthene	0.144i	mg/Kg	0.543	0.059	5	6/2/2015 16:44	BH	6/5/2015 02:56	BFM	
Chrysene	0.277i	mg/Kg	0.543	0.111	5	6/2/2015 16:44	BH	6/5/2015 02:56	BFM	
Dibenzo(a,h)anthracene	U	mg/Kg	0.543	0.199	5	6/2/2015 16:44	BH	6/5/2015 02:56	BFM	
Fluoranthene	0.524i	mg/Kg	0.543	0.084	5	6/2/2015 16:44	BH	6/5/2015 02:56	BFM	
Fluorene	U	mg/Kg	0.543	0.145	5	6/2/2015 16:44	BH	6/5/2015 02:56	BFM	
Indeno(1,2,3-cd)pyrene	0.503i	mg/Kg	0.543	0.104	5	6/2/2015 16:44	BH	6/5/2015 02:56	BFM	
Naphthalene	U	mg/Kg	0.543	0.148	5	6/2/2015 16:44	BH	6/5/2015 02:56	BFM	
Phenanthrene	U	mg/Kg	0.543	0.097	5	6/2/2015 16:44	BH	6/5/2015 02:56	BFM	
Pyrene	0.361i	mg/Kg	0.543	0.120	5	6/2/2015 16:44	BH	6/5/2015 02:56	BFM	
Nitrobenzene-d5 (S)	35	%	20-120		5	6/2/2015 16:44	BH	6/5/2015 02:56	BFM	
2-Fluorobiphenyl (S)	44	%	30-115		5	6/2/2015 16:44	BH	6/5/2015 02:56	BFM	
p-Terphenyl-d14 (S)	56	%	15-140		5	6/2/2015 16:44	BH	6/5/2015 02:56	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	92.2	%	0.1		1			6/4/2015 11:19	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	214	mg/Kg	109	54.3	10	6/2/2015 16:13	BH	6/5/2015 11:26	BFM	
o-Terphenyl (S)	63	%	50-150		10	6/2/2015 16:13	BH	6/5/2015 11:26	BFM	
n-Triacontane-d62 (S)	83	%	50-150		10	6/2/2015 16:13	BH	6/5/2015 11:26	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	69	mg/Kg	0.54	0.11	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	
Nickel	21	mg/Kg	1.7	0.33	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962065**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-12-0.5**	Date Collected:	5/27/2015 13:20		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	3.0	mg/Kg	0.54	0.089	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	
Antimony	1.5	mg/Kg	0.54	0.063	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID: **1541962066** Date Received: 5/29/2015 17:20 Matrix: Soil/Solid

Sample ID: **CA-12-02** Date Collected: 5/27/2015 13:22

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.107	0.068	1	6/2/2015 16:44	BH	6/4/2015 13:48	BFM	
2-Methylnaphthalene	U	mg/Kg	0.107	0.041	1	6/2/2015 16:44	BH	6/4/2015 13:48	BFM	
Acenaphthene	U	mg/Kg	0.107	0.025	1	6/2/2015 16:44	BH	6/4/2015 13:48	BFM	
Acenaphthylene	U	mg/Kg	0.107	0.026	1	6/2/2015 16:44	BH	6/4/2015 13:48	BFM	
Anthracene	U	mg/Kg	0.107	0.016	1	6/2/2015 16:44	BH	6/4/2015 13:48	BFM	
Benzo(a)anthracene	U	mg/Kg	0.107	0.017	1	6/2/2015 16:44	BH	6/4/2015 13:48	BFM	
Benzo(a)pyrene	U	mg/Kg	0.107	0.023	1	6/2/2015 16:44	BH	6/4/2015 13:48	BFM	
Benzo(b)fluoranthene	U	mg/Kg	0.107	0.016	1	6/2/2015 16:44	BH	6/4/2015 13:48	BFM	
Benzo(g,h,i)perylene	U	mg/Kg	0.107	0.040	1	6/2/2015 16:44	BH	6/4/2015 13:48	BFM	
Benzo(k)fluoranthene	U	mg/Kg	0.107	0.012	1	6/2/2015 16:44	BH	6/4/2015 13:48	BFM	
Chrysene	U	mg/Kg	0.107	0.022	1	6/2/2015 16:44	BH	6/4/2015 13:48	BFM	
Dibenzo(a,h)anthracene	U	mg/Kg	0.107	0.039	1	6/2/2015 16:44	BH	6/4/2015 13:48	BFM	
Fluoranthene	U	mg/Kg	0.107	0.017	1	6/2/2015 16:44	BH	6/4/2015 13:48	BFM	
Fluorene	U	mg/Kg	0.107	0.029	1	6/2/2015 16:44	BH	6/4/2015 13:48	BFM	
Indeno(1,2,3-cd)pyrene	U	mg/Kg	0.107	0.021	1	6/2/2015 16:44	BH	6/4/2015 13:48	BFM	
Naphthalene	U	mg/Kg	0.107	0.029	1	6/2/2015 16:44	BH	6/4/2015 13:48	BFM	
Phenanthrene	U	mg/Kg	0.107	0.019	1	6/2/2015 16:44	BH	6/4/2015 13:48	BFM	
Pyrene	U	mg/Kg	0.107	0.024	1	6/2/2015 16:44	BH	6/4/2015 13:48	BFM	
Nitrobenzene-d5 (S)	53	%	20-120		1	6/2/2015 16:44	BH	6/4/2015 13:48	BFM	
2-Fluorobiphenyl (S)	53	%	30-115		1	6/2/2015 16:44	BH	6/4/2015 13:48	BFM	
p-Terphenyl-d14 (S)	60	%	15-140		1	6/2/2015 16:44	BH	6/4/2015 13:48	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	92.8	%	0.1		1			6/4/2015 11:19	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	U	mg/Kg	21.5	10.7	2	6/2/2015 16:13	BH	6/4/2015 16:05	BFM	
o-Terphenyl (S)	63	%	50-150		2	6/2/2015 16:13	BH	6/4/2015 16:05	BFM	
n-Triacontane-d62 (S)	72	%	50-150		2	6/2/2015 16:13	BH	6/4/2015 16:05	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	7.6	mg/Kg	0.54	0.11	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	
Nickel	2.5	mg/Kg	1.6	0.33	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962066**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-12-02**	Date Collected:	5/27/2015 13:22		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	0.95	mg/Kg	0.54	0.088	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	
Antimony	U	mg/Kg	0.54	0.063	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962067**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-12-04**	Date Collected:	5/27/2015 13:24		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.109	0.069	1	6/2/2015 16:44	BH	6/4/2015 14:13	BFM	
2-Methylnaphthalene	U	mg/Kg	0.109	0.042	1	6/2/2015 16:44	BH	6/4/2015 14:13	BFM	
Acenaphthene	U	mg/Kg	0.109	0.026	1	6/2/2015 16:44	BH	6/4/2015 14:13	BFM	
Acenaphthylene	U	mg/Kg	0.109	0.026	1	6/2/2015 16:44	BH	6/4/2015 14:13	BFM	
Anthracene	U	mg/Kg	0.109	0.016	1	6/2/2015 16:44	BH	6/4/2015 14:13	BFM	
Benzo(a)anthracene	U	mg/Kg	0.109	0.017	1	6/2/2015 16:44	BH	6/4/2015 14:13	BFM	
Benzo(a)pyrene	U	mg/Kg	0.109	0.023	1	6/2/2015 16:44	BH	6/4/2015 14:13	BFM	
Benzo(b)fluoranthene	U	mg/Kg	0.109	0.016	1	6/2/2015 16:44	BH	6/4/2015 14:13	BFM	
Benzo(g,h,i)perylene	U	mg/Kg	0.109	0.040	1	6/2/2015 16:44	BH	6/4/2015 14:13	BFM	
Benzo(k)fluoranthene	U	mg/Kg	0.109	0.012	1	6/2/2015 16:44	BH	6/4/2015 14:13	BFM	
Chrysene	U	mg/Kg	0.109	0.022	1	6/2/2015 16:44	BH	6/4/2015 14:13	BFM	
Dibenzo(a,h)anthracene	U	mg/Kg	0.109	0.040	1	6/2/2015 16:44	BH	6/4/2015 14:13	BFM	
Fluoranthene	U	mg/Kg	0.109	0.017	1	6/2/2015 16:44	BH	6/4/2015 14:13	BFM	
Fluorene	U	mg/Kg	0.109	0.029	1	6/2/2015 16:44	BH	6/4/2015 14:13	BFM	
Indeno(1,2,3-cd)pyrene	U	mg/Kg	0.109	0.021	1	6/2/2015 16:44	BH	6/4/2015 14:13	BFM	
Naphthalene	U	mg/Kg	0.109	0.030	1	6/2/2015 16:44	BH	6/4/2015 14:13	BFM	
Phenanthrene	U	mg/Kg	0.109	0.019	1	6/2/2015 16:44	BH	6/4/2015 14:13	BFM	
Pyrene	U	mg/Kg	0.109	0.024	1	6/2/2015 16:44	BH	6/4/2015 14:13	BFM	
Nitrobenzene-d5 (S)	52	%	20-120		1	6/2/2015 16:44	BH	6/4/2015 14:13	BFM	
2-Fluorobiphenyl (S)	54	%	30-115		1	6/2/2015 16:44	BH	6/4/2015 14:13	BFM	
p-Terphenyl-d14 (S)	63	%	15-140		1	6/2/2015 16:44	BH	6/4/2015 14:13	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	91.7	%	0.1		1			6/4/2015 11:19	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	16.8i	mg/Kg	21.9	10.9	2	6/2/2015 16:13	BH	6/4/2015 16:26	BFM	
o-Terphenyl (S)	66	%	50-150		2	6/2/2015 16:13	BH	6/4/2015 16:26	BFM	
n-Triacontane-d62 (S)	75	%	50-150		2	6/2/2015 16:13	BH	6/4/2015 16:26	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	9.8	mg/Kg	0.55	0.11	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	
Nickel	2.4	mg/Kg	1.7	0.33	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962067**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-12-04**	Date Collected:	5/27/2015 13:24		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	1.7	mg/Kg	0.55	0.089	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	
Antimony	U	mg/Kg	0.55	0.063	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID: **1541962068** Date Received: 5/29/2015 17:20 Matrix: Soil/Solid

Sample ID: **CA-12-06** Date Collected: 5/27/2015 13:26

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.111	0.070	1	6/2/2015 16:44	BH	6/5/2015 03:21	BFM	
2-Methylnaphthalene	U	mg/Kg	0.111	0.042	1	6/2/2015 16:44	BH	6/5/2015 03:21	BFM	
Acenaphthene	0.137	mg/Kg	0.111	0.026	1	6/2/2015 16:44	BH	6/5/2015 03:21	BFM	
Acenaphthylene	U	mg/Kg	0.111	0.027	1	6/2/2015 16:44	BH	6/5/2015 03:21	BFM	
Anthracene	0.527	mg/Kg	0.111	0.016	1	6/2/2015 16:44	BH	6/5/2015 03:21	BFM	
Benzo(a)anthracene	1.18	mg/Kg	0.111	0.017	1	6/2/2015 16:44	BH	6/5/2015 03:21	BFM	
Benzo(a)pyrene	0.995	mg/Kg	0.111	0.023	1	6/2/2015 16:44	BH	6/5/2015 03:21	BFM	
Benzo(b)fluoranthene	1.56	mg/Kg	0.111	0.017	1	6/2/2015 16:44	BH	6/5/2015 03:21	BFM	
Benzo(g,h,i)perylene	0.685	mg/Kg	0.111	0.041	1	6/2/2015 16:44	BH	6/5/2015 03:21	BFM	
Benzo(k)fluoranthene	0.539	mg/Kg	0.111	0.012	1	6/2/2015 16:44	BH	6/5/2015 03:21	BFM	
Chrysene	1.17	mg/Kg	0.111	0.023	1	6/2/2015 16:44	BH	6/5/2015 03:21	BFM	
Dibenzo(a,h)anthracene	0.214	mg/Kg	0.111	0.041	1	6/2/2015 16:44	BH	6/5/2015 03:21	BFM	
Fluoranthene	3.32	mg/Kg	0.111	0.017	1	6/2/2015 16:44	BH	6/5/2015 03:21	BFM	
Fluorene	0.094i	mg/Kg	0.111	0.029	1	6/2/2015 16:44	BH	6/5/2015 03:21	BFM	
Indeno(1,2,3-cd)pyrene	0.764	mg/Kg	0.111	0.021	1	6/2/2015 16:44	BH	6/5/2015 03:21	BFM	
Naphthalene	U	mg/Kg	0.111	0.030	1	6/2/2015 16:44	BH	6/5/2015 03:21	BFM	
Phenanthrene	1.81	mg/Kg	0.111	0.020	1	6/2/2015 16:44	BH	6/5/2015 03:21	BFM	
Pyrene	1.44	mg/Kg	0.111	0.024	1	6/2/2015 16:44	BH	6/5/2015 03:21	BFM	
Nitrobenzene-d5 (S)	48	%	20-120		1	6/2/2015 16:44	BH	6/5/2015 03:21	BFM	
2-Fluorobiphenyl (S)	51	%	30-115		1	6/2/2015 16:44	BH	6/5/2015 03:21	BFM	
p-Terphenyl-d14 (S)	55	%	15-140		1	6/2/2015 16:44	BH	6/5/2015 03:21	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	90.3	%	0.1		1			6/4/2015 11:19	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	146	mg/Kg	44.3	22.2	4	6/2/2015 16:13	BH	6/5/2015 11:48	BFM	
o-Terphenyl (S)	55	%	50-150		4	6/2/2015 16:13	BH	6/5/2015 11:48	BFM	
n-Triacontane-d62 (S)	78	%	50-150		4	6/2/2015 16:13	BH	6/5/2015 11:48	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	39	mg/Kg	0.55	0.11	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	
Nickel	39	mg/Kg	1.7	0.34	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962068**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-12-06**	Date Collected:	5/27/2015 13:26		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	2.5	mg/Kg	0.55	0.091	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	
Antimony	U	mg/Kg	0.55	0.064	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962069**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-12-08**	Date Collected:	5/27/2015 13:28		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.113	0.071	1	6/2/2015 16:44	BH	6/5/2015 03:47	BFM	
2-Methylnaphthalene	U	mg/Kg	0.113	0.043	1	6/2/2015 16:44	BH	6/5/2015 03:47	BFM	
Acenaphthene	0.157	mg/Kg	0.113	0.027	1	6/2/2015 16:44	BH	6/5/2015 03:47	BFM	
Acenaphthylene	U	mg/Kg	0.113	0.027	1	6/2/2015 16:44	BH	6/5/2015 03:47	BFM	
Anthracene	1.01	mg/Kg	0.113	0.016	1	6/2/2015 16:44	BH	6/5/2015 03:47	BFM	
Benzo(a)anthracene	2.29	mg/Kg	0.113	0.017	1	6/2/2015 16:44	BH	6/5/2015 03:47	BFM	
Benzo(a)pyrene	1.96	mg/Kg	0.113	0.024	1	6/2/2015 16:44	BH	6/5/2015 03:47	BFM	
Benzo(b)fluoranthene	2.90	mg/Kg	0.113	0.017	1	6/2/2015 16:44	BH	6/5/2015 03:47	BFM	
Benzo(g,h,i)perylene	1.17	mg/Kg	0.113	0.042	1	6/2/2015 16:44	BH	6/5/2015 03:47	BFM	
Benzo(k)fluoranthene	1.19	mg/Kg	0.113	0.012	1	6/2/2015 16:44	BH	6/5/2015 03:47	BFM	
Chrysene	2.14	mg/Kg	0.113	0.023	1	6/2/2015 16:44	BH	6/5/2015 03:47	BFM	
Dibenzo(a,h)anthracene	0.422	mg/Kg	0.113	0.041	1	6/2/2015 16:44	BH	6/5/2015 03:47	BFM	
Fluoranthene	5.56	mg/Kg	0.113	0.017	1	6/2/2015 16:44	BH	6/5/2015 03:47	BFM	
Fluorene	0.137	mg/Kg	0.113	0.030	1	6/2/2015 16:44	BH	6/5/2015 03:47	BFM	
Indeno(1,2,3-cd)pyrene	1.35	mg/Kg	0.113	0.022	1	6/2/2015 16:44	BH	6/5/2015 03:47	BFM	
Naphthalene	U	mg/Kg	0.113	0.031	1	6/2/2015 16:44	BH	6/5/2015 03:47	BFM	
Phenanthrene	2.69	mg/Kg	0.113	0.020	1	6/2/2015 16:44	BH	6/5/2015 03:47	BFM	
Pyrene	3.07	mg/Kg	0.113	0.025	1	6/2/2015 16:44	BH	6/5/2015 03:47	BFM	
Nitrobenzene-d5 (S)	51	%	20-120		1	6/2/2015 16:44	BH	6/5/2015 03:47	BFM	
2-Fluorobiphenyl (S)	50	%	30-115		1	6/2/2015 16:44	BH	6/5/2015 03:47	BFM	
p-Terphenyl-d14 (S)	60	%	15-140		1	6/2/2015 16:44	BH	6/5/2015 03:47	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	88.3	%	0.1		1			6/4/2015 11:19	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	211	mg/Kg	45.1	22.6	4	6/2/2015 16:13	BH	6/5/2015 12:09	BFM	
o-Terphenyl (S)	70	%	50-150		4	6/2/2015 16:13	BH	6/5/2015 12:09	BFM	
n-Triacontane-d62 (S)	99	%	50-150		4	6/2/2015 16:13	BH	6/5/2015 12:09	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	52	mg/Kg	0.57	0.11	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	
Nickel	18	mg/Kg	1.7	0.35	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962069**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-12-08**	Date Collected:	5/27/2015 13:28		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	3.0	mg/Kg	0.57	0.093	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	
Antimony	0.068i	mg/Kg	0.57	0.066	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962070**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-12-10**	Date Collected:	5/27/2015 13:30		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.115	0.072	1	6/9/2015 15:10	BH	6/11/2015 05:23	BFM	
2-Methylnaphthalene	U	mg/Kg	0.115	0.044	1	6/9/2015 15:10	BH	6/11/2015 05:23	BFM	
Acenaphthene	0.120	mg/Kg	0.115	0.027	1	6/9/2015 15:10	BH	6/11/2015 05:23	BFM	
Acenaphthylene	U	mg/Kg	0.115	0.028	1	6/9/2015 15:10	BH	6/11/2015 05:23	BFM	
Anthracene	0.268	mg/Kg	0.115	0.017	1	6/9/2015 15:10	BH	6/11/2015 05:23	BFM	
Benzo(a)anthracene	0.627	mg/Kg	0.115	0.018	1	6/9/2015 15:10	BH	6/11/2015 05:23	BFM	
Benzo(a)pyrene	0.528	mg/Kg	0.115	0.024	1	6/9/2015 15:10	BH	6/11/2015 05:23	BFM	
Benzo(b)fluoranthene	0.882	mg/Kg	0.115	0.017	1	6/9/2015 15:10	BH	6/11/2015 05:23	BFM	
Benzo(g,h,i)perylene	0.353	mg/Kg	0.115	0.042	1	6/9/2015 15:10	BH	6/11/2015 05:23	BFM	
Benzo(k)fluoranthene	0.337	mg/Kg	0.115	0.013	1	6/9/2015 15:10	BH	6/11/2015 05:23	BFM	
Chrysene	0.671	mg/Kg	0.115	0.023	1	6/9/2015 15:10	BH	6/11/2015 05:23	BFM	
Dibenzo(a,h)anthracene	0.137	mg/Kg	0.115	0.042	1	6/9/2015 15:10	BH	6/11/2015 05:23	BFM	
Fluoranthene	1.48	mg/Kg	0.115	0.018	1	6/9/2015 15:10	BH	6/11/2015 05:23	BFM	
Fluorene	0.067i	mg/Kg	0.115	0.031	1	6/9/2015 15:10	BH	6/11/2015 05:23	BFM	
Indeno(1,2,3-cd)pyrene	0.395	mg/Kg	0.115	0.022	1	6/9/2015 15:10	BH	6/11/2015 05:23	BFM	
Naphthalene	U	mg/Kg	0.115	0.031	1	6/9/2015 15:10	BH	6/11/2015 05:23	BFM	
Phenanthrene	1.06	mg/Kg	0.115	0.020	1	6/9/2015 15:10	BH	6/11/2015 05:23	BFM	
Pyrene	1.07	mg/Kg	0.115	0.025	1	6/9/2015 15:10	BH	6/11/2015 05:23	BFM	
Nitrobenzene-d5 (S)	51	%	20-120		1	6/9/2015 15:10	BH	6/11/2015 05:23	BFM	
2-Fluorobiphenyl (S)	51	%	30-115		1	6/9/2015 15:10	BH	6/11/2015 05:23	BFM	
p-Terphenyl-d14 (S)	74	%	15-140		1	6/9/2015 15:10	BH	6/11/2015 05:23	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	83.8	%	0.1		1			6/9/2015 15:42	BH	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Arsenic	2.6	mg/Kg	0.60	0.098	2	6/9/2015 16:58	ZS	6/10/2015 11:28	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID: **1541962071** Date Received: 5/29/2015 17:20 Matrix: Soil/Solid

Sample ID: **CA-13-0.5** Date Collected: 5/27/2015 13:08

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.105	0.067	1	6/3/2015 09:51	BH	6/5/2015 04:13	BFM	
2-Methylnaphthalene	U	mg/Kg	0.105	0.040	1	6/3/2015 09:51	BH	6/5/2015 04:13	BFM	
Acenaphthene	U	mg/Kg	0.105	0.025	1	6/3/2015 09:51	BH	6/5/2015 04:13	BFM	
Acenaphthylene	U	mg/Kg	0.105	0.025	1	6/3/2015 09:51	BH	6/5/2015 04:13	BFM	
Anthracene	U	mg/Kg	0.105	0.015	1	6/3/2015 09:51	BH	6/5/2015 04:13	BFM	
Benzo(a)anthracene	0.234	mg/Kg	0.105	0.016	1	6/3/2015 09:51	BH	6/5/2015 04:13	BFM	
Benzo(a)pyrene	0.264	mg/Kg	0.105	0.022	1	6/3/2015 09:51	BH	6/5/2015 04:13	BFM	
Benzo(b)fluoranthene	0.377	mg/Kg	0.105	0.016	1	6/3/2015 09:51	BH	6/5/2015 04:13	BFM	
Benzo(g,h,i)perylene	0.301	mg/Kg	0.105	0.039	1	6/3/2015 09:51	BH	6/5/2015 04:13	BFM	
Benzo(k)fluoranthene	0.149	mg/Kg	0.105	0.011	1	6/3/2015 09:51	BH	6/5/2015 04:13	BFM	
Chrysene	0.219	mg/Kg	0.105	0.022	1	6/3/2015 09:51	BH	6/5/2015 04:13	BFM	
Dibenzo(a,h)anthracene	0.085i	mg/Kg	0.105	0.039	1	6/3/2015 09:51	BH	6/5/2015 04:13	BFM	
Fluoranthene	0.416	mg/Kg	0.105	0.016	1	6/3/2015 09:51	BH	6/5/2015 04:13	BFM	
Fluorene	U	mg/Kg	0.105	0.028	1	6/3/2015 09:51	BH	6/5/2015 04:13	BFM	
Indeno(1,2,3-cd)pyrene	0.309	mg/Kg	0.105	0.020	1	6/3/2015 09:51	BH	6/5/2015 04:13	BFM	
Naphthalene	U	mg/Kg	0.105	0.029	1	6/3/2015 09:51	BH	6/5/2015 04:13	BFM	
Phenanthrene	0.100i	mg/Kg	0.105	0.019	1	6/3/2015 09:51	BH	6/5/2015 04:13	BFM	
Pyrene	0.246	mg/Kg	0.105	0.023	1	6/3/2015 09:51	BH	6/5/2015 04:13	BFM	
Nitrobenzene-d5 (S)	58	%	20-120		1	6/3/2015 09:51	BH	6/5/2015 04:13	BFM	
2-Fluorobiphenyl (S)	58	%	30-115		1	6/3/2015 09:51	BH	6/5/2015 04:13	BFM	
p-Terphenyl-d14 (S)	63	%	15-140		1	6/3/2015 09:51	BH	6/5/2015 04:13	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	94.8	%	0.1		1			6/5/2015 17:18	BH	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	118	mg/Kg	42.2	21.1	4	6/3/2015 09:42	BH	6/5/2015 12:31	BFM	
o-Terphenyl (S)	72	%	50-150		4	6/3/2015 09:42	BH	6/5/2015 12:31	BFM	
n-Triacontane-d62 (S)	94	%	50-150		4	6/3/2015 09:42	BH	6/5/2015 12:31	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	26	mg/Kg	0.53	0.10	2	6/3/2015 08:35	ZS	6/3/2015 15:41	ZS	
Nickel	6.8	mg/Kg	1.6	0.32	2	6/3/2015 08:35	ZS	6/3/2015 15:41	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962071**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-13-0.5**	Date Collected:	5/27/2015 13:08		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	1.3	mg/Kg	0.53	0.086	2	6/3/2015 08:35	ZS	6/3/2015 15:41	ZS	
Antimony	0.51i	mg/Kg	0.53	0.061	2	6/3/2015 08:35	ZS	6/3/2015 15:41	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID: **1541962072** Date Received: 5/29/2015 17:20 Matrix: Soil/Solid

Sample ID: **CA-13-02** Date Collected: 5/27/2015 13:10

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.109	0.069	1	6/3/2015 09:51	BH	6/4/2015 15:31	BFM	
2-Methylnaphthalene	U	mg/Kg	0.109	0.042	1	6/3/2015 09:51	BH	6/4/2015 15:31	BFM	
Acenaphthene	U	mg/Kg	0.109	0.026	1	6/3/2015 09:51	BH	6/4/2015 15:31	BFM	
Acenaphthylene	U	mg/Kg	0.109	0.026	1	6/3/2015 09:51	BH	6/4/2015 15:31	BFM	
Anthracene	U	mg/Kg	0.109	0.016	1	6/3/2015 09:51	BH	6/4/2015 15:31	BFM	
Benzo(a)anthracene	0.030i	mg/Kg	0.109	0.017	1	6/3/2015 09:51	BH	6/4/2015 15:31	BFM	
Benzo(a)pyrene	0.031i	mg/Kg	0.109	0.023	1	6/3/2015 09:51	BH	6/4/2015 15:31	BFM	
Benzo(b)fluoranthene	0.048i	mg/Kg	0.109	0.016	1	6/3/2015 09:51	BH	6/4/2015 15:31	BFM	
Benzo(g,h,i)perylene	U	mg/Kg	0.109	0.040	1	6/3/2015 09:51	BH	6/4/2015 15:31	BFM	
Benzo(k)fluoranthene	0.019i	mg/Kg	0.109	0.012	1	6/3/2015 09:51	BH	6/4/2015 15:31	BFM	
Chrysene	0.028i	mg/Kg	0.109	0.022	1	6/3/2015 09:51	BH	6/4/2015 15:31	BFM	
Dibenzo(a,h)anthracene	U	mg/Kg	0.109	0.040	1	6/3/2015 09:51	BH	6/4/2015 15:31	BFM	
Fluoranthene	0.046i	mg/Kg	0.109	0.017	1	6/3/2015 09:51	BH	6/4/2015 15:31	BFM	
Fluorene	U	mg/Kg	0.109	0.029	1	6/3/2015 09:51	BH	6/4/2015 15:31	BFM	
Indeno(1,2,3-cd)pyrene	U	mg/Kg	0.109	0.021	1	6/3/2015 09:51	BH	6/4/2015 15:31	BFM	
Naphthalene	U	mg/Kg	0.109	0.030	1	6/3/2015 09:51	BH	6/4/2015 15:31	BFM	
Phenanthrene	U	mg/Kg	0.109	0.019	1	6/3/2015 09:51	BH	6/4/2015 15:31	BFM	
Pyrene	0.034i	mg/Kg	0.109	0.024	1	6/3/2015 09:51	BH	6/4/2015 15:31	BFM	
Nitrobenzene-d5 (S)	64	%	20-120		1	6/3/2015 09:51	BH	6/4/2015 15:31	BFM	
2-Fluorobiphenyl (S)	63	%	30-115		1	6/3/2015 09:51	BH	6/4/2015 15:31	BFM	
p-Terphenyl-d14 (S)	81	%	15-140		1	6/3/2015 09:51	BH	6/4/2015 15:31	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	91.7	%	0.1		1			6/4/2015 11:41	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	17.3i	mg/Kg	21.8	10.9	2	6/3/2015 09:42	BH	6/4/2015 17:52	BFM	
o-Terphenyl (S)	64	%	50-150		2	6/3/2015 09:42	BH	6/4/2015 17:52	BFM	
n-Triacontane-d62 (S)	72	%	50-150		2	6/3/2015 09:42	BH	6/4/2015 17:52	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	12	mg/Kg	0.55	0.11	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	
Nickel	4.6	mg/Kg	1.7	0.33	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962072**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-13-02**	Date Collected:	5/27/2015 13:10		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	0.66	mg/Kg	0.55	0.089	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	
Antimony	U	mg/Kg	0.55	0.063	2	6/2/2015 08:38	ZS	6/2/2015 19:30	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID: **1541962073** Date Received: 5/29/2015 17:20 Matrix: Soil/Solid

Sample ID: **CA-13-04** Date Collected: 5/27/2015 13:12

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.108	0.068	1	6/3/2015 09:51	BH	6/4/2015 14:39	BFM	
2-Methylnaphthalene	U	mg/Kg	0.108	0.041	1	6/3/2015 09:51	BH	6/4/2015 14:39	BFM	
Acenaphthene	U	mg/Kg	0.108	0.025	1	6/3/2015 09:51	BH	6/4/2015 14:39	BFM	
Acenaphthylene	U	mg/Kg	0.108	0.026	1	6/3/2015 09:51	BH	6/4/2015 14:39	BFM	
Anthracene	U	mg/Kg	0.108	0.016	1	6/3/2015 09:51	BH	6/4/2015 14:39	BFM	
Benzo(a)anthracene	U	mg/Kg	0.108	0.017	1	6/3/2015 09:51	BH	6/4/2015 14:39	BFM	
Benzo(a)pyrene	U	mg/Kg	0.108	0.023	1	6/3/2015 09:51	BH	6/4/2015 14:39	BFM	
Benzo(b)fluoranthene	U	mg/Kg	0.108	0.016	1	6/3/2015 09:51	BH	6/4/2015 14:39	BFM	
Benzo(g,h,i)perylene	U	mg/Kg	0.108	0.040	1	6/3/2015 09:51	BH	6/4/2015 14:39	BFM	
Benzo(k)fluoranthene	U	mg/Kg	0.108	0.012	1	6/3/2015 09:51	BH	6/4/2015 14:39	BFM	
Chrysene	U	mg/Kg	0.108	0.022	1	6/3/2015 09:51	BH	6/4/2015 14:39	BFM	
Dibenzo(a,h)anthracene	U	mg/Kg	0.108	0.039	1	6/3/2015 09:51	BH	6/4/2015 14:39	BFM	
Fluoranthene	0.039i	mg/Kg	0.108	0.017	1	6/3/2015 09:51	BH	6/4/2015 14:39	BFM	
Fluorene	U	mg/Kg	0.108	0.029	1	6/3/2015 09:51	BH	6/4/2015 14:39	BFM	
Indeno(1,2,3-cd)pyrene	U	mg/Kg	0.108	0.021	1	6/3/2015 09:51	BH	6/4/2015 14:39	BFM	
Naphthalene	U	mg/Kg	0.108	0.029	1	6/3/2015 09:51	BH	6/4/2015 14:39	BFM	
Phenanthrene	U	mg/Kg	0.108	0.019	1	6/3/2015 09:51	BH	6/4/2015 14:39	BFM	
Pyrene	U	mg/Kg	0.108	0.024	1	6/3/2015 09:51	BH	6/4/2015 14:39	BFM	
Nitrobenzene-d5 (S)	65	%	20-120		1	6/3/2015 09:51	BH	6/4/2015 14:39	BFM	
2-Fluorobiphenyl (S)	65	%	30-115		1	6/3/2015 09:51	BH	6/4/2015 14:39	BFM	
p-Terphenyl-d14 (S)	71	%	15-140		1	6/3/2015 09:51	BH	6/4/2015 14:39	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	92.5	%	0.1		1			6/4/2015 11:41	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	13.4i	mg/Kg	21.6	10.8	2	6/3/2015 09:42	BH	6/4/2015 16:47	BFM	
o-Terphenyl (S)	63	%	50-150		2	6/3/2015 09:42	BH	6/4/2015 16:47	BFM	
n-Triacontane-d62 (S)	70	%	50-150		2	6/3/2015 09:42	BH	6/4/2015 16:47	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	140	mg/Kg	0.54	0.11	2	6/2/2015 08:39	ZS	6/2/2015 22:00	ZS	L
Nickel	7.3	mg/Kg	1.7	0.33	2	6/2/2015 08:39	ZS	6/2/2015 22:00	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962073**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-13-04**	Date Collected:	5/27/2015 13:12		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	3.0	mg/Kg	0.54	0.089	2	6/2/2015 08:39	ZS	6/2/2015 22:00	ZS	
Antimony	0.24i	mg/Kg	0.54	0.063	2	6/2/2015 08:39	ZS	6/2/2015 22:00	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID: **1541962074** Date Received: 5/29/2015 17:20 Matrix: Soil/Solid

Sample ID: **CA-13-06** Date Collected: 5/27/2015 13:14

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.111	0.070	1	6/3/2015 09:51	BH	6/5/2015 04:38	BFM	
2-Methylnaphthalene	U	mg/Kg	0.111	0.042	1	6/3/2015 09:51	BH	6/5/2015 04:38	BFM	
Acenaphthene	0.261	mg/Kg	0.111	0.026	1	6/3/2015 09:51	BH	6/5/2015 04:38	BFM	
Acenaphthylene	U	mg/Kg	0.111	0.027	1	6/3/2015 09:51	BH	6/5/2015 04:38	BFM	
Anthracene	1.23	mg/Kg	0.111	0.016	1	6/3/2015 09:51	BH	6/5/2015 04:38	BFM	
Benzo(a)anthracene	2.79	mg/Kg	0.111	0.017	1	6/3/2015 09:51	BH	6/5/2015 04:38	BFM	
Benzo(a)pyrene	2.32	mg/Kg	0.111	0.023	1	6/3/2015 09:51	BH	6/5/2015 04:38	BFM	
Benzo(b)fluoranthene	3.43	mg/Kg	0.111	0.017	1	6/3/2015 09:51	BH	6/5/2015 04:38	BFM	
Benzo(g,h,i)perylene	1.46	mg/Kg	0.111	0.041	1	6/3/2015 09:51	BH	6/5/2015 04:38	BFM	
Benzo(k)fluoranthene	1.26	mg/Kg	0.111	0.012	1	6/3/2015 09:51	BH	6/5/2015 04:38	BFM	
Chrysene	2.72	mg/Kg	0.111	0.023	1	6/3/2015 09:51	BH	6/5/2015 04:38	BFM	
Dibenzo(a,h)anthracene	0.502	mg/Kg	0.111	0.041	1	6/3/2015 09:51	BH	6/5/2015 04:38	BFM	
Fluoranthene	7.56	mg/Kg	0.111	0.017	1	6/3/2015 09:51	BH	6/5/2015 04:38	BFM	L
Fluorene	0.237	mg/Kg	0.111	0.029	1	6/3/2015 09:51	BH	6/5/2015 04:38	BFM	
Indeno(1,2,3-cd)pyrene	1.66	mg/Kg	0.111	0.021	1	6/3/2015 09:51	BH	6/5/2015 04:38	BFM	
Naphthalene	U	mg/Kg	0.111	0.030	1	6/3/2015 09:51	BH	6/5/2015 04:38	BFM	
Phenanthrene	3.73	mg/Kg	0.111	0.020	1	6/3/2015 09:51	BH	6/5/2015 04:38	BFM	
Pyrene	3.24	mg/Kg	0.111	0.024	1	6/3/2015 09:51	BH	6/5/2015 04:38	BFM	
Nitrobenzene-d5 (S)	58	%	20-120		1	6/3/2015 09:51	BH	6/5/2015 04:38	BFM	
2-Fluorobiphenyl (S)	59	%	30-115		1	6/3/2015 09:51	BH	6/5/2015 04:38	BFM	
p-Terphenyl-d14 (S)	59	%	15-140		1	6/3/2015 09:51	BH	6/5/2015 04:38	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	90.0	%	0.1		1			6/4/2015 11:41	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	296	mg/Kg	44.3	22.1	4	6/3/2015 09:42	BH	6/5/2015 12:52	BFM	
o-Terphenyl (S)	75	%	50-150		4	6/3/2015 09:42	BH	6/5/2015 12:52	BFM	
n-Triacontane-d62 (S)	121	%	50-150		4	6/3/2015 09:42	BH	6/5/2015 12:52	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	57	mg/Kg	0.56	0.11	2	6/2/2015 08:39	ZS	6/2/2015 22:00	ZS	
Nickel	14	mg/Kg	1.7	0.34	2	6/2/2015 08:39	ZS	6/2/2015 22:00	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962074**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-13-06**	Date Collected:	5/27/2015 13:14		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	2.5	mg/Kg	0.56	0.091	2	6/2/2015 08:39	ZS	6/2/2015 22:00	ZS	
Antimony	0.11i	mg/Kg	0.56	0.064	2	6/2/2015 08:39	ZS	6/2/2015 22:00	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID: **1541962075** Date Received: 5/29/2015 17:20 Matrix: Soil/Solid

Sample ID: **CA-13-08** Date Collected: 5/27/2015 13:16

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.112	0.070	1	6/3/2015 09:51	BH	6/5/2015 05:04	BFM	
2-Methylnaphthalene	U	mg/Kg	0.112	0.043	1	6/3/2015 09:51	BH	6/5/2015 05:04	BFM	
Acenaphthene	0.154	mg/Kg	0.112	0.026	1	6/3/2015 09:51	BH	6/5/2015 05:04	BFM	
Acenaphthylene	U	mg/Kg	0.112	0.027	1	6/3/2015 09:51	BH	6/5/2015 05:04	BFM	
Anthracene	1.40	mg/Kg	0.112	0.016	1	6/3/2015 09:51	BH	6/5/2015 05:04	BFM	
Benzo(a)anthracene	3.24	mg/Kg	0.112	0.017	1	6/3/2015 09:51	BH	6/5/2015 05:04	BFM	
Benzo(a)pyrene	2.83	mg/Kg	0.112	0.024	1	6/3/2015 09:51	BH	6/5/2015 05:04	BFM	
Benzo(b)fluoranthene	4.55	mg/Kg	0.112	0.017	1	6/3/2015 09:51	BH	6/5/2015 05:04	BFM	
Benzo(g,h,i)perylene	1.47	mg/Kg	0.112	0.041	1	6/3/2015 09:51	BH	6/5/2015 05:04	BFM	
Benzo(k)fluoranthene	1.47	mg/Kg	0.112	0.012	1	6/3/2015 09:51	BH	6/5/2015 05:04	BFM	
Chrysene	3.32	mg/Kg	0.112	0.023	1	6/3/2015 09:51	BH	6/5/2015 05:04	BFM	
Dibenzo(a,h)anthracene	0.509	mg/Kg	0.112	0.041	1	6/3/2015 09:51	BH	6/5/2015 05:04	BFM	
Fluoranthene	7.21	mg/Kg	0.112	0.017	1	6/3/2015 09:51	BH	6/5/2015 05:04	BFM	L
Fluorene	0.189	mg/Kg	0.112	0.030	1	6/3/2015 09:51	BH	6/5/2015 05:04	BFM	
Indeno(1,2,3-cd)pyrene	1.71	mg/Kg	0.112	0.021	1	6/3/2015 09:51	BH	6/5/2015 05:04	BFM	
Naphthalene	U	mg/Kg	0.112	0.030	1	6/3/2015 09:51	BH	6/5/2015 05:04	BFM	
Phenanthrene	3.95	mg/Kg	0.112	0.020	1	6/3/2015 09:51	BH	6/5/2015 05:04	BFM	
Pyrene	4.85	mg/Kg	0.112	0.025	1	6/3/2015 09:51	BH	6/5/2015 05:04	BFM	
Nitrobenzene-d5 (S)	61	%	20-120		1	6/3/2015 09:51	BH	6/5/2015 05:04	BFM	
2-Fluorobiphenyl (S)	64	%	30-115		1	6/3/2015 09:51	BH	6/5/2015 05:04	BFM	
p-Terphenyl-d14 (S)	75	%	15-140		1	6/3/2015 09:51	BH	6/5/2015 05:04	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	90.0	%	0.1		1			6/4/2015 11:41	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	294	mg/Kg	44.7	22.3	4	6/3/2015 09:42	BH	6/5/2015 13:14	BFM	
o-Terphenyl (S)	69	%	50-150		4	6/3/2015 09:42	BH	6/5/2015 13:14	BFM	
n-Triacontane-d62 (S)	106	%	50-150		4	6/3/2015 09:42	BH	6/5/2015 13:14	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	35	mg/Kg	0.56	0.11	2	6/2/2015 08:39	ZS	6/2/2015 22:00	ZS	
Nickel	13	mg/Kg	1.7	0.34	2	6/2/2015 08:39	ZS	6/2/2015 22:00	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962075**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-13-08**	Date Collected:	5/27/2015 13:16		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	2.8	mg/Kg	0.56	0.091	2	6/2/2015 08:39	ZS	6/2/2015 22:00	ZS	
Antimony	0.15i	mg/Kg	0.56	0.064	2	6/2/2015 08:39	ZS	6/2/2015 22:00	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962076**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-13-10**	Date Collected:	5/27/2015 13:18		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.117	0.074	1	6/9/2015 15:10	BH	6/11/2015 05:49	BFM	
2-Methylnaphthalene	U	mg/Kg	0.117	0.045	1	6/9/2015 15:10	BH	6/11/2015 05:49	BFM	
Acenaphthene	0.268	mg/Kg	0.117	0.028	1	6/9/2015 15:10	BH	6/11/2015 05:49	BFM	
Acenaphthylene	U	mg/Kg	0.117	0.028	1	6/9/2015 15:10	BH	6/11/2015 05:49	BFM	
Anthracene	0.969	mg/Kg	0.117	0.017	1	6/9/2015 15:10	BH	6/11/2015 05:49	BFM	
Benzo(a)anthracene	2.06	mg/Kg	0.117	0.018	1	6/9/2015 15:10	BH	6/11/2015 05:49	BFM	
Benzo(a)pyrene	1.63	mg/Kg	0.117	0.025	1	6/9/2015 15:10	BH	6/11/2015 05:49	BFM	
Benzo(b)fluoranthene	2.64	mg/Kg	0.117	0.018	1	6/9/2015 15:10	BH	6/11/2015 05:49	BFM	
Benzo(g,h,i)perylene	0.872	mg/Kg	0.117	0.043	1	6/9/2015 15:10	BH	6/11/2015 05:49	BFM	
Benzo(k)fluoranthene	0.740	mg/Kg	0.117	0.013	1	6/9/2015 15:10	BH	6/11/2015 05:49	BFM	
Chrysene	1.90	mg/Kg	0.117	0.024	1	6/9/2015 15:10	BH	6/11/2015 05:49	BFM	
Dibenzo(a,h)anthracene	0.325	mg/Kg	0.117	0.043	1	6/9/2015 15:10	BH	6/11/2015 05:49	BFM	
Fluoranthene	4.31	mg/Kg	0.117	0.018	1	6/9/2015 15:10	BH	6/11/2015 05:49	BFM	
Fluorene	0.244	mg/Kg	0.117	0.031	1	6/9/2015 15:10	BH	6/11/2015 05:49	BFM	
Indeno(1,2,3-cd)pyrene	1.04	mg/Kg	0.117	0.022	1	6/9/2015 15:10	BH	6/11/2015 05:49	BFM	
Naphthalene	U	mg/Kg	0.117	0.032	1	6/9/2015 15:10	BH	6/11/2015 05:49	BFM	
Phenanthrene	3.09	mg/Kg	0.117	0.021	1	6/9/2015 15:10	BH	6/11/2015 05:49	BFM	
Pyrene	2.92	mg/Kg	0.117	0.026	1	6/9/2015 15:10	BH	6/11/2015 05:49	BFM	
Nitrobenzene-d5 (S)	57	%	20-120		1	6/9/2015 15:10	BH	6/11/2015 05:49	BFM	
2-Fluorobiphenyl (S)	58	%	30-115		1	6/9/2015 15:10	BH	6/11/2015 05:49	BFM	
p-Terphenyl-d14 (S)	68	%	15-140		1	6/9/2015 15:10	BH	6/11/2015 05:49	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	85.1	%	0.1		1			6/11/2015 13:17	SO	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Arsenic	3.6	mg/Kg	0.59	0.096	2	6/9/2015 16:58	ZS	6/10/2015 11:28	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID: **1541962077** Date Received: 5/29/2015 17:20 Matrix: Soil/Solid

Sample ID: **CA-14-0.5** Date Collected: 5/27/2015 12:56

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.106	0.067	1	6/3/2015 09:51	BH	6/5/2015 05:30	BFM	
2-Methylnaphthalene	U	mg/Kg	0.106	0.040	1	6/3/2015 09:51	BH	6/5/2015 05:30	BFM	
Acenaphthene	U	mg/Kg	0.106	0.025	1	6/3/2015 09:51	BH	6/5/2015 05:30	BFM	
Acenaphthylene	U	mg/Kg	0.106	0.026	1	6/3/2015 09:51	BH	6/5/2015 05:30	BFM	
Anthracene	0.178	mg/Kg	0.106	0.015	1	6/3/2015 09:51	BH	6/5/2015 05:30	BFM	
Benzo(a)anthracene	0.386	mg/Kg	0.106	0.016	1	6/3/2015 09:51	BH	6/5/2015 05:30	BFM	
Benzo(a)pyrene	0.344	mg/Kg	0.106	0.022	1	6/3/2015 09:51	BH	6/5/2015 05:30	BFM	
Benzo(b)fluoranthene	0.544	mg/Kg	0.106	0.016	1	6/3/2015 09:51	BH	6/5/2015 05:30	BFM	
Benzo(g,h,i)perylene	0.314	mg/Kg	0.106	0.039	1	6/3/2015 09:51	BH	6/5/2015 05:30	BFM	
Benzo(k)fluoranthene	0.218	mg/Kg	0.106	0.012	1	6/3/2015 09:51	BH	6/5/2015 05:30	BFM	
Chrysene	0.373	mg/Kg	0.106	0.022	1	6/3/2015 09:51	BH	6/5/2015 05:30	BFM	
Dibenzo(a,h)anthracene	0.108	mg/Kg	0.106	0.039	1	6/3/2015 09:51	BH	6/5/2015 05:30	BFM	
Fluoranthene	0.900	mg/Kg	0.106	0.016	1	6/3/2015 09:51	BH	6/5/2015 05:30	BFM	
Fluorene	U	mg/Kg	0.106	0.028	1	6/3/2015 09:51	BH	6/5/2015 05:30	BFM	
Indeno(1,2,3-cd)pyrene	0.355	mg/Kg	0.106	0.020	1	6/3/2015 09:51	BH	6/5/2015 05:30	BFM	
Naphthalene	U	mg/Kg	0.106	0.029	1	6/3/2015 09:51	BH	6/5/2015 05:30	BFM	
Phenanthrene	0.466	mg/Kg	0.106	0.019	1	6/3/2015 09:51	BH	6/5/2015 05:30	BFM	
Pyrene	0.507	mg/Kg	0.106	0.023	1	6/3/2015 09:51	BH	6/5/2015 05:30	BFM	
Nitrobenzene-d5 (S)	57	%	20-120		1	6/3/2015 09:51	BH	6/5/2015 05:30	BFM	
2-Fluorobiphenyl (S)	52	%	30-115		1	6/3/2015 09:51	BH	6/5/2015 05:30	BFM	
p-Terphenyl-d14 (S)	68	%	15-140		1	6/3/2015 09:51	BH	6/5/2015 05:30	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	93.8	%	0.1		1			6/4/2015 11:41	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	89.1	mg/Kg	42.4	21.2	4	6/3/2015 09:42	BH	6/5/2015 14:18	BFM	
o-Terphenyl (S)	65	%	50-150		4	6/3/2015 09:42	BH	6/5/2015 14:18	BFM	
n-Triacontane-d62 (S)	89	%	50-150		4	6/3/2015 09:42	BH	6/5/2015 14:18	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	39	mg/Kg	0.53	0.10	2	6/2/2015 08:39	ZS	6/2/2015 22:00	ZS	
Nickel	8.7	mg/Kg	1.6	0.33	2	6/2/2015 08:39	ZS	6/2/2015 22:00	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962077**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-14-0.5**	Date Collected:	5/27/2015 12:56		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	3.3	mg/Kg	0.53	0.087	2	6/2/2015 08:39	ZS	6/2/2015 22:00	ZS	
Antimony	0.42i	mg/Kg	0.53	0.062	2	6/2/2015 08:39	ZS	6/2/2015 22:00	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962078**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-14-02**	Date Collected:	5/27/2015 12:58		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.116	0.073	1	6/3/2015 09:51	BH	6/5/2015 05:56	BFM	
2-Methylnaphthalene	U	mg/Kg	0.116	0.044	1	6/3/2015 09:51	BH	6/5/2015 05:56	BFM	
Acenaphthene	0.299	mg/Kg	0.116	0.027	1	6/3/2015 09:51	BH	6/5/2015 05:56	BFM	
Acenaphthylene	U	mg/Kg	0.116	0.028	1	6/3/2015 09:51	BH	6/5/2015 05:56	BFM	
Anthracene	2.28	mg/Kg	0.116	0.017	1	6/3/2015 09:51	BH	6/5/2015 05:56	BFM	
Benzo(a)anthracene	3.50	mg/Kg	0.116	0.018	1	6/3/2015 09:51	BH	6/5/2015 05:56	BFM	
Benzo(a)pyrene	2.95	mg/Kg	0.116	0.025	1	6/3/2015 09:51	BH	6/5/2015 05:56	BFM	
Benzo(b)fluoranthene	4.30	mg/Kg	0.116	0.017	1	6/3/2015 09:51	BH	6/5/2015 05:56	BFM	
Benzo(g,h,i)perylene	1.57	mg/Kg	0.116	0.043	1	6/3/2015 09:51	BH	6/5/2015 05:56	BFM	
Benzo(k)fluoranthene	1.64	mg/Kg	0.116	0.013	1	6/3/2015 09:51	BH	6/5/2015 05:56	BFM	
Chrysene	3.24	mg/Kg	0.116	0.024	1	6/3/2015 09:51	BH	6/5/2015 05:56	BFM	
Dibenzo(a,h)anthracene	0.578	mg/Kg	0.116	0.042	1	6/3/2015 09:51	BH	6/5/2015 05:56	BFM	
Fluoranthene	9.40	mg/Kg	0.116	0.018	1	6/3/2015 09:51	BH	6/5/2015 05:56	BFM	L
Fluorene	0.506	mg/Kg	0.116	0.031	1	6/3/2015 09:51	BH	6/5/2015 05:56	BFM	
Indeno(1,2,3-cd)pyrene	1.89	mg/Kg	0.116	0.022	1	6/3/2015 09:51	BH	6/5/2015 05:56	BFM	
Naphthalene	U	mg/Kg	0.116	0.031	1	6/3/2015 09:51	BH	6/5/2015 05:56	BFM	
Phenanthrene	6.02	mg/Kg	0.116	0.021	1	6/3/2015 09:51	BH	6/5/2015 05:56	BFM	L
Pyrene	4.87	mg/Kg	0.116	0.026	1	6/3/2015 09:51	BH	6/5/2015 05:56	BFM	
Nitrobenzene-d5 (S)	65	%	20-120		1	6/3/2015 09:51	BH	6/5/2015 05:56	BFM	
2-Fluorobiphenyl (S)	67	%	30-115		1	6/3/2015 09:51	BH	6/5/2015 05:56	BFM	
p-Terphenyl-d14 (S)	82	%	15-140		1	6/3/2015 09:51	BH	6/5/2015 05:56	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	86.7	%	0.1		1			6/4/2015 11:41	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	192	mg/Kg	46.2	23.1	4	6/3/2015 09:42	BH	6/5/2015 14:39	BFM	
o-Terphenyl (S)	72	%	50-150		4	6/3/2015 09:42	BH	6/5/2015 14:39	BFM	
n-Triacontane-d62 (S)	104	%	50-150		4	6/3/2015 09:42	BH	6/5/2015 14:39	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	30	mg/Kg	0.58	0.11	2	6/2/2015 08:39	ZS	6/2/2015 22:00	ZS	
Nickel	8.8	mg/Kg	1.8	0.35	2	6/2/2015 08:39	ZS	6/2/2015 22:00	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962078**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-14-02**	Date Collected:	5/27/2015 12:58		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	2.0	mg/Kg	0.58	0.095	2	6/2/2015 08:39	ZS	6/2/2015 22:00	ZS	
Antimony	0.13i	mg/Kg	0.58	0.067	2	6/2/2015 08:39	ZS	6/2/2015 22:00	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID: **1541962079** Date Received: 5/29/2015 17:20 Matrix: Soil/Solid

Sample ID: **CA-14-04** Date Collected: 5/27/2015 13:00

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.115	0.073	1	6/3/2015 09:51	BH	6/5/2015 06:21	BFM	
2-Methylnaphthalene	U	mg/Kg	0.115	0.044	1	6/3/2015 09:51	BH	6/5/2015 06:21	BFM	
Acenaphthene	0.154	mg/Kg	0.115	0.027	1	6/3/2015 09:51	BH	6/5/2015 06:21	BFM	
Acenaphthylene	U	mg/Kg	0.115	0.028	1	6/3/2015 09:51	BH	6/5/2015 06:21	BFM	
Anthracene	1.87	mg/Kg	0.115	0.017	1	6/3/2015 09:51	BH	6/5/2015 06:21	BFM	
Benzo(a)anthracene	4.55	mg/Kg	0.115	0.018	1	6/3/2015 09:51	BH	6/5/2015 06:21	BFM	
Benzo(a)pyrene	3.40	mg/Kg	0.115	0.024	1	6/3/2015 09:51	BH	6/5/2015 06:21	BFM	
Benzo(b)fluoranthene	5.41	mg/Kg	0.115	0.017	1	6/3/2015 09:51	BH	6/5/2015 06:21	BFM	
Benzo(g,h,i)perylene	1.81	mg/Kg	0.115	0.043	1	6/3/2015 09:51	BH	6/5/2015 06:21	BFM	
Benzo(k)fluoranthene	2.23	mg/Kg	0.115	0.013	1	6/3/2015 09:51	BH	6/5/2015 06:21	BFM	
Chrysene	4.58	mg/Kg	0.115	0.023	1	6/3/2015 09:51	BH	6/5/2015 06:21	BFM	
Dibenzo(a,h)anthracene	0.741	mg/Kg	0.115	0.042	1	6/3/2015 09:51	BH	6/5/2015 06:21	BFM	
Fluoranthene	10.1	mg/Kg	0.115	0.018	1	6/3/2015 09:51	BH	6/5/2015 06:21	BFM	L
Fluorene	0.283	mg/Kg	0.115	0.031	1	6/3/2015 09:51	BH	6/5/2015 06:21	BFM	
Indeno(1,2,3-cd)pyrene	2.11	mg/Kg	0.115	0.022	1	6/3/2015 09:51	BH	6/5/2015 06:21	BFM	
Naphthalene	U	mg/Kg	0.115	0.031	1	6/3/2015 09:51	BH	6/5/2015 06:21	BFM	
Phenanthrene	5.09	mg/Kg	0.115	0.020	1	6/3/2015 09:51	BH	6/5/2015 06:21	BFM	
Pyrene	5.45	mg/Kg	0.115	0.025	1	6/3/2015 09:51	BH	6/5/2015 06:21	BFM	
Nitrobenzene-d5 (S)	62	%	20-120		1	6/3/2015 09:51	BH	6/5/2015 06:21	BFM	
2-Fluorobiphenyl (S)	63	%	30-115		1	6/3/2015 09:51	BH	6/5/2015 06:21	BFM	
p-Terphenyl-d14 (S)	80	%	15-140		1	6/3/2015 09:51	BH	6/5/2015 06:21	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	86.2	%	0.1		1			6/4/2015 11:41	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	243	mg/Kg	46.1	23.0	4	6/3/2015 09:42	BH	6/5/2015 15:00	BFM	
o-Terphenyl (S)	73	%	50-150		4	6/3/2015 09:42	BH	6/5/2015 15:00	BFM	
n-Triacontane-d62 (S)	129	%	50-150		4	6/3/2015 09:42	BH	6/5/2015 15:00	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	45	mg/Kg	0.58	0.11	2	6/2/2015 08:39	ZS	6/2/2015 22:00	ZS	
Nickel	14	mg/Kg	1.8	0.36	2	6/2/2015 08:39	ZS	6/2/2015 22:00	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962079**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-14-04**	Date Collected:	5/27/2015 13:00		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	5.0	mg/Kg	0.58	0.095	2	6/2/2015 08:39	ZS	6/2/2015 22:00	ZS	
Antimony	0.13i	mg/Kg	0.58	0.067	2	6/2/2015 08:39	ZS	6/2/2015 22:00	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962080**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-14-06**	Date Collected:	5/27/2015 13:02		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.107	0.068	1	6/3/2015 09:51	BH	6/5/2015 06:47	BFM	
2-Methylnaphthalene	U	mg/Kg	0.107	0.041	1	6/3/2015 09:51	BH	6/5/2015 06:47	BFM	
Acenaphthene	U	mg/Kg	0.107	0.025	1	6/3/2015 09:51	BH	6/5/2015 06:47	BFM	
Acenaphthylene	U	mg/Kg	0.107	0.026	1	6/3/2015 09:51	BH	6/5/2015 06:47	BFM	
Anthracene	0.370	mg/Kg	0.107	0.016	1	6/3/2015 09:51	BH	6/5/2015 06:47	BFM	
Benzo(a)anthracene	2.08	mg/Kg	0.107	0.017	1	6/3/2015 09:51	BH	6/5/2015 06:47	BFM	
Benzo(a)pyrene	1.82	mg/Kg	0.107	0.023	1	6/3/2015 09:51	BH	6/5/2015 06:47	BFM	
Benzo(b)fluoranthene	2.64	mg/Kg	0.107	0.016	1	6/3/2015 09:51	BH	6/5/2015 06:47	BFM	
Benzo(g,h,i)perylene	1.19	mg/Kg	0.107	0.040	1	6/3/2015 09:51	BH	6/5/2015 06:47	BFM	
Benzo(k)fluoranthene	0.974	mg/Kg	0.107	0.012	1	6/3/2015 09:51	BH	6/5/2015 06:47	BFM	
Chrysene	1.99	mg/Kg	0.107	0.022	1	6/3/2015 09:51	BH	6/5/2015 06:47	BFM	
Dibenzo(a,h)anthracene	0.411	mg/Kg	0.107	0.039	1	6/3/2015 09:51	BH	6/5/2015 06:47	BFM	
Fluoranthene	4.72	mg/Kg	0.107	0.016	1	6/3/2015 09:51	BH	6/5/2015 06:47	BFM	
Fluorene	U	mg/Kg	0.107	0.028	1	6/3/2015 09:51	BH	6/5/2015 06:47	BFM	
Indeno(1,2,3-cd)pyrene	1.35	mg/Kg	0.107	0.021	1	6/3/2015 09:51	BH	6/5/2015 06:47	BFM	
Naphthalene	U	mg/Kg	0.107	0.029	1	6/3/2015 09:51	BH	6/5/2015 06:47	BFM	
Phenanthrene	0.803	mg/Kg	0.107	0.019	1	6/3/2015 09:51	BH	6/5/2015 06:47	BFM	
Pyrene	2.56	mg/Kg	0.107	0.024	1	6/3/2015 09:51	BH	6/5/2015 06:47	BFM	
Nitrobenzene-d5 (S)	62	%	20-120		1	6/3/2015 09:51	BH	6/5/2015 06:47	BFM	
2-Fluorobiphenyl (S)	60	%	30-115		1	6/3/2015 09:51	BH	6/5/2015 06:47	BFM	
p-Terphenyl-d14 (S)	67	%	15-140		1	6/3/2015 09:51	BH	6/5/2015 06:47	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	93.9	%	0.1		1			6/4/2015 11:41	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	168	mg/Kg	42.8	21.4	4	6/3/2015 09:42	BH	6/5/2015 15:22	BFM	
o-Terphenyl (S)	61	%	50-150		4	6/3/2015 09:42	BH	6/5/2015 15:22	BFM	
n-Triacontane-d62 (S)	90	%	50-150		4	6/3/2015 09:42	BH	6/5/2015 15:22	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	42	mg/Kg	0.53	0.10	2	6/2/2015 08:39	ZS	6/2/2015 22:00	ZS	
Nickel	12	mg/Kg	1.6	0.33	2	6/2/2015 08:39	ZS	6/2/2015 22:00	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962080**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-14-06**	Date Collected:	5/27/2015 13:02		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	3.2	mg/Kg	0.53	0.087	2	6/2/2015 08:39	ZS	6/2/2015 22:00	ZS	
Antimony	1.6	mg/Kg	0.53	0.062	2	6/2/2015 08:39	ZS	6/2/2015 22:00	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID: **1541962081** Date Received: 5/29/2015 17:20 Matrix: Soil/Solid

Sample ID: **CA-14-08** Date Collected: 5/27/2015 13:04

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.107	0.067	1	6/3/2015 09:51	BH	6/5/2015 07:13	BFM	
2-Methylnaphthalene	U	mg/Kg	0.107	0.041	1	6/3/2015 09:51	BH	6/5/2015 07:13	BFM	
Acenaphthene	U	mg/Kg	0.107	0.025	1	6/3/2015 09:51	BH	6/5/2015 07:13	BFM	
Acenaphthylene	U	mg/Kg	0.107	0.026	1	6/3/2015 09:51	BH	6/5/2015 07:13	BFM	
Anthracene	U	mg/Kg	0.107	0.015	1	6/3/2015 09:51	BH	6/5/2015 07:13	BFM	
Benzo(a)anthracene	0.499	mg/Kg	0.107	0.017	1	6/3/2015 09:51	BH	6/5/2015 07:13	BFM	
Benzo(a)pyrene	0.434	mg/Kg	0.107	0.023	1	6/3/2015 09:51	BH	6/5/2015 07:13	BFM	
Benzo(b)fluoranthene	0.863	mg/Kg	0.107	0.016	1	6/3/2015 09:51	BH	6/5/2015 07:13	BFM	
Benzo(g,h,i)perylene	0.388	mg/Kg	0.107	0.039	1	6/3/2015 09:51	BH	6/5/2015 07:13	BFM	
Benzo(k)fluoranthene	0.307	mg/Kg	0.107	0.012	1	6/3/2015 09:51	BH	6/5/2015 07:13	BFM	
Chrysene	0.553	mg/Kg	0.107	0.022	1	6/3/2015 09:51	BH	6/5/2015 07:13	BFM	
Dibenzo(a,h)anthracene	0.118	mg/Kg	0.107	0.039	1	6/3/2015 09:51	BH	6/5/2015 07:13	BFM	
Fluoranthene	0.930	mg/Kg	0.107	0.016	1	6/3/2015 09:51	BH	6/5/2015 07:13	BFM	
Fluorene	U	mg/Kg	0.107	0.028	1	6/3/2015 09:51	BH	6/5/2015 07:13	BFM	
Indeno(1,2,3-cd)pyrene	0.424	mg/Kg	0.107	0.020	1	6/3/2015 09:51	BH	6/5/2015 07:13	BFM	
Naphthalene	U	mg/Kg	0.107	0.029	1	6/3/2015 09:51	BH	6/5/2015 07:13	BFM	
Phenanthrene	0.095i	mg/Kg	0.107	0.019	1	6/3/2015 09:51	BH	6/5/2015 07:13	BFM	
Pyrene	0.687	mg/Kg	0.107	0.024	1	6/3/2015 09:51	BH	6/5/2015 07:13	BFM	
Nitrobenzene-d5 (S)	50	%	20-120		1	6/3/2015 09:51	BH	6/5/2015 07:13	BFM	
2-Fluorobiphenyl (S)	54	%	30-115		1	6/3/2015 09:51	BH	6/5/2015 07:13	BFM	
p-Terphenyl-d14 (S)	68	%	15-140		1	6/3/2015 09:51	BH	6/5/2015 07:13	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	93.2	%	0.1		1			6/4/2015 11:41	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	112	mg/Kg	42.7	21.3	4	6/3/2015 09:42	BH	6/5/2015 15:44	BFM	
o-Terphenyl (S)	67	%	50-150		4	6/3/2015 09:42	BH	6/5/2015 15:44	BFM	
n-Triacontane-d62 (S)	89	%	50-150		4	6/3/2015 09:42	BH	6/5/2015 15:44	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	52	mg/Kg	0.54	0.11	2	6/2/2015 08:39	ZS	6/2/2015 22:00	ZS	
Nickel	19	mg/Kg	1.6	0.33	2	6/2/2015 08:39	ZS	6/2/2015 22:00	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962081**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-14-08**	Date Collected:	5/27/2015 13:04		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	11	mg/Kg	0.54	0.088	2	6/2/2015 08:39	ZS	6/2/2015 22:00	ZS	
Antimony	0.30i	mg/Kg	0.54	0.062	2	6/2/2015 08:39	ZS	6/2/2015 22:00	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962082**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-14-10**	Date Collected:	5/27/2015 13:06		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.112	0.071	1	6/9/2015 15:10	BH	6/11/2015 06:15	BFM	
2-Methylnaphthalene	U	mg/Kg	0.112	0.043	1	6/9/2015 15:10	BH	6/11/2015 06:15	BFM	
Acenaphthene	0.175	mg/Kg	0.112	0.026	1	6/9/2015 15:10	BH	6/11/2015 06:15	BFM	
Acenaphthylene	U	mg/Kg	0.112	0.027	1	6/9/2015 15:10	BH	6/11/2015 06:15	BFM	
Anthracene	0.805	mg/Kg	0.112	0.016	1	6/9/2015 15:10	BH	6/11/2015 06:15	BFM	
Benzo(a)anthracene	1.10	mg/Kg	0.112	0.017	1	6/9/2015 15:10	BH	6/11/2015 06:15	BFM	
Benzo(a)pyrene	0.914	mg/Kg	0.112	0.024	1	6/9/2015 15:10	BH	6/11/2015 06:15	BFM	
Benzo(b)fluoranthene	1.51	mg/Kg	0.112	0.017	1	6/9/2015 15:10	BH	6/11/2015 06:15	BFM	
Benzo(g,h,i)perylene	0.550	mg/Kg	0.112	0.041	1	6/9/2015 15:10	BH	6/11/2015 06:15	BFM	
Benzo(k)fluoranthene	0.512	mg/Kg	0.112	0.012	1	6/9/2015 15:10	BH	6/11/2015 06:15	BFM	
Chrysene	1.11	mg/Kg	0.112	0.023	1	6/9/2015 15:10	BH	6/11/2015 06:15	BFM	
Dibenzo(a,h)anthracene	0.194	mg/Kg	0.112	0.041	1	6/9/2015 15:10	BH	6/11/2015 06:15	BFM	
Fluoranthene	3.03	mg/Kg	0.112	0.017	1	6/9/2015 15:10	BH	6/11/2015 06:15	BFM	
Fluorene	0.228	mg/Kg	0.112	0.030	1	6/9/2015 15:10	BH	6/11/2015 06:15	BFM	
Indeno(1,2,3-cd)pyrene	0.671	mg/Kg	0.112	0.021	1	6/9/2015 15:10	BH	6/11/2015 06:15	BFM	
Naphthalene	0.033i	mg/Kg	0.112	0.030	1	6/9/2015 15:10	BH	6/11/2015 06:15	BFM	
Phenanthrene	2.59	mg/Kg	0.112	0.020	1	6/9/2015 15:10	BH	6/11/2015 06:15	BFM	
Pyrene	1.82	mg/Kg	0.112	0.025	1	6/9/2015 15:10	BH	6/11/2015 06:15	BFM	
Nitrobenzene-d5 (S)	42	%	20-120		1	6/9/2015 15:10	BH	6/11/2015 06:15	BFM	
2-Fluorobiphenyl (S)	43	%	30-115		1	6/9/2015 15:10	BH	6/11/2015 06:15	BFM	
p-Terphenyl-d14 (S)	62	%	15-140		1	6/9/2015 15:10	BH	6/11/2015 06:15	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	88.6	%	0.1		1			6/4/2015 11:41	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Arsenic	4.0	mg/Kg	0.56	0.093	2	6/9/2015 16:58	ZS	6/10/2015 11:28	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID: **1541962083** Date Received: 5/29/2015 17:20 Matrix: Soil/Solid

Sample ID: **CA-15-0.5** Date Collected: 5/27/2015 10:55

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.108	0.068	1	6/3/2015 09:51	BH	6/5/2015 07:39	BFM	
2-Methylnaphthalene	U	mg/Kg	0.108	0.041	1	6/3/2015 09:51	BH	6/5/2015 07:39	BFM	
Acenaphthene	U	mg/Kg	0.108	0.026	1	6/3/2015 09:51	BH	6/5/2015 07:39	BFM	
Acenaphthylene	U	mg/Kg	0.108	0.026	1	6/3/2015 09:51	BH	6/5/2015 07:39	BFM	
Anthracene	U	mg/Kg	0.108	0.016	1	6/3/2015 09:51	BH	6/5/2015 07:39	BFM	
Benzo(a)anthracene	0.275	mg/Kg	0.108	0.017	1	6/3/2015 09:51	BH	6/5/2015 07:39	BFM	
Benzo(a)pyrene	0.370	mg/Kg	0.108	0.023	1	6/3/2015 09:51	BH	6/5/2015 07:39	BFM	
Benzo(b)fluoranthene	0.657	mg/Kg	0.108	0.016	1	6/3/2015 09:51	BH	6/5/2015 07:39	BFM	
Benzo(g,h,i)perylene	0.469	mg/Kg	0.108	0.040	1	6/3/2015 09:51	BH	6/5/2015 07:39	BFM	
Benzo(k)fluoranthene	0.262	mg/Kg	0.108	0.012	1	6/3/2015 09:51	BH	6/5/2015 07:39	BFM	
Chrysene	0.423	mg/Kg	0.108	0.022	1	6/3/2015 09:51	BH	6/5/2015 07:39	BFM	
Dibenzo(a,h)anthracene	0.126	mg/Kg	0.108	0.040	1	6/3/2015 09:51	BH	6/5/2015 07:39	BFM	
Fluoranthene	0.888	mg/Kg	0.108	0.017	1	6/3/2015 09:51	BH	6/5/2015 07:39	BFM	
Fluorene	U	mg/Kg	0.108	0.029	1	6/3/2015 09:51	BH	6/5/2015 07:39	BFM	
Indeno(1,2,3-cd)pyrene	0.500	mg/Kg	0.108	0.021	1	6/3/2015 09:51	BH	6/5/2015 07:39	BFM	
Naphthalene	U	mg/Kg	0.108	0.029	1	6/3/2015 09:51	BH	6/5/2015 07:39	BFM	
Phenanthrene	0.251	mg/Kg	0.108	0.019	1	6/3/2015 09:51	BH	6/5/2015 07:39	BFM	
Pyrene	0.472	mg/Kg	0.108	0.024	1	6/3/2015 09:51	BH	6/5/2015 07:39	BFM	
Nitrobenzene-d5 (S)	67	%	20-120		1	6/3/2015 09:51	BH	6/5/2015 07:39	BFM	
2-Fluorobiphenyl (S)	65	%	30-115		1	6/3/2015 09:51	BH	6/5/2015 07:39	BFM	
p-Terphenyl-d14 (S)	69	%	15-140		1	6/3/2015 09:51	BH	6/5/2015 07:39	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	91.7	%	0.1		1			6/4/2015 11:41	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	130	mg/Kg	43.5	21.8	4	6/3/2015 09:42	BH	6/5/2015 16:05	BFM	
o-Terphenyl (S)	67	%	50-150		4	6/3/2015 09:42	BH	6/5/2015 16:05	BFM	
n-Triacontane-d62 (S)	84	%	50-150		4	6/3/2015 09:42	BH	6/5/2015 16:05	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	33	mg/Kg	0.55	0.11	2	6/2/2015 08:39	ZS	6/2/2015 22:00	ZS	
Nickel	6.7	mg/Kg	1.7	0.33	2	6/2/2015 08:39	ZS	6/2/2015 22:00	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962083**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-15-0.5**	Date Collected:	5/27/2015 10:55		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	3.9	mg/Kg	0.55	0.089	2	6/2/2015 08:39	ZS	6/2/2015 22:00	ZS	
Antimony	0.065i	mg/Kg	0.55	0.063	2	6/2/2015 08:39	ZS	6/2/2015 22:00	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID: **1541962084** Date Received: 5/29/2015 17:20 Matrix: Soil/Solid

Sample ID: **CA-15-02** Date Collected: 5/27/2015 10:57

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.111	0.070	1	6/3/2015 09:51	BH	6/5/2015 08:04	BFM	
2-Methylnaphthalene	U	mg/Kg	0.111	0.042	1	6/3/2015 09:51	BH	6/5/2015 08:04	BFM	
Acenaphthene	U	mg/Kg	0.111	0.026	1	6/3/2015 09:51	BH	6/5/2015 08:04	BFM	
Acenaphthylene	U	mg/Kg	0.111	0.027	1	6/3/2015 09:51	BH	6/5/2015 08:04	BFM	
Anthracene	U	mg/Kg	0.111	0.016	1	6/3/2015 09:51	BH	6/5/2015 08:04	BFM	
Benzo(a)anthracene	0.099i	mg/Kg	0.111	0.017	1	6/3/2015 09:51	BH	6/5/2015 08:04	BFM	
Benzo(a)pyrene	0.166	mg/Kg	0.111	0.024	1	6/3/2015 09:51	BH	6/5/2015 08:04	BFM	
Benzo(b)fluoranthene	0.299	mg/Kg	0.111	0.017	1	6/3/2015 09:51	BH	6/5/2015 08:04	BFM	
Benzo(g,h,i)perylene	0.153	mg/Kg	0.111	0.041	1	6/3/2015 09:51	BH	6/5/2015 08:04	BFM	
Benzo(k)fluoranthene	0.100i	mg/Kg	0.111	0.012	1	6/3/2015 09:51	BH	6/5/2015 08:04	BFM	
Chrysene	0.165	mg/Kg	0.111	0.023	1	6/3/2015 09:51	BH	6/5/2015 08:04	BFM	
Dibenzo(a,h)anthracene	0.045i	mg/Kg	0.111	0.041	1	6/3/2015 09:51	BH	6/5/2015 08:04	BFM	
Fluoranthene	0.277	mg/Kg	0.111	0.017	1	6/3/2015 09:51	BH	6/5/2015 08:04	BFM	
Fluorene	U	mg/Kg	0.111	0.030	1	6/3/2015 09:51	BH	6/5/2015 08:04	BFM	
Indeno(1,2,3-cd)pyrene	0.165	mg/Kg	0.111	0.021	1	6/3/2015 09:51	BH	6/5/2015 08:04	BFM	
Naphthalene	U	mg/Kg	0.111	0.030	1	6/3/2015 09:51	BH	6/5/2015 08:04	BFM	
Phenanthrene	0.071i	mg/Kg	0.111	0.020	1	6/3/2015 09:51	BH	6/5/2015 08:04	BFM	
Pyrene	0.197	mg/Kg	0.111	0.025	1	6/3/2015 09:51	BH	6/5/2015 08:04	BFM	
Nitrobenzene-d5 (S)	66	%	20-120		1	6/3/2015 09:51	BH	6/5/2015 08:04	BFM	
2-Fluorobiphenyl (S)	64	%	30-115		1	6/3/2015 09:51	BH	6/5/2015 08:04	BFM	
p-Terphenyl-d14 (S)	83	%	15-140		1	6/3/2015 09:51	BH	6/5/2015 08:04	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	90.0	%	0.1		1			6/4/2015 11:41	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	106	mg/Kg	44.4	22.2	4	6/3/2015 09:42	BH	6/5/2015 16:27	BFM	
o-Terphenyl (S)	74	%	50-150		4	6/3/2015 09:42	BH	6/5/2015 16:27	BFM	
n-Triacontane-d62 (S)	95	%	50-150		4	6/3/2015 09:42	BH	6/5/2015 16:27	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	30	mg/Kg	0.56	0.11	2	6/2/2015 08:39	ZS	6/2/2015 22:00	ZS	
Nickel	6.3	mg/Kg	1.7	0.34	2	6/2/2015 08:39	ZS	6/2/2015 22:00	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962084**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-15-02**	Date Collected:	5/27/2015 10:57		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	3.4	mg/Kg	0.56	0.091	2	6/2/2015 08:39	ZS	6/2/2015 22:00	ZS	
Antimony	U	mg/Kg	0.56	0.064	2	6/2/2015 08:39	ZS	6/2/2015 22:00	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID: **1541962085** Date Received: 5/29/2015 17:20 Matrix: Soil/Solid

Sample ID: **CA-15-04** Date Collected: 5/27/2015 10:59

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.112	0.071	1	6/3/2015 09:51	BH	6/5/2015 08:30	BFM	
2-Methylnaphthalene	U	mg/Kg	0.112	0.043	1	6/3/2015 09:51	BH	6/5/2015 08:30	BFM	
Acenaphthene	U	mg/Kg	0.112	0.027	1	6/3/2015 09:51	BH	6/5/2015 08:30	BFM	
Acenaphthylene	U	mg/Kg	0.112	0.027	1	6/3/2015 09:51	BH	6/5/2015 08:30	BFM	
Anthracene	U	mg/Kg	0.112	0.016	1	6/3/2015 09:51	BH	6/5/2015 08:30	BFM	
Benzo(a)anthracene	0.172	mg/Kg	0.112	0.017	1	6/3/2015 09:51	BH	6/5/2015 08:30	BFM	
Benzo(a)pyrene	0.187	mg/Kg	0.112	0.024	1	6/3/2015 09:51	BH	6/5/2015 08:30	BFM	
Benzo(b)fluoranthene	0.306	mg/Kg	0.112	0.017	1	6/3/2015 09:51	BH	6/5/2015 08:30	BFM	
Benzo(g,h,i)perylene	0.166	mg/Kg	0.112	0.042	1	6/3/2015 09:51	BH	6/5/2015 08:30	BFM	
Benzo(k)fluoranthene	0.127	mg/Kg	0.112	0.012	1	6/3/2015 09:51	BH	6/5/2015 08:30	BFM	
Chrysene	0.216	mg/Kg	0.112	0.023	1	6/3/2015 09:51	BH	6/5/2015 08:30	BFM	
Dibenzo(a,h)anthracene	0.046i	mg/Kg	0.112	0.041	1	6/3/2015 09:51	BH	6/5/2015 08:30	BFM	
Fluoranthene	0.435	mg/Kg	0.112	0.017	1	6/3/2015 09:51	BH	6/5/2015 08:30	BFM	
Fluorene	U	mg/Kg	0.112	0.030	1	6/3/2015 09:51	BH	6/5/2015 08:30	BFM	
Indeno(1,2,3-cd)pyrene	0.178	mg/Kg	0.112	0.022	1	6/3/2015 09:51	BH	6/5/2015 08:30	BFM	
Naphthalene	U	mg/Kg	0.112	0.031	1	6/3/2015 09:51	BH	6/5/2015 08:30	BFM	
Phenanthrene	U	mg/Kg	0.112	0.020	1	6/3/2015 09:51	BH	6/5/2015 08:30	BFM	
Pyrene	0.240	mg/Kg	0.112	0.025	1	6/3/2015 09:51	BH	6/5/2015 08:30	BFM	
Nitrobenzene-d5 (S)	50	%	20-120		1	6/3/2015 09:51	BH	6/5/2015 08:30	BFM	
2-Fluorobiphenyl (S)	57	%	30-115		1	6/3/2015 09:51	BH	6/5/2015 08:30	BFM	
p-Terphenyl-d14 (S)	56	%	15-140		1	6/3/2015 09:51	BH	6/5/2015 08:30	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	89.4	%	0.1		1			6/4/2015 11:41	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	111	mg/Kg	45.0	22.5	4	6/3/2015 09:42	BH	6/5/2015 16:48	BFM	
o-Terphenyl (S)	68	%	50-150		4	6/3/2015 09:42	BH	6/5/2015 16:48	BFM	
n-Triacontane-d62 (S)	85	%	50-150		4	6/3/2015 09:42	BH	6/5/2015 16:48	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	76	mg/Kg	0.56	0.11	2	6/2/2015 08:39	ZS	6/2/2015 22:00	ZS	
Nickel	22	mg/Kg	1.7	0.34	2	6/2/2015 08:39	ZS	6/2/2015 22:00	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962085**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-15-04**	Date Collected:	5/27/2015 10:59		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	6.8	mg/Kg	0.56	0.092	2	6/2/2015 08:39	ZS	6/2/2015 22:00	ZS	
Antimony	0.79	mg/Kg	0.56	0.065	2	6/2/2015 08:39	ZS	6/2/2015 22:00	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962086**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-15-06**	Date Collected:	5/27/2015 11:01		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.113	0.072	1	6/3/2015 09:51	BH	6/5/2015 08:56	BFM	
2-Methylnaphthalene	U	mg/Kg	0.113	0.043	1	6/3/2015 09:51	BH	6/5/2015 08:56	BFM	
Acenaphthene	0.205	mg/Kg	0.113	0.027	1	6/3/2015 09:51	BH	6/5/2015 08:56	BFM	
Acenaphthylene	U	mg/Kg	0.113	0.027	1	6/3/2015 09:51	BH	6/5/2015 08:56	BFM	
Anthracene	0.610	mg/Kg	0.113	0.016	1	6/3/2015 09:51	BH	6/5/2015 08:56	BFM	
Benzo(a)anthracene	1.07	mg/Kg	0.113	0.018	1	6/3/2015 09:51	BH	6/5/2015 08:56	BFM	
Benzo(a)pyrene	0.961	mg/Kg	0.113	0.024	1	6/3/2015 09:51	BH	6/5/2015 08:56	BFM	
Benzo(b)fluoranthene	1.55	mg/Kg	0.113	0.017	1	6/3/2015 09:51	BH	6/5/2015 08:56	BFM	
Benzo(g,h,i)perylene	0.685	mg/Kg	0.113	0.042	1	6/3/2015 09:51	BH	6/5/2015 08:56	BFM	
Benzo(k)fluoranthene	0.505	mg/Kg	0.113	0.012	1	6/3/2015 09:51	BH	6/5/2015 08:56	BFM	
Chrysene	1.16	mg/Kg	0.113	0.023	1	6/3/2015 09:51	BH	6/5/2015 08:56	BFM	
Dibenzo(a,h)anthracene	0.223	mg/Kg	0.113	0.042	1	6/3/2015 09:51	BH	6/5/2015 08:56	BFM	
Fluoranthene	3.42	mg/Kg	0.113	0.017	1	6/3/2015 09:51	BH	6/5/2015 08:56	BFM	
Fluorene	0.159	mg/Kg	0.113	0.030	1	6/3/2015 09:51	BH	6/5/2015 08:56	BFM	
Indeno(1,2,3-cd)pyrene	0.778	mg/Kg	0.113	0.022	1	6/3/2015 09:51	BH	6/5/2015 08:56	BFM	
Naphthalene	U	mg/Kg	0.113	0.031	1	6/3/2015 09:51	BH	6/5/2015 08:56	BFM	
Phenanthrene	2.26	mg/Kg	0.113	0.020	1	6/3/2015 09:51	BH	6/5/2015 08:56	BFM	
Pyrene	1.51	mg/Kg	0.113	0.025	1	6/3/2015 09:51	BH	6/5/2015 08:56	BFM	
Nitrobenzene-d5 (S)	66	%	20-120		1	6/3/2015 09:51	BH	6/5/2015 08:56	BFM	
2-Fluorobiphenyl (S)	66	%	30-115		1	6/3/2015 09:51	BH	6/5/2015 08:56	BFM	
p-Terphenyl-d14 (S)	62	%	15-140		1	6/3/2015 09:51	BH	6/5/2015 08:56	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	88.2	%	0.1		1			6/4/2015 11:41	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	224	mg/Kg	45.4	22.7	4	6/3/2015 09:42	BH	6/5/2015 17:10	BFM	
o-Terphenyl (S)	73	%	50-150		4	6/3/2015 09:42	BH	6/5/2015 17:10	BFM	
n-Triacontane-d62 (S)	93	%	50-150		4	6/3/2015 09:42	BH	6/5/2015 17:10	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	28	mg/Kg	0.57	0.11	2	6/2/2015 08:39	ZS	6/2/2015 22:00	ZS	
Nickel	7.6	mg/Kg	1.7	0.35	2	6/2/2015 08:39	ZS	6/2/2015 22:00	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962086**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-15-06**	Date Collected:	5/27/2015 11:01		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	2.3	mg/Kg	0.57	0.093	2	6/2/2015 08:39	ZS	6/2/2015 22:00	ZS	
Antimony	U	mg/Kg	0.57	0.066	2	6/2/2015 08:39	ZS	6/2/2015 22:00	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID: **1541962087** Date Received: 5/29/2015 17:20 Matrix: Soil/Solid

Sample ID: **CA-15-08** Date Collected: 5/27/2015 11:03

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.117	0.074	1	6/3/2015 09:51	BH	6/6/2015 00:02	BFM	
2-Methylnaphthalene	U	mg/Kg	0.117	0.045	1	6/3/2015 09:51	BH	6/6/2015 00:02	BFM	
Acenaphthene	0.347	mg/Kg	0.117	0.028	1	6/3/2015 09:51	BH	6/6/2015 00:02	BFM	
Acenaphthylene	U	mg/Kg	0.117	0.028	1	6/3/2015 09:51	BH	6/6/2015 00:02	BFM	
Anthracene	1.70	mg/Kg	0.117	0.017	1	6/3/2015 09:51	BH	6/6/2015 00:02	BFM	
Benzo(a)anthracene	4.02	mg/Kg	0.117	0.018	1	6/3/2015 09:51	BH	6/6/2015 00:02	BFM	
Benzo(a)pyrene	3.03	mg/Kg	0.117	0.025	1	6/3/2015 09:51	BH	6/6/2015 00:02	BFM	
Benzo(b)fluoranthene	4.65	mg/Kg	0.117	0.018	1	6/3/2015 09:51	BH	6/6/2015 00:02	BFM	
Benzo(g,h,i)perylene	1.75	mg/Kg	0.117	0.043	1	6/3/2015 09:51	BH	6/6/2015 00:02	BFM	
Benzo(k)fluoranthene	1.31	mg/Kg	0.117	0.013	1	6/3/2015 09:51	BH	6/6/2015 00:02	BFM	
Chrysene	3.71	mg/Kg	0.117	0.024	1	6/3/2015 09:51	BH	6/6/2015 00:02	BFM	
Dibenzo(a,h)anthracene	0.592	mg/Kg	0.117	0.043	1	6/3/2015 09:51	BH	6/6/2015 00:02	BFM	
Fluoranthene	7.90	mg/Kg	0.117	0.018	1	6/3/2015 09:51	BH	6/6/2015 00:02	BFM	L
Fluorene	0.357	mg/Kg	0.117	0.031	1	6/3/2015 09:51	BH	6/6/2015 00:02	BFM	
Indeno(1,2,3-cd)pyrene	1.92	mg/Kg	0.117	0.022	1	6/3/2015 09:51	BH	6/6/2015 00:02	BFM	
Naphthalene	0.045i	mg/Kg	0.117	0.032	1	6/3/2015 09:51	BH	6/6/2015 00:02	BFM	
Phenanthrene	4.91	mg/Kg	0.117	0.021	1	6/3/2015 09:51	BH	6/6/2015 00:02	BFM	
Pyrene	5.52	mg/Kg	0.117	0.026	1	6/3/2015 09:51	BH	6/6/2015 00:02	BFM	
Nitrobenzene-d5 (S)	67	%	20-120		1	6/3/2015 09:51	BH	6/6/2015 00:02	BFM	
2-Fluorobiphenyl (S)	61	%	30-115		1	6/3/2015 09:51	BH	6/6/2015 00:02	BFM	
p-Terphenyl-d14 (S)	76	%	15-140		1	6/3/2015 09:51	BH	6/6/2015 00:02	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	85.3	%	0.1		1			6/4/2015 11:41	ZS	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (S)					Preparation Method: EPA 3545					
					Analytical Method: FL-PRO (GC)					
Florida Pro Total	312	mg/Kg	46.9	23.4	4	6/3/2015 09:42	BH	6/5/2015 17:31	BFM	
o-Terphenyl (S)	69	%	50-150		4	6/3/2015 09:42	BH	6/5/2015 17:31	BFM	
n-Triacontane-d62 (S)	116	%	50-150		4	6/3/2015 09:42	BH	6/5/2015 17:31	BFM	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Vanadium	45	mg/Kg	0.59	0.11	2	6/2/2015 08:39	ZS	6/2/2015 22:00	ZS	
Nickel	14	mg/Kg	1.8	0.36	2	6/2/2015 08:39	ZS	6/2/2015 22:00	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962087**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-15-08**	Date Collected:	5/27/2015 11:03		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Arsenic	3.2	mg/Kg	0.59	0.096	2	6/2/2015 08:39	ZS	6/2/2015 22:00	ZS	
Antimony	0.25i	mg/Kg	0.59	0.068	2	6/2/2015 08:39	ZS	6/2/2015 22:00	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962088**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-16-0.5**	Date Collected:	5/27/2015 14:40		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	88.9	%	0.1		1			6/4/2015 11:41	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B Analytical Method: EPA 6020					
Arsenic	2.1	mg/Kg	0.56	0.092	2	6/2/2015 08:39	ZS	6/2/2015 22:00	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962089**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-16-02**	Date Collected:	5/27/2015 14:41		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	80.0	%	0.1		1			6/4/2015 11:41	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B Analytical Method: EPA 6020					
Arsenic	0.46i	mg/Kg	0.63	0.10	2	6/2/2015 08:39	ZS	6/2/2015 22:00	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962090**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-16-04**	Date Collected:	5/27/2015 14:42		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	82.0	%	0.1		1			6/4/2015 11:41	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B Analytical Method: EPA 6020					
Arsenic	0.89	mg/Kg	0.61	0.10	2	6/2/2015 08:39	ZS	6/2/2015 22:00	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962091**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-16-06**	Date Collected:	5/27/2015 14:43		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	86.2	%	0.1		1			6/4/2015 11:41	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B Analytical Method: EPA 6020					
Arsenic	0.90	mg/Kg	0.58	0.095	2	6/2/2015 08:39	ZS	6/2/2015 22:00	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962092**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-16-08**	Date Collected:	5/27/2015 14:44		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	85.0	%	0.1		1			6/4/2015 11:41	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B Analytical Method: EPA 6020					
Arsenic	1.2	mg/Kg	0.59	0.096	2	6/2/2015 08:39	ZS	6/2/2015 22:00	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962093**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-16-10**	Date Collected:	5/27/2015 14:45		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	85.5	%	0.1		1			6/4/2015 11:45	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B Analytical Method: EPA 6020					
Arsenic	1.1	mg/Kg	0.58	0.096	2	6/2/2015 08:39	ZS	6/2/2015 22:00	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962094**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-17-0.5**	Date Collected:	5/27/2015 14:33		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	85.1	%	0.1		1			6/4/2015 11:45	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B Analytical Method: EPA 6020					
Arsenic	0.91	mg/Kg	0.59	0.096	2	6/2/2015 08:39	ZS	6/2/2015 22:00	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962095**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-17-02**	Date Collected:	5/27/2015 14:34		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	94.8	%	0.1		1			6/4/2015 11:45	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B Analytical Method: EPA 6020					
Arsenic	0.73	mg/Kg	0.53	0.086	2	6/2/2015 08:41	ZS	6/3/2015 00:27	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962096**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-17-04**	Date Collected:	5/27/2015 14:35		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	86.9	%	0.1		1			6/4/2015 11:45	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B Analytical Method: EPA 6020					
Arsenic	0.16i	mg/Kg	0.58	0.094	2	6/2/2015 08:41	ZS	6/3/2015 00:27	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962097**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-17-06**	Date Collected:	5/27/2015 14:36		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	85.7	%	0.1		1			6/4/2015 11:45	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B Analytical Method: EPA 6020					
Arsenic	U	mg/Kg	0.58	0.096	2	6/2/2015 08:41	ZS	6/3/2015 00:27	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962098**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-17-08**	Date Collected:	5/27/2015 14:37		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	79.7	%	0.1		1			6/4/2015 11:45	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B Analytical Method: EPA 6020					
Arsenic	0.16i	mg/Kg	0.63	0.10	2	6/2/2015 08:41	ZS	6/3/2015 00:27	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962099**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-17-10**	Date Collected:	5/27/2015 14:38		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	84.9	%	0.1		1			6/4/2015 11:45	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B Analytical Method: EPA 6020					
Arsenic	0.15i	mg/Kg	0.59	0.097	2	6/2/2015 08:41	ZS	6/3/2015 00:27	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962100**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-18-0.5**	Date Collected:	5/27/2015 14:26		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	95.2	%	0.1		1			6/4/2015 11:45	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B Analytical Method: EPA 6020					
Arsenic	4.1	mg/Kg	0.52	0.086	2	6/2/2015 08:41	ZS	6/3/2015 00:27	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962101**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-18-02**	Date Collected:	5/27/2015 14:27		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	95.2	%	0.1		1			6/4/2015 11:45	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B Analytical Method: EPA 6020					
Arsenic	1.3	mg/Kg	0.52	0.086	2	6/2/2015 08:41	ZS	6/3/2015 00:27	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962102**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-18-04**	Date Collected:	5/27/2015 14:28		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	85.9	%	0.1		1			6/4/2015 11:45	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B Analytical Method: EPA 6020					
Arsenic	U	mg/Kg	0.58	0.095	2	6/2/2015 08:41	ZS	6/3/2015 00:27	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962103**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-18-06**	Date Collected:	5/27/2015 14:29		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	86.9	%	0.1		1			6/4/2015 11:45	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B Analytical Method: EPA 6020					
Arsenic	U	mg/Kg	0.58	0.094	2	6/2/2015 08:41	ZS	6/3/2015 00:27	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962104**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-18-08**	Date Collected:	5/27/2015 14:30		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	84.6	%	0.1		1			6/4/2015 11:45	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B Analytical Method: EPA 6020					
Arsenic	0.12i	mg/Kg	0.59	0.097	2	6/2/2015 08:41	ZS	6/3/2015 00:27	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962105**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-18-10**	Date Collected:	5/27/2015 14:31		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	84.1	%	0.1		1			6/4/2015 11:45	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B Analytical Method: EPA 6020					
Arsenic	0.15i	mg/Kg	0.59	0.097	2	6/2/2015 08:41	ZS	6/3/2015 00:27	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962106**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-19-0.5**	Date Collected:	5/27/2015 14:20		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	90.9	%	0.1		1			6/4/2015 11:45	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B Analytical Method: EPA 6020					
Arsenic	3.8	mg/Kg	0.55	0.090	2	6/2/2015 08:41	ZS	6/3/2015 00:27	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962107**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-19-02**	Date Collected:	5/27/2015 14:21		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	91.8	%	0.1		1			6/4/2015 11:45	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B Analytical Method: EPA 6020					
Arsenic	19	mg/Kg	0.54	0.089	2	6/2/2015 08:41	ZS	6/3/2015 00:27	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962108**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-19-04**	Date Collected:	5/27/2015 14:22		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	93.2	%	0.1		1			6/4/2015 11:45	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B Analytical Method: EPA 6020					
Arsenic	0.67	mg/Kg	0.54	0.088	2	6/2/2015 08:41	ZS	6/3/2015 00:27	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962109**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-19-06**	Date Collected:	5/27/2015 14:23		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	90.3	%	0.1		1			6/4/2015 11:45	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B Analytical Method: EPA 6020					
Arsenic	0.35i	mg/Kg	0.55	0.091	2	6/2/2015 08:41	ZS	6/3/2015 00:27	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962110**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-19-08**	Date Collected:	5/27/2015 14:24		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	84.3	%	0.1		1			6/4/2015 11:45	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B Analytical Method: EPA 6020					
Arsenic	0.17i	mg/Kg	0.59	0.097	2	6/2/2015 08:41	ZS	6/3/2015 00:27	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962111**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-19-10**	Date Collected:	5/27/2015 14:25		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	82.4	%	0.1		1			6/4/2015 11:45	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B Analytical Method: EPA 6020					
Arsenic	0.10i	mg/Kg	0.61	0.10	2	6/2/2015 08:41	ZS	6/3/2015 00:27	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962112**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-20-0.5**	Date Collected:	5/27/2015 08:50		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	91.4	%	0.1		1			6/4/2015 11:45	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B Analytical Method: EPA 6020					
Arsenic	5.1	mg/Kg	0.55	0.090	2	6/2/2015 08:41	ZS	6/3/2015 00:27	ZS	
Vanadium	6.9	mg/Kg	0.55	0.11	2	6/2/2015 08:41	ZS	6/3/2015 00:27	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962113**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-20-02**	Date Collected:	5/27/2015 08:52		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	84.3	%	0.1		1			6/4/2015 11:49	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B Analytical Method: EPA 6020					
Arsenic	1.9	mg/Kg	0.59	0.097	2	6/2/2015 08:41	ZS	6/3/2015 00:27	ZS	
Vanadium	6.8	mg/Kg	0.59	0.12	2	6/2/2015 08:41	ZS	6/3/2015 00:27	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962114**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-20-04**	Date Collected:	5/27/2015 08:54		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	89.2	%	0.1		1			6/4/2015 11:49	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B Analytical Method: EPA 6020					
Vanadium	8.0	mg/Kg	0.56	0.11	2	6/2/2015 08:41	ZS	6/3/2015 00:27	ZS	
Arsenic	7.6	mg/Kg	0.56	0.092	2	6/2/2015 08:41	ZS	6/3/2015 00:27	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962115**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-20-06**	Date Collected:	5/27/2015 08:56		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	86.2	%	0.1		1			6/4/2015 11:49	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B Analytical Method: EPA 6020					
Arsenic	0.65	mg/Kg	0.58	0.095	2	6/2/2015 10:53	ZS	6/2/2015 15:38	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962116**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-20-08**	Date Collected:	5/27/2015 08:58		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	84.3	%	0.1		1			6/4/2015 11:49	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B Analytical Method: EPA 6020					
Arsenic	0.63	mg/Kg	0.59	0.097	2	6/2/2015 10:53	ZS	6/2/2015 15:38	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962117**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-20-10**	Date Collected:	5/27/2015 08:59		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	87.5	%	0.1		1			6/4/2015 11:49	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B Analytical Method: EPA 6020					
Arsenic	1.4	mg/Kg	0.57	0.094	2	6/2/2015 10:53	ZS	6/2/2015 15:38	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962118**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-21-0.5**	Date Collected:	5/27/2015 14:08		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.106	0.067	1	6/3/2015 10:44	BH	6/6/2015 00:28	BFM	
2-Methylnaphthalene	U	mg/Kg	0.106	0.041	1	6/3/2015 10:44	BH	6/6/2015 00:28	BFM	
Acenaphthene	U	mg/Kg	0.106	0.025	1	6/3/2015 10:44	BH	6/6/2015 00:28	BFM	
Acenaphthylene	U	mg/Kg	0.106	0.026	1	6/3/2015 10:44	BH	6/6/2015 00:28	BFM	
Anthracene	0.064i	mg/Kg	0.106	0.015	1	6/3/2015 10:44	BH	6/6/2015 00:28	BFM	
Benzo(a)anthracene	0.400	mg/Kg	0.106	0.016	1	6/3/2015 10:44	BH	6/6/2015 00:28	BFM	
Benzo(a)pyrene	0.459	mg/Kg	0.106	0.023	1	6/3/2015 10:44	BH	6/6/2015 00:28	BFM	
Benzo(b)fluoranthene	0.856	mg/Kg	0.106	0.016	1	6/3/2015 10:44	BH	6/6/2015 00:28	BFM	
Benzo(g,h,i)perylene	0.368	mg/Kg	0.106	0.039	1	6/3/2015 10:44	BH	6/6/2015 00:28	BFM	
Benzo(k)fluoranthene	0.272	mg/Kg	0.106	0.012	1	6/3/2015 10:44	BH	6/6/2015 00:28	BFM	
Chrysene	0.508	mg/Kg	0.106	0.022	1	6/3/2015 10:44	BH	6/6/2015 00:28	BFM	
Dibenzo(a,h)anthracene	0.088i	mg/Kg	0.106	0.039	1	6/3/2015 10:44	BH	6/6/2015 00:28	BFM	
Fluoranthene	0.761	mg/Kg	0.106	0.016	1	6/3/2015 10:44	BH	6/6/2015 00:28	BFM	
Fluorene	U	mg/Kg	0.106	0.028	1	6/3/2015 10:44	BH	6/6/2015 00:28	BFM	
Indeno(1,2,3-cd)pyrene	0.372	mg/Kg	0.106	0.020	1	6/3/2015 10:44	BH	6/6/2015 00:28	BFM	
Naphthalene	U	mg/Kg	0.106	0.029	1	6/3/2015 10:44	BH	6/6/2015 00:28	BFM	
Phenanthrene	0.215	mg/Kg	0.106	0.019	1	6/3/2015 10:44	BH	6/6/2015 00:28	BFM	
Pyrene	0.602	mg/Kg	0.106	0.024	1	6/3/2015 10:44	BH	6/6/2015 00:28	BFM	
Nitrobenzene-d5 (S)	80	%	20-120		1	6/3/2015 10:44	BH	6/6/2015 00:28	BFM	
2-Fluorobiphenyl (S)	73	%	30-115		1	6/3/2015 10:44	BH	6/6/2015 00:28	BFM	
p-Terphenyl-d14 (S)	82	%	15-140		1	6/3/2015 10:44	BH	6/6/2015 00:28	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	94.4	%	0.1		1			6/4/2015 11:49	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Arsenic	3.6	mg/Kg	0.53	0.087	2	6/2/2015 10:53	ZS	6/2/2015 15:38	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962119**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-21-02**	Date Collected:	5/27/2015 14:10		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.106	0.067	1	6/3/2015 10:44	BH	6/6/2015 00:53	BFM	
2-Methylnaphthalene	U	mg/Kg	0.106	0.040	1	6/3/2015 10:44	BH	6/6/2015 00:53	BFM	
Acenaphthene	U	mg/Kg	0.106	0.025	1	6/3/2015 10:44	BH	6/6/2015 00:53	BFM	
Acenaphthylene	U	mg/Kg	0.106	0.026	1	6/3/2015 10:44	BH	6/6/2015 00:53	BFM	
Anthracene	U	mg/Kg	0.106	0.015	1	6/3/2015 10:44	BH	6/6/2015 00:53	BFM	
Benzo(a)anthracene	0.092i	mg/Kg	0.106	0.016	1	6/3/2015 10:44	BH	6/6/2015 00:53	BFM	
Benzo(a)pyrene	0.106	mg/Kg	0.106	0.022	1	6/3/2015 10:44	BH	6/6/2015 00:53	BFM	
Benzo(b)fluoranthene	0.216	mg/Kg	0.106	0.016	1	6/3/2015 10:44	BH	6/6/2015 00:53	BFM	
Benzo(g,h,i)perylene	0.112	mg/Kg	0.106	0.039	1	6/3/2015 10:44	BH	6/6/2015 00:53	BFM	
Benzo(k)fluoranthene	0.064i	mg/Kg	0.106	0.012	1	6/3/2015 10:44	BH	6/6/2015 00:53	BFM	
Chrysene	0.112	mg/Kg	0.106	0.022	1	6/3/2015 10:44	BH	6/6/2015 00:53	BFM	
Dibenzo(a,h)anthracene	0.043i	mg/Kg	0.106	0.039	1	6/3/2015 10:44	BH	6/6/2015 00:53	BFM	
Fluoranthene	0.186	mg/Kg	0.106	0.016	1	6/3/2015 10:44	BH	6/6/2015 00:53	BFM	
Fluorene	U	mg/Kg	0.106	0.028	1	6/3/2015 10:44	BH	6/6/2015 00:53	BFM	
Indeno(1,2,3-cd)pyrene	0.141	mg/Kg	0.106	0.020	1	6/3/2015 10:44	BH	6/6/2015 00:53	BFM	
Naphthalene	U	mg/Kg	0.106	0.029	1	6/3/2015 10:44	BH	6/6/2015 00:53	BFM	
Phenanthrene	0.046i	mg/Kg	0.106	0.019	1	6/3/2015 10:44	BH	6/6/2015 00:53	BFM	
Pyrene	0.135	mg/Kg	0.106	0.023	1	6/3/2015 10:44	BH	6/6/2015 00:53	BFM	
Nitrobenzene-d5 (S)	76	%	20-120		1	6/3/2015 10:44	BH	6/6/2015 00:53	BFM	
2-Fluorobiphenyl (S)	69	%	30-115		1	6/3/2015 10:44	BH	6/6/2015 00:53	BFM	
p-Terphenyl-d14 (S)	80	%	15-140		1	6/3/2015 10:44	BH	6/6/2015 00:53	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	94.1	%	0.1		1			6/4/2015 11:49	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Arsenic	3.2	mg/Kg	0.53	0.087	2	6/2/2015 10:53	ZS	6/2/2015 15:38	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962120**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-21-04**	Date Collected:	5/27/2015 14:12		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.102	0.064	1	6/3/2015 10:44	BH	6/6/2015 01:19	BFM	
2-Methylnaphthalene	U	mg/Kg	0.102	0.039	1	6/3/2015 10:44	BH	6/6/2015 01:19	BFM	
Acenaphthene	U	mg/Kg	0.102	0.024	1	6/3/2015 10:44	BH	6/6/2015 01:19	BFM	
Acenaphthylene	U	mg/Kg	0.102	0.025	1	6/3/2015 10:44	BH	6/6/2015 01:19	BFM	
Anthracene	U	mg/Kg	0.102	0.015	1	6/3/2015 10:44	BH	6/6/2015 01:19	BFM	
Benzo(a)anthracene	0.030i	mg/Kg	0.102	0.016	1	6/3/2015 10:44	BH	6/6/2015 01:19	BFM	
Benzo(a)pyrene	0.037i	mg/Kg	0.102	0.022	1	6/3/2015 10:44	BH	6/6/2015 01:19	BFM	
Benzo(b)fluoranthene	0.057i	mg/Kg	0.102	0.015	1	6/3/2015 10:44	BH	6/6/2015 01:19	BFM	
Benzo(g,h,i)perylene	0.045i	mg/Kg	0.102	0.038	1	6/3/2015 10:44	BH	6/6/2015 01:19	BFM	
Benzo(k)fluoranthene	0.020i	mg/Kg	0.102	0.011	1	6/3/2015 10:44	BH	6/6/2015 01:19	BFM	
Chrysene	0.033i	mg/Kg	0.102	0.021	1	6/3/2015 10:44	BH	6/6/2015 01:19	BFM	
Dibenzo(a,h)anthracene	U	mg/Kg	0.102	0.037	1	6/3/2015 10:44	BH	6/6/2015 01:19	BFM	
Fluoranthene	0.060i	mg/Kg	0.102	0.016	1	6/3/2015 10:44	BH	6/6/2015 01:19	BFM	
Fluorene	U	mg/Kg	0.102	0.027	1	6/3/2015 10:44	BH	6/6/2015 01:19	BFM	
Indeno(1,2,3-cd)pyrene	0.054i	mg/Kg	0.102	0.020	1	6/3/2015 10:44	BH	6/6/2015 01:19	BFM	
Naphthalene	U	mg/Kg	0.102	0.028	1	6/3/2015 10:44	BH	6/6/2015 01:19	BFM	
Phenanthrene	0.022i	mg/Kg	0.102	0.018	1	6/3/2015 10:44	BH	6/6/2015 01:19	BFM	
Pyrene	0.047i	mg/Kg	0.102	0.023	1	6/3/2015 10:44	BH	6/6/2015 01:19	BFM	
Nitrobenzene-d5 (S)	72	%	20-120		1	6/3/2015 10:44	BH	6/6/2015 01:19	BFM	
2-Fluorobiphenyl (S)	68	%	30-115		1	6/3/2015 10:44	BH	6/6/2015 01:19	BFM	
p-Terphenyl-d14 (S)	86	%	15-140		1	6/3/2015 10:44	BH	6/6/2015 01:19	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	97.4	%	0.1		1			6/4/2015 11:49	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Arsenic	6.0	mg/Kg	0.51	0.084	2	6/2/2015 10:53	ZS	6/2/2015 15:38	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962121**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-21-06**	Date Collected:	5/27/2015 14:14		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.109	0.069	1	6/3/2015 10:44	BH	6/6/2015 01:45	BFM	
2-Methylnaphthalene	U	mg/Kg	0.109	0.042	1	6/3/2015 10:44	BH	6/6/2015 01:45	BFM	
Acenaphthene	U	mg/Kg	0.109	0.026	1	6/3/2015 10:44	BH	6/6/2015 01:45	BFM	
Acenaphthylene	U	mg/Kg	0.109	0.026	1	6/3/2015 10:44	BH	6/6/2015 01:45	BFM	
Anthracene	0.043i	mg/Kg	0.109	0.016	1	6/3/2015 10:44	BH	6/6/2015 01:45	BFM	
Benzo(a)anthracene	0.187	mg/Kg	0.109	0.017	1	6/3/2015 10:44	BH	6/6/2015 01:45	BFM	
Benzo(a)pyrene	0.214	mg/Kg	0.109	0.023	1	6/3/2015 10:44	BH	6/6/2015 01:45	BFM	
Benzo(b)fluoranthene	0.343	mg/Kg	0.109	0.016	1	6/3/2015 10:44	BH	6/6/2015 01:45	BFM	
Benzo(g,h,i)perylene	0.166	mg/Kg	0.109	0.041	1	6/3/2015 10:44	BH	6/6/2015 01:45	BFM	
Benzo(k)fluoranthene	0.130	mg/Kg	0.109	0.012	1	6/3/2015 10:44	BH	6/6/2015 01:45	BFM	
Chrysene	0.217	mg/Kg	0.109	0.022	1	6/3/2015 10:44	BH	6/6/2015 01:45	BFM	
Dibenzo(a,h)anthracene	0.055i	mg/Kg	0.109	0.040	1	6/3/2015 10:44	BH	6/6/2015 01:45	BFM	
Fluoranthene	0.390	mg/Kg	0.109	0.017	1	6/3/2015 10:44	BH	6/6/2015 01:45	BFM	
Fluorene	U	mg/Kg	0.109	0.029	1	6/3/2015 10:44	BH	6/6/2015 01:45	BFM	
Indeno(1,2,3-cd)pyrene	0.161	mg/Kg	0.109	0.021	1	6/3/2015 10:44	BH	6/6/2015 01:45	BFM	
Naphthalene	U	mg/Kg	0.109	0.030	1	6/3/2015 10:44	BH	6/6/2015 01:45	BFM	
Phenanthrene	0.145	mg/Kg	0.109	0.019	1	6/3/2015 10:44	BH	6/6/2015 01:45	BFM	
Pyrene	0.288	mg/Kg	0.109	0.024	1	6/3/2015 10:44	BH	6/6/2015 01:45	BFM	
Nitrobenzene-d5 (S)	73	%	20-120		1	6/3/2015 10:44	BH	6/6/2015 01:45	BFM	
2-Fluorobiphenyl (S)	67	%	30-115		1	6/3/2015 10:44	BH	6/6/2015 01:45	BFM	
p-Terphenyl-d14 (S)	80	%	15-140		1	6/3/2015 10:44	BH	6/6/2015 01:45	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	91.4	%	0.1		1			6/4/2015 11:49	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Arsenic	4.1	mg/Kg	0.55	0.090	2	6/2/2015 10:53	ZS	6/2/2015 15:38	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962122**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-21-08**	Date Collected:	5/27/2015 14:16		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.114	0.072	1	6/9/2015 15:10	BH	6/10/2015 22:04	BFM	
2-Methylnaphthalene	U	mg/Kg	0.114	0.044	1	6/9/2015 15:10	BH	6/10/2015 22:04	BFM	
Acenaphthene	U	mg/Kg	0.114	0.027	1	6/9/2015 15:10	BH	6/10/2015 22:04	BFM	
Acenaphthylene	U	mg/Kg	0.114	0.027	1	6/9/2015 15:10	BH	6/10/2015 22:04	BFM	
Anthracene	U	mg/Kg	0.114	0.017	1	6/9/2015 15:10	BH	6/10/2015 22:04	BFM	
Benzo(a)anthracene	U	mg/Kg	0.114	0.018	1	6/9/2015 15:10	BH	6/10/2015 22:04	BFM	
Benzo(a)pyrene	U	mg/Kg	0.114	0.024	1	6/9/2015 15:10	BH	6/10/2015 22:04	BFM	
Benzo(b)fluoranthene	U	mg/Kg	0.114	0.017	1	6/9/2015 15:10	BH	6/10/2015 22:04	BFM	
Benzo(g,h,i)perylene	U	mg/Kg	0.114	0.042	1	6/9/2015 15:10	BH	6/10/2015 22:04	BFM	
Benzo(k)fluoranthene	U	mg/Kg	0.114	0.012	1	6/9/2015 15:10	BH	6/10/2015 22:04	BFM	
Chrysene	U	mg/Kg	0.114	0.023	1	6/9/2015 15:10	BH	6/10/2015 22:04	BFM	
Dibenzo(a,h)anthracene	U	mg/Kg	0.114	0.042	1	6/9/2015 15:10	BH	6/10/2015 22:04	BFM	
Fluoranthene	U	mg/Kg	0.114	0.018	1	6/9/2015 15:10	BH	6/10/2015 22:04	BFM	
Fluorene	U	mg/Kg	0.114	0.030	1	6/9/2015 15:10	BH	6/10/2015 22:04	BFM	
Indeno(1,2,3-cd)pyrene	U	mg/Kg	0.114	0.022	1	6/9/2015 15:10	BH	6/10/2015 22:04	BFM	
Naphthalene	U	mg/Kg	0.114	0.031	1	6/9/2015 15:10	BH	6/10/2015 22:04	BFM	
Phenanthrene	U	mg/Kg	0.114	0.020	1	6/9/2015 15:10	BH	6/10/2015 22:04	BFM	
Pyrene	U	mg/Kg	0.114	0.025	1	6/9/2015 15:10	BH	6/10/2015 22:04	BFM	
Nitrobenzene-d5 (S)	56	%	20-120		1	6/9/2015 15:10	BH	6/10/2015 22:04	BFM	
2-Fluorobiphenyl (S)	51	%	30-115		1	6/9/2015 15:10	BH	6/10/2015 22:04	BFM	
p-Terphenyl-d14 (S)	76	%	15-140		1	6/9/2015 15:10	BH	6/10/2015 22:04	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	85.9	%	0.1		1			6/4/2015 11:49	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Arsenic	0.87	mg/Kg	0.58	0.095	2	6/19/2015 16:58	ZS	6/22/2015 12:47	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962123**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-21-10**	Date Collected:	5/27/2015 14:18		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.113	0.071	1	6/9/2015 15:10	BH	6/10/2015 22:30	BFM	
2-Methylnaphthalene	U	mg/Kg	0.113	0.043	1	6/9/2015 15:10	BH	6/10/2015 22:30	BFM	
Acenaphthene	U	mg/Kg	0.113	0.027	1	6/9/2015 15:10	BH	6/10/2015 22:30	BFM	
Acenaphthylene	U	mg/Kg	0.113	0.027	1	6/9/2015 15:10	BH	6/10/2015 22:30	BFM	
Anthracene	U	mg/Kg	0.113	0.016	1	6/9/2015 15:10	BH	6/10/2015 22:30	BFM	
Benzo(a)anthracene	U	mg/Kg	0.113	0.018	1	6/9/2015 15:10	BH	6/10/2015 22:30	BFM	
Benzo(a)pyrene	U	mg/Kg	0.113	0.024	1	6/9/2015 15:10	BH	6/10/2015 22:30	BFM	
Benzo(b)fluoranthene	U	mg/Kg	0.113	0.017	1	6/9/2015 15:10	BH	6/10/2015 22:30	BFM	
Benzo(g,h,i)perylene	U	mg/Kg	0.113	0.042	1	6/9/2015 15:10	BH	6/10/2015 22:30	BFM	
Benzo(k)fluoranthene	U	mg/Kg	0.113	0.012	1	6/9/2015 15:10	BH	6/10/2015 22:30	BFM	
Chrysene	U	mg/Kg	0.113	0.023	1	6/9/2015 15:10	BH	6/10/2015 22:30	BFM	
Dibenzo(a,h)anthracene	U	mg/Kg	0.113	0.041	1	6/9/2015 15:10	BH	6/10/2015 22:30	BFM	
Fluoranthene	U	mg/Kg	0.113	0.017	1	6/9/2015 15:10	BH	6/10/2015 22:30	BFM	
Fluorene	U	mg/Kg	0.113	0.030	1	6/9/2015 15:10	BH	6/10/2015 22:30	BFM	
Indeno(1,2,3-cd)pyrene	U	mg/Kg	0.113	0.022	1	6/9/2015 15:10	BH	6/10/2015 22:30	BFM	
Naphthalene	U	mg/Kg	0.113	0.031	1	6/9/2015 15:10	BH	6/10/2015 22:30	BFM	
Phenanthrene	U	mg/Kg	0.113	0.020	1	6/9/2015 15:10	BH	6/10/2015 22:30	BFM	
Pyrene	U	mg/Kg	0.113	0.025	1	6/9/2015 15:10	BH	6/10/2015 22:30	BFM	
Nitrobenzene-d5 (S)	62	%	20-120		1	6/9/2015 15:10	BH	6/10/2015 22:30	BFM	
2-Fluorobiphenyl (S)	57	%	30-115		1	6/9/2015 15:10	BH	6/10/2015 22:30	BFM	
p-Terphenyl-d14 (S)	83	%	15-140		1	6/9/2015 15:10	BH	6/10/2015 22:30	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	85.3	%	0.1		1			6/4/2015 11:49	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962124**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-22-0.5**	Date Collected:	5/28/2015 11:05		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.522	0.329	5	6/3/2015 10:44	BH	6/6/2015 06:19	BFM	
2-Methylnaphthalene	U	mg/Kg	0.522	0.199	5	6/3/2015 10:44	BH	6/6/2015 06:19	BFM	
Acenaphthene	0.616	mg/Kg	0.522	0.123	5	6/3/2015 10:44	BH	6/6/2015 06:19	BFM	
Acenaphthylene	0.506i	mg/Kg	0.522	0.126	5	6/3/2015 10:44	BH	6/6/2015 06:19	BFM	
Anthracene	1.42	mg/Kg	0.522	0.076	5	6/3/2015 10:44	BH	6/6/2015 06:19	BFM	
Benzo(a)anthracene	21.3	mg/Kg	0.522	0.081	5	6/3/2015 10:44	BH	6/6/2015 06:19	BFM	
Benzo(a)pyrene	33.3	mg/Kg	0.522	0.111	5	6/3/2015 10:44	BH	6/6/2015 06:19	BFM	L
Benzo(b)fluoranthene	90.9	mg/Kg	0.522	0.078	5	6/3/2015 10:44	BH	6/6/2015 06:19	BFM	L
Benzo(g,h,i)perylene	31.0	mg/Kg	0.522	0.193	5	6/3/2015 10:44	BH	6/6/2015 06:19	BFM	L
Benzo(k)fluoranthene	17.0	mg/Kg	0.522	0.057	5	6/3/2015 10:44	BH	6/6/2015 06:19	BFM	
Chrysene	50.6	mg/Kg	0.522	0.107	5	6/3/2015 10:44	BH	6/6/2015 06:19	BFM	L
Dibenzo(a,h)anthracene	6.29	mg/Kg	0.522	0.191	5	6/3/2015 10:44	BH	6/6/2015 06:19	BFM	
Fluoranthene	92.8	mg/Kg	0.522	0.080	5	6/3/2015 10:44	BH	6/6/2015 06:19	BFM	L
Fluorene	0.407i	mg/Kg	0.522	0.139	5	6/3/2015 10:44	BH	6/6/2015 06:19	BFM	
Indeno(1,2,3-cd)pyrene	34.0	mg/Kg	0.522	0.100	5	6/3/2015 10:44	BH	6/6/2015 06:19	BFM	L
Naphthalene	0.496i	mg/Kg	0.522	0.142	5	6/3/2015 10:44	BH	6/6/2015 06:19	BFM	
Phenanthrene	46.6	mg/Kg	0.522	0.093	5	6/3/2015 10:44	BH	6/6/2015 06:19	BFM	L
Pyrene	68.6	mg/Kg	0.522	0.115	5	6/3/2015 10:44	BH	6/6/2015 06:19	BFM	L
Nitrobenzene-d5 (S)	80	%	20-120		5	6/3/2015 10:44	BH	6/6/2015 06:19	BFM	
2-Fluorobiphenyl (S)	78	%	30-115		5	6/3/2015 10:44	BH	6/6/2015 06:19	BFM	
p-Terphenyl-d14 (S)	96	%	15-140		5	6/3/2015 10:44	BH	6/6/2015 06:19	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	96.1	%	0.1		1			6/4/2015 11:49	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Arsenic	6.2	mg/Kg	0.52	0.085	2	6/2/2015 10:53	ZS	6/2/2015 15:38	ZS	

FDOH# E86546

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962125**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-22-02**	Date Collected:	5/28/2015 11:07		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.105	0.066	1	6/3/2015 12:28	BH	6/6/2015 06:44	BFM	
2-Methylnaphthalene	U	mg/Kg	0.105	0.040	1	6/3/2015 12:28	BH	6/6/2015 06:44	BFM	
Acenaphthene	U	mg/Kg	0.105	0.025	1	6/3/2015 12:28	BH	6/6/2015 06:44	BFM	
Acenaphthylene	0.032i	mg/Kg	0.105	0.025	1	6/3/2015 12:28	BH	6/6/2015 06:44	BFM	
Anthracene	0.141	mg/Kg	0.105	0.015	1	6/3/2015 12:28	BH	6/6/2015 06:44	BFM	
Benzo(a)anthracene	1.66	mg/Kg	0.105	0.016	1	6/3/2015 12:28	BH	6/6/2015 06:44	BFM	
Benzo(a)pyrene	2.39	mg/Kg	0.105	0.022	1	6/3/2015 12:28	BH	6/6/2015 06:44	BFM	
Benzo(b)fluoranthene	4.83	mg/Kg	0.105	0.016	1	6/3/2015 12:28	BH	6/6/2015 06:44	BFM	
Benzo(g,h,i)perylene	2.67	mg/Kg	0.105	0.039	1	6/3/2015 12:28	BH	6/6/2015 06:44	BFM	
Benzo(k)fluoranthene	1.65	mg/Kg	0.105	0.011	1	6/3/2015 12:28	BH	6/6/2015 06:44	BFM	
Chrysene	3.07	mg/Kg	0.105	0.021	1	6/3/2015 12:28	BH	6/6/2015 06:44	BFM	
Dibenzo(a,h)anthracene	0.577	mg/Kg	0.105	0.038	1	6/3/2015 12:28	BH	6/6/2015 06:44	BFM	
Fluoranthene	7.03	mg/Kg	0.105	0.016	1	6/3/2015 12:28	BH	6/6/2015 06:44	BFM	L
Fluorene	U	mg/Kg	0.105	0.028	1	6/3/2015 12:28	BH	6/6/2015 06:44	BFM	
Indeno(1,2,3-cd)pyrene	2.65	mg/Kg	0.105	0.020	1	6/3/2015 12:28	BH	6/6/2015 06:44	BFM	
Naphthalene	U	mg/Kg	0.105	0.029	1	6/3/2015 12:28	BH	6/6/2015 06:44	BFM	
Phenanthrene	2.45	mg/Kg	0.105	0.019	1	6/3/2015 12:28	BH	6/6/2015 06:44	BFM	
Pyrene	4.51	mg/Kg	0.105	0.023	1	6/3/2015 12:28	BH	6/6/2015 06:44	BFM	
Nitrobenzene-d5 (S)	73	%	20-120		1	6/3/2015 12:28	BH	6/6/2015 06:44	BFM	
2-Fluorobiphenyl (S)	69	%	30-115		1	6/3/2015 12:28	BH	6/6/2015 06:44	BFM	
p-Terphenyl-d14 (S)	81	%	15-140		1	6/3/2015 12:28	BH	6/6/2015 06:44	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	95.2	%	0.1		1			6/4/2015 11:49	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Arsenic	11	mg/Kg	0.53	0.086	2	6/2/2015 10:53	ZS	6/2/2015 15:38	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962126**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-22-04**	Date Collected:	5/28/2015 11:09		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.102	0.064	1	6/3/2015 12:28	BH	6/6/2015 04:36	BFM	
2-Methylnaphthalene	U	mg/Kg	0.102	0.039	1	6/3/2015 12:28	BH	6/6/2015 04:36	BFM	
Acenaphthene	U	mg/Kg	0.102	0.024	1	6/3/2015 12:28	BH	6/6/2015 04:36	BFM	
Acenaphthylene	U	mg/Kg	0.102	0.025	1	6/3/2015 12:28	BH	6/6/2015 04:36	BFM	
Anthracene	U	mg/Kg	0.102	0.015	1	6/3/2015 12:28	BH	6/6/2015 04:36	BFM	
Benzo(a)anthracene	U	mg/Kg	0.102	0.016	1	6/3/2015 12:28	BH	6/6/2015 04:36	BFM	
Benzo(a)pyrene	U	mg/Kg	0.102	0.022	1	6/3/2015 12:28	BH	6/6/2015 04:36	BFM	
Benzo(b)fluoranthene	U	mg/Kg	0.102	0.015	1	6/3/2015 12:28	BH	6/6/2015 04:36	BFM	
Benzo(g,h,i)perylene	U	mg/Kg	0.102	0.038	1	6/3/2015 12:28	BH	6/6/2015 04:36	BFM	
Benzo(k)fluoranthene	U	mg/Kg	0.102	0.011	1	6/3/2015 12:28	BH	6/6/2015 04:36	BFM	
Chrysene	U	mg/Kg	0.102	0.021	1	6/3/2015 12:28	BH	6/6/2015 04:36	BFM	
Dibenzo(a,h)anthracene	U	mg/Kg	0.102	0.037	1	6/3/2015 12:28	BH	6/6/2015 04:36	BFM	
Fluoranthene	0.020i	mg/Kg	0.102	0.016	1	6/3/2015 12:28	BH	6/6/2015 04:36	BFM	
Fluorene	U	mg/Kg	0.102	0.027	1	6/3/2015 12:28	BH	6/6/2015 04:36	BFM	
Indeno(1,2,3-cd)pyrene	U	mg/Kg	0.102	0.020	1	6/3/2015 12:28	BH	6/6/2015 04:36	BFM	
Naphthalene	U	mg/Kg	0.102	0.028	1	6/3/2015 12:28	BH	6/6/2015 04:36	BFM	
Phenanthrene	U	mg/Kg	0.102	0.018	1	6/3/2015 12:28	BH	6/6/2015 04:36	BFM	
Pyrene	U	mg/Kg	0.102	0.023	1	6/3/2015 12:28	BH	6/6/2015 04:36	BFM	
Nitrobenzene-d5 (S)	76	%	20-120		1	6/3/2015 12:28	BH	6/6/2015 04:36	BFM	
2-Fluorobiphenyl (S)	68	%	30-115		1	6/3/2015 12:28	BH	6/6/2015 04:36	BFM	
p-Terphenyl-d14 (S)	86	%	15-140		1	6/3/2015 12:28	BH	6/6/2015 04:36	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	97.3	%	0.1		1			6/4/2015 11:49	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Arsenic	0.19i	mg/Kg	0.51	0.084	2	6/2/2015 10:53	ZS	6/2/2015 15:38	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962127**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-22-06**	Date Collected:	5/28/2015 11:11		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.106	0.067	1	6/3/2015 12:28	BH	6/6/2015 07:10	BFM	
2-Methylnaphthalene	U	mg/Kg	0.106	0.040	1	6/3/2015 12:28	BH	6/6/2015 07:10	BFM	
Acenaphthene	0.062i	mg/Kg	0.106	0.025	1	6/3/2015 12:28	BH	6/6/2015 07:10	BFM	
Acenaphthylene	0.042i	mg/Kg	0.106	0.025	1	6/3/2015 12:28	BH	6/6/2015 07:10	BFM	
Anthracene	0.104i	mg/Kg	0.106	0.015	1	6/3/2015 12:28	BH	6/6/2015 07:10	BFM	
Benzo(a)anthracene	2.13	mg/Kg	0.106	0.016	1	6/3/2015 12:28	BH	6/6/2015 07:10	BFM	
Benzo(a)pyrene	3.41	mg/Kg	0.106	0.022	1	6/3/2015 12:28	BH	6/6/2015 07:10	BFM	
Benzo(b)fluoranthene	8.62	mg/Kg	0.106	0.016	1	6/3/2015 12:28	BH	6/6/2015 07:10	BFM	L
Benzo(g,h,i)perylene	2.69	mg/Kg	0.106	0.039	1	6/3/2015 12:28	BH	6/6/2015 07:10	BFM	
Benzo(k)fluoranthene	2.30	mg/Kg	0.106	0.012	1	6/3/2015 12:28	BH	6/6/2015 07:10	BFM	
Chrysene	5.26	mg/Kg	0.106	0.022	1	6/3/2015 12:28	BH	6/6/2015 07:10	BFM	
Dibenzo(a,h)anthracene	0.603	mg/Kg	0.106	0.039	1	6/3/2015 12:28	BH	6/6/2015 07:10	BFM	
Fluoranthene	10.5	mg/Kg	0.106	0.016	1	6/3/2015 12:28	BH	6/6/2015 07:10	BFM	L
Fluorene	0.044i	mg/Kg	0.106	0.028	1	6/3/2015 12:28	BH	6/6/2015 07:10	BFM	
Indeno(1,2,3-cd)pyrene	3.01	mg/Kg	0.106	0.020	1	6/3/2015 12:28	BH	6/6/2015 07:10	BFM	
Naphthalene	0.057i	mg/Kg	0.106	0.029	1	6/3/2015 12:28	BH	6/6/2015 07:10	BFM	
Phenanthrene	5.29	mg/Kg	0.106	0.019	1	6/3/2015 12:28	BH	6/6/2015 07:10	BFM	
Pyrene	7.56	mg/Kg	0.106	0.023	1	6/3/2015 12:28	BH	6/6/2015 07:10	BFM	L
Nitrobenzene-d5 (S)	74	%	20-120		1	6/3/2015 12:28	BH	6/6/2015 07:10	BFM	
2-Fluorobiphenyl (S)	70	%	30-115		1	6/3/2015 12:28	BH	6/6/2015 07:10	BFM	
p-Terphenyl-d14 (S)	81	%	15-140		1	6/3/2015 12:28	BH	6/6/2015 07:10	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	94.1	%	0.1		1			6/4/2015 11:49	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962128**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-22-08**	Date Collected:	5/28/2015 11:13		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.109	0.068	1	6/3/2015 12:28	BH	6/6/2015 05:01	BFM	
2-Methylnaphthalene	U	mg/Kg	0.109	0.041	1	6/3/2015 12:28	BH	6/6/2015 05:01	BFM	
Acenaphthene	U	mg/Kg	0.109	0.026	1	6/3/2015 12:28	BH	6/6/2015 05:01	BFM	
Acenaphthylene	U	mg/Kg	0.109	0.026	1	6/3/2015 12:28	BH	6/6/2015 05:01	BFM	
Anthracene	U	mg/Kg	0.109	0.016	1	6/3/2015 12:28	BH	6/6/2015 05:01	BFM	
Benzo(a)anthracene	U	mg/Kg	0.109	0.017	1	6/3/2015 12:28	BH	6/6/2015 05:01	BFM	
Benzo(a)pyrene	U	mg/Kg	0.109	0.023	1	6/3/2015 12:28	BH	6/6/2015 05:01	BFM	
Benzo(b)fluoranthene	U	mg/Kg	0.109	0.016	1	6/3/2015 12:28	BH	6/6/2015 05:01	BFM	
Benzo(g,h,i)perylene	U	mg/Kg	0.109	0.040	1	6/3/2015 12:28	BH	6/6/2015 05:01	BFM	
Benzo(k)fluoranthene	U	mg/Kg	0.109	0.012	1	6/3/2015 12:28	BH	6/6/2015 05:01	BFM	
Chrysene	U	mg/Kg	0.109	0.022	1	6/3/2015 12:28	BH	6/6/2015 05:01	BFM	
Dibenzo(a,h)anthracene	U	mg/Kg	0.109	0.040	1	6/3/2015 12:28	BH	6/6/2015 05:01	BFM	
Fluoranthene	U	mg/Kg	0.109	0.017	1	6/3/2015 12:28	BH	6/6/2015 05:01	BFM	
Fluorene	U	mg/Kg	0.109	0.029	1	6/3/2015 12:28	BH	6/6/2015 05:01	BFM	
Indeno(1,2,3-cd)pyrene	U	mg/Kg	0.109	0.021	1	6/3/2015 12:28	BH	6/6/2015 05:01	BFM	
Naphthalene	U	mg/Kg	0.109	0.030	1	6/3/2015 12:28	BH	6/6/2015 05:01	BFM	
Phenanthrene	U	mg/Kg	0.109	0.019	1	6/3/2015 12:28	BH	6/6/2015 05:01	BFM	
Pyrene	U	mg/Kg	0.109	0.024	1	6/3/2015 12:28	BH	6/6/2015 05:01	BFM	
Nitrobenzene-d5 (S)	67	%	20-120		1	6/3/2015 12:28	BH	6/6/2015 05:01	BFM	
2-Fluorobiphenyl (S)	60	%	30-115		1	6/3/2015 12:28	BH	6/6/2015 05:01	BFM	
p-Terphenyl-d14 (S)	81	%	15-140		1	6/3/2015 12:28	BH	6/6/2015 05:01	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	91.9	%	0.1		1			6/4/2015 11:49	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962129**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-23-0.5**	Date Collected:	5/28/2015 11:15		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.546	0.345	5	6/3/2015 12:28	BH	6/6/2015 07:36	BFM	
2-Methylnaphthalene	U	mg/Kg	0.546	0.209	5	6/3/2015 12:28	BH	6/6/2015 07:36	BFM	
Acenaphthene	0.156i	mg/Kg	0.546	0.129	5	6/3/2015 12:28	BH	6/6/2015 07:36	BFM	
Acenaphthylene	U	mg/Kg	0.546	0.132	5	6/3/2015 12:28	BH	6/6/2015 07:36	BFM	
Anthracene	0.210i	mg/Kg	0.546	0.079	5	6/3/2015 12:28	BH	6/6/2015 07:36	BFM	
Benzo(a)anthracene	2.13	mg/Kg	0.546	0.085	5	6/3/2015 12:28	BH	6/6/2015 07:36	BFM	
Benzo(a)pyrene	3.26	mg/Kg	0.546	0.116	5	6/3/2015 12:28	BH	6/6/2015 07:36	BFM	
Benzo(b)fluoranthene	7.13	mg/Kg	0.546	0.082	5	6/3/2015 12:28	BH	6/6/2015 07:36	BFM	
Benzo(g,h,i)perylene	4.67	mg/Kg	0.546	0.202	5	6/3/2015 12:28	BH	6/6/2015 07:36	BFM	
Benzo(k)fluoranthene	2.17	mg/Kg	0.546	0.060	5	6/3/2015 12:28	BH	6/6/2015 07:36	BFM	
Chrysene	4.99	mg/Kg	0.546	0.111	5	6/3/2015 12:28	BH	6/6/2015 07:36	BFM	
Dibenzo(a,h)anthracene	1.04	mg/Kg	0.546	0.200	5	6/3/2015 12:28	BH	6/6/2015 07:36	BFM	
Fluoranthene	13.2	mg/Kg	0.546	0.084	5	6/3/2015 12:28	BH	6/6/2015 07:36	BFM	
Fluorene	U	mg/Kg	0.546	0.145	5	6/3/2015 12:28	BH	6/6/2015 07:36	BFM	
Indeno(1,2,3-cd)pyrene	4.62	mg/Kg	0.546	0.105	5	6/3/2015 12:28	BH	6/6/2015 07:36	BFM	
Naphthalene	U	mg/Kg	0.546	0.149	5	6/3/2015 12:28	BH	6/6/2015 07:36	BFM	
Phenanthrene	7.58	mg/Kg	0.546	0.097	5	6/3/2015 12:28	BH	6/6/2015 07:36	BFM	
Pyrene	8.20	mg/Kg	0.546	0.121	5	6/3/2015 12:28	BH	6/6/2015 07:36	BFM	
Nitrobenzene-d5 (S)	61	%	20-120		5	6/3/2015 12:28	BH	6/6/2015 07:36	BFM	
2-Fluorobiphenyl (S)	64	%	30-115		5	6/3/2015 12:28	BH	6/6/2015 07:36	BFM	
p-Terphenyl-d14 (S)	73	%	15-140		5	6/3/2015 12:28	BH	6/6/2015 07:36	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	91.0	%	0.1		1			6/5/2015 17:18	BH	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Arsenic	0.20i	mg/Kg	0.55	0.090	2	6/2/2015 10:53	ZS	6/2/2015 15:38	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962130**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-23-02**	Date Collected:	5/28/2015 11:16		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.110	0.069	1	6/3/2015 12:28	BH	6/6/2015 08:01	BFM	
2-Methylnaphthalene	U	mg/Kg	0.110	0.042	1	6/3/2015 12:28	BH	6/6/2015 08:01	BFM	
Acenaphthene	U	mg/Kg	0.110	0.026	1	6/3/2015 12:28	BH	6/6/2015 08:01	BFM	
Acenaphthylene	U	mg/Kg	0.110	0.026	1	6/3/2015 12:28	BH	6/6/2015 08:01	BFM	
Anthracene	U	mg/Kg	0.110	0.016	1	6/3/2015 12:28	BH	6/6/2015 08:01	BFM	
Benzo(a)anthracene	0.072i	mg/Kg	0.110	0.017	1	6/3/2015 12:28	BH	6/6/2015 08:01	BFM	
Benzo(a)pyrene	0.139	mg/Kg	0.110	0.023	1	6/3/2015 12:28	BH	6/6/2015 08:01	BFM	
Benzo(b)fluoranthene	0.269	mg/Kg	0.110	0.016	1	6/3/2015 12:28	BH	6/6/2015 08:01	BFM	
Benzo(g,h,i)perylene	0.182	mg/Kg	0.110	0.041	1	6/3/2015 12:28	BH	6/6/2015 08:01	BFM	
Benzo(k)fluoranthene	0.091i	mg/Kg	0.110	0.012	1	6/3/2015 12:28	BH	6/6/2015 08:01	BFM	
Chrysene	0.148	mg/Kg	0.110	0.022	1	6/3/2015 12:28	BH	6/6/2015 08:01	BFM	
Dibenzo(a,h)anthracene	0.050i	mg/Kg	0.110	0.040	1	6/3/2015 12:28	BH	6/6/2015 08:01	BFM	
Fluoranthene	0.371	mg/Kg	0.110	0.017	1	6/3/2015 12:28	BH	6/6/2015 08:01	BFM	
Fluorene	U	mg/Kg	0.110	0.029	1	6/3/2015 12:28	BH	6/6/2015 08:01	BFM	
Indeno(1,2,3-cd)pyrene	0.195	mg/Kg	0.110	0.021	1	6/3/2015 12:28	BH	6/6/2015 08:01	BFM	
Naphthalene	U	mg/Kg	0.110	0.030	1	6/3/2015 12:28	BH	6/6/2015 08:01	BFM	
Phenanthrene	0.204	mg/Kg	0.110	0.019	1	6/3/2015 12:28	BH	6/6/2015 08:01	BFM	
Pyrene	0.267	mg/Kg	0.110	0.024	1	6/3/2015 12:28	BH	6/6/2015 08:01	BFM	
Nitrobenzene-d5 (S)	80	%	20-120		1	6/3/2015 12:28	BH	6/6/2015 08:01	BFM	
2-Fluorobiphenyl (S)	74	%	30-115		1	6/3/2015 12:28	BH	6/6/2015 08:01	BFM	
p-Terphenyl-d14 (S)	85	%	15-140		1	6/3/2015 12:28	BH	6/6/2015 08:01	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	91.0	%	0.1		1			6/5/2015 17:18	BH	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Arsenic	1.8	mg/Kg	0.55	0.090	2	6/2/2015 10:53	ZS	6/2/2015 15:38	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962131**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-23-04**	Date Collected:	5/28/2015 11:17		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.116	0.073	1	6/3/2015 12:28	BH	6/6/2015 05:27	BFM	
2-Methylnaphthalene	U	mg/Kg	0.116	0.044	1	6/3/2015 12:28	BH	6/6/2015 05:27	BFM	
Acenaphthene	U	mg/Kg	0.116	0.027	1	6/3/2015 12:28	BH	6/6/2015 05:27	BFM	
Acenaphthylene	U	mg/Kg	0.116	0.028	1	6/3/2015 12:28	BH	6/6/2015 05:27	BFM	
Anthracene	U	mg/Kg	0.116	0.017	1	6/3/2015 12:28	BH	6/6/2015 05:27	BFM	
Benzo(a)anthracene	U	mg/Kg	0.116	0.018	1	6/3/2015 12:28	BH	6/6/2015 05:27	BFM	
Benzo(a)pyrene	U	mg/Kg	0.116	0.025	1	6/3/2015 12:28	BH	6/6/2015 05:27	BFM	
Benzo(b)fluoranthene	U	mg/Kg	0.116	0.017	1	6/3/2015 12:28	BH	6/6/2015 05:27	BFM	
Benzo(g,h,i)perylene	U	mg/Kg	0.116	0.043	1	6/3/2015 12:28	BH	6/6/2015 05:27	BFM	
Benzo(k)fluoranthene	U	mg/Kg	0.116	0.013	1	6/3/2015 12:28	BH	6/6/2015 05:27	BFM	
Chrysene	U	mg/Kg	0.116	0.024	1	6/3/2015 12:28	BH	6/6/2015 05:27	BFM	
Dibenzo(a,h)anthracene	U	mg/Kg	0.116	0.042	1	6/3/2015 12:28	BH	6/6/2015 05:27	BFM	
Fluoranthene	U	mg/Kg	0.116	0.018	1	6/3/2015 12:28	BH	6/6/2015 05:27	BFM	
Fluorene	U	mg/Kg	0.116	0.031	1	6/3/2015 12:28	BH	6/6/2015 05:27	BFM	
Indeno(1,2,3-cd)pyrene	U	mg/Kg	0.116	0.022	1	6/3/2015 12:28	BH	6/6/2015 05:27	BFM	
Naphthalene	U	mg/Kg	0.116	0.031	1	6/3/2015 12:28	BH	6/6/2015 05:27	BFM	
Phenanthrene	U	mg/Kg	0.116	0.021	1	6/3/2015 12:28	BH	6/6/2015 05:27	BFM	
Pyrene	U	mg/Kg	0.116	0.026	1	6/3/2015 12:28	BH	6/6/2015 05:27	BFM	
Nitrobenzene-d5 (S)	69	%	20-120		1	6/3/2015 12:28	BH	6/6/2015 05:27	BFM	
2-Fluorobiphenyl (S)	59	%	30-115		1	6/3/2015 12:28	BH	6/6/2015 05:27	BFM	
p-Terphenyl-d14 (S)	78	%	15-140		1	6/3/2015 12:28	BH	6/6/2015 05:27	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	86.5	%	0.1		1			6/5/2015 17:18	BH	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Arsenic	0.17i	mg/Kg	0.58	0.095	2	6/2/2015 10:53	ZS	6/2/2015 15:38	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962132**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-23-06**	Date Collected:	5/28/2015 11:18		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.117	0.074	1	6/3/2015 12:28	BH	6/6/2015 08:53	BFM	
2-Methylnaphthalene	U	mg/Kg	0.117	0.045	1	6/3/2015 12:28	BH	6/6/2015 08:53	BFM	
Acenaphthene	U	mg/Kg	0.117	0.028	1	6/3/2015 12:28	BH	6/6/2015 08:53	BFM	
Acenaphthylene	U	mg/Kg	0.117	0.028	1	6/3/2015 12:28	BH	6/6/2015 08:53	BFM	
Anthracene	U	mg/Kg	0.117	0.017	1	6/3/2015 12:28	BH	6/6/2015 08:53	BFM	
Benzo(a)anthracene	U	mg/Kg	0.117	0.018	1	6/3/2015 12:28	BH	6/6/2015 08:53	BFM	
Benzo(a)pyrene	U	mg/Kg	0.117	0.025	1	6/3/2015 12:28	BH	6/6/2015 08:53	BFM	
Benzo(b)fluoranthene	U	mg/Kg	0.117	0.018	1	6/3/2015 12:28	BH	6/6/2015 08:53	BFM	
Benzo(g,h,i)perylene	U	mg/Kg	0.117	0.043	1	6/3/2015 12:28	BH	6/6/2015 08:53	BFM	
Benzo(k)fluoranthene	U	mg/Kg	0.117	0.013	1	6/3/2015 12:28	BH	6/6/2015 08:53	BFM	
Chrysene	U	mg/Kg	0.117	0.024	1	6/3/2015 12:28	BH	6/6/2015 08:53	BFM	
Dibenzo(a,h)anthracene	U	mg/Kg	0.117	0.043	1	6/3/2015 12:28	BH	6/6/2015 08:53	BFM	
Fluoranthene	U	mg/Kg	0.117	0.018	1	6/3/2015 12:28	BH	6/6/2015 08:53	BFM	
Fluorene	U	mg/Kg	0.117	0.031	1	6/3/2015 12:28	BH	6/6/2015 08:53	BFM	
Indeno(1,2,3-cd)pyrene	U	mg/Kg	0.117	0.022	1	6/3/2015 12:28	BH	6/6/2015 08:53	BFM	
Naphthalene	U	mg/Kg	0.117	0.032	1	6/3/2015 12:28	BH	6/6/2015 08:53	BFM	
Phenanthrene	U	mg/Kg	0.117	0.021	1	6/3/2015 12:28	BH	6/6/2015 08:53	BFM	
Pyrene	U	mg/Kg	0.117	0.026	1	6/3/2015 12:28	BH	6/6/2015 08:53	BFM	
Nitrobenzene-d5 (S)	63	%	20-120		1	6/3/2015 12:28	BH	6/6/2015 08:53	BFM	
2-Fluorobiphenyl (S)	53	%	30-115		1	6/3/2015 12:28	BH	6/6/2015 08:53	BFM	
p-Terphenyl-d14 (S)	66	%	15-140		1	6/3/2015 12:28	BH	6/6/2015 08:53	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	85.5	%	0.1		1			6/5/2015 17:18	BH	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962133**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-23-08**	Date Collected:	5/28/2015 11:19		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.119	0.075	1	6/3/2015 12:28	BH	6/6/2015 05:53	BFM	
2-Methylnaphthalene	U	mg/Kg	0.119	0.046	1	6/3/2015 12:28	BH	6/6/2015 05:53	BFM	
Acenaphthene	U	mg/Kg	0.119	0.028	1	6/3/2015 12:28	BH	6/6/2015 05:53	BFM	
Acenaphthylene	U	mg/Kg	0.119	0.029	1	6/3/2015 12:28	BH	6/6/2015 05:53	BFM	
Anthracene	U	mg/Kg	0.119	0.017	1	6/3/2015 12:28	BH	6/6/2015 05:53	BFM	
Benzo(a)anthracene	U	mg/Kg	0.119	0.018	1	6/3/2015 12:28	BH	6/6/2015 05:53	BFM	
Benzo(a)pyrene	U	mg/Kg	0.119	0.025	1	6/3/2015 12:28	BH	6/6/2015 05:53	BFM	
Benzo(b)fluoranthene	U	mg/Kg	0.119	0.018	1	6/3/2015 12:28	BH	6/6/2015 05:53	BFM	
Benzo(g,h,i)perylene	U	mg/Kg	0.119	0.044	1	6/3/2015 12:28	BH	6/6/2015 05:53	BFM	
Benzo(k)fluoranthene	U	mg/Kg	0.119	0.013	1	6/3/2015 12:28	BH	6/6/2015 05:53	BFM	
Chrysene	U	mg/Kg	0.119	0.024	1	6/3/2015 12:28	BH	6/6/2015 05:53	BFM	
Dibenzo(a,h)anthracene	U	mg/Kg	0.119	0.044	1	6/3/2015 12:28	BH	6/6/2015 05:53	BFM	
Fluoranthene	U	mg/Kg	0.119	0.018	1	6/3/2015 12:28	BH	6/6/2015 05:53	BFM	
Fluorene	U	mg/Kg	0.119	0.032	1	6/3/2015 12:28	BH	6/6/2015 05:53	BFM	
Indeno(1,2,3-cd)pyrene	U	mg/Kg	0.119	0.023	1	6/3/2015 12:28	BH	6/6/2015 05:53	BFM	
Naphthalene	U	mg/Kg	0.119	0.032	1	6/3/2015 12:28	BH	6/6/2015 05:53	BFM	
Phenanthrene	U	mg/Kg	0.119	0.021	1	6/3/2015 12:28	BH	6/6/2015 05:53	BFM	
Pyrene	U	mg/Kg	0.119	0.026	1	6/3/2015 12:28	BH	6/6/2015 05:53	BFM	
Nitrobenzene-d5 (S)	70	%	20-120		1	6/3/2015 12:28	BH	6/6/2015 05:53	BFM	
2-Fluorobiphenyl (S)	59	%	30-115		1	6/3/2015 12:28	BH	6/6/2015 05:53	BFM	
p-Terphenyl-d14 (S)	75	%	15-140		1	6/3/2015 12:28	BH	6/6/2015 05:53	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	84.1	%	0.1		1			6/5/2015 17:18	BH	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962134**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-24-0.5**	Date Collected:	5/28/2015 11:22		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.107	0.067	1	6/3/2015 12:28	BH	6/6/2015 09:19	BFM	
2-Methylnaphthalene	U	mg/Kg	0.107	0.041	1	6/3/2015 12:28	BH	6/6/2015 09:19	BFM	
Acenaphthene	U	mg/Kg	0.107	0.025	1	6/3/2015 12:28	BH	6/6/2015 09:19	BFM	
Acenaphthylene	U	mg/Kg	0.107	0.026	1	6/3/2015 12:28	BH	6/6/2015 09:19	BFM	
Anthracene	0.106i	mg/Kg	0.107	0.015	1	6/3/2015 12:28	BH	6/6/2015 09:19	BFM	
Benzo(a)anthracene	1.28	mg/Kg	0.107	0.017	1	6/3/2015 12:28	BH	6/6/2015 09:19	BFM	
Benzo(a)pyrene	2.18	mg/Kg	0.107	0.023	1	6/3/2015 12:28	BH	6/6/2015 09:19	BFM	
Benzo(b)fluoranthene	5.24	mg/Kg	0.107	0.016	1	6/3/2015 12:28	BH	6/6/2015 09:19	BFM	
Benzo(g,h,i)perylene	1.94	mg/Kg	0.107	0.039	1	6/3/2015 12:28	BH	6/6/2015 09:19	BFM	
Benzo(k)fluoranthene	1.83	mg/Kg	0.107	0.012	1	6/3/2015 12:28	BH	6/6/2015 09:19	BFM	
Chrysene	2.82	mg/Kg	0.107	0.022	1	6/3/2015 12:28	BH	6/6/2015 09:19	BFM	
Dibenzo(a,h)anthracene	0.419	mg/Kg	0.107	0.039	1	6/3/2015 12:28	BH	6/6/2015 09:19	BFM	
Fluoranthene	4.78	mg/Kg	0.107	0.016	1	6/3/2015 12:28	BH	6/6/2015 09:19	BFM	
Fluorene	U	mg/Kg	0.107	0.028	1	6/3/2015 12:28	BH	6/6/2015 09:19	BFM	
Indeno(1,2,3-cd)pyrene	2.03	mg/Kg	0.107	0.020	1	6/3/2015 12:28	BH	6/6/2015 09:19	BFM	
Naphthalene	U	mg/Kg	0.107	0.029	1	6/3/2015 12:28	BH	6/6/2015 09:19	BFM	
Phenanthrene	1.52	mg/Kg	0.107	0.019	1	6/3/2015 12:28	BH	6/6/2015 09:19	BFM	
Pyrene	3.63	mg/Kg	0.107	0.024	1	6/3/2015 12:28	BH	6/6/2015 09:19	BFM	
Nitrobenzene-d5 (S)	64	%	20-120		1	6/3/2015 12:28	BH	6/6/2015 09:19	BFM	
2-Fluorobiphenyl (S)	64	%	30-115		1	6/3/2015 12:28	BH	6/6/2015 09:19	BFM	
p-Terphenyl-d14 (S)	76	%	15-140		1	6/3/2015 12:28	BH	6/6/2015 09:19	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	93.5	%	0.1		1			6/5/2015 17:18	BH	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Arsenic	8.1	mg/Kg	0.53	0.088	2	6/2/2015 10:53	ZS	6/2/2015 15:38	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962135**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-24-02**	Date Collected:	5/28/2015 11:24		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.108	0.068	1	6/3/2015 12:28	BH	6/6/2015 09:45	BFM	
2-Methylnaphthalene	U	mg/Kg	0.108	0.041	1	6/3/2015 12:28	BH	6/6/2015 09:45	BFM	
Acenaphthene	U	mg/Kg	0.108	0.026	1	6/3/2015 12:28	BH	6/6/2015 09:45	BFM	
Acenaphthylene	U	mg/Kg	0.108	0.026	1	6/3/2015 12:28	BH	6/6/2015 09:45	BFM	
Anthracene	0.039i	mg/Kg	0.108	0.016	1	6/3/2015 12:28	BH	6/6/2015 09:45	BFM	
Benzo(a)anthracene	0.423	mg/Kg	0.108	0.017	1	6/3/2015 12:28	BH	6/6/2015 09:45	BFM	
Benzo(a)pyrene	0.773	mg/Kg	0.108	0.023	1	6/3/2015 12:28	BH	6/6/2015 09:45	BFM	
Benzo(b)fluoranthene	1.78	mg/Kg	0.108	0.016	1	6/3/2015 12:28	BH	6/6/2015 09:45	BFM	
Benzo(g,h,i)perylene	0.905	mg/Kg	0.108	0.040	1	6/3/2015 12:28	BH	6/6/2015 09:45	BFM	
Benzo(k)fluoranthene	0.632	mg/Kg	0.108	0.012	1	6/3/2015 12:28	BH	6/6/2015 09:45	BFM	
Chrysene	0.943	mg/Kg	0.108	0.022	1	6/3/2015 12:28	BH	6/6/2015 09:45	BFM	
Dibenzo(a,h)anthracene	0.196	mg/Kg	0.108	0.040	1	6/3/2015 12:28	BH	6/6/2015 09:45	BFM	
Fluoranthene	1.56	mg/Kg	0.108	0.017	1	6/3/2015 12:28	BH	6/6/2015 09:45	BFM	
Fluorene	U	mg/Kg	0.108	0.029	1	6/3/2015 12:28	BH	6/6/2015 09:45	BFM	
Indeno(1,2,3-cd)pyrene	0.924	mg/Kg	0.108	0.021	1	6/3/2015 12:28	BH	6/6/2015 09:45	BFM	
Naphthalene	U	mg/Kg	0.108	0.029	1	6/3/2015 12:28	BH	6/6/2015 09:45	BFM	
Phenanthrene	0.399	mg/Kg	0.108	0.019	1	6/3/2015 12:28	BH	6/6/2015 09:45	BFM	
Pyrene	1.19	mg/Kg	0.108	0.024	1	6/3/2015 12:28	BH	6/6/2015 09:45	BFM	
Nitrobenzene-d5 (S)	61	%	20-120		1	6/3/2015 12:28	BH	6/6/2015 09:45	BFM	
2-Fluorobiphenyl (S)	58	%	30-115		1	6/3/2015 12:28	BH	6/6/2015 09:45	BFM	
p-Terphenyl-d14 (S)	71	%	15-140		1	6/3/2015 12:28	BH	6/6/2015 09:45	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	92.5	%	0.1		1			6/5/2015 17:18	BH	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Arsenic	5.1	mg/Kg	0.54	0.089	2	6/2/2015 10:53	ZS	6/2/2015 15:38	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962136**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-24-04**	Date Collected:	5/28/2015 11:26		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.111	0.070	1	6/9/2015 15:10	BH	6/10/2015 22:56	BFM	
2-Methylnaphthalene	U	mg/Kg	0.111	0.043	1	6/9/2015 15:10	BH	6/10/2015 22:56	BFM	
Acenaphthene	U	mg/Kg	0.111	0.026	1	6/9/2015 15:10	BH	6/10/2015 22:56	BFM	
Acenaphthylene	U	mg/Kg	0.111	0.027	1	6/9/2015 15:10	BH	6/10/2015 22:56	BFM	
Anthracene	U	mg/Kg	0.111	0.016	1	6/9/2015 15:10	BH	6/10/2015 22:56	BFM	
Benzo(a)anthracene	U	mg/Kg	0.111	0.017	1	6/9/2015 15:10	BH	6/10/2015 22:56	BFM	
Benzo(a)pyrene	U	mg/Kg	0.111	0.024	1	6/9/2015 15:10	BH	6/10/2015 22:56	BFM	
Benzo(b)fluoranthene	U	mg/Kg	0.111	0.017	1	6/9/2015 15:10	BH	6/10/2015 22:56	BFM	
Benzo(g,h,i)perylene	U	mg/Kg	0.111	0.041	1	6/9/2015 15:10	BH	6/10/2015 22:56	BFM	
Benzo(k)fluoranthene	U	mg/Kg	0.111	0.012	1	6/9/2015 15:10	BH	6/10/2015 22:56	BFM	
Chrysene	U	mg/Kg	0.111	0.023	1	6/9/2015 15:10	BH	6/10/2015 22:56	BFM	
Dibenzo(a,h)anthracene	U	mg/Kg	0.111	0.041	1	6/9/2015 15:10	BH	6/10/2015 22:56	BFM	
Fluoranthene	U	mg/Kg	0.111	0.017	1	6/9/2015 15:10	BH	6/10/2015 22:56	BFM	
Fluorene	U	mg/Kg	0.111	0.030	1	6/9/2015 15:10	BH	6/10/2015 22:56	BFM	
Indeno(1,2,3-cd)pyrene	U	mg/Kg	0.111	0.021	1	6/9/2015 15:10	BH	6/10/2015 22:56	BFM	
Naphthalene	U	mg/Kg	0.111	0.030	1	6/9/2015 15:10	BH	6/10/2015 22:56	BFM	
Phenanthrene	U	mg/Kg	0.111	0.020	1	6/9/2015 15:10	BH	6/10/2015 22:56	BFM	
Pyrene	U	mg/Kg	0.111	0.025	1	6/9/2015 15:10	BH	6/10/2015 22:56	BFM	
Nitrobenzene-d5 (S)	56	%	20-120		1	6/9/2015 15:10	BH	6/10/2015 22:56	BFM	
2-Fluorobiphenyl (S)	52	%	30-115		1	6/9/2015 15:10	BH	6/10/2015 22:56	BFM	
p-Terphenyl-d14 (S)	78	%	15-140		1	6/9/2015 15:10	BH	6/10/2015 22:56	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	85.6	%	0.1		1			6/5/2015 17:18	BH	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Arsenic	0.24i	mg/Kg	0.58	0.096	2	6/3/2015 08:35	ZS	6/3/2015 15:41	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962137**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-24-06**	Date Collected:	5/28/2015 11:28		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.114	0.072	1	6/9/2015 15:10	BH	6/10/2015 23:22	BFM	
2-Methylnaphthalene	U	mg/Kg	0.114	0.044	1	6/9/2015 15:10	BH	6/10/2015 23:22	BFM	
Acenaphthene	U	mg/Kg	0.114	0.027	1	6/9/2015 15:10	BH	6/10/2015 23:22	BFM	
Acenaphthylene	U	mg/Kg	0.114	0.027	1	6/9/2015 15:10	BH	6/10/2015 23:22	BFM	
Anthracene	U	mg/Kg	0.114	0.017	1	6/9/2015 15:10	BH	6/10/2015 23:22	BFM	
Benzo(a)anthracene	U	mg/Kg	0.114	0.018	1	6/9/2015 15:10	BH	6/10/2015 23:22	BFM	
Benzo(a)pyrene	U	mg/Kg	0.114	0.024	1	6/9/2015 15:10	BH	6/10/2015 23:22	BFM	
Benzo(b)fluoranthene	U	mg/Kg	0.114	0.017	1	6/9/2015 15:10	BH	6/10/2015 23:22	BFM	
Benzo(g,h,i)perylene	U	mg/Kg	0.114	0.042	1	6/9/2015 15:10	BH	6/10/2015 23:22	BFM	
Benzo(k)fluoranthene	U	mg/Kg	0.114	0.012	1	6/9/2015 15:10	BH	6/10/2015 23:22	BFM	
Chrysene	U	mg/Kg	0.114	0.023	1	6/9/2015 15:10	BH	6/10/2015 23:22	BFM	
Dibenzo(a,h)anthracene	U	mg/Kg	0.114	0.042	1	6/9/2015 15:10	BH	6/10/2015 23:22	BFM	
Fluoranthene	U	mg/Kg	0.114	0.018	1	6/9/2015 15:10	BH	6/10/2015 23:22	BFM	
Fluorene	U	mg/Kg	0.114	0.030	1	6/9/2015 15:10	BH	6/10/2015 23:22	BFM	
Indeno(1,2,3-cd)pyrene	U	mg/Kg	0.114	0.022	1	6/9/2015 15:10	BH	6/10/2015 23:22	BFM	
Naphthalene	U	mg/Kg	0.114	0.031	1	6/9/2015 15:10	BH	6/10/2015 23:22	BFM	
Phenanthrene	U	mg/Kg	0.114	0.020	1	6/9/2015 15:10	BH	6/10/2015 23:22	BFM	
Pyrene	U	mg/Kg	0.114	0.025	1	6/9/2015 15:10	BH	6/10/2015 23:22	BFM	
Nitrobenzene-d5 (S)	60	%	20-120		1	6/9/2015 15:10	BH	6/10/2015 23:22	BFM	
2-Fluorobiphenyl (S)	54	%	30-115		1	6/9/2015 15:10	BH	6/10/2015 23:22	BFM	
p-Terphenyl-d14 (S)	76	%	15-140		1	6/9/2015 15:10	BH	6/10/2015 23:22	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	86.3	%	0.1		1			6/5/2015 17:18	BH	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Arsenic	0.15i	mg/Kg	0.58	0.095	2	6/3/2015 08:35	ZS	6/3/2015 15:41	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962138**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-24-08**	Date Collected:	5/28/2015 11:30		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: EPA 8310 PAH List by 8270C (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C					
1-Methylnaphthalene	U	mg/Kg	0.115	0.073	1	6/9/2015 15:10	BH	6/10/2015 23:48	BFM	
2-Methylnaphthalene	U	mg/Kg	0.115	0.044	1	6/9/2015 15:10	BH	6/10/2015 23:48	BFM	
Acenaphthene	U	mg/Kg	0.115	0.027	1	6/9/2015 15:10	BH	6/10/2015 23:48	BFM	
Acenaphthylene	U	mg/Kg	0.115	0.028	1	6/9/2015 15:10	BH	6/10/2015 23:48	BFM	
Anthracene	U	mg/Kg	0.115	0.017	1	6/9/2015 15:10	BH	6/10/2015 23:48	BFM	
Benzo(a)anthracene	U	mg/Kg	0.115	0.018	1	6/9/2015 15:10	BH	6/10/2015 23:48	BFM	
Benzo(a)pyrene	U	mg/Kg	0.115	0.024	1	6/9/2015 15:10	BH	6/10/2015 23:48	BFM	
Benzo(b)fluoranthene	U	mg/Kg	0.115	0.017	1	6/9/2015 15:10	BH	6/10/2015 23:48	BFM	
Benzo(g,h,i)perylene	U	mg/Kg	0.115	0.043	1	6/9/2015 15:10	BH	6/10/2015 23:48	BFM	
Benzo(k)fluoranthene	U	mg/Kg	0.115	0.013	1	6/9/2015 15:10	BH	6/10/2015 23:48	BFM	
Chrysene	U	mg/Kg	0.115	0.024	1	6/9/2015 15:10	BH	6/10/2015 23:48	BFM	
Dibenzo(a,h)anthracene	U	mg/Kg	0.115	0.042	1	6/9/2015 15:10	BH	6/10/2015 23:48	BFM	
Fluoranthene	U	mg/Kg	0.115	0.018	1	6/9/2015 15:10	BH	6/10/2015 23:48	BFM	
Fluorene	U	mg/Kg	0.115	0.031	1	6/9/2015 15:10	BH	6/10/2015 23:48	BFM	
Indeno(1,2,3-cd)pyrene	U	mg/Kg	0.115	0.022	1	6/9/2015 15:10	BH	6/10/2015 23:48	BFM	
Naphthalene	U	mg/Kg	0.115	0.031	1	6/9/2015 15:10	BH	6/10/2015 23:48	BFM	
Phenanthrene	U	mg/Kg	0.115	0.021	1	6/9/2015 15:10	BH	6/10/2015 23:48	BFM	
Pyrene	U	mg/Kg	0.115	0.025	1	6/9/2015 15:10	BH	6/10/2015 23:48	BFM	
Nitrobenzene-d5 (S)	62	%	20-120		1	6/9/2015 15:10	BH	6/10/2015 23:48	BFM	
2-Fluorobiphenyl (S)	56	%	30-115		1	6/9/2015 15:10	BH	6/10/2015 23:48	BFM	
p-Terphenyl-d14 (S)	77	%	15-140		1	6/9/2015 15:10	BH	6/10/2015 23:48	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	85.9	%	0.1		1			6/5/2015 17:18	BH	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Arsenic	0.18i	mg/Kg	0.58	0.095	2	6/3/2015 08:35	ZS	6/3/2015 15:41	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962139**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-25-0.5**	Date Collected:	5/28/2015 11:35		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)						Analytical Method: SM 2540G				
Percent Solids (Dryweight)	92.6	%	0.1		1			6/5/2015 17:18	BH	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962140**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-25-02**	Date Collected:	5/28/2015 11:37		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)						Analytical Method: SM 2540G				
Percent Solids (Dryweight)	95.1	%	0.1		1			6/5/2015 17:18	BH	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962141**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-25-04**	Date Collected:	5/28/2015 11:39		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	85.6	%	0.1		1			6/5/2015 17:18	BH	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B Analytical Method: EPA 6020					
Arsenic	1.2	mg/Kg	0.58	0.096	2	6/2/2015 10:53	ZS	6/2/2015 15:38	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962142**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-25-06**	Date Collected:	5/28/2015 11:41		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	86.0	%	0.1		1			6/5/2015 17:18	BH	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B Analytical Method: EPA 6020					
Arsenic	0.17i	mg/Kg	0.58	0.095	2	6/2/2015 10:53	ZS	6/2/2015 15:38	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962143**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-26-0.5**	Date Collected:	5/28/2015 11:46		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	82.0	%	0.1		1			6/5/2015 17:18	BH	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962144**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-26-02**	Date Collected:	5/28/2015 11:48		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)						Analytical Method: SM 2540G				
Percent Solids (Dryweight)	95.7	%	0.1		1			6/4/2015 11:57	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962145**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-26-04**	Date Collected:	5/28/2015 11:50		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	83.6	%	0.1		1			6/4/2015 11:57	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B Analytical Method: EPA 6020					
Arsenic	1.2	mg/Kg	0.60	0.098	2	6/2/2015 10:53	ZS	6/2/2015 15:38	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962146**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-26-06**	Date Collected:	5/28/2015 11:52		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	100	%	0.1		1			6/4/2015 11:57	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B Analytical Method: EPA 6020					
Arsenic	0.15i	mg/Kg	0.50	0.082	2	6/2/2015 10:53	ZS	6/2/2015 15:38	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962147**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-27-0.5**	Date Collected:	5/28/2015 12:03		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)						Analytical Method: SM 2540G				
Percent Solids (Dryweight)	92.2	%	0.1		1			6/4/2015 11:57	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962148**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-27-02**	Date Collected:	5/28/2015 12:05		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)						Analytical Method: SM 2540G				
Percent Solids (Dryweight)	98.4	%	0.1		1			6/4/2015 11:57	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962149**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-27-04**	Date Collected:	5/28/2015 12:07		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	84.5	%	0.1		1			6/4/2015 11:57	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B Analytical Method: EPA 6020					
Arsenic	1.8	mg/Kg	0.59	0.097	2	6/2/2015 10:53	ZS	6/2/2015 15:38	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962150**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-27-05**	Date Collected:	5/28/2015 12:09		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	86.2	%	0.1		1			6/4/2015 11:57	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B Analytical Method: EPA 6020					
Arsenic	0.29i	mg/Kg	0.58	0.095	2	6/2/2015 10:59	ZS	6/2/2015 18:45	ZS	

FDOH# E86546

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962151**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-28-0.5**	Date Collected:	5/28/2015 11:55		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)						Analytical Method: SM 2540G				
Percent Solids (Dryweight)	69.7	%	0.1		1			6/4/2015 11:57	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962152**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-28-02**	Date Collected:	5/28/2015 11:56		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)						Analytical Method: SM 2540G				
Percent Solids (Dryweight)	84.4	%	0.1		1			6/4/2015 11:57	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962153**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-28-04**	Date Collected:	5/28/2015 11:57		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	83.3	%	0.1		1			6/4/2015 12:03	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B Analytical Method: EPA 6020					
Arsenic	0.16i	mg/Kg	0.60	0.098	2	6/2/2015 10:59	ZS	6/2/2015 18:45	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962154**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-28-05**	Date Collected:	5/28/2015 11:58		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)						Analytical Method: SM 2540G				
Percent Solids (Dryweight)	81.4	%	0.1		1			6/4/2015 12:03	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)						Preparation Method: EPA 3050B Analytical Method: EPA 6020				
Arsenic	0.18i	mg/Kg	0.61	0.10	2	6/2/2015 10:59	ZS	6/2/2015 18:45	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962155**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-29-0.5**	Date Collected:	5/28/2015 13:00		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)						Analytical Method: SM 2540G				
Percent Solids (Dryweight)	97.0	%	0.1		1			6/4/2015 12:03	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962156**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-29-02**	Date Collected:	5/28/2015 13:01		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)						Analytical Method: SM 2540G				
Percent Solids (Dryweight)	89.7	%	0.1		1			6/4/2015 12:03	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962157**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-29-04**	Date Collected:	5/28/2015 13:02		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	83.8	%	0.1		1			6/4/2015 12:03	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B Analytical Method: EPA 6020					
Arsenic	0.62	mg/Kg	0.60	0.098	2	6/2/2015 10:59	ZS	6/2/2015 18:45	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962158**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-29-05**	Date Collected:	5/28/2015 13:03		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)						Analytical Method: SM 2540G				
Percent Solids (Dryweight)	82.3	%	0.1		1			6/4/2015 12:03	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)						Preparation Method: EPA 3050B Analytical Method: EPA 6020				
Arsenic	0.35i	mg/Kg	0.61	0.10	2	6/2/2015 10:59	ZS	6/2/2015 18:45	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962159**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-30-0.5**	Date Collected:	5/28/2015 13:45		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	86.6	%	0.1		1			6/4/2015 12:03	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B Analytical Method: EPA 6020					
Arsenic	5.0	mg/Kg	0.58	0.095	2	6/2/2015 10:59	ZS	6/2/2015 18:45	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962160**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-30-02**	Date Collected:	5/28/2015 13:47		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	90.5	%	0.1		1			6/4/2015 12:03	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B Analytical Method: EPA 6020					
Arsenic	0.67	mg/Kg	0.55	0.091	2	6/2/2015 10:59	ZS	6/2/2015 18:45	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962161**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-30-04**	Date Collected:	5/28/2015 13:49		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	89.6	%	0.1		1			6/4/2015 12:03	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B Analytical Method: EPA 6020					
Arsenic	9.5	mg/Kg	0.56	0.092	2	6/2/2015 10:59	ZS	6/2/2015 18:45	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962162**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-31-0.5**	Date Collected:	5/28/2015 13:24		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)						Analytical Method: SM 2540G				
Percent Solids (Dryweight)	82.1	%	0.1		1			6/4/2015 12:03	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)						Preparation Method: EPA 3050B Analytical Method: EPA 6020				
Arsenic	3.4	mg/Kg	0.61	0.10	2	6/2/2015 10:59	ZS	6/2/2015 18:45	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962163**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-31-02**	Date Collected:	5/28/2015 13:25		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	92.3	%	0.1		1			6/4/2015 12:03	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B Analytical Method: EPA 6020					
Arsenic	0.89	mg/Kg	0.54	0.089	2	6/2/2015 10:59	ZS	6/2/2015 18:45	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962164**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-31-04**	Date Collected:	5/28/2015 13:26		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)						Analytical Method: SM 2540G				
Percent Solids (Dryweight)	78.3	%	0.1		1			6/4/2015 12:03	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)						Preparation Method: EPA 3050B Analytical Method: EPA 6020				
Arsenic	6.6	mg/Kg	0.64	0.10	2	6/2/2015 10:59	ZS	6/2/2015 18:45	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962165**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-32-0.5**	Date Collected:	5/28/2015 13:30		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	86.2	%	0.1		1			6/4/2015 12:03	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B Analytical Method: EPA 6020					
Arsenic	1.0	mg/Kg	0.58	0.095	2	6/2/2015 10:59	ZS	6/2/2015 18:45	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962166**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-32-02**	Date Collected:	5/28/2015 13:31		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	92.3	%	0.1		1			6/4/2015 12:03	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B Analytical Method: EPA 6020					
Arsenic	0.87	mg/Kg	0.54	0.089	2	6/2/2015 10:59	ZS	6/2/2015 18:45	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962167**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-32-04**	Date Collected:	5/28/2015 13:33		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	60.3	%	0.1		1			6/4/2015 12:03	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B Analytical Method: EPA 6020					
Arsenic	6.0	mg/Kg	0.83	0.14	2	6/2/2015 10:59	ZS	6/2/2015 18:45	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962168**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-33-0.5**	Date Collected:	5/28/2015 13:35		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	91.9	%	0.1		1			6/4/2015 12:03	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B Analytical Method: EPA 6020					
Arsenic	6.1	mg/Kg	0.54	0.089	2	6/2/2015 10:59	ZS	6/2/2015 18:45	ZS	

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Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962169**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-33-02**	Date Collected:	5/28/2015 13:36		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	84.9	%	0.1		1			6/4/2015 12:03	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B Analytical Method: EPA 6020					
Arsenic	1.4	mg/Kg	0.59	0.097	2	6/2/2015 10:59	ZS	6/2/2015 18:45	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962170**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-33-04**	Date Collected:	5/28/2015 13:37		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	87.5	%	0.1		1			6/4/2015 12:03	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B Analytical Method: EPA 6020					
Arsenic	8.6	mg/Kg	0.57	0.094	2	6/2/2015 10:59	ZS	6/2/2015 18:45	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962171**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-34-0.5**	Date Collected:	5/28/2015 10:49		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)						Analytical Method: SM 2540G				
Percent Solids (Dryweight)	93.9	%	0.1		1			6/4/2015 12:03	ZS	

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Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962172**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-34-02**	Date Collected:	5/28/2015 10:50		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)						Analytical Method: SM 2540G				
Percent Solids (Dryweight)	92.7	%	0.1		1			6/4/2015 12:03	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962173**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-34-04**	Date Collected:	5/28/2015 10:51		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	90.6	%	0.1		1			6/4/2015 12:06	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B Analytical Method: EPA 6020					
Arsenic	2.4	mg/Kg	0.55	0.090	2	6/2/2015 10:59	ZS	6/2/2015 18:45	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962174**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-34-06**	Date Collected:	5/28/2015 10:52		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	84.4	%	0.1		1			6/4/2015 12:06	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B Analytical Method: EPA 6020					
Arsenic	2.7	mg/Kg	0.59	0.097	2	6/2/2015 10:59	ZS	6/2/2015 18:45	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962175**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-35-0.5**	Date Collected:	5/28/2015 10:39		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)						Analytical Method: SM 2540G				
Percent Solids (Dryweight)	93.9	%	0.1		1			6/4/2015 12:06	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962176**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-35-02**	Date Collected:	5/28/2015 10:40		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	87.9	%	0.1		1			6/4/2015 12:06	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B Analytical Method: EPA 6020					
Arsenic	2.6	mg/Kg	0.57	0.093	2	6/2/2015 10:59	ZS	6/2/2015 18:45	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962177**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-35-04**	Date Collected:	5/28/2015 10:41		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	83.9	%	0.1		1			6/4/2015 12:06	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B Analytical Method: EPA 6020					
Arsenic	1.1	mg/Kg	0.60	0.098	2	6/2/2015 10:59	ZS	6/2/2015 20:52	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962178**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-36-0.5**	Date Collected:	5/28/2015 10:43		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)						Analytical Method: SM 2540G				
Percent Solids (Dryweight)	92.2	%	0.1		1			6/4/2015 12:06	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962179**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-36-02**	Date Collected:	5/28/2015 10:44		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)						Analytical Method: SM 2540G				
Percent Solids (Dryweight)	93.5	%	0.1		1			6/4/2015 12:06	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962180**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-36-04**	Date Collected:	5/28/2015 10:45		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	86.2	%	0.1		1			6/4/2015 12:06	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B Analytical Method: EPA 6020					
Arsenic	0.35i	mg/Kg	0.58	0.095	2	6/2/2015 10:59	ZS	6/2/2015 20:52	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962181**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-36-06**	Date Collected:	5/28/2015 10:46		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	88.4	%	0.1		1			6/4/2015 12:06	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B Analytical Method: EPA 6020					
Arsenic	4.7	mg/Kg	0.57	0.093	2	6/2/2015 10:59	ZS	6/2/2015 20:52	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962182**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-37-0.5**	Date Collected:	5/28/2015 10:53		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)						Analytical Method: SM 2540G				
Percent Solids (Dryweight)	93.8	%	0.1		1			6/4/2015 12:06	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962183**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-37-02**	Date Collected:	5/28/2015 10:54		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)						Analytical Method: SM 2540G				
Percent Solids (Dryweight)	90.5	%	0.1		1			6/4/2015 12:06	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962184**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-37-04**	Date Collected:	5/28/2015 10:55		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	87.5	%	0.1		1			6/4/2015 12:06	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B Analytical Method: EPA 6020					
Arsenic	1.3	mg/Kg	0.57	0.094	2	6/2/2015 10:59	ZS	6/2/2015 20:52	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962185**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-37-06**	Date Collected:	5/28/2015 10:56		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	88.5	%	0.1		1			6/4/2015 12:06	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B Analytical Method: EPA 6020					
Arsenic	2.9	mg/Kg	0.56	0.093	2	6/2/2015 10:59	ZS	6/2/2015 20:52	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962186**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-38-0.5**	Date Collected:	5/28/2015 10:32		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)						Analytical Method: SM 2540G				
Percent Solids (Dryweight)	95.4	%	0.1		1			6/4/2015 12:06	ZS	

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Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962187**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-38-02**	Date Collected:	5/28/2015 10:34		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)						Analytical Method: SM 2540G				
Percent Solids (Dryweight)	92.1	%	0.1		1			6/4/2015 12:06	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962188**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-38-04**	Date Collected:	5/28/2015 10:36		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	89.1	%	0.1		1			6/4/2015 12:06	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B Analytical Method: EPA 6020					
Arsenic	3.1	mg/Kg	0.56	0.092	2	6/2/2015 10:59	ZS	6/2/2015 20:52	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962189**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-38-06**	Date Collected:	5/28/2015 10:38		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)						Analytical Method: SM 2540G				
Percent Solids (Dryweight)	69.4	%	0.1		1			6/4/2015 12:06	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)						Preparation Method: EPA 3050B Analytical Method: EPA 6020				
Arsenic	6.0	mg/Kg	0.72	0.12	2	6/2/2015 10:59	ZS	6/2/2015 20:52	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962190**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-39-0.5**	Date Collected:	5/28/2015 10:14		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)						Analytical Method: SM 2540G				
Percent Solids (Dryweight)	91.8	%	0.1		1			6/4/2015 12:06	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962191**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-39-02**	Date Collected:	5/28/2015 10:18		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)						Analytical Method: SM 2540G				
Percent Solids (Dryweight)	90.9	%	0.1		1			6/4/2015 12:06	ZS	

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Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962192**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-39-04**	Date Collected:	5/28/2015 10:16		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	88.1	%	0.1		1			6/4/2015 12:06	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B Analytical Method: EPA 6020					
Arsenic	1.4	mg/Kg	0.57	0.093	2	6/2/2015 10:59	ZS	6/2/2015 20:52	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962193**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-39-06**	Date Collected:	5/28/2015 10:20		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)						Analytical Method: SM 2540G				
Percent Solids (Dryweight)	62.1	%	0.1		1			6/4/2015 12:09	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)						Preparation Method: EPA 3050B Analytical Method: EPA 6020				
Arsenic	5.8	mg/Kg	0.80	0.13	2	6/2/2015 10:59	ZS	6/2/2015 20:52	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962194**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-40-0.5**	Date Collected:	5/28/2015 10:03		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)						Analytical Method: SM 2540G				
Percent Solids (Dryweight)	91.1	%	0.1		1			6/4/2015 12:09	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962195**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-40-02**	Date Collected:	5/28/2015 10:04		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)						Analytical Method: SM 2540G				
Percent Solids (Dryweight)	88.5	%	0.1		1			6/4/2015 12:09	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962196**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-40-04**	Date Collected:	5/28/2015 10:05		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	82.5	%	0.1		1			6/4/2015 12:09	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B Analytical Method: EPA 6020					
Arsenic	2.9	mg/Kg	0.61	0.099	2	6/2/2015 10:59	ZS	6/2/2015 20:52	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962197**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-40-06**	Date Collected:	5/28/2015 10:06		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	59.7	%	0.1		1			6/4/2015 12:09	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B Analytical Method: EPA 6020					
Arsenic	3.6	mg/Kg	0.84	0.14	2	6/2/2015 10:59	ZS	6/2/2015 20:52	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962198**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-41-0.5**	Date Collected:	5/28/2015 10:24		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)						Analytical Method: SM 2540G				
Percent Solids (Dryweight)	95.2	%	0.1		1			6/4/2015 12:09	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962199**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-41-02**	Date Collected:	5/28/2015 10:26		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)						Analytical Method: SM 2540G				
Percent Solids (Dryweight)	90.9	%	0.1		1			6/4/2015 12:09	ZS	

FDOH# E86546

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962200**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-41-04**	Date Collected:	5/28/2015 10:28		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	87.1	%	0.1		1			6/4/2015 12:09	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B Analytical Method: EPA 6020					
Arsenic	2.5	mg/Kg	0.57	0.094	2	6/2/2015 10:59	ZS	6/2/2015 20:52	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962201**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-41-06**	Date Collected:	5/28/2015 10:30		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	80.0	%	0.1		1			6/4/2015 12:09	ZS	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B Analytical Method: EPA 6020					
Arsenic	2.6	mg/Kg	0.63	0.10	2	6/2/2015 10:59	ZS	6/2/2015 20:52	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962202**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-22-10**	Date Collected:	5/28/2015 11:15		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)						Analytical Method: SM 2540G				
Percent Solids (Dryweight)	90.3	%	0.1		1			6/4/2015 12:09	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962203**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-23-10**	Date Collected:	5/28/2015 11:20		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)						Analytical Method: SM 2540G				
Percent Solids (Dryweight)	86.2	%	0.1		1			6/4/2015 12:09	ZS	

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ANALYTICAL RESULTS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID:	**1541962204**	Date Received:	5/29/2015 17:20	Matrix:	Soil/Solid
Sample ID:	**CA-24-10**	Date Collected:	5/28/2015 11:32		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)						Analytical Method: SM 2540G				
Percent Solids (Dryweight)	85.5	%	0.1		1			6/4/2015 12:09	ZS	

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ANALYTICAL RESULTS QUALIFIERS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

PARAMETER QUALIFIERS

J2d	Surrogate recovery was outside defined limits due to matrix required sample dilution.
J4h	MS/MSD recovery exceeded control limits due to high background sample concentration. LCS/LCSD recovery was within acceptable range.
L	Off-scale high. Reported value is above the calibration range.
P2	Results vary by more than 20%

PROJECT COMMENTS

1541962	A reported value of U indicates that the compound was analyzed for but not detected above the MDL. A value flagged with an "i" flag indicates that the reported value is between the laboratory method detection limit and the practical quantitation limit.

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QUALITY CONTROL DATA

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

QC Batch: MXX/6837 Analysis Method: EPA 6020

QC Batch Method: EPA 3050B

Associated Lab Samples: 1541959001 1541959002 1541961052 1541961053 1541961054 1541961055 1541961056 1541961057 1541961058 1541961059 1541961060 1541961061 1541961062 1541961063 1541961064 1541961065 1541961066 1541961067 1541961068 1541962001

METHOD BLANK: 81000

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Vanadium	mg/Kg	U	0.049	
Nickel	mg/Kg	U	0.15	
Arsenic	mg/Kg	U	0.041	
Antimony	mg/Kg	U	0.029	

LABORATORY CONTROL SAMPLE & LCSD: 81001 81002

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Vanadium	mg/Kg	10	10	10	101	101	75-125	0	20	
Nickel	mg/Kg	10	10	10	103	104	75-125	0	20	
Arsenic	mg/Kg	10	10	10	102	101	75-125	0	20	
Antimony	mg/Kg	10	9.7	10	97.2	103	75-125	3.05	20	

MATRIX SPIKE SAMPLE: 81004 Original: 1541962001

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Vanadium	mg/Kg	34	20	55	107	75-125	
Nickel	mg/Kg	9.4	20	30	101	75-125	
Arsenic	mg/Kg	3.6	20	23	98.6	75-125	
Antimony	mg/Kg	0.16	20	20	100	75-125	

SAMPLE DUPLICATE: 81003 Original: 1541962001

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Vanadium	mg/Kg	34	34	9.23	20	
Nickel	mg/Kg	9.4	11	6.19	20	

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QUALITY CONTROL DATA

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

SAMPLE DUPLICATE: 81003 Original: 1541962001

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Arsenic	mg/Kg	3.6	3.5	11.8	20	
Antimony	mg/Kg	0.16	0.14i	20.7	20	P1

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QUALITY CONTROL DATA

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

QC Batch: MXX/6838 Analysis Method: EPA 6020

QC Batch Method: EPA 3050B

Associated Lab Samples: 1541962002 1541962003 1541962004 1541962005 1541962007 1541962008 1541962009 1541962010 1541962011 1541962013 1541962014 1541962015 1541962016 1541962017 1541962019 1541962020 1541962021 1541962022 1541962023 1541962024

METHOD BLANK: 81005

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Vanadium	mg/Kg	U	0.049	
Nickel	mg/Kg	U	0.15	
Arsenic	mg/Kg	U	0.041	
Antimony	mg/Kg	U	0.029	

LABORATORY CONTROL SAMPLE & LCSD: 81006 81007

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Vanadium	mg/Kg	10	9.9	10	99.2	99.8	75-125	1.01	20	
Nickel	mg/Kg	10	9.9	10	99.3	100	75-125	1.01	20	
Arsenic	mg/Kg	10	10	9.8	100	98.1	75-125	2.02	20	
Antimony	mg/Kg	10	9.7	9.9	96.7	98.6	75-125	2.04	20	

MATRIX SPIKE SAMPLE: 81009 Original: 1541962024

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Vanadium	mg/Kg	14	20	37	115	75-125	
Nickel	mg/Kg	4.5	20	24	98.5	75-125	
Arsenic	mg/Kg	2.5	20	22	97.9	75-125	
Antimony	mg/Kg	0.4	20	20	97.8	75-125	

SAMPLE DUPLICATE: 81008 Original: 1541962024

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Vanadium	mg/Kg	14	16	6.9	20	
Nickel	mg/Kg	4.5	4.8	0	20	

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QUALITY CONTROL DATA

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

SAMPLE DUPLICATE: 81008 Original: 1541962024

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Arsenic	mg/Kg	2.5	2.8	7.69	20	
Antimony	mg/Kg	0.4	0.48i	11.8	20	

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QUALITY CONTROL DATA

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

QC Batch: MXX/6839 Analysis Method: EPA 6020

QC Batch Method: EPA 3050B

Associated Lab Samples: 1541962025 1541962026 1541962027 1541962028 1541962030 1541962031 1541962032 1541962033 1541962034 1541962036 1541962037 1541962038 1541962039 1541962040 1541962042 1541962043 1541962044 1541962045 1541962046 1541962048

METHOD BLANK: 81010

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Vanadium	mg/Kg	U	0.049	
Nickel	mg/Kg	U	0.15	
Arsenic	mg/Kg	U	0.041	
Antimony	mg/Kg	U	0.029	

LABORATORY CONTROL SAMPLE & LCSD: 81011 81012

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Vanadium	mg/Kg	10	10	10	99.7	100	75-125	0	20	
Nickel	mg/Kg	10	9.9	10	99	100	75-125	1.01	20	
Arsenic	mg/Kg	10	9.9	10	98.7	101	75-125	1.01	20	
Antimony	mg/Kg	10	9.3	10	93	102	75-125	7.25	20	

MATRIX SPIKE SAMPLE: 81014 Original: 1541962048

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Vanadium	mg/Kg	12	20	35	115	75-125	
Nickel	mg/Kg	3.4	20	23	97.4	75-125	
Arsenic	mg/Kg	0.8	20	20	96.3	75-125	
Antimony	mg/Kg	0	20	20	100	75-125	

SAMPLE DUPLICATE: 81013 Original: 1541962048

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Vanadium	mg/Kg	12	14	8	20	
Nickel	mg/Kg	3.4	4.0	8.45	20	

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QUALITY CONTROL DATA

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

SAMPLE DUPLICATE: 81013 Original: 1541962048

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Arsenic	mg/Kg	0.8	0.95	10.7	20	
Antimony	mg/Kg	0	U	0	20	

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QUALITY CONTROL DATA

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

QC Batch: MXX/6840 Analysis Method: EPA 6020

QC Batch Method: EPA 3050B

Associated Lab Samples: 1541962049 1541962050 1541962051 1541962052 1541962054 1541962055 1541962056 1541962057 1541962058 1541962060 1541962061 1541962062 1541962063 1541962064 1541962065 1541962066 1541962067 1541962068 1541962069 1541962072

METHOD BLANK: 81015

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Vanadium	mg/Kg	U	0.049	
Nickel	mg/Kg	U	0.15	
Arsenic	mg/Kg	U	0.041	
Antimony	mg/Kg	U	0.029	

LABORATORY CONTROL SAMPLE & LCSD: 81016 81017

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Vanadium	mg/Kg	10	10	9.9	102	98.8	75-125	1.01	20	
Nickel	mg/Kg	10	10	9.7	99.6	96.9	75-125	3.05	20	
Arsenic	mg/Kg	10	9.8	9.5	97.9	95.2	75-125	3.11	20	
Antimony	mg/Kg	10	9.4	10	94.1	100	75-125	6.19	20	

MATRIX SPIKE SAMPLE: 81019 Original: 1541962072

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Vanadium	mg/Kg	11	20	35	119	75-125	
Nickel	mg/Kg	4.2	20	24	99.9	75-125	
Arsenic	mg/Kg	0.61	20	21	99.7	75-125	
Antimony	mg/Kg	0	20	21	103	75-125	

SAMPLE DUPLICATE: 81018 Original: 1541962072

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Vanadium	mg/Kg	11	12	0	20	
Nickel	mg/Kg	4.2	4.4	4.88	20	

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QUALITY CONTROL DATA

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

SAMPLE DUPLICATE: 81018 Original: 1541962072

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Arsenic	mg/Kg	0.61	0.71	6.35	20	
Antimony	mg/Kg	0	U	0	20	

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QUALITY CONTROL DATA

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

QC Batch: MXX/6841 Analysis Method: EPA 6020

QC Batch Method: EPA 3050B

Associated Lab Samples: 1541962073 1541962074 1541962075 1541962077 1541962078 1541962079 1541962080 1541962081 1541962083 1541962084 1541962085 1541962086 1541962087 1541962088 1541962089 1541962090 1541962091 1541962092 1541962093 1541962094

METHOD BLANK: 81020

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Vanadium	mg/Kg	U	0.049	
Nickel	mg/Kg	U	0.15	
Arsenic	mg/Kg	U	0.041	
Antimony	mg/Kg	U	0.029	

LABORATORY CONTROL SAMPLE & LCSD: 81021 81022

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Vanadium	mg/Kg	10	10	9.9	103	98.5	75-125	1.01	20	
Nickel	mg/Kg	10	10	9.9	101	98.6	75-125	1.01	20	
Arsenic	mg/Kg	10	9.6	9.6	96.4	96.4	75-125	0	20	
Antimony	mg/Kg	10	9.5	11	94.7	106	75-125	14.6	20	

MATRIX SPIKE SAMPLE: 81024 Original: 1541962094

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Vanadium	mg/Kg						
Nickel	mg/Kg						
Arsenic	mg/Kg	0.77	20	18	88.4	75-125	
Antimony	mg/Kg						

SAMPLE DUPLICATE: 81023 Original: 1541962094

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Vanadium	mg/Kg		17			
Nickel	mg/Kg		2.3			

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QUALITY CONTROL DATA

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

SAMPLE DUPLICATE: 81023 Original: 1541962094

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Arsenic	mg/Kg	0.77	1.0	13.3	20	
Antimony	mg/Kg		0.070i			P1

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QUALITY CONTROL DATA

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

QC Batch: MXX/6842 Analysis Method: EPA 6020

QC Batch Method: EPA 3050B

Associated Lab Samples: 1541962095 1541962096 1541962097 1541962098 1541962099 1541962100 1541962101 1541962102 1541962103 1541962104 1541962105 1541962106 1541962107 1541962108 1541962109 1541962110 1541962111 1541962112 1541962113 1541962114

METHOD BLANK: 81025

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Vanadium	mg/Kg	U	0.049	
Arsenic	mg/Kg	U	0.041	

LABORATORY CONTROL SAMPLE & LCSD: 81026 81027

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Vanadium	mg/Kg	10	10	10	101	105	75-125	0	20	
Arsenic	mg/Kg	10	9.4	9.6	94.3	96.3	75-125	2.11	20	

MATRIX SPIKE SAMPLE: 81029 Original: 1541962114

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Vanadium	mg/Kg						
Arsenic	mg/Kg	6.8	20	28	108	75-125	

SAMPLE DUPLICATE: 81028 Original: 1541962114

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Vanadium	mg/Kg		8.2			
Arsenic	mg/Kg	6.8	7.3	4.51	20	

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QUALITY CONTROL DATA

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

QC Batch: MXX/6843 Analysis Method: EPA 6020

QC Batch Method: EPA 3050B

Associated Lab Samples: 1541962115, 1541962116, 1541962117, 1541962118, 1541962119, 1541962120, 1541962121, 1541962124, 1541962125, 1541962126, 1541962129, 1541962130, 1541962131, 1541962134, 1541962135, 1541962141, 1541962142, 1541962145, 1541962146, 1541962149

METHOD BLANK: 81038

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Arsenic	mg/Kg	U	0.041	

LABORATORY CONTROL SAMPLE & LCSD: 81039 81040

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Arsenic	mg/Kg	10	10	10	100	102	75-125	0	20	

MATRIX SPIKE SAMPLE: 81042 Original: 1541962149

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/Kg	1.5	20	21	95.4	75-125	

SAMPLE DUPLICATE: 81041 Original: 1541962149

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Arsenic	mg/Kg	1.5	1.8	6.45	20	

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QUALITY CONTROL DATA

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

QC Batch: MXX/6844 Analysis Method: EPA 6020

QC Batch Method: EPA 3050B

Associated Lab Samples: 1541962150 1541962153 1541962154 1541962157 1541962158 1541962159 1541962160 1541962161 1541962162 1541962163 1541962164 1541962165 1541962166 1541962167 1541962168 1541962169 1541962170 1541962173 1541962174 1541962176

METHOD BLANK: 81043

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Arsenic	mg/Kg	U	0.041	

LABORATORY CONTROL SAMPLE & LCSD: 81044 81045

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Arsenic	mg/Kg	10	9.9	10	99.4	101	75-125	1.01	20	

MATRIX SPIKE SAMPLE: 81047 Original: 1541962176

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/Kg	2.3	20	21	95.8	75-125	

SAMPLE DUPLICATE: 81046 Original: 1541962176

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Arsenic	mg/Kg	2.3	2.5	4.44	20	

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QUALITY CONTROL DATA

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

QC Batch: MXX/6845 Analysis Method: EPA 6020

QC Batch Method: EPA 3050B

Associated Lab Samples: 1541961070, 1541962177, 1541962180, 1541962181, 1541962184, 1541962185, 1541962188, 1541962189, 1541962192, 1541962193, 1541962196, 1541962197, 1541962200, 1541962201, 1541970001, 1541970002, 1541970003, 1541970004, 1541970005, 1541970006

METHOD BLANK: 81048

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Arsenic	mg/Kg	U	0.041	

LABORATORY CONTROL SAMPLE & LCSD: 81049 81050

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Arsenic	mg/Kg	10	9.9	9.9	99.2	99	75-125	0	20	

MATRIX SPIKE SAMPLE: 81052 Original: 1541962201

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/Kg	2.1	20	21	93.6	75-125	

SAMPLE DUPLICATE: 81051 Original: 1541962201

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Arsenic	mg/Kg	2.1	2.5	4.88	20	

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QUALITY CONTROL DATA

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

QC Batch: XXX/7818 Analysis Method: FL-PRO (GC)

QC Batch Method: EPA 3545

Associated Lab Samples: 1541962001 1541962002 1541962003 1541962004 1541962005 1541962007 1541962008 1541962009 1541962010 1541962011 1541962013 1541962014 1541962015 1541962016 1541962017 1541962019 1541962020 1541962021 1541962022 1541962023

METHOD BLANK: 81053

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Semivolatiles by GC				
o-Terphenyl (S)	%	73	50-150	
n-Triacontane-d62 (S)	%	90	50-150	
Florida Pro Total	mg/Kg	U	9.91	

LABORATORY CONTROL SAMPLE & LCSD: 81054 81055

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Semivolatiles by GC										
o-Terphenyl (S)	%				65	64	50-150	0.8	20	
n-Triacontane-d62 (S)	%				81	82	50-150	1	20	
Florida Pro Total	mg/Kg	33.3	25.1	24.0	75	72	63-143	4	20	

MATRIX SPIKE SAMPLE: 81057 Original: 1541962001

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Semivolatiles by GC							
o-Terphenyl (S)	%				58	50-150	
n-Triacontane-d62 (S)	%				76	50-150	
Florida Pro Total	mg/Kg	61.7	34.1	118	165	51-215	

SAMPLE DUPLICATE: 81056 Original: 1541962001

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Semivolatiles by GC						
o-Terphenyl (S)	%	1.19		5	20	

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QUALITY CONTROL DATA

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

SAMPLE DUPLICATE: 81056 Original: 1541962001

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
n-Triacontane-d62 (S)	%	1.27		13	20	
Florida Pro Total	mg/Kg	61.7	151	76	20	P2

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QUALITY CONTROL DATA

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

QC Batch: XXX/7819 Analysis Method: FL-PRO (GC)

QC Batch Method: EPA 3545

Associated Lab Samples: 1541962024, 1541962025, 1541962026, 1541962027, 1541962028, 1541962030, 1541962031, 1541962032, 1541962033, 1541962034, 1541962036, 1541962037, 1541962038, 1541962039, 1541962040, 1541962042, 1541962043, 1541962044, 1541962045, 1541962046

METHOD BLANK: 81058

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Semivolatiles by GC				
o-Terphenyl (S)	%	78	50-150	
n-Triacontane-d62 (S)	%	92	50-150	
Florida Pro Total	mg/Kg	U	9.90	

LABORATORY CONTROL SAMPLE & LCSD: 81059 81060

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Semivolatiles by GC										
o-Terphenyl (S)	%				78	82	50-150	3	20	
n-Triacontane-d62 (S)	%				95	98	50-150	0	20	
Florida Pro Total	mg/Kg	34.1	44.0	41.3	129	124	63-143	6	20	

MATRIX SPIKE SAMPLE: 81062 Original: 1541962025

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Semivolatiles by GC							
o-Terphenyl (S)	%				138	50-150	
n-Triacontane-d62 (S)	%				86	50-150	
Florida Pro Total	mg/Kg	335	33.8	341	18	51-215	J4h

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QUALITY CONTROL DATA

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

QC Batch: XXX/7820 Analysis Method: FL-PRO (GC)

QC Batch Method: EPA 3545

Associated Lab Samples: 1541962048 1541962049 1541962050 1541962051 1541962052 1541962054 1541962055 1541962056 1541962057 1541962058 1541962060 1541962061 1541962062 1541962063 1541962064 1541962065 1541962066 1541962067 1541962068 1541962069

METHOD BLANK: 81063

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Semivolatiles by GC				
o-Terphenyl (S)	%	64	50-150	
n-Triacontane-d62 (S)	%	77	50-150	
Florida Pro Total	mg/Kg	U	9.93	

LABORATORY CONTROL SAMPLE & LCSD: 81064 81065

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Semivolatiles by GC										
o-Terphenyl (S)	%				66	69	50-150	1	20	
n-Triacontane-d62 (S)	%				86	85	50-150	4	20	
Florida Pro Total	mg/Kg	34.1	34.6	31.9	102	96	63-143	8	20	

MATRIX SPIKE SAMPLE: 81067 Original: 1541962048

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Semivolatiles by GC							
o-Terphenyl (S)	%				90	50-150	
n-Triacontane-d62 (S)	%				118	50-150	
Florida Pro Total	mg/Kg	89.3	33.9	118	86	51-215	

SAMPLE DUPLICATE: 81066 Original: 1541962048

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Semivolatiles by GC						
o-Terphenyl (S)	%	1.11		0.9	20	

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Workorder: 1541962

Project ID: Former FPL-Cutler Plant

SAMPLE DUPLICATE: 81066 Original: 1541962048

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
n-Triacontane-d62 (S)	%	1.53		7	20	
Florida Pro Total	mg/Kg	89.3	76.5	21	20	P1

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QUALITY CONTROL DATA

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

QC Batch: XXX/7821 Analysis Method: EPA 8310 List by 8270C

QC Batch Method: EPA 3545

Associated Lab Samples: 1541962001 1541962002 1541962003 1541962004 1541962005 1541962007 1541962008 1541962009 1541962010 1541962011 1541962013 1541962014 1541962015 1541962016 1541962017 1541962019 1541962020 1541962021 1541962022 1541962023

METHOD BLANK: 81068

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Semivolatiles by EPA 8270C				
Nitrobenzene-d5 (S)	%	56	20-120	
2-Fluorobiphenyl (S)	%	56	30-115	
p-Terphenyl-d14 (S)	%	79	15-140	
Naphthalene	mg/Kg	U	0.027	
2-Methylnaphthalene	mg/Kg	U	0.038	
1-Methylnaphthalene	mg/Kg	U	0.062	
Acenaphthylene	mg/Kg	U	0.024	
Acenaphthene	mg/Kg	U	0.023	
Fluorene	mg/Kg	U	0.026	
Phenanthrene	mg/Kg	U	0.018	
Anthracene	mg/Kg	U	0.014	
Fluoranthene	mg/Kg	U	0.015	
Pyrene	mg/Kg	U	0.022	
Benzo(a)anthracene	mg/Kg	U	0.015	
Chrysene	mg/Kg	U	0.020	
Benzo(b)fluoranthene	mg/Kg	U	0.015	
Benzo(k)fluoranthene	mg/Kg	U	0.011	
Benzo(a)pyrene	mg/Kg	U	0.021	
Dibenzo(a,h)anthracene	mg/Kg	U	0.036	
Indeno(1,2,3-cd)pyrene	mg/Kg	U	0.019	
Benzo(g,h,i)perylene	mg/Kg	U	0.037	

LABORATORY CONTROL SAMPLE & LCSD: 81069 81070

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Semivolatiles by EPA 8270C										
Nitrobenzene-d5 (S)	%				71	63	20-120	14	40	
2-Fluorobiphenyl (S)	%				67	78	30-115	13	40	
p-Terphenyl-d14 (S)	%				86	88	15-140	0.6	40	
Naphthalene	mg/Kg	1.98	1.44	1.41	72	73	20-140	2	40	
2-Methylnaphthalene	mg/Kg	2	1.57	1.55	78	79	20-140	1	40	
1-Methylnaphthalene	mg/Kg	2	1.55	1.58	77	81	20-140	2	40	

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QUALITY CONTROL DATA

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

LABORATORY CONTROL SAMPLE & LCSD: 81069 81070

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Acenaphthylene	mg/Kg	2.01	1.62	1.64	81	84	20-140	1	40	
Acenaphthene	mg/Kg	2.03	1.63	1.67	81	84	35-120	2	40	
Fluorene	mg/Kg	1.98	1.59	1.62	80	84	20-140	2	40	
Phenanthrene	mg/Kg	2.01	1.74	1.77	87	91	20-140	2	40	
Anthracene	mg/Kg	2.02	1.51	1.58	75	81	20-140	5	40	
Fluoranthene	mg/Kg	2.03	1.80	1.87	89	94	20-140	4	40	
Pyrene	mg/Kg	2.02	1.83	1.81	91	92	40-140	1	40	
Benzo(a)anthracene	mg/Kg	1.99	1.69	1.66	85	85	20-140	2	40	
Chrysene	mg/Kg	1.99	1.73	1.73	87	89	20-140	0	40	
Benzo(b)fluoranthene	mg/Kg	2.01	2.06	2.09	103	107	20-140	1	40	
Benzo(k)fluoranthene	mg/Kg	2.02	1.97	1.83	98	93	20-140	7	40	
Benzo(a)pyrene	mg/Kg	2.01	1.84	1.82	92	93	20-140	1	40	
Dibenzo(a,h)anthracene	mg/Kg	2	1.61	1.51	81	77	20-140	6	40	
Indeno(1,2,3-cd)pyrene	mg/Kg	2.01	1.51	1.41	75	72	20-140	7	40	
Benzo(g,h,i)perylene	mg/Kg	1.98	1.42	1.28	71	66	20-140	10	40	

MATRIX SPIKE SAMPLE: 81077 Original: 1541962001

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Semivolatiles by EPA 8270C							
Nitrobenzene-d5 (S)	%				50	20-120	
2-Fluorobiphenyl (S)	%				53	30-115	
p-Terphenyl-d14 (S)	%				68	15-140	
Naphthalene	mg/Kg	0	1.99	1.18	59	20-140	
2-Methylnaphthalene	mg/Kg	0	2	1.16	58	20-140	
1-Methylnaphthalene	mg/Kg	0	2.01	1.16	58	20-140	
Acenaphthylene	mg/Kg	0	2.01	1.41	70	20-140	
Acenaphthene	mg/Kg	0	2.03	1.5	74	35-120	
Fluorene	mg/Kg	0	1.99	1.53	77	20-140	
Phenanthrene	mg/Kg	0.267	2.01	1.8	77	20-140	
Anthracene	mg/Kg	0.1	2.02	1.33	61	20-140	
Fluoranthene	mg/Kg	1.09	2.03	2.51	70	20-140	
Pyrene	mg/Kg	0.729	2.02	1.9	58	40-140	
Benzo(a)anthracene	mg/Kg	0.605	2	1.84	62	20-140	
Chrysene	mg/Kg	0.63	2	1.91	64	20-140	
Benzo(b)fluoranthene	mg/Kg	0.962	2.01	2.24	64	20-140	
Benzo(k)fluoranthene	mg/Kg	0.24	2.02	1.89	82	20-140	
Benzo(a)pyrene	mg/Kg	0.526	2.01	1.89	68	20-140	
Dibenzo(a,h)anthracene	mg/Kg	0.131	2	1.85	86	20-140	

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QUALITY CONTROL DATA

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

MATRIX SPIKE SAMPLE: 81077 Original: 1541962001

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Indeno(1,2,3-cd)pyrene	mg/Kg	0.401	2.02	2.08	84	20-140	
Benzo(g,h,i)perylene	mg/Kg	0.382	1.99	1.98	81	20-140	

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QUALITY CONTROL DATA

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

QC Batch: XXX/7822 Analysis Method: EPA 8310 List by 8270C

QC Batch Method: EPA 3545

Associated Lab Samples: 1541962024 1541962025 1541962026 1541962027 1541962028 1541962030 1541962031 1541962032 1541962033 1541962034 1541962036 1541962037 1541962038 1541962039 1541962040 1541962042 1541962043 1541962044 1541962045 1541962046

METHOD BLANK: 81083

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Semivolatiles by EPA 8270C				
Nitrobenzene-d5 (S)	%	57	20-120	
2-Fluorobiphenyl (S)	%	60	30-115	
p-Terphenyl-d14 (S)	%	87	15-140	
Naphthalene	mg/Kg	U	3.63	
2-Methylnaphthalene	mg/Kg	U	5.09	
1-Methylnaphthalene	mg/Kg	U	8.41	
Acenaphthylene	mg/Kg	U	3.21	
Acenaphthene	mg/Kg	U	3.15	
Fluorene	mg/Kg	U	3.55	
Phenanthrene	mg/Kg	U	2.37	
Anthracene	mg/Kg	U	1.93	
Fluoranthene	mg/Kg	U	2.05	
Pyrene	mg/Kg	U	2.95	
Benzo(a)anthracene	mg/Kg	U	2.07	
Chrysene	mg/Kg	U	2.72	
Benzo(b)fluoranthene	mg/Kg	U	2.00	
Benzo(k)fluoranthene	mg/Kg	U	1.45	
Benzo(a)pyrene	mg/Kg	U	2.83	
Dibenzo(a,h)anthracene	mg/Kg	U	4.88	
Indeno(1,2,3-cd)pyrene	mg/Kg	U	2.56	
Benzo(g,h,i)perylene	mg/Kg	U	4.93	

LABORATORY CONTROL SAMPLE & LCSD: 81084 81085

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Semivolatiles by EPA 8270C										
Nitrobenzene-d5 (S)	%				70	67	20-120	4	40	
2-Fluorobiphenyl (S)	%				75	72	30-115	4	40	
p-Terphenyl-d14 (S)	%				89	84	15-140	5	40	
Naphthalene	mg/Kg	1.97	1.64	1.59	83	81	20-140	3	40	
2-Methylnaphthalene	mg/Kg	1.98	1.73	1.64	87	83	20-140	5	40	
1-Methylnaphthalene	mg/Kg	1.99	1.75	1.64	88	82	20-140	6	40	

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QUALITY CONTROL DATA

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

LABORATORY CONTROL SAMPLE & LCSD: 81084 81085

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Acenaphthylene	mg/Kg	2	1.86	1.79	93	90	20-140	4	40	
Acenaphthene	mg/Kg	2.01	1.87	1.91	93	95	35-120	2	40	
Fluorene	mg/Kg	1.97	1.85	1.85	94	94	20-140	0	40	
Phenanthrene	mg/Kg	1.99	1.96	1.93	99	97	20-140	2	40	
Anthracene	mg/Kg	2	1.80	1.48	90	74	20-140	20	40	
Fluoranthene	mg/Kg	2.01	2.10	2.04	104	101	20-140	3	40	
Pyrene	mg/Kg	2	1.88	1.78	94	89	40-140	5	40	
Benzo(a)anthracene	mg/Kg	1.98	1.84	1.77	93	89	20-140	4	40	
Chrysene	mg/Kg	1.98	1.97	1.87	99	94	20-140	5	40	
Benzo(b)fluoranthene	mg/Kg	1.99	2.26	2.15	113	108	20-140	5	40	
Benzo(k)fluoranthene	mg/Kg	2	2.11	1.97	105	98	20-140	7	40	
Benzo(a)pyrene	mg/Kg	2	2.09	1.96	105	98	20-140	6	40	
Dibenzo(a,h)anthracene	mg/Kg	1.98	1.87	2.04	94	103	20-140	9	40	
Indeno(1,2,3-cd)pyrene	mg/Kg	2	1.92	1.95	96	98	20-140	2	40	
Benzo(g,h,i)perylene	mg/Kg	1.97	1.78	1.88	91	95	20-140	5	40	

MATRIX SPIKE SAMPLE: 81087 Original: 1541962025

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Semivolatiles by EPA 8270C							
Nitrobenzene-d5 (S)	%				64	20-120	
2-Fluorobiphenyl (S)	%				59	30-115	
p-Terphenyl-d14 (S)	%				59	15-140	
Naphthalene	mg/Kg	0	1.95	1.2	61	20-140	
2-Methylnaphthalene	mg/Kg	0	1.97	1.27	65	20-140	
1-Methylnaphthalene	mg/Kg	0	1.97	1.26	64	20-140	
Acenaphthylene	mg/Kg	0	1.98	1.38	70	20-140	
Acenaphthene	mg/Kg	0.16	1.99	1.5	67	35-120	
Fluorene	mg/Kg	0.114	1.95	1.48	70	20-140	
Phenanthrene	mg/Kg	2.05	1.98	3.03	50	20-140	
Anthracene	mg/Kg	0.65	1.98	1.8	58	20-140	
Fluoranthene	mg/Kg	5.03	2	5.92	44	20-140	
Pyrene	mg/Kg	2.37	1.99	3.05	34	40-140	J4h
Benzo(a)anthracene	mg/Kg	1.82	1.96	2.71	46	20-140	
Chrysene	mg/Kg	1.98	1.96	2.95	49	20-140	
Benzo(b)fluoranthene	mg/Kg	2.58	1.97	3.45	44	20-140	
Benzo(k)fluoranthene	mg/Kg	0.858	1.99	2.15	65	20-140	
Benzo(a)pyrene	mg/Kg	1.5	1.98	2.65	58	20-140	
Dibenzo(a,h)anthracene	mg/Kg	0.362	1.97	1.76	71	20-140	

FDOH# E86546

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QUALITY CONTROL DATA

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

MATRIX SPIKE SAMPLE: 81087 Original: 1541962025

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Indeno(1,2,3-cd)pyrene	mg/Kg	1.25	1.98	2.72	74	20-140	
Benzo(g,h,i)perylene	mg/Kg	1.15	1.95	2.67	78	20-140	

SAMPLE DUPLICATE: 81086 Original: 1541962025

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Semivolatiles by EPA 8270C						
Nitrobenzene-d5 (S)	%	1.25		8	40	
2-Fluorobiphenyl (S)	%	1.17		3	40	
p-Terphenyl-d14 (S)	%	1.26		17	40	
Naphthalene	mg/Kg	0	U	0	40	
2-Methylnaphthalene	mg/Kg	0	U	0	40	
1-Methylnaphthalene	mg/Kg	0	U	0	40	
Acenaphthylene	mg/Kg	0	U	0	40	
Acenaphthene	mg/Kg	0.16	0.135	29	40	
Fluorene	mg/Kg	0.114	0.104i	21	40	
Phenanthrene	mg/Kg	2.05	2.00	15	40	
Anthracene	mg/Kg	0.65	0.394	60	40	P1
Fluoranthene	mg/Kg	5.03	3.91	37	40	
Pyrene	mg/Kg	2.37	2.69	0.4	40	
Benzo(a)anthracene	mg/Kg	1.82	1.69	20	40	
Chrysene	mg/Kg	1.98	1.87	18	40	
Benzo(b)fluoranthene	mg/Kg	2.58	2.59	12	40	
Benzo(k)fluoranthene	mg/Kg	0.858	1.01	4	40	
Benzo(a)pyrene	mg/Kg	1.5	1.50	12	40	
Dibenzo(a,h)anthracene	mg/Kg	0.362	0.334	20	40	
Indeno(1,2,3-cd)pyrene	mg/Kg	1.25	1.24	13	40	
Benzo(g,h,i)perylene	mg/Kg	1.15	1.20	8	40	

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QUALITY CONTROL DATA

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

QC Batch: XXX/7823 Analysis Method: EPA 8310 List by 8270C

QC Batch Method: EPA 3545

Associated Lab Samples: 1541962048 1541962049 1541962050 1541962051 1541962052 1541962054 1541962055 1541962056 1541962057 1541962058 1541962060 1541962061 1541962062 1541962063 1541962064 1541962065 1541962066 1541962067 1541962068 1541962069

METHOD BLANK: 81088

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Semivolatiles by EPA 8270C				
Nitrobenzene-d5 (S)	%	55	20-120	
2-Fluorobiphenyl (S)	%	59	30-115	
p-Terphenyl-d14 (S)	%	78	15-140	
Naphthalene	mg/Kg	U	0.027	
2-Methylnaphthalene	mg/Kg	U	0.038	
1-Methylnaphthalene	mg/Kg	U	0.063	
Acenaphthylene	mg/Kg	U	0.024	
Acenaphthene	mg/Kg	U	0.023	
Fluorene	mg/Kg	U	0.026	
Phenanthrene	mg/Kg	U	0.018	
Anthracene	mg/Kg	U	0.014	
Fluoranthene	mg/Kg	U	0.015	
Pyrene	mg/Kg	U	0.022	
Benzo(a)anthracene	mg/Kg	U	0.015	
Chrysene	mg/Kg	U	0.020	
Benzo(b)fluoranthene	mg/Kg	U	0.015	
Benzo(k)fluoranthene	mg/Kg	U	0.011	
Benzo(a)pyrene	mg/Kg	U	0.021	
Dibenzo(a,h)anthracene	mg/Kg	U	0.036	
Indeno(1,2,3-cd)pyrene	mg/Kg	U	0.019	
Benzo(g,h,i)perylene	mg/Kg	U	0.037	

LABORATORY CONTROL SAMPLE & LCSD: 81089 81090

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Semivolatiles by EPA 8270C										
Nitrobenzene-d5 (S)	%				68	65	20-120	4	40	
2-Fluorobiphenyl (S)	%				67	65	30-115	3	40	
p-Terphenyl-d14 (S)	%				85	81	15-140	5	40	
Naphthalene	mg/Kg	1.97	1.33	1.37	67	69	20-140	3	40	
2-Methylnaphthalene	mg/Kg	1.98	1.50	1.46	76	73	20-140	3	40	
1-Methylnaphthalene	mg/Kg	1.99	1.49	1.52	75	76	20-140	2	40	

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QUALITY CONTROL DATA

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

LABORATORY CONTROL SAMPLE & LCSD: 81089 81090

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Acenaphthylene	mg/Kg	2	1.56	1.61	78	81	20-140	3	40	
Acenaphthene	mg/Kg	2.01	1.56	1.62	78	80	35-120	4	40	
Fluorene	mg/Kg	1.97	1.51	1.63	76	83	20-140	8	40	
Phenanthrene	mg/Kg	1.99	1.70	1.75	85	88	20-140	3	40	
Anthracene	mg/Kg	2	1.49	1.55	74	77	20-140	4	40	
Fluoranthene	mg/Kg	2.01	1.75	1.89	87	94	20-140	8	40	
Pyrene	mg/Kg	2	1.73	1.70	87	85	40-140	2	40	
Benzo(a)anthracene	mg/Kg	1.98	1.58	1.67	80	84	20-140	6	40	
Chrysene	mg/Kg	1.98	1.64	1.70	83	86	20-140	4	40	
Benzo(b)fluoranthene	mg/Kg	1.99	1.90	2.09	96	105	20-140	10	40	
Benzo(k)fluoranthene	mg/Kg	2	1.83	1.83	91	91	20-140	0	40	
Benzo(a)pyrene	mg/Kg	2	1.74	1.74	87	87	20-140	0	40	
Dibenzo(a,h)anthracene	mg/Kg	1.98	1.57	1.75	79	88	20-140	11	40	
Indeno(1,2,3-cd)pyrene	mg/Kg	2	1.43	1.59	71	79	20-140	11	40	
Benzo(g,h,i)perylene	mg/Kg	1.97	1.35	1.54	69	78	20-140	13	40	

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QUALITY CONTROL DATA

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

QC Batch: XXX/7825 Analysis Method: FL-PRO (GC)

QC Batch Method: EPA 3545

Associated Lab Samples: 1541961045 1541961046 1541961047 1541961048 1541962071 1541962072 1541962073 1541962074 1541962075 1541962077 1541962078 1541962079 1541962080 1541962081 1541962083 1541962084 1541962085 1541962086 1541962087

METHOD BLANK: 81096

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Semivolatiles by GC				
o-Terphenyl (S)	%	75	50-150	
n-Triacontane-d62 (S)	%	89	50-150	
Florida Pro Total	mg/Kg	U	10.0	

LABORATORY CONTROL SAMPLE & LCSD: 81097 81098

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Semivolatiles by GC										
o-Terphenyl (S)	%				76	71	50-150	7	20	
n-Triacontane-d62 (S)	%				94	88	50-150	6	20	
Florida Pro Total	mg/Kg	33.9	36.6	35.4	108	105	63-143	3	20	

MATRIX SPIKE SAMPLE: 81100 Original: 1541962073

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Semivolatiles by GC							
o-Terphenyl (S)	%				54	50-150	
n-Triacontane-d62 (S)	%				73	50-150	
Florida Pro Total	mg/Kg	12.4	33.6	49.8	111	51-215	

SAMPLE DUPLICATE: 81099 Original: 1541962073

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Semivolatiles by GC						
o-Terphenyl (S)	%	1.25		5	20	

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QUALITY CONTROL DATA

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

SAMPLE DUPLICATE: 81099 Original: 1541962073

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
n-Triacontane-d62 (S)	%	1.38		1	20	
Florida Pro Total	mg/Kg	12.4	14.4i	7	20	

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QUALITY CONTROL DATA

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

QC Batch: XXX/7826 Analysis Method: EPA 8310 List by 8270C

QC Batch Method: EPA 3545

Associated Lab Samples: 1541962071 1541962072 1541962073 1541962074 1541962075 1541962077 1541962078 1541962079 1541962080 1541962081 1541962083 1541962084 1541962085 1541962086 1541962087 1541962118 1541962119 1541962120 1541962121 1541962124

METHOD BLANK: 81101

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Semivolatiles by EPA 8270C				
Nitrobenzene-d5 (S)	%	65	20-120	
2-Fluorobiphenyl (S)	%	64	30-115	
p-Terphenyl-d14 (S)	%	78	15-140	
Naphthalene	mg/Kg	U	0.027	
2-Methylnaphthalene	mg/Kg	U	0.038	
1-Methylnaphthalene	mg/Kg	U	0.063	
Acenaphthylene	mg/Kg	U	0.024	
Acenaphthene	mg/Kg	U	0.024	
Fluorene	mg/Kg	U	0.027	
Phenanthrene	mg/Kg	U	0.018	
Anthracene	mg/Kg	U	0.015	
Fluoranthene	mg/Kg	U	0.015	
Pyrene	mg/Kg	U	0.022	
Benzo(a)anthracene	mg/Kg	U	0.016	
Chrysene	mg/Kg	U	0.020	
Benzo(b)fluoranthene	mg/Kg	U	0.015	
Benzo(k)fluoranthene	mg/Kg	U	0.011	
Benzo(a)pyrene	mg/Kg	U	0.021	
Dibenzo(a,h)anthracene	mg/Kg	U	0.037	
Indeno(1,2,3-cd)pyrene	mg/Kg	U	0.019	
Benzo(g,h,i)perylene	mg/Kg	U	0.037	

LABORATORY CONTROL SAMPLE & LCSD: 81102 81103

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Semivolatiles by EPA 8270C										
Nitrobenzene-d5 (S)	%				62	72	20-120	16	40	
2-Fluorobiphenyl (S)	%				69	73	30-115	7	40	
p-Terphenyl-d14 (S)	%				84	83	15-140	1	40	
Naphthalene	mg/Kg	1.97	1.54	1.54	78	78	20-140	0	40	
2-Methylnaphthalene	mg/Kg	1.99	1.56	1.58	79	79	20-140	1	40	
1-Methylnaphthalene	mg/Kg	1.99	1.54	1.64	78	83	20-140	6	40	

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QUALITY CONTROL DATA

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

LABORATORY CONTROL SAMPLE & LCSD: 81102 81103

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Acenaphthylene	mg/Kg	2	1.72	1.73	86	87	20-140	0.6	40	
Acenaphthene	mg/Kg	2.01	1.78	1.75	89	87	35-120	2	40	
Fluorene	mg/Kg	1.97	1.84	1.67	93	85	20-140	10	40	
Phenanthrene	mg/Kg	1.99	1.87	1.83	94	92	20-140	2	40	
Anthracene	mg/Kg	2	1.51	1.28	76	64	20-140	16	40	
Fluoranthene	mg/Kg	2.01	2.14	1.98	106	98	20-140	8	40	
Pyrene	mg/Kg	2	1.69	1.71	85	86	40-140	1	40	
Benzo(a)anthracene	mg/Kg	1.98	1.77	1.71	90	86	20-140	3	40	
Chrysene	mg/Kg	1.98	1.90	1.83	96	92	20-140	4	40	
Benzo(b)fluoranthene	mg/Kg	1.99	2.21	2.14	111	107	20-140	3	40	
Benzo(k)fluoranthene	mg/Kg	2	2.04	1.98	102	99	20-140	3	40	
Benzo(a)pyrene	mg/Kg	2	1.99	1.95	100	98	20-140	2	40	
Dibenzo(a,h)anthracene	mg/Kg	1.98	2.03	1.98	102	100	20-140	2	40	
Indeno(1,2,3-cd)pyrene	mg/Kg	2	1.89	1.83	95	91	20-140	3	40	
Benzo(g,h,i)perylene	mg/Kg	1.97	1.78	1.80	90	91	20-140	1	40	

MATRIX SPIKE SAMPLE: 81105 Original: 1541962073

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Semivolatiles by EPA 8270C							
Nitrobenzene-d5 (S)	%				76	20-120	
2-Fluorobiphenyl (S)	%				74	30-115	
p-Terphenyl-d14 (S)	%				93	15-140	
Naphthalene	mg/Kg	0	1.95	1.54	79	20-140	
2-Methylnaphthalene	mg/Kg	0	1.97	1.66	85	20-140	
1-Methylnaphthalene	mg/Kg	0	1.97	1.55	79	20-140	
Acenaphthylene	mg/Kg	0	1.98	1.74	88	20-140	
Acenaphthene	mg/Kg	0	1.99	1.74	87	35-120	
Fluorene	mg/Kg	0	1.95	1.72	88	20-140	
Phenanthrene	mg/Kg	0	1.97	1.89	96	20-140	
Anthracene	mg/Kg	0	1.98	1.62	82	20-140	
Fluoranthene	mg/Kg	0.036	1.99	1.97	97	20-140	
Pyrene	mg/Kg	0	1.98	1.93	97	40-140	
Benzo(a)anthracene	mg/Kg	0	1.96	1.75	89	20-140	
Chrysene	mg/Kg	0	1.96	1.78	91	20-140	
Benzo(b)fluoranthene	mg/Kg	0	1.97	2.09	106	20-140	
Benzo(k)fluoranthene	mg/Kg	0	1.99	1.97	99	20-140	
Benzo(a)pyrene	mg/Kg	0	1.98	1.76	89	20-140	
Dibenzo(a,h)anthracene	mg/Kg	0	1.97	1.46	74	20-140	

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QUALITY CONTROL DATA

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

MATRIX SPIKE SAMPLE: 81105 Original: 1541962073

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Indeno(1,2,3-cd)pyrene	mg/Kg	0	1.98	1.41	71	20-140	
Benzo(g,h,i)perylene	mg/Kg	0	1.95	1.24	63	20-140	

SAMPLE DUPLICATE: 81104 Original: 1541962073

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Semivolatiles by EPA 8270C						
Nitrobenzene-d5 (S)	%	1.3		13	40	
2-Fluorobiphenyl (S)	%	1.29		7	40	
p-Terphenyl-d14 (S)	%	1.42		24	40	
Naphthalene	mg/Kg	0	U	0	40	
2-Methylnaphthalene	mg/Kg	0	U	0	40	
1-Methylnaphthalene	mg/Kg	0	U	0	40	
Acenaphthylene	mg/Kg	0	U	0	40	
Acenaphthene	mg/Kg	0	U	0	40	
Fluorene	mg/Kg	0	U	0	40	
Phenanthrene	mg/Kg	0	U	0	40	
Anthracene	mg/Kg	0	U	0	40	
Fluoranthene	mg/Kg	0.036	0.025i	44	40	P1
Pyrene	mg/Kg	0	U	0	40	
Benzo(a)anthracene	mg/Kg	0	U	0	40	
Chrysene	mg/Kg	0	U	0	40	
Benzo(b)fluoranthene	mg/Kg	0	U	0	40	
Benzo(k)fluoranthene	mg/Kg	0	U	0	40	
Benzo(a)pyrene	mg/Kg	0	U	0	40	
Dibenzo(a,h)anthracene	mg/Kg	0	U	0	40	
Indeno(1,2,3-cd)pyrene	mg/Kg	0	U	0	40	
Benzo(g,h,i)perylene	mg/Kg	0	U	0	40	

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QUALITY CONTROL DATA

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

QC Batch: XXX/7827 Analysis Method: EPA 8310 List by 8270C

QC Batch Method: EPA 3545

Associated Lab Samples: 1541961045 1541961046 1541961047 1541961048 1541961049 1541961050 1541961051 1541961052 1541961053 1541962125 1541962126 1541962127 1541962128 1541962129 1541962130 1541962131 1541962132 1541962133 1541962134 1541962135

METHOD BLANK: 81146

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Semivolatiles by EPA 8270C				
Nitrobenzene-d5 (S)	%	70	20-120	
2-Fluorobiphenyl (S)	%	76	30-115	
p-Terphenyl-d14 (S)	%	91	15-140	
Naphthalene	mg/Kg	U	0.027	
2-Methylnaphthalene	mg/Kg	U	0.038	
1-Methylnaphthalene	mg/Kg	U	0.063	
Acenaphthylene	mg/Kg	U	0.024	
Acenaphthene	mg/Kg	U	0.024	
Fluorene	mg/Kg	U	0.027	
Phenanthrene	mg/Kg	U	0.018	
Anthracene	mg/Kg	U	0.015	
Fluoranthene	mg/Kg	U	0.015	
Pyrene	mg/Kg	U	0.022	
Benzo(a)anthracene	mg/Kg	U	0.016	
Chrysene	mg/Kg	U	0.020	
Benzo(b)fluoranthene	mg/Kg	U	0.015	
Benzo(k)fluoranthene	mg/Kg	U	0.011	
Benzo(a)pyrene	mg/Kg	U	0.021	
Dibenzo(a,h)anthracene	mg/Kg	U	0.037	
Indeno(1,2,3-cd)pyrene	mg/Kg	U	0.019	
Benzo(g,h,i)perylene	mg/Kg	U	0.037	

LABORATORY CONTROL SAMPLE & LCSD: 81147 81148

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Semivolatiles by EPA 8270C										
Nitrobenzene-d5 (S)	%				82	85	20-120	4	40	
2-Fluorobiphenyl (S)	%				80	85	30-115	6	40	
p-Terphenyl-d14 (S)	%				97	102	15-140	5	40	
Naphthalene	mg/Kg	1.97	1.66	1.63	84	83	20-140	2	40	
2-Methylnaphthalene	mg/Kg	1.99	1.84	1.85	93	93	20-140	0.5	40	
1-Methylnaphthalene	mg/Kg	1.99	1.80	1.85	91	93	20-140	3	40	

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QUALITY CONTROL DATA

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

LABORATORY CONTROL SAMPLE & LCSD: 81147 81148

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Acenaphthylene	mg/Kg	2	1.92	1.89	96	95	20-140	2	40	
Acenaphthene	mg/Kg	2.01	1.94	1.89	97	94	35-120	3	40	
Fluorene	mg/Kg	1.97	1.84	1.81	93	92	20-140	2	40	
Phenanthrene	mg/Kg	1.99	2.03	1.97	102	99	20-140	3	40	
Anthracene	mg/Kg	2	1.47	1.39	74	69	20-140	6	40	
Fluoranthene	mg/Kg	2.01	2.05	1.98	102	98	20-140	3	40	
Pyrene	mg/Kg	2	2.05	2.03	102	101	40-140	1	40	
Benzo(a)anthracene	mg/Kg	1.98	1.87	1.83	94	92	20-140	2	40	
Chrysene	mg/Kg	1.98	1.89	1.88	95	95	20-140	0.5	40	
Benzo(b)fluoranthene	mg/Kg	1.99	2.33	2.10	117	105	20-140	10	40	
Benzo(k)fluoranthene	mg/Kg	2	2.15	2.18	107	109	20-140	1	40	
Benzo(a)pyrene	mg/Kg	2	2.02	1.92	101	96	20-140	5	40	
Dibenzo(a,h)anthracene	mg/Kg	1.98	1.97	1.63	99	82	20-140	19	40	
Indeno(1,2,3-cd)pyrene	mg/Kg	2	1.76	1.50	88	75	20-140	16	40	
Benzo(g,h,i)perylene	mg/Kg	1.97	1.76	1.43	89	72	20-140	21	40	

MATRIX SPIKE SAMPLE: 81150 Original: 1541962130

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Semivolatiles by EPA 8270C							
Nitrobenzene-d5 (S)	%				49	20-120	
2-Fluorobiphenyl (S)	%				46	30-115	
p-Terphenyl-d14 (S)	%				54	15-140	
Naphthalene	mg/Kg	0	1.97	1.09	55	20-140	
2-Methylnaphthalene	mg/Kg	0	1.99	1.15	58	20-140	
1-Methylnaphthalene	mg/Kg	0	1.99	1.15	58	20-140	
Acenaphthylene	mg/Kg	0	2	1.17	59	20-140	
Acenaphthene	mg/Kg	0	2.01	1.18	58	35-120	
Fluorene	mg/Kg	0	1.97	1.12	57	20-140	
Phenanthrene	mg/Kg	0.185	1.99	1.42	62	20-140	
Anthracene	mg/Kg	0	2	0.899	45	20-140	
Fluoranthene	mg/Kg	0.337	2.01	1.64	64	20-140	
Pyrene	mg/Kg	0.243	2	1.49	62	40-140	
Benzo(a)anthracene	mg/Kg	0.065	1.98	1.22	59	20-140	
Chrysene	mg/Kg	0.135	1.98	1.31	59	20-140	
Benzo(b)fluoranthene	mg/Kg	0.245	1.99	1.54	65	20-140	
Benzo(k)fluoranthene	mg/Kg	0.083	2	1.33	62	20-140	
Benzo(a)pyrene	mg/Kg	0.127	2	1.25	56	20-140	
Dibenzo(a,h)anthracene	mg/Kg	0.045	1.98	1.41	69	20-140	

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QUALITY CONTROL DATA

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

MATRIX SPIKE SAMPLE: 81150 Original: 1541962130

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Indeno(1,2,3-cd)pyrene	mg/Kg	0.177	2	1.44	63	20-140	
Benzo(g,h,i)perylene	mg/Kg	0.166	1.97	1.46	66	20-140	

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QUALITY CONTROL DATA

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

QC Batch: MXX/6849 Analysis Method: EPA 6020

QC Batch Method: EPA 3050B

Associated Lab Samples: 1541962071 1541962136 1541962137 1541962138 1541970027 1541970028 1541970029 1541970030 1541970031 1541970032 1541970033 1541970034 1541970035 1541970036 1541970037 1541970038 1541970039 1541974001 1541975001 1541975002

METHOD BLANK: 81156

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Vanadium	mg/Kg	U	0.049	
Nickel	mg/Kg	U	0.15	
Arsenic	mg/Kg	U	0.041	
Antimony	mg/Kg	U	0.029	

LABORATORY CONTROL SAMPLE & LCSD: 81157 81158

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Vanadium	mg/Kg	10	9.9	9.9	98.7	98.7	75-125	0	20	
Nickel	mg/Kg	10	9.9	9.8	99.3	98	75-125	1.02	20	
Arsenic	mg/Kg	10	10	9.9	100	99.5	75-125	1.01	20	
Antimony	mg/Kg	10	9.0	9.3	89.6	93	75-125	3.28	20	

MATRIX SPIKE SAMPLE: 81160 Original: 1541975002

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Vanadium	mg/Kg						
Nickel	mg/Kg						
Arsenic	mg/Kg	13	20	33	97.1	75-125	
Antimony	mg/Kg						

SAMPLE DUPLICATE: 81159 Original: 1541975002

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Vanadium	mg/Kg		U			
Nickel	mg/Kg		U			

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QUALITY CONTROL DATA

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

SAMPLE DUPLICATE: 81159 Original: 1541975002

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Arsenic	mg/Kg	13	14	0	20	
Antimony	mg/Kg		U			

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QUALITY CONTROL DATA

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

QC Batch: XXX/7845 Analysis Method: FL-PRO (GC)

QC Batch Method: EPA 3545

Associated Lab Samples: 1541962012, 1541962041, 1541962047, 1542040001, 1542040002, 1542054001, 1542054002, 1542054003, 1542054004, 1542059001, 1542059002, 1542059003, 1542059004, 1542060001, 1542060002, 1542060003, 1542060004

METHOD BLANK: 81440

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Semivolatiles by GC				
o-Terphenyl (S)	%	77	50-150	
n-Triacontane-d62 (S)	%	88	50-150	
Florida Pro Total	mg/Kg	U	10.0	

LABORATORY CONTROL SAMPLE & LCSD: 81441 81442

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Semivolatiles by GC										
o-Terphenyl (S)	%				85	90	50-150	6	20	
n-Triacontane-d62 (S)	%				101	101	50-150	0.5	20	
Florida Pro Total	mg/Kg	33.9	41.6	40.2	123	119	63-143	3	20	

MATRIX SPIKE SAMPLE: 81444 Original: 1542040002

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Semivolatiles by GC							
o-Terphenyl (S)	%				71	50-150	
n-Triacontane-d62 (S)	%				84	50-150	
Florida Pro Total	mg/Kg	65.4	33.8	81.9	49	51-215	J4

SAMPLE DUPLICATE: 81443 Original: 1542040002

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Semivolatiles by GC						
o-Terphenyl (S)	%	1.64		3	20	
n-Triacontane-d62 (S)	%	1.89		4	20	

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QUALITY CONTROL DATA

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

SAMPLE DUPLICATE: 81443 Original: 1542040002

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Florida Pro Total	mg/Kg	65.4	83.1	19	20	

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QUALITY CONTROL DATA

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

QC Batch: XXX/7848 Analysis Method: EPA 8310 List by 8270C

QC Batch Method: EPA 3545

Associated Lab Samples: 1541962006 1541962012 1541962018 1541962041 1541962047 1541962053 1541962059 1541962070 1541962076 1541962082 1541962122 1541962123 1541962136 1541962137 1541962138 1542060001 1542060002 1542060003 1542060004 1542073005

METHOD BLANK: 81488

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Semivolatiles by EPA 8270C				
Nitrobenzene-d5 (S)	%	55	20-120	
2-Fluorobiphenyl (S)	%	56	30-115	
p-Terphenyl-d14 (S)	%	84	15-140	
Naphthalene	mg/Kg	U	0.027	
2-Methylnaphthalene	mg/Kg	U	0.038	
1-Methylnaphthalene	mg/Kg	U	0.063	
Acenaphthylene	mg/Kg	U	0.024	
Acenaphthene	mg/Kg	U	0.024	
Fluorene	mg/Kg	U	0.027	
Phenanthrene	mg/Kg	U	0.018	
Anthracene	mg/Kg	U	0.015	
Fluoranthene	mg/Kg	U	0.015	
Pyrene	mg/Kg	U	0.022	
Benzo(a)anthracene	mg/Kg	U	0.016	
Chrysene	mg/Kg	U	0.020	
Benzo(b)fluoranthene	mg/Kg	U	0.015	
Benzo(k)fluoranthene	mg/Kg	U	0.011	
Benzo(a)pyrene	mg/Kg	U	0.021	
Dibenzo(a,h)anthracene	mg/Kg	U	0.037	
Indeno(1,2,3-cd)pyrene	mg/Kg	U	0.019	
Benzo(g,h,i)perylene	mg/Kg	U	0.037	

LABORATORY CONTROL SAMPLE & LCSD: 81489 81490

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Semivolatiles by EPA 8270C										
Nitrobenzene-d5 (S)	%				63	82	20-120	26	40	
2-Fluorobiphenyl (S)	%				67	74	30-115	11	40	
p-Terphenyl-d14 (S)	%				86	90	15-140	4	40	
Naphthalene	mg/Kg	1.97	1.38	1.56	70	79	20-140	12	40	
2-Methylnaphthalene	mg/Kg	1.99	1.49	1.70	75	86	20-140	13	40	
1-Methylnaphthalene	mg/Kg	1.99	1.49	1.64	75	83	20-140	10	40	

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QUALITY CONTROL DATA

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

LABORATORY CONTROL SAMPLE & LCSD: 81489 81490

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Acenaphthylene	mg/Kg	2	1.60	1.71	80	86	20-140	7	40	
Acenaphthene	mg/Kg	2.01	1.60	1.76	79	87	35-120	10	40	
Fluorene	mg/Kg	1.97	1.56	1.68	79	85	20-140	7	40	
Phenanthrene	mg/Kg	1.99	1.73	1.83	87	92	20-140	6	40	
Anthracene	mg/Kg	2	1.55	1.71	78	85	20-140	10	40	
Fluoranthene	mg/Kg	2.01	1.81	1.91	90	95	20-140	5	40	
Pyrene	mg/Kg	2	1.74	1.85	87	92	40-140	6	40	
Benzo(a)anthracene	mg/Kg	1.98	1.62	1.65	82	83	20-140	2	40	
Chrysene	mg/Kg	1.98	1.67	1.72	84	87	20-140	3	40	
Benzo(b)fluoranthene	mg/Kg	1.99	1.99	2.04	100	102	20-140	2	40	
Benzo(k)fluoranthene	mg/Kg	2	1.78	1.89	89	94	20-140	6	40	
Benzo(a)pyrene	mg/Kg	2	1.73	1.79	87	90	20-140	3	40	
Dibenzo(a,h)anthracene	mg/Kg	1.98	1.62	1.66	82	84	20-140	2	40	
Indeno(1,2,3-cd)pyrene	mg/Kg	2	1.56	1.61	78	80	20-140	3	40	
Benzo(g,h,i)perylene	mg/Kg	1.97	1.49	1.51	76	77	20-140	1	40	

MATRIX SPIKE SAMPLE: 81492 Original: 1542060001

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Semivolatiles by EPA 8270C							
Nitrobenzene-d5 (S)	%				62	20-120	
2-Fluorobiphenyl (S)	%				59	30-115	
p-Terphenyl-d14 (S)	%				76	15-140	
Naphthalene	mg/Kg	0	1.97	1.2	61	20-140	
2-Methylnaphthalene	mg/Kg	0	1.98	1.29	65	20-140	
1-Methylnaphthalene	mg/Kg	0	1.99	1.25	63	20-140	
Acenaphthylene	mg/Kg	0	1.99	1.38	69	20-140	
Acenaphthene	mg/Kg	0	2.01	1.39	69	35-120	
Fluorene	mg/Kg	0	1.97	1.37	69	20-140	
Phenanthrene	mg/Kg	0	1.99	1.53	77	20-140	
Anthracene	mg/Kg	0	2	1.4	70	20-140	
Fluoranthene	mg/Kg	0	2.01	1.62	81	20-140	
Pyrene	mg/Kg	0	2	1.56	78	40-140	
Benzo(a)anthracene	mg/Kg	0	1.98	1.37	69	20-140	
Chrysene	mg/Kg	0	1.98	1.43	72	20-140	
Benzo(b)fluoranthene	mg/Kg	0	1.99	1.63	82	20-140	
Benzo(k)fluoranthene	mg/Kg	0	2	1.52	76	20-140	
Benzo(a)pyrene	mg/Kg	0	2	1.45	73	20-140	
Dibenzo(a,h)anthracene	mg/Kg	0	1.98	1.28	64	20-140	

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QUALITY CONTROL DATA

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

MATRIX SPIKE SAMPLE: 81492 Original: 1542060001

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Indeno(1,2,3-cd)pyrene	mg/Kg	0	2	1.24	62	20-140	
Benzo(g,h,i)perylene	mg/Kg	0	1.97	1.13	57	20-140	

SAMPLE DUPLICATE: 81491 Original: 1542060001

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Semivolatiles by EPA 8270C						
Nitrobenzene-d5 (S)	%	1.53		21	40	
2-Fluorobiphenyl (S)	%	1.32		8	40	
p-Terphenyl-d14 (S)	%	1.75		8	40	
Naphthalene	mg/Kg	0	U	0	40	
2-Methylnaphthalene	mg/Kg	0	U	0	40	
1-Methylnaphthalene	mg/Kg	0	U	0	40	
Acenaphthylene	mg/Kg	0	U	0	40	
Acenaphthene	mg/Kg	0	U	0	40	
Fluorene	mg/Kg	0	U	0	40	
Phenanthrene	mg/Kg	0	U	0	40	
Anthracene	mg/Kg	0	U	0	40	
Fluoranthene	mg/Kg	0	U	0	40	
Pyrene	mg/Kg	0	U	0	40	
Benzo(a)anthracene	mg/Kg	0	U	0	40	
Chrysene	mg/Kg	0	U	0	40	
Benzo(b)fluoranthene	mg/Kg	0	U	0	40	
Benzo(k)fluoranthene	mg/Kg	0	U	0	40	
Benzo(a)pyrene	mg/Kg	0	U	0	40	
Dibenzo(a,h)anthracene	mg/Kg	0	U	0	40	
Indeno(1,2,3-cd)pyrene	mg/Kg	0	U	0	40	
Benzo(g,h,i)perylene	mg/Kg	0	U	0	40	

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QUALITY CONTROL DATA

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

QC Batch: MXX/6873 Analysis Method: EPA 6020

QC Batch Method: EPA 3050B

Associated Lab Samples: 1541962006, 1541962018, 1541962029, 1541962035, 1541962041, 1541962053, 1541962059, 1541962070, 1541962076, 1541962082, 1542054001, 1542054002, 1542054003, 1542054004, 1542055001, 1542055002, 1542059001, 1542059002, 1542059003, 1542059004

METHOD BLANK: 81502

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Arsenic	mg/Kg	U	0.041	

LABORATORY CONTROL SAMPLE & LCSD: 81503 81504

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Arsenic	mg/Kg	10	10	10	102	102	75-125	0	20	

MATRIX SPIKE SAMPLE: 81506 Original: 1541962082

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/Kg	3.6	20	22	92.5	75-125	

SAMPLE DUPLICATE: 81505 Original: 1541962082

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Arsenic	mg/Kg	3.6	4.1	0	20	

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QUALITY CONTROL DATA

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

QC Batch: MXX/6897 Analysis Method: EPA 6020

QC Batch Method: EPA 3050B

Associated Lab Samples: 1541962047 1541962122 1542158004 1542183001 1542184001 1542185001

METHOD BLANK: 81944

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Arsenic	mg/Kg	U	0.041	

LABORATORY CONTROL SAMPLE & LCSD: 81945 81946

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Arsenic	mg/Kg	10	9.8	9.8	97.8	98.4	75-125	0	20	

MATRIX SPIKE SAMPLE: 81948 Original: 1541962122

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/Kg	0.74	20	21	102	75-125	

SAMPLE DUPLICATE: 81947 Original: 1541962122

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Arsenic	mg/Kg	0.74	0.95	10.3	20	

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QUALITY CONTROL DATA QUALIFIERS

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

QUALITY CONTROL PARAMETER QUALIFIERS

J4	MS/MSD recovery exceeded control limits due to matrix interference. LCS/LCSD recovery was within acceptable range.
J4h	MS/MSD recovery exceeded control limits due to high background sample concentration. LCS/LCSD recovery was within acceptable range.
P1	RPD value not applicable for sample concentrations less than 5 times the PQL.
P2	Results vary by more than 20%

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
1541962001	**CA-01-0.5**	EPA 3050B	MXX/6837	EPA 6020	MMS/6118
1541962002	**CA-01-02**	EPA 3050B	MXX/6838	EPA 6020	MMS/6119
1541962003	**CA-01-04**	EPA 3050B	MXX/6838	EPA 6020	MMS/6119
1541962004	**CA-01-06**	EPA 3050B	MXX/6838	EPA 6020	MMS/6119
1541962005	**CA-01-08**	EPA 3050B	MXX/6838	EPA 6020	MMS/6119
1541962007	**CA-02-0.5**	EPA 3050B	MXX/6838	EPA 6020	MMS/6119
1541962008	**CA-02-02**	EPA 3050B	MXX/6838	EPA 6020	MMS/6119
1541962009	**CA-02-04**	EPA 3050B	MXX/6838	EPA 6020	MMS/6119
1541962010	**CA-02-06**	EPA 3050B	MXX/6838	EPA 6020	MMS/6119
1541962011	**CA-02-08**	EPA 3050B	MXX/6838	EPA 6020	MMS/6119
1541962013	**CA-03-0.5**	EPA 3050B	MXX/6838	EPA 6020	MMS/6119
1541962014	**CA-03-02**	EPA 3050B	MXX/6838	EPA 6020	MMS/6119
1541962015	**CA-03-04**	EPA 3050B	MXX/6838	EPA 6020	MMS/6119
1541962016	**CA-03-06**	EPA 3050B	MXX/6838	EPA 6020	MMS/6119
1541962017	**CA-03-08**	EPA 3050B	MXX/6838	EPA 6020	MMS/6119
1541962019	**CA-04-0.5**	EPA 3050B	MXX/6838	EPA 6020	MMS/6119
1541962020	**CA-04-02**	EPA 3050B	MXX/6838	EPA 6020	MMS/6119
1541962021	**CA-04-04**	EPA 3050B	MXX/6838	EPA 6020	MMS/6119
1541962022	**CA-04-06**	EPA 3050B	MXX/6838	EPA 6020	MMS/6119
1541962023	**CA-04-08**	EPA 3050B	MXX/6838	EPA 6020	MMS/6119
1541962024	**CA-05-0.5**	EPA 3050B	MXX/6838	EPA 6020	MMS/6119
1541962025	**CA-05-02**	EPA 3050B	MXX/6839	EPA 6020	MMS/6120
1541962026	**CA-05-04**	EPA 3050B	MXX/6839	EPA 6020	MMS/6120
1541962027	**CA-05-06**	EPA 3050B	MXX/6839	EPA 6020	MMS/6120
1541962028	**CA-05-08**	EPA 3050B	MXX/6839	EPA 6020	MMS/6120
1541962030	**CA-06-0.5**	EPA 3050B	MXX/6839	EPA 6020	MMS/6120
1541962031	**CA-06-02**	EPA 3050B	MXX/6839	EPA 6020	MMS/6120
1541962032	**CA-06-04**	EPA 3050B	MXX/6839	EPA 6020	MMS/6120

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
1541962033	**CA-06-06**	EPA 3050B	MXX/6839	EPA 6020	MMS/6120
1541962034	**CA-06-08**	EPA 3050B	MXX/6839	EPA 6020	MMS/6120
1541962036	**CA-07-0.5**	EPA 3050B	MXX/6839	EPA 6020	MMS/6120
1541962037	**CA-07-02**	EPA 3050B	MXX/6839	EPA 6020	MMS/6120
1541962038	**CA-07-04**	EPA 3050B	MXX/6839	EPA 6020	MMS/6120
1541962039	**CA-07-06**	EPA 3050B	MXX/6839	EPA 6020	MMS/6120
1541962040	**CA-07-08**	EPA 3050B	MXX/6839	EPA 6020	MMS/6120
1541962042	**CA-08-0.5**	EPA 3050B	MXX/6839	EPA 6020	MMS/6120
1541962043	**CA-08-02**	EPA 3050B	MXX/6839	EPA 6020	MMS/6120
1541962044	**CA-08-04**	EPA 3050B	MXX/6839	EPA 6020	MMS/6120
1541962045	**CA-08-06**	EPA 3050B	MXX/6839	EPA 6020	MMS/6120
1541962046	**CA-08-08**	EPA 3050B	MXX/6839	EPA 6020	MMS/6120
1541962048	**CA-09-0.5**	EPA 3050B	MXX/6839	EPA 6020	MMS/6120
1541962049	**CA-09-02**	EPA 3050B	MXX/6840	EPA 6020	MMS/6121
1541962050	**CA-09-04**	EPA 3050B	MXX/6840	EPA 6020	MMS/6121
1541962051	**CA-09-06**	EPA 3050B	MXX/6840	EPA 6020	MMS/6121
1541962052	**CA-09-08**	EPA 3050B	MXX/6840	EPA 6020	MMS/6121
1541962054	**CA-10-0.5**	EPA 3050B	MXX/6840	EPA 6020	MMS/6121
1541962055	**CA-10-02**	EPA 3050B	MXX/6840	EPA 6020	MMS/6121
1541962056	**CA-10-04**	EPA 3050B	MXX/6840	EPA 6020	MMS/6121
1541962057	**CA-10-06**	EPA 3050B	MXX/6840	EPA 6020	MMS/6121
1541962058	**CA-10-08**	EPA 3050B	MXX/6840	EPA 6020	MMS/6121
1541962060	**CA-11-0.5**	EPA 3050B	MXX/6840	EPA 6020	MMS/6121
1541962061	**CA-11-02**	EPA 3050B	MXX/6840	EPA 6020	MMS/6121
1541962062	**CA-11-04**	EPA 3050B	MXX/6840	EPA 6020	MMS/6121
1541962063	**CA-11-06**	EPA 3050B	MXX/6840	EPA 6020	MMS/6121
1541962064	**CA-11-08**	EPA 3050B	MXX/6840	EPA 6020	MMS/6121
1541962065	**CA-12-0.5**	EPA 3050B	MXX/6840	EPA 6020	MMS/6121
1541962066	**CA-12-02**	EPA 3050B	MXX/6840	EPA 6020	MMS/6121

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
1541962067	**CA-12-04**	EPA 3050B	MXX/6840	EPA 6020	MMS/6121
1541962068	**CA-12-06**	EPA 3050B	MXX/6840	EPA 6020	MMS/6121
1541962069	**CA-12-08**	EPA 3050B	MXX/6840	EPA 6020	MMS/6121
1541962072	**CA-13-02**	EPA 3050B	MXX/6840	EPA 6020	MMS/6121
1541962073	**CA-13-04**	EPA 3050B	MXX/6841	EPA 6020	MMS/6122
1541962074	**CA-13-06**	EPA 3050B	MXX/6841	EPA 6020	MMS/6122
1541962075	**CA-13-08**	EPA 3050B	MXX/6841	EPA 6020	MMS/6122
1541962077	**CA-14-0.5**	EPA 3050B	MXX/6841	EPA 6020	MMS/6122
1541962078	**CA-14-02**	EPA 3050B	MXX/6841	EPA 6020	MMS/6122
1541962079	**CA-14-04**	EPA 3050B	MXX/6841	EPA 6020	MMS/6122
1541962080	**CA-14-06**	EPA 3050B	MXX/6841	EPA 6020	MMS/6122
1541962081	**CA-14-08**	EPA 3050B	MXX/6841	EPA 6020	MMS/6122
1541962083	**CA-15-0.5**	EPA 3050B	MXX/6841	EPA 6020	MMS/6122
1541962084	**CA-15-02**	EPA 3050B	MXX/6841	EPA 6020	MMS/6122
1541962085	**CA-15-04**	EPA 3050B	MXX/6841	EPA 6020	MMS/6122
1541962086	**CA-15-06**	EPA 3050B	MXX/6841	EPA 6020	MMS/6122
1541962087	**CA-15-08**	EPA 3050B	MXX/6841	EPA 6020	MMS/6122
1541962088	**CA-16-0.5**	EPA 3050B	MXX/6841	EPA 6020	MMS/6122
1541962089	**CA-16-02**	EPA 3050B	MXX/6841	EPA 6020	MMS/6122
1541962090	**CA-16-04**	EPA 3050B	MXX/6841	EPA 6020	MMS/6122
1541962091	**CA-16-06**	EPA 3050B	MXX/6841	EPA 6020	MMS/6122
1541962092	**CA-16-08**	EPA 3050B	MXX/6841	EPA 6020	MMS/6122
1541962093	**CA-16-10**	EPA 3050B	MXX/6841	EPA 6020	MMS/6122
1541962094	**CA-17-0.5**	EPA 3050B	MXX/6841	EPA 6020	MMS/6122
1541962095	**CA-17-02**	EPA 3050B	MXX/6842	EPA 6020	MMS/6123
1541962096	**CA-17-04**	EPA 3050B	MXX/6842	EPA 6020	MMS/6123
1541962097	**CA-17-06**	EPA 3050B	MXX/6842	EPA 6020	MMS/6123
1541962098	**CA-17-08**	EPA 3050B	MXX/6842	EPA 6020	MMS/6123

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
1541962099	**CA-17-10**	EPA 3050B	MXX/6842	EPA 6020	MMS/6123
1541962100	**CA-18-0.5**	EPA 3050B	MXX/6842	EPA 6020	MMS/6123
1541962101	**CA-18-02**	EPA 3050B	MXX/6842	EPA 6020	MMS/6123
1541962102	**CA-18-04**	EPA 3050B	MXX/6842	EPA 6020	MMS/6123
1541962103	**CA-18-06**	EPA 3050B	MXX/6842	EPA 6020	MMS/6123
1541962104	**CA-18-08**	EPA 3050B	MXX/6842	EPA 6020	MMS/6123
1541962105	**CA-18-10**	EPA 3050B	MXX/6842	EPA 6020	MMS/6123
1541962106	**CA-19-0.5**	EPA 3050B	MXX/6842	EPA 6020	MMS/6123
1541962107	**CA-19-02**	EPA 3050B	MXX/6842	EPA 6020	MMS/6123
1541962108	**CA-19-04**	EPA 3050B	MXX/6842	EPA 6020	MMS/6123
1541962109	**CA-19-06**	EPA 3050B	MXX/6842	EPA 6020	MMS/6123
1541962110	**CA-19-08**	EPA 3050B	MXX/6842	EPA 6020	MMS/6123
1541962111	**CA-19-10**	EPA 3050B	MXX/6842	EPA 6020	MMS/6123
1541962112	**CA-20-0.5**	EPA 3050B	MXX/6842	EPA 6020	MMS/6123
1541962113	**CA-20-02**	EPA 3050B	MXX/6842	EPA 6020	MMS/6123
1541962114	**CA-20-04**	EPA 3050B	MXX/6842	EPA 6020	MMS/6123
1541962115	**CA-20-06**	EPA 3050B	MXX/6843	EPA 6020	MMS/6124
1541962116	**CA-20-08**	EPA 3050B	MXX/6843	EPA 6020	MMS/6124
1541962117	**CA-20-10**	EPA 3050B	MXX/6843	EPA 6020	MMS/6124
1541962118	**CA-21-0.5**	EPA 3050B	MXX/6843	EPA 6020	MMS/6124
1541962119	**CA-21-02**	EPA 3050B	MXX/6843	EPA 6020	MMS/6124
1541962120	**CA-21-04**	EPA 3050B	MXX/6843	EPA 6020	MMS/6124
1541962121	**CA-21-06**	EPA 3050B	MXX/6843	EPA 6020	MMS/6124
1541962124	**CA-22-0.5**	EPA 3050B	MXX/6843	EPA 6020	MMS/6124
1541962125	**CA-22-02**	EPA 3050B	MXX/6843	EPA 6020	MMS/6124
1541962126	**CA-22-04**	EPA 3050B	MXX/6843	EPA 6020	MMS/6124
1541962129	**CA-23-0.5**	EPA 3050B	MXX/6843	EPA 6020	MMS/6124
1541962130	**CA-23-02**	EPA 3050B	MXX/6843	EPA 6020	MMS/6124
1541962131	**CA-23-04**	EPA 3050B	MXX/6843	EPA 6020	MMS/6124

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Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
1541962134	**CA-24-0.5**	EPA 3050B	MXX/6843	EPA 6020	MMS/6124
1541962135	**CA-24-02**	EPA 3050B	MXX/6843	EPA 6020	MMS/6124
1541962141	**CA-25-04**	EPA 3050B	MXX/6843	EPA 6020	MMS/6124
1541962142	**CA-25-06**	EPA 3050B	MXX/6843	EPA 6020	MMS/6124
1541962145	**CA-26-04**	EPA 3050B	MXX/6843	EPA 6020	MMS/6124
1541962146	**CA-26-06**	EPA 3050B	MXX/6843	EPA 6020	MMS/6124
1541962149	**CA-27-04**	EPA 3050B	MXX/6843	EPA 6020	MMS/6124
1541962150	**CA-27-05**	EPA 3050B	MXX/6844	EPA 6020	MMS/6125
1541962153	**CA-28-04**	EPA 3050B	MXX/6844	EPA 6020	MMS/6125
1541962154	**CA-28-05**	EPA 3050B	MXX/6844	EPA 6020	MMS/6125
1541962157	**CA-29-04**	EPA 3050B	MXX/6844	EPA 6020	MMS/6125
1541962158	**CA-29-05**	EPA 3050B	MXX/6844	EPA 6020	MMS/6125
1541962159	**CA-30-0.5**	EPA 3050B	MXX/6844	EPA 6020	MMS/6125
1541962160	**CA-30-02**	EPA 3050B	MXX/6844	EPA 6020	MMS/6125
1541962161	**CA-30-04**	EPA 3050B	MXX/6844	EPA 6020	MMS/6125
1541962162	**CA-31-0.5**	EPA 3050B	MXX/6844	EPA 6020	MMS/6125
1541962163	**CA-31-02**	EPA 3050B	MXX/6844	EPA 6020	MMS/6125
1541962164	**CA-31-04**	EPA 3050B	MXX/6844	EPA 6020	MMS/6125
1541962165	**CA-32-0.5**	EPA 3050B	MXX/6844	EPA 6020	MMS/6125
1541962166	**CA-32-02**	EPA 3050B	MXX/6844	EPA 6020	MMS/6125
1541962167	**CA-32-04**	EPA 3050B	MXX/6844	EPA 6020	MMS/6125
1541962168	**CA-33-0.5**	EPA 3050B	MXX/6844	EPA 6020	MMS/6125
1541962169	**CA-33-02**	EPA 3050B	MXX/6844	EPA 6020	MMS/6125
1541962170	**CA-33-04**	EPA 3050B	MXX/6844	EPA 6020	MMS/6125
1541962173	**CA-34-04**	EPA 3050B	MXX/6844	EPA 6020	MMS/6125
1541962174	**CA-34-06**	EPA 3050B	MXX/6844	EPA 6020	MMS/6125
1541962176	**CA-35-02**	EPA 3050B	MXX/6844	EPA 6020	MMS/6125
1541962177	**CA-35-04**	EPA 3050B	MXX/6845	EPA 6020	MMS/6126

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
1541962180	**CA-36-04**	EPA 3050B	MXX/6845	EPA 6020	MMS/6126
1541962181	**CA-36-06**	EPA 3050B	MXX/6845	EPA 6020	MMS/6126
1541962184	**CA-37-04**	EPA 3050B	MXX/6845	EPA 6020	MMS/6126
1541962185	**CA-37-06**	EPA 3050B	MXX/6845	EPA 6020	MMS/6126
1541962188	**CA-38-04**	EPA 3050B	MXX/6845	EPA 6020	MMS/6126
1541962189	**CA-38-06**	EPA 3050B	MXX/6845	EPA 6020	MMS/6126
1541962192	**CA-39-04**	EPA 3050B	MXX/6845	EPA 6020	MMS/6126
1541962193	**CA-39-06**	EPA 3050B	MXX/6845	EPA 6020	MMS/6126
1541962196	**CA-40-04**	EPA 3050B	MXX/6845	EPA 6020	MMS/6126
1541962197	**CA-40-06**	EPA 3050B	MXX/6845	EPA 6020	MMS/6126
1541962200	**CA-41-04**	EPA 3050B	MXX/6845	EPA 6020	MMS/6126
1541962201	**CA-41-06**	EPA 3050B	MXX/6845	EPA 6020	MMS/6126
1541962001	**CA-01-0.5**	EPA 3545	XXX/7818	FL-PRO (GC)	XGCP/3137
1541962002	**CA-01-02**	EPA 3545	XXX/7818	FL-PRO (GC)	XGCP/3137
1541962003	**CA-01-04**	EPA 3545	XXX/7818	FL-PRO (GC)	XGCP/3137
1541962004	**CA-01-06**	EPA 3545	XXX/7818	FL-PRO (GC)	XGCP/3137
1541962005	**CA-01-08**	EPA 3545	XXX/7818	FL-PRO (GC)	XGCP/3137
1541962007	**CA-02-0.5**	EPA 3545	XXX/7818	FL-PRO (GC)	XGCP/3137
1541962008	**CA-02-02**	EPA 3545	XXX/7818	FL-PRO (GC)	XGCP/3137
1541962009	**CA-02-04**	EPA 3545	XXX/7818	FL-PRO (GC)	XGCP/3137
1541962010	**CA-02-06**	EPA 3545	XXX/7818	FL-PRO (GC)	XGCP/3137
1541962011	**CA-02-08**	EPA 3545	XXX/7818	FL-PRO (GC)	XGCP/3137
1541962013	**CA-03-0.5**	EPA 3545	XXX/7818	FL-PRO (GC)	XGCP/3137
1541962014	**CA-03-02**	EPA 3545	XXX/7818	FL-PRO (GC)	XGCP/3137
1541962015	**CA-03-04**	EPA 3545	XXX/7818	FL-PRO (GC)	XGCP/3137
1541962016	**CA-03-06**	EPA 3545	XXX/7818	FL-PRO (GC)	XGCP/3137
1541962017	**CA-03-08**	EPA 3545	XXX/7818	FL-PRO (GC)	XGCP/3137
1541962019	**CA-04-0.5**	EPA 3545	XXX/7818	FL-PRO (GC)	XGCP/3137
1541962020	**CA-04-02**	EPA 3545	XXX/7818	FL-PRO (GC)	XGCP/3137

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Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
1541962021	**CA-04-04**	EPA 3545	XXX/7818	FL-PRO (GC)	XGCP/3137
1541962022	**CA-04-06**	EPA 3545	XXX/7818	FL-PRO (GC)	XGCP/3137
1541962023	**CA-04-08**	EPA 3545	XXX/7818	FL-PRO (GC)	XGCP/3137
1541962024	**CA-05-0.5**	EPA 3545	XXX/7819	FL-PRO (GC)	XGCP/3138
1541962025	**CA-05-02**	EPA 3545	XXX/7819	FL-PRO (GC)	XGCP/3138
1541962026	**CA-05-04**	EPA 3545	XXX/7819	FL-PRO (GC)	XGCP/3138
1541962027	**CA-05-06**	EPA 3545	XXX/7819	FL-PRO (GC)	XGCP/3138
1541962028	**CA-05-08**	EPA 3545	XXX/7819	FL-PRO (GC)	XGCP/3138
1541962030	**CA-06-0.5**	EPA 3545	XXX/7819	FL-PRO (GC)	XGCP/3138
1541962031	**CA-06-02**	EPA 3545	XXX/7819	FL-PRO (GC)	XGCP/3138
1541962032	**CA-06-04**	EPA 3545	XXX/7819	FL-PRO (GC)	XGCP/3138
1541962033	**CA-06-06**	EPA 3545	XXX/7819	FL-PRO (GC)	XGCP/3138
1541962034	**CA-06-08**	EPA 3545	XXX/7819	FL-PRO (GC)	XGCP/3138
1541962036	**CA-07-0.5**	EPA 3545	XXX/7819	FL-PRO (GC)	XGCP/3138
1541962037	**CA-07-02**	EPA 3545	XXX/7819	FL-PRO (GC)	XGCP/3138
1541962038	**CA-07-04**	EPA 3545	XXX/7819	FL-PRO (GC)	XGCP/3138
1541962039	**CA-07-06**	EPA 3545	XXX/7819	FL-PRO (GC)	XGCP/3138
1541962040	**CA-07-08**	EPA 3545	XXX/7819	FL-PRO (GC)	XGCP/3138
1541962042	**CA-08-0.5**	EPA 3545	XXX/7819	FL-PRO (GC)	XGCP/3138
1541962043	**CA-08-02**	EPA 3545	XXX/7819	FL-PRO (GC)	XGCP/3138
1541962044	**CA-08-04**	EPA 3545	XXX/7819	FL-PRO (GC)	XGCP/3138
1541962045	**CA-08-06**	EPA 3545	XXX/7819	FL-PRO (GC)	XGCP/3138
1541962046	**CA-08-08**	EPA 3545	XXX/7819	FL-PRO (GC)	XGCP/3138
1541962048	**CA-09-0.5**	EPA 3545	XXX/7820	FL-PRO (GC)	XGCP/3139
1541962049	**CA-09-02**	EPA 3545	XXX/7820	FL-PRO (GC)	XGCP/3139
1541962050	**CA-09-04**	EPA 3545	XXX/7820	FL-PRO (GC)	XGCP/3139
1541962051	**CA-09-06**	EPA 3545	XXX/7820	FL-PRO (GC)	XGCP/3139
1541962052	**CA-09-08**	EPA 3545	XXX/7820	FL-PRO (GC)	XGCP/3139

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Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
1541962054	**CA-10-0.5**	EPA 3545	XXX/7820	FL-PRO (GC)	XGCP/3139
1541962055	**CA-10-02**	EPA 3545	XXX/7820	FL-PRO (GC)	XGCP/3139
1541962056	**CA-10-04**	EPA 3545	XXX/7820	FL-PRO (GC)	XGCP/3139
1541962057	**CA-10-06**	EPA 3545	XXX/7820	FL-PRO (GC)	XGCP/3139
1541962058	**CA-10-08**	EPA 3545	XXX/7820	FL-PRO (GC)	XGCP/3139
1541962060	**CA-11-0.5**	EPA 3545	XXX/7820	FL-PRO (GC)	XGCP/3139
1541962061	**CA-11-02**	EPA 3545	XXX/7820	FL-PRO (GC)	XGCP/3139
1541962062	**CA-11-04**	EPA 3545	XXX/7820	FL-PRO (GC)	XGCP/3139
1541962063	**CA-11-06**	EPA 3545	XXX/7820	FL-PRO (GC)	XGCP/3139
1541962064	**CA-11-08**	EPA 3545	XXX/7820	FL-PRO (GC)	XGCP/3139
1541962065	**CA-12-0.5**	EPA 3545	XXX/7820	FL-PRO (GC)	XGCP/3139
1541962066	**CA-12-02**	EPA 3545	XXX/7820	FL-PRO (GC)	XGCP/3139
1541962067	**CA-12-04**	EPA 3545	XXX/7820	FL-PRO (GC)	XGCP/3139
1541962068	**CA-12-06**	EPA 3545	XXX/7820	FL-PRO (GC)	XGCP/3139
1541962069	**CA-12-08**	EPA 3545	XXX/7820	FL-PRO (GC)	XGCP/3139
1541962001	**CA-01-0.5**	EPA 3545	XXX/7821	EPA 8310 List by 8270C	XMS/4317
1541962002	**CA-01-02**	EPA 3545	XXX/7821	EPA 8310 List by 8270C	XMS/4317
1541962003	**CA-01-04**	EPA 3545	XXX/7821	EPA 8310 List by 8270C	XMS/4317
1541962004	**CA-01-06**	EPA 3545	XXX/7821	EPA 8310 List by 8270C	XMS/4317
1541962005	**CA-01-08**	EPA 3545	XXX/7821	EPA 8310 List by 8270C	XMS/4317
1541962007	**CA-02-0.5**	EPA 3545	XXX/7821	EPA 8310 List by 8270C	XMS/4317
1541962008	**CA-02-02**	EPA 3545	XXX/7821	EPA 8310 List by 8270C	XMS/4317
1541962009	**CA-02-04**	EPA 3545	XXX/7821	EPA 8310 List by 8270C	XMS/4317
1541962010	**CA-02-06**	EPA 3545	XXX/7821	EPA 8310 List by 8270C	XMS/4317
1541962011	**CA-02-08**	EPA 3545	XXX/7821	EPA 8310 List by 8270C	XMS/4317
1541962013	**CA-03-0.5**	EPA 3545	XXX/7821	EPA 8310 List by 8270C	XMS/4317

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
1541962014	**CA-03-02**	EPA 3545	XXX/7821	EPA 8310 List by 8270C	XMS/4317
1541962015	**CA-03-04**	EPA 3545	XXX/7821	EPA 8310 List by 8270C	XMS/4317
1541962016	**CA-03-06**	EPA 3545	XXX/7821	EPA 8310 List by 8270C	XMS/4317
1541962017	**CA-03-08**	EPA 3545	XXX/7821	EPA 8310 List by 8270C	XMS/4317
1541962019	**CA-04-0.5**	EPA 3545	XXX/7821	EPA 8310 List by 8270C	XMS/4317
1541962020	**CA-04-02**	EPA 3545	XXX/7821	EPA 8310 List by 8270C	XMS/4317
1541962021	**CA-04-04**	EPA 3545	XXX/7821	EPA 8310 List by 8270C	XMS/4317
1541962022	**CA-04-06**	EPA 3545	XXX/7821	EPA 8310 List by 8270C	XMS/4317
1541962023	**CA-04-08**	EPA 3545	XXX/7821	EPA 8310 List by 8270C	XMS/4317
1541962024	**CA-05-0.5**	EPA 3545	XXX/7822	EPA 8310 List by 8270C	XMS/4320
1541962025	**CA-05-02**	EPA 3545	XXX/7822	EPA 8310 List by 8270C	XMS/4320
1541962026	**CA-05-04**	EPA 3545	XXX/7822	EPA 8310 List by 8270C	XMS/4320
1541962027	**CA-05-06**	EPA 3545	XXX/7822	EPA 8310 List by 8270C	XMS/4320
1541962028	**CA-05-08**	EPA 3545	XXX/7822	EPA 8310 List by 8270C	XMS/4320
1541962030	**CA-06-0.5**	EPA 3545	XXX/7822	EPA 8310 List by 8270C	XMS/4320
1541962031	**CA-06-02**	EPA 3545	XXX/7822	EPA 8310 List by 8270C	XMS/4320
1541962032	**CA-06-04**	EPA 3545	XXX/7822	EPA 8310 List by 8270C	XMS/4320
1541962033	**CA-06-06**	EPA 3545	XXX/7822	EPA 8310 List by 8270C	XMS/4320
1541962034	**CA-06-08**	EPA 3545	XXX/7822	EPA 8310 List by 8270C	XMS/4320
1541962036	**CA-07-0.5**	EPA 3545	XXX/7822	EPA 8310 List by 8270C	XMS/4320
1541962037	**CA-07-02**	EPA 3545	XXX/7822	EPA 8310 List by 8270C	XMS/4320
1541962038	**CA-07-04**	EPA 3545	XXX/7822	EPA 8310 List by 8270C	XMS/4320
1541962039	**CA-07-06**	EPA 3545	XXX/7822	EPA 8310 List by 8270C	XMS/4320
1541962040	**CA-07-08**	EPA 3545	XXX/7822	EPA 8310 List by 8270C	XMS/4320

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
1541962042	**CA-08-0.5**	EPA 3545	XXX/7822	EPA 8310 List by 8270C	XMS/4320
1541962043	**CA-08-02**	EPA 3545	XXX/7822	EPA 8310 List by 8270C	XMS/4320
1541962044	**CA-08-04**	EPA 3545	XXX/7822	EPA 8310 List by 8270C	XMS/4320
1541962045	**CA-08-06**	EPA 3545	XXX/7822	EPA 8310 List by 8270C	XMS/4320
1541962046	**CA-08-08**	EPA 3545	XXX/7822	EPA 8310 List by 8270C	XMS/4320
1541962048	**CA-09-0.5**	EPA 3545	XXX/7823	EPA 8310 List by 8270C	XMS/4321
1541962049	**CA-09-02**	EPA 3545	XXX/7823	EPA 8310 List by 8270C	XMS/4321
1541962050	**CA-09-04**	EPA 3545	XXX/7823	EPA 8310 List by 8270C	XMS/4321
1541962051	**CA-09-06**	EPA 3545	XXX/7823	EPA 8310 List by 8270C	XMS/4321
1541962052	**CA-09-08**	EPA 3545	XXX/7823	EPA 8310 List by 8270C	XMS/4321
1541962054	**CA-10-0.5**	EPA 3545	XXX/7823	EPA 8310 List by 8270C	XMS/4321
1541962055	**CA-10-02**	EPA 3545	XXX/7823	EPA 8310 List by 8270C	XMS/4321
1541962056	**CA-10-04**	EPA 3545	XXX/7823	EPA 8310 List by 8270C	XMS/4321
1541962057	**CA-10-06**	EPA 3545	XXX/7823	EPA 8310 List by 8270C	XMS/4321
1541962058	**CA-10-08**	EPA 3545	XXX/7823	EPA 8310 List by 8270C	XMS/4321
1541962060	**CA-11-0.5**	EPA 3545	XXX/7823	EPA 8310 List by 8270C	XMS/4321
1541962061	**CA-11-02**	EPA 3545	XXX/7823	EPA 8310 List by 8270C	XMS/4321
1541962062	**CA-11-04**	EPA 3545	XXX/7823	EPA 8310 List by 8270C	XMS/4321
1541962063	**CA-11-06**	EPA 3545	XXX/7823	EPA 8310 List by 8270C	XMS/4321
1541962064	**CA-11-08**	EPA 3545	XXX/7823	EPA 8310 List by 8270C	XMS/4321
1541962065	**CA-12-0.5**	EPA 3545	XXX/7823	EPA 8310 List by 8270C	XMS/4321
1541962066	**CA-12-02**	EPA 3545	XXX/7823	EPA 8310 List by 8270C	XMS/4321
1541962067	**CA-12-04**	EPA 3545	XXX/7823	EPA 8310 List by 8270C	XMS/4321
1541962068	**CA-12-06**	EPA 3545	XXX/7823	EPA 8310 List by 8270C	XMS/4321

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
1541962069	**CA-12-08**	EPA 3545	XXX/7823	EPA 8310 List by 8270C	XMS/4321
1541962071	**CA-13-0.5**	EPA 3545	XXX/7825	FL-PRO (GC)	XGCP/3140
1541962072	**CA-13-02**	EPA 3545	XXX/7825	FL-PRO (GC)	XGCP/3140
1541962073	**CA-13-04**	EPA 3545	XXX/7825	FL-PRO (GC)	XGCP/3140
1541962074	**CA-13-06**	EPA 3545	XXX/7825	FL-PRO (GC)	XGCP/3140
1541962075	**CA-13-08**	EPA 3545	XXX/7825	FL-PRO (GC)	XGCP/3140
1541962077	**CA-14-0.5**	EPA 3545	XXX/7825	FL-PRO (GC)	XGCP/3140
1541962078	**CA-14-02**	EPA 3545	XXX/7825	FL-PRO (GC)	XGCP/3140
1541962079	**CA-14-04**	EPA 3545	XXX/7825	FL-PRO (GC)	XGCP/3140
1541962080	**CA-14-06**	EPA 3545	XXX/7825	FL-PRO (GC)	XGCP/3140
1541962081	**CA-14-08**	EPA 3545	XXX/7825	FL-PRO (GC)	XGCP/3140
1541962083	**CA-15-0.5**	EPA 3545	XXX/7825	FL-PRO (GC)	XGCP/3140
1541962084	**CA-15-02**	EPA 3545	XXX/7825	FL-PRO (GC)	XGCP/3140
1541962085	**CA-15-04**	EPA 3545	XXX/7825	FL-PRO (GC)	XGCP/3140
1541962086	**CA-15-06**	EPA 3545	XXX/7825	FL-PRO (GC)	XGCP/3140
1541962087	**CA-15-08**	EPA 3545	XXX/7825	FL-PRO (GC)	XGCP/3140
1541962071	**CA-13-0.5**	EPA 3545	XXX/7826	EPA 8310 List by 8270C	XMS/4322
1541962072	**CA-13-02**	EPA 3545	XXX/7826	EPA 8310 List by 8270C	XMS/4322
1541962073	**CA-13-04**	EPA 3545	XXX/7826	EPA 8310 List by 8270C	XMS/4322
1541962074	**CA-13-06**	EPA 3545	XXX/7826	EPA 8310 List by 8270C	XMS/4322
1541962075	**CA-13-08**	EPA 3545	XXX/7826	EPA 8310 List by 8270C	XMS/4322
1541962077	**CA-14-0.5**	EPA 3545	XXX/7826	EPA 8310 List by 8270C	XMS/4322
1541962078	**CA-14-02**	EPA 3545	XXX/7826	EPA 8310 List by 8270C	XMS/4322
1541962079	**CA-14-04**	EPA 3545	XXX/7826	EPA 8310 List by 8270C	XMS/4322
1541962080	**CA-14-06**	EPA 3545	XXX/7826	EPA 8310 List by 8270C	XMS/4322
1541962081	**CA-14-08**	EPA 3545	XXX/7826	EPA 8310 List by 8270C	XMS/4322

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
1541962083	**CA-15-0.5**	EPA 3545	XXX/7826	EPA 8310 List by 8270C	XMS/4322
1541962084	**CA-15-02**	EPA 3545	XXX/7826	EPA 8310 List by 8270C	XMS/4322
1541962085	**CA-15-04**	EPA 3545	XXX/7826	EPA 8310 List by 8270C	XMS/4322
1541962086	**CA-15-06**	EPA 3545	XXX/7826	EPA 8310 List by 8270C	XMS/4322
1541962087	**CA-15-08**	EPA 3545	XXX/7826	EPA 8310 List by 8270C	XMS/4322
1541962118	**CA-21-0.5**	EPA 3545	XXX/7826	EPA 8310 List by 8270C	XMS/4322
1541962119	**CA-21-02**	EPA 3545	XXX/7826	EPA 8310 List by 8270C	XMS/4322
1541962120	**CA-21-04**	EPA 3545	XXX/7826	EPA 8310 List by 8270C	XMS/4322
1541962121	**CA-21-06**	EPA 3545	XXX/7826	EPA 8310 List by 8270C	XMS/4322
1541962124	**CA-22-0.5**	EPA 3545	XXX/7826	EPA 8310 List by 8270C	XMS/4322
1541962125	**CA-22-02**	EPA 3545	XXX/7827	EPA 8310 List by 8270C	XMS/4318
1541962126	**CA-22-04**	EPA 3545	XXX/7827	EPA 8310 List by 8270C	XMS/4318
1541962127	**CA-22-06**	EPA 3545	XXX/7827	EPA 8310 List by 8270C	XMS/4318
1541962128	**CA-22-08**	EPA 3545	XXX/7827	EPA 8310 List by 8270C	XMS/4318
1541962129	**CA-23-0.5**	EPA 3545	XXX/7827	EPA 8310 List by 8270C	XMS/4318
1541962130	**CA-23-02**	EPA 3545	XXX/7827	EPA 8310 List by 8270C	XMS/4318
1541962131	**CA-23-04**	EPA 3545	XXX/7827	EPA 8310 List by 8270C	XMS/4318
1541962132	**CA-23-06**	EPA 3545	XXX/7827	EPA 8310 List by 8270C	XMS/4318
1541962133	**CA-23-08**	EPA 3545	XXX/7827	EPA 8310 List by 8270C	XMS/4318
1541962134	**CA-24-0.5**	EPA 3545	XXX/7827	EPA 8310 List by 8270C	XMS/4318
1541962135	**CA-24-02**	EPA 3545	XXX/7827	EPA 8310 List by 8270C	XMS/4318
1541962071	**CA-13-0.5**	EPA 3050B	MXX/6849	EPA 6020	MMS/6130
1541962136	**CA-24-04**	EPA 3050B	MXX/6849	EPA 6020	MMS/6130

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
1541962137	**CA-24-06**	EPA 3050B	MXX/6849	EPA 6020	MMS/6130
1541962138	**CA-24-08**	EPA 3050B	MXX/6849	EPA 6020	MMS/6130
1541962001	**CA-01-0.5**	SM 2540G	WGR/2433		
1541962002	**CA-01-02**	SM 2540G	WGR/2433		
1541962003	**CA-01-04**	SM 2540G	WGR/2433		
1541962004	**CA-01-06**	SM 2540G	WGR/2433		
1541962005	**CA-01-08**	SM 2540G	WGR/2433		
1541962007	**CA-02-0.5**	SM 2540G	WGR/2433		
1541962008	**CA-02-02**	SM 2540G	WGR/2433		
1541962009	**CA-02-04**	SM 2540G	WGR/2433		
1541962010	**CA-02-06**	SM 2540G	WGR/2433		
1541962011	**CA-02-08**	SM 2540G	WGR/2433		
1541962013	**CA-03-0.5**	SM 2540G	WGR/2433		
1541962014	**CA-03-02**	SM 2540G	WGR/2433		
1541962015	**CA-03-04**	SM 2540G	WGR/2433		
1541962016	**CA-03-06**	SM 2540G	WGR/2433		
1541962017	**CA-03-08**	SM 2540G	WGR/2433		
1541962019	**CA-04-0.5**	SM 2540G	WGR/2433		
1541962020	**CA-04-02**	SM 2540G	WGR/2433		
1541962021	**CA-04-04**	SM 2540G	WGR/2433		
1541962022	**CA-04-06**	SM 2540G	WGR/2433		
1541962023	**CA-04-08**	SM 2540G	WGR/2433		
1541962024	**CA-05-0.5**	SM 2540G	WGR/2434		
1541962025	**CA-05-02**	SM 2540G	WGR/2434		
1541962026	**CA-05-04**	SM 2540G	WGR/2434		
1541962027	**CA-05-06**	SM 2540G	WGR/2434		
1541962029	**CA-05-10**	SM 2540G	WGR/2434		
1541962030	**CA-06-0.5**	SM 2540G	WGR/2434		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
1541962031	**CA-06-02**	SM 2540G	WGR/2434		
1541962032	**CA-06-04**	SM 2540G	WGR/2434		
1541962033	**CA-06-06**	SM 2540G	WGR/2434		
1541962034	**CA-06-08**	SM 2540G	WGR/2434		
1541962036	**CA-07-0.5**	SM 2540G	WGR/2434		
1541962037	**CA-07-02**	SM 2540G	WGR/2434		
1541962038	**CA-07-04**	SM 2540G	WGR/2434		
1541962039	**CA-07-06**	SM 2540G	WGR/2434		
1541962040	**CA-07-08**	SM 2540G	WGR/2434		
1541962042	**CA-08-0.5**	SM 2540G	WGR/2434		
1541962043	**CA-08-02**	SM 2540G	WGR/2434		
1541962044	**CA-08-04**	SM 2540G	WGR/2434		
1541962045	**CA-08-06**	SM 2540G	WGR/2434		
1541962046	**CA-08-08**	SM 2540G	WGR/2434		
1541962048	**CA-09-0.5**	SM 2540G	WGR/2435		
1541962049	**CA-09-02**	SM 2540G	WGR/2435		
1541962050	**CA-09-04**	SM 2540G	WGR/2435		
1541962051	**CA-09-06**	SM 2540G	WGR/2435		
1541962052	**CA-09-08**	SM 2540G	WGR/2435		
1541962054	**CA-10-0.5**	SM 2540G	WGR/2435		
1541962055	**CA-10-02**	SM 2540G	WGR/2435		
1541962056	**CA-10-04**	SM 2540G	WGR/2435		
1541962057	**CA-10-06**	SM 2540G	WGR/2435		
1541962058	**CA-10-08**	SM 2540G	WGR/2435		
1541962060	**CA-11-0.5**	SM 2540G	WGR/2435		
1541962061	**CA-11-02**	SM 2540G	WGR/2435		
1541962062	**CA-11-04**	SM 2540G	WGR/2435		
1541962063	**CA-11-06**	SM 2540G	WGR/2435		
1541962064	**CA-11-08**	SM 2540G	WGR/2435		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
1541962065	**CA-12-0.5**	SM 2540G	WGR/2435		
1541962066	**CA-12-02**	SM 2540G	WGR/2435		
1541962067	**CA-12-04**	SM 2540G	WGR/2435		
1541962068	**CA-12-06**	SM 2540G	WGR/2435		
1541962069	**CA-12-08**	SM 2540G	WGR/2435		
1541962072	**CA-13-02**	SM 2540G	WGR/2437		
1541962073	**CA-13-04**	SM 2540G	WGR/2437		
1541962074	**CA-13-06**	SM 2540G	WGR/2437		
1541962075	**CA-13-08**	SM 2540G	WGR/2437		
1541962077	**CA-14-0.5**	SM 2540G	WGR/2437		
1541962078	**CA-14-02**	SM 2540G	WGR/2437		
1541962079	**CA-14-04**	SM 2540G	WGR/2437		
1541962080	**CA-14-06**	SM 2540G	WGR/2437		
1541962081	**CA-14-08**	SM 2540G	WGR/2437		
1541962082	**CA-14-10**	SM 2540G	WGR/2437		
1541962083	**CA-15-0.5**	SM 2540G	WGR/2437		
1541962084	**CA-15-02**	SM 2540G	WGR/2437		
1541962085	**CA-15-04**	SM 2540G	WGR/2437		
1541962086	**CA-15-06**	SM 2540G	WGR/2437		
1541962087	**CA-15-08**	SM 2540G	WGR/2437		
1541962088	**CA-16-0.5**	SM 2540G	WGR/2437		
1541962089	**CA-16-02**	SM 2540G	WGR/2437		
1541962090	**CA-16-04**	SM 2540G	WGR/2437		
1541962091	**CA-16-06**	SM 2540G	WGR/2437		
1541962092	**CA-16-08**	SM 2540G	WGR/2437		
1541962093	**CA-16-10**	SM 2540G	WGR/2438		
1541962094	**CA-17-0.5**	SM 2540G	WGR/2438		
1541962095	**CA-17-02**	SM 2540G	WGR/2438		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
1541962096	**CA-17-04**	SM 2540G	WGR/2438		
1541962097	**CA-17-06**	SM 2540G	WGR/2438		
1541962098	**CA-17-08**	SM 2540G	WGR/2438		
1541962099	**CA-17-10**	SM 2540G	WGR/2438		
1541962100	**CA-18-0.5**	SM 2540G	WGR/2438		
1541962101	**CA-18-02**	SM 2540G	WGR/2438		
1541962102	**CA-18-04**	SM 2540G	WGR/2438		
1541962103	**CA-18-06**	SM 2540G	WGR/2438		
1541962104	**CA-18-08**	SM 2540G	WGR/2438		
1541962105	**CA-18-10**	SM 2540G	WGR/2438		
1541962106	**CA-19-0.5**	SM 2540G	WGR/2438		
1541962107	**CA-19-02**	SM 2540G	WGR/2438		
1541962108	**CA-19-04**	SM 2540G	WGR/2438		
1541962109	**CA-19-06**	SM 2540G	WGR/2438		
1541962110	**CA-19-08**	SM 2540G	WGR/2438		
1541962111	**CA-19-10**	SM 2540G	WGR/2438		
1541962112	**CA-20-0.5**	SM 2540G	WGR/2438		
1541962113	**CA-20-02**	SM 2540G	WGR/2439		
1541962114	**CA-20-04**	SM 2540G	WGR/2439		
1541962115	**CA-20-06**	SM 2540G	WGR/2439		
1541962116	**CA-20-08**	SM 2540G	WGR/2439		
1541962117	**CA-20-10**	SM 2540G	WGR/2439		
1541962118	**CA-21-0.5**	SM 2540G	WGR/2439		
1541962119	**CA-21-02**	SM 2540G	WGR/2439		
1541962120	**CA-21-04**	SM 2540G	WGR/2439		
1541962121	**CA-21-06**	SM 2540G	WGR/2439		
1541962122	**CA-21-08**	SM 2540G	WGR/2439		
1541962123	**CA-21-10**	SM 2540G	WGR/2439		
1541962124	**CA-22-0.5**	SM 2540G	WGR/2439		

FDOH# E86546

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Fax: (561)575-4118

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
1541962125	**CA-22-02**	SM 2540G	WGR/2439		
1541962126	**CA-22-04**	SM 2540G	WGR/2439		
1541962127	**CA-22-06**	SM 2540G	WGR/2439		
1541962128	**CA-22-08**	SM 2540G	WGR/2439		
1541962144	**CA-26-02**	SM 2540G	WGR/2440		
1541962145	**CA-26-04**	SM 2540G	WGR/2440		
1541962146	**CA-26-06**	SM 2540G	WGR/2440		
1541962147	**CA-27-0.5**	SM 2540G	WGR/2440		
1541962148	**CA-27-02**	SM 2540G	WGR/2440		
1541962149	**CA-27-04**	SM 2540G	WGR/2440		
1541962150	**CA-27-05**	SM 2540G	WGR/2440		
1541962151	**CA-28-0.5**	SM 2540G	WGR/2440		
1541962152	**CA-28-02**	SM 2540G	WGR/2440		
1541962153	**CA-28-04**	SM 2540G	WGR/2441		
1541962154	**CA-28-05**	SM 2540G	WGR/2441		
1541962155	**CA-29-0.5**	SM 2540G	WGR/2441		
1541962156	**CA-29-02**	SM 2540G	WGR/2441		
1541962157	**CA-29-04**	SM 2540G	WGR/2441		
1541962158	**CA-29-05**	SM 2540G	WGR/2441		
1541962159	**CA-30-0.5**	SM 2540G	WGR/2441		
1541962160	**CA-30-02**	SM 2540G	WGR/2441		
1541962161	**CA-30-04**	SM 2540G	WGR/2441		
1541962162	**CA-31-0.5**	SM 2540G	WGR/2441		
1541962163	**CA-31-02**	SM 2540G	WGR/2441		
1541962164	**CA-31-04**	SM 2540G	WGR/2441		
1541962165	**CA-32-0.5**	SM 2540G	WGR/2441		
1541962166	**CA-32-02**	SM 2540G	WGR/2441		
1541962167	**CA-32-04**	SM 2540G	WGR/2441		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
1541962168	**CA-33-0.5**	SM 2540G	WGR/2441		
1541962169	**CA-33-02**	SM 2540G	WGR/2441		
1541962170	**CA-33-04**	SM 2540G	WGR/2441		
1541962171	**CA-34-0.5**	SM 2540G	WGR/2441		
1541962172	**CA-34-02**	SM 2540G	WGR/2441		
1541962173	**CA-34-04**	SM 2540G	WGR/2442		
1541962174	**CA-34-06**	SM 2540G	WGR/2442		
1541962175	**CA-35-0.5**	SM 2540G	WGR/2442		
1541962176	**CA-35-02**	SM 2540G	WGR/2442		
1541962177	**CA-35-04**	SM 2540G	WGR/2442		
1541962178	**CA-36-0.5**	SM 2540G	WGR/2442		
1541962179	**CA-36-02**	SM 2540G	WGR/2442		
1541962180	**CA-36-04**	SM 2540G	WGR/2442		
1541962181	**CA-36-06**	SM 2540G	WGR/2442		
1541962182	**CA-37-0.5**	SM 2540G	WGR/2442		
1541962183	**CA-37-02**	SM 2540G	WGR/2442		
1541962184	**CA-37-04**	SM 2540G	WGR/2442		
1541962185	**CA-37-06**	SM 2540G	WGR/2442		
1541962186	**CA-38-0.5**	SM 2540G	WGR/2442		
1541962187	**CA-38-02**	SM 2540G	WGR/2442		
1541962188	**CA-38-04**	SM 2540G	WGR/2442		
1541962189	**CA-38-06**	SM 2540G	WGR/2442		
1541962190	**CA-39-0.5**	SM 2540G	WGR/2442		
1541962191	**CA-39-02**	SM 2540G	WGR/2442		
1541962192	**CA-39-04**	SM 2540G	WGR/2442		
1541962193	**CA-39-06**	SM 2540G	WGR/2444		
1541962194	**CA-40-0.5**	SM 2540G	WGR/2444		
1541962195	**CA-40-02**	SM 2540G	WGR/2444		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
1541962196	**CA-40-04**	SM 2540G	WGR/2444		
1541962197	**CA-40-06**	SM 2540G	WGR/2444		
1541962198	**CA-41-0.5**	SM 2540G	WGR/2444		
1541962199	**CA-41-02**	SM 2540G	WGR/2444		
1541962200	**CA-41-04**	SM 2540G	WGR/2444		
1541962201	**CA-41-06**	SM 2540G	WGR/2444		
1541962202	**CA-22-10**	SM 2540G	WGR/2444		
1541962203	**CA-23-10**	SM 2540G	WGR/2444		
1541962204	**CA-24-10**	SM 2540G	WGR/2444		
1541962071	**CA-13-0.5**	SM 2540G	WGR/2451		
1541962129	**CA-23-0.5**	SM 2540G	WGR/2451		
1541962130	**CA-23-02**	SM 2540G	WGR/2451		
1541962131	**CA-23-04**	SM 2540G	WGR/2451		
1541962132	**CA-23-06**	SM 2540G	WGR/2451		
1541962133	**CA-23-08**	SM 2540G	WGR/2451		
1541962134	**CA-24-0.5**	SM 2540G	WGR/2451		
1541962135	**CA-24-02**	SM 2540G	WGR/2451		
1541962136	**CA-24-04**	SM 2540G	WGR/2451		
1541962137	**CA-24-06**	SM 2540G	WGR/2451		
1541962138	**CA-24-08**	SM 2540G	WGR/2451		
1541962139	**CA-25-0.5**	SM 2540G	WGR/2451		
1541962140	**CA-25-02**	SM 2540G	WGR/2451		
1541962141	**CA-25-04**	SM 2540G	WGR/2451		
1541962142	**CA-25-06**	SM 2540G	WGR/2451		
1541962143	**CA-26-0.5**	SM 2540G	WGR/2451		
1541962028	**CA-05-08**	SM 2540G	WGR/2454		
1541962012	**CA-02-10**	EPA 3545	XXX/7845	FL-PRO (GC)	XGCP/3146

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
1541962041	**CA-07-10**	EPA 3545	XXX/7845	FL-PRO (GC)	XGCP/3146
1541962047	**CA-08-10**	EPA 3545	XXX/7845	FL-PRO (GC)	XGCP/3146
1541962006	**CA-01-10**	EPA 3545	XXX/7848	EPA 8310 List by 8270C	XMS/4333
1541962012	**CA-02-10**	EPA 3545	XXX/7848	EPA 8310 List by 8270C	XMS/4333
1541962018	**CA-03-10**	EPA 3545	XXX/7848	EPA 8310 List by 8270C	XMS/4333
1541962041	**CA-07-10**	EPA 3545	XXX/7848	EPA 8310 List by 8270C	XMS/4333
1541962047	**CA-08-10**	EPA 3545	XXX/7848	EPA 8310 List by 8270C	XMS/4333
1541962053	**CA-09-10**	EPA 3545	XXX/7848	EPA 8310 List by 8270C	XMS/4333
1541962059	**CA-10-10**	EPA 3545	XXX/7848	EPA 8310 List by 8270C	XMS/4333
1541962070	**CA-12-10**	EPA 3545	XXX/7848	EPA 8310 List by 8270C	XMS/4333
1541962076	**CA-13-10**	EPA 3545	XXX/7848	EPA 8310 List by 8270C	XMS/4333
1541962082	**CA-14-10**	EPA 3545	XXX/7848	EPA 8310 List by 8270C	XMS/4333
1541962122	**CA-21-08**	EPA 3545	XXX/7848	EPA 8310 List by 8270C	XMS/4333
1541962123	**CA-21-10**	EPA 3545	XXX/7848	EPA 8310 List by 8270C	XMS/4333
1541962136	**CA-24-04**	EPA 3545	XXX/7848	EPA 8310 List by 8270C	XMS/4333
1541962137	**CA-24-06**	EPA 3545	XXX/7848	EPA 8310 List by 8270C	XMS/4333
1541962138	**CA-24-08**	EPA 3545	XXX/7848	EPA 8310 List by 8270C	XMS/4333
1541962006	**CA-01-10**	SM 2540G	WGR/2456		
1541962012	**CA-02-10**	SM 2540G	WGR/2456		
1541962018	**CA-03-10**	SM 2540G	WGR/2456		
1541962041	**CA-07-10**	SM 2540G	WGR/2456		
1541962047	**CA-08-10**	SM 2540G	WGR/2456		
1541962053	**CA-09-10**	SM 2540G	WGR/2456		
1541962059	**CA-10-10**	SM 2540G	WGR/2456		
1541962070	**CA-12-10**	SM 2540G	WGR/2456		

FDOH# E86546

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: 1541962

Project ID: Former FPL-Cutler Plant

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
1541962006	**CA-01-10**	EPA 3050B	MXX/6873	EPA 6020	MMS/6152
1541962018	**CA-03-10**	EPA 3050B	MXX/6873	EPA 6020	MMS/6152
1541962029	**CA-05-10**	EPA 3050B	MXX/6873	EPA 6020	MMS/6152
1541962035	**CA-06-10**	EPA 3050B	MXX/6873	EPA 6020	MMS/6152
1541962041	**CA-07-10**	EPA 3050B	MXX/6873	EPA 6020	MMS/6152
1541962053	**CA-09-10**	EPA 3050B	MXX/6873	EPA 6020	MMS/6152
1541962059	**CA-10-10**	EPA 3050B	MXX/6873	EPA 6020	MMS/6152
1541962070	**CA-12-10**	EPA 3050B	MXX/6873	EPA 6020	MMS/6152
1541962076	**CA-13-10**	EPA 3050B	MXX/6873	EPA 6020	MMS/6152
1541962082	**CA-14-10**	EPA 3050B	MXX/6873	EPA 6020	MMS/6152
1541962035	**CA-06-10**	SM 2540G	WGR/2458		
1541962076	**CA-13-10**	SM 2540G	WGR/2458		
1541962047	**CA-08-10**	EPA 3050B	MXX/6897	EPA 6020	MMS/6175
1541962122	**CA-21-08**	EPA 3050B	MXX/6897	EPA 6020	MMS/6175

FDOH# E86546

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J.E.L. Log # 1541962
P.O. # _____
Quote # _____

Company Name: TCG
Address: on File
City: State: Zip:
Sampling Site Address: ~~14P2~~ ~~12742~~ 14927 SW 67th Ave Miami, FL
Attn: Pete LaForge Email: onFile
Project Name: Former FPL - CUTIER PLANT Project #:
Sampler Name/Signature:

Requested Turnaround Time
Note: Rush requests subject to acceptance by the laboratory
X Standard
___ Expedited
Due___/___/___

LAB ANALYSIS

#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code*	# of Cont	PAHs	TRPH	V, As, Sb, Ni									Field Filtered (Y/N)	Comments
1	CA-01-0.5	5/27/15	11:53	S	1	X	X	X										
2	" " -02		11:55															
3	" " -04		11:57															
4	" " -06		11:59															
5	" " -08		12:01															
6	" " -10		12:03						Hold CA-01-10 all parameters									
7																		
8																		
9																		
0																		

Matrix Codes*
S Soil/Solid Sediment; SW Surface Water; GW Ground Water; SL Sludge; WW Waste Water; O Other (Please Specify); DW Drinking Water

Pres Codes
A- none; I- Ice; B- HNO_3; O- Other; C- H_2SO_4; M- MeOH; D- NaOH; N- $Na_2S_2O_3$; E- HCl; Z- ZnAc

Relinquished by	Date	Time	Received by	Date	Time
	5/29/15	1600		5/29/15	1600
	5/29/15	1720		5/29/15	1720

QA/QC level with report
None ___1___2___3___ See price guide for applicable fees

FDEP Dry Cleaning ☐ FDEP UST Pre-Approval ☐
SFWMD ☐ ADaPT ☐ DOT ☐

Temp Control: 3.8 °C

541962

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CA -02

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J.E.L. Log # 1541962
P.O. # _____
Quote # _____

Company Name
Address
City State Zip
Sampling Site Address
Attn: Email
Project Name Project #
Sampler Name/Signature

SEE Sheet 1

Requested Turnaround Time
Note: Rush requests subject to acceptance by the laboratory
___ Standard
___ Expedited
Due___/___/___

LAB ANALYSIS

#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code*	# of Cont	Pres Codes	PAHs	TRPH	V, As, Sb, Ni									Field Filtered (Y/N)	Comments
1	CA-02-0.5	5/27/15	11:47	S	1		X	X	X										
2	" " -02		11:48																
3	" " -04		11:49																
4	" " -06		11:50																
5	" " -08		11:51																
6	" " -10		11:52				Hold CA-02-10 all parameters												
7																			
8																			
9																			
0																			

Matrix Codes*				Pres Codes				Relinquished by	Date	Time	Received by	Date	Time
S	Soil/Solid Sediment	SW	Surface Water	A- none	I- Ice								
GW	Ground Water	SL	Sludge	B- HNO_3	O- Other				5/29/15	1600		5/29/15	1600
WW	Waste Water	O	Other (Please Specify)	C- H_2SO_4	M- MeOH								
DW	Drinking Water			D- NaOH	N- $Na_2S_2O_3$				5/29/15	1720		5/29/15	1720
				E- HCl	Z- ZnAc								

QA/QC level with report
None ___1___2___3___ See price guide for applicable fees

FDEP Dry Cleaning ☐ FDEP UST Pre-Approval ☐
SFWMD ☐ ADaPT ☐ DOT ☐

Temp Control: 3.8 °C

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CA-03

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J.E.L. Log # 541962
P.O. # _____
Quote # _____

Company Name: See Sheet
Address:
City: State: Zip:
Sampling Site Address:
Attn: Email:
Project Name: Project #:
Sampler Name/Signature:

LAB ANALYSIS

Requested Turnaround Time
Note: Rush requests subject to acceptance by the laboratory
___ Standard
___ Expedited
Due___/___/___

#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code*	# of Cont	Pres Codes	PAHs	TRPH	As, V, Sb, Ni									Field Filtered (Y/N)	Comments
13 1	CA-03-0.5	5/27/15	11:36	S	1		X	X	X										
14 2	" " -02		11:38																
15 3	" " -04		11:40																
16 4	" " -06		11:42																
17 5	" " -08		11:44																
18 6	" " -10		11:46							Hold	CA-03-10	all parameters							
7																			
8																			
9																			
0																			

Matrix Codes*
S Soil/Solid Sediment; SW Surface Water; GW Ground Water; SL Sludge; WW Waste Water; O Other (Please Specify); DW Drinking Water

Pres Codes
A- none; I- Ice; B- HNO_3; O- Other; C- H_2SO_4; M- MeOH; D- NaOH; N- $Na_2S_2O_3$; E- HCl; Z- ZnAc

Relinquished by	Date	Time	Received by	Date	Time
	5/29/15	1600		5/29/15	1600
	5/29/15	1720		5/29/15	1720

QA/QC level with report
None ___1___2___3___ See price guide for applicable fees

FDEP Dry Cleaning ☐ FDEP UST Pre-Approval ☐
SFWMD ☐ ADaPT ☐ DOT ☐

Temp Control: 3.8 °C

541962

CA - 04

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J.E.L. Log # 1541962
P.O. # _____
Quote # _____

Company Name
Address
City State Zip
Sampling Site Address
Attn: Email
Project Name Project #
Sampler Name/Signature

See Sheet 1

LAB ANALYSIS

Requested Turnaround Time
Note: Rush requests subject to acceptance by the laboratory
___ Standard
___ Expedited
Due___/___/___

#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code*	# of Cont	Pres Codes	PAHs	TRPH	As, V, Se, Zn									Field Filtered (Y/N)	Comments
19 1	CA-04-0.5	5/27/15	11:24	S	1		X	X	X										
20 2	CA-04-02	↓	11:26	↓	↓		↓	↓	↓										
21 3	" " -04		11:28																
22 4	" " -06		11:30																
23 5	" " -08		11:32																
6																			
7																			
8																			
9																			
0																			

Matrix Codes*
S Soil/Solid Sediment; SW Surface Water; GW Ground Water; SL Sludge; WW Waste Water; O Other (Please Specify); DW Drinking Water

Pres Codes
A- none; I- Ice; B- HNO_3; O- Other; C- H_2SO_4; M- MeOH; D- NaOH; N- $Na_2S_2O_3$; E- HCl; Z- ZnAc

Relinquished by	Date	Time	Received by	Date	Time
[signature]	5/29/15	1600	[signature]	5/29/16	1600
[signature]	5/29/15	1720	[signature]	5/29/15	1720

QA/QC level with report
None ___1___2___3___ See price guide for applicable fees

FDEP Dry Cleaning ☐ FDEP UST Pre-Approval ☐
SFWMD ☐ ADaPT ☐ DOT ☐

Temp Control: 3.8 °C

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J.E.L. Log # 1541962
P.O. # _____
Quote # _____

Company Name: See Sheet
Address:
City: State: Zip:
Sampling Site Address:
Attn: Email:
Project Name: Project #:
Sampler Name/Signature:

Requested Turnaround Time
Note: Rush requests subject to acceptance by the laboratory
___ Standard
___ Expedited
Due___/___/___

LAB ANALYSIS

	#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code*	# of Cont	Pres Codes	PAH	TPH	As, V, Sb, Ni								Field Filtered (Y/N)	Comments
24	1	CA-05-0.5	5/27/15	13:56	S	1		X	X	X									
25	2	" " -02		13:58															
26	3	" " -04		14:00															
27	4	" " -06		14:02															
28	5	" " -08		14:04															
29	6	" " -10		14:06															
	7																		
	8																		
	9																		
	0																		

Parameters

Comments: Hold CA-05-10 for all parameters

Matrix Codes*				Pres Codes			
S	Soil/Solid Sediment	SW	Surface Water	A- none	I- Ice		
GW	Ground Water	SL	Sludge	B- HNO_3	O- Other		
WW	Waste Water	O	Other (Please Specify)	C- H_2SO_4	M- MeOH		
DW	Drinking Water			D- NaOH	N- $Na_2S_2O_3$		
				E- HCl	Z- ZnAc		

Relinquished by	Date	Time	Received by	Date	Time
	5/29/15	1600		5/29/15	1600
	5/29/15	1720		5/29/15	1720

QA/QC level with report
None ___1___2___3___ See price guide for applicable fees

FDEP Dry Cleaning ☐ FDEP UST Pre-Approval ☐
SFWMD ☐ ADaPT ☐ DOT ☐

Temp Control: 3.8 °C

541962

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J.E.L. Log # 1541962
P.O. # _____
Quote # _____

Company Name
Address
City State Zip
Sampling Site Address
Attn: Email
Project Name Project #
Sampler Name/Signature

See Sheet 1

Requested Turnaround Time
Note: Rush requests subject to acceptance by the laboratory
___ Standard
___ Expedited
Due___/___/___

LAB ANALYSIS

Pres Codes | Parameters: PAHs, TRPH, As, V, Sb, Ni | Field Filtered (Y/N)

	#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code*	# of Cont	PAHs	TRPH	As, V, Sb, Ni	Comments
30	1	CA-06-0.5	5/27/15	13:34	S	1	X	X	X	
31	2	" " -02		13:36						
32	3	" " -04		13:38						
33	4	" " -06		13:40						
34	5	" " -08		13:42						
35	6	" " -10		13:44						Hold CA-06-10 All Parameters
	7									
	8									
	9									
	0									

Matrix Codes*
S Soil/Solid Sediment; SW Surface Water; GW Ground Water; SL Sludge; WW Waste Water; O Other (Please Specify); DW Drinking Water

Pres Codes
A- none; I- Ice; B- HNO_3; O- Other; C- H_2SO_4; M- MeOH; D- NaOH; N- $Na_2S_2O_3$; E- HCl; Z- $ZnAc$

Relinquished by	Date	Time	Received by	Date	Time
	5/29/15	1600		5/29/15	1600
	5/29/15	1720		5/29/15	1720

QA/QC level with report
None ___1___2___3___ See price guide for applicable fees

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Temp Control: 3.8 °C

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Quote # _____

Company Name
Address
City State Zip
Sampling Site Address
Attn: Email
Project Name Project #
Sampler Name/Signature

See Sheet 1

Requested Turnaround Time
Note: Rush requests subject to acceptance by the laboratory
___ Standard
___ Expedited
Due___/___/___

	#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code*	# of Cont	PAHs	TRPH	As, V, Sb, Ni									Field Filtered (Y/N)	Comments
36	1	CA-07-0.5	5/27/15	13:32	S	1	X	X	X										
37	2	" " -02	↓	13:34	↓	↓	↓	↓	↓										
38	3	" " -04		13:36															
39	4	" " -06		13:38															
40	5	" " -08		13:40															
41	6	" " -10		13:42						Hold CA-07-10 for all parameters									
	7																		
	8																		
	9																		
	0																		

Matrix Codes*
S Soil/Solid Sediment; SW Surface Water; GW Ground Water; SL Sludge; WW Waste Water; O Other (Please Specify); DW Drinking Water

Pres Codes
A- none; I- Ice; B- HNO_3; O- Other; C- H_2SO_4; M- MeOH; D- NaOH; N- $Na_2S_2O_3$; E- HCl; Z- ZnAc

Relinquished by	Date	Time	Received by	Date	Time
[signature]	5/29/15	1600	[signature]	5/29/16	1600
[signature]	5/29/15	1720	[signature]	5/29/15	1720

QA/QC level with report
None ___1___2___3___ See price guide for applicable fees

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Company Name: See Sheet A
Address
City State Zip
Sampling Site Address
Attn: Email
Project Name Project #
Sampler Name/Signature

Requested Turnaround Time
Note: Rush requests subject to acceptance by the laboratory
___ Standard
___ Expedited
Due___/___/___

LAB ANALYSIS — Parameters: PAHs; TRPH; As, V, Se, Ni

#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code*	# of Cont	PAHs	TRPH	As, V, Se, Ni	Field Filtered (Y/N)	Comments
42 1	CA-08-0.5	5/27/15	12:00	S	1	X	X	X		
43 2	" " -02	↓	12:01	↓	↓	↓	↓	↓		
44 3	" " -04		12:02							
45 4	" " -06		12:03							
46 5	" " -08		12:04							
47 6	" " -10	↓	12:05	↓	↓	↓	↓	↓		Hold sample CA-08-0.5 All parameters
7										
8										
9										
0										

Matrix Codes*
S Soil/Solid Sediment; SW Surface Water; GW Ground Water; SL Sludge; WW Waste Water; O Other (Please Specify); DW Drinking Water

Pres Codes
A- none; I- Ice; B- HNO_3; O- Other; C- H_2SO_4; M- MeOH; D- NaOH; N- $Na_2S_2O_3$; E- HCl; Z- ZnAc

Relinquished by	Date	Time	Received by	Date	Time
[signature]	5/29/16	1600	[signature]	5/29/15	1600
[signature]	5/29/15	1720	[signature]	5/29/15	1720

QA/QC level with report
None ___1___2___3___ See price guide for applicable fees

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Company Name
Address
City State Zip
Sampling Site Address
Attn: Email
Project Name Project #
Sampler Name/Signature

LAB ANALYSIS

Requested Turnaround Time
Note: Rush requests subject to acceptance by the laboratory
___ Standard
___ Expedited
Due ___/___/___

	#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code*	# of Cont	PAHs	TRPH	As, V, Sb, Ni									Field Filtered (Y/N)	Comments
48	1	CA-09-0.5	5/27/15	12:10	S	1	X	X	X										
49	2	" " -02		12:11															
50	3	" " -04		12:12															
51	4	" " -06		12:13															
52	5	" " -08		12:14															
53	6	" " -10		12:15						1fold CA-09-10 for all parameters									
	7																		
	8																		
	9																		
	0																		

Parameters

Matrix Codes*			
S	Soil/Solid Sediment	SW	Surface Water
GW	Ground Water	SL	Sludge
WW	Waste Water	O	Other (Please Specify)
DW	Drinking Water		

Pres Codes			
A-	none	I-	Ice
B-	HNO_3	O-	Other
C-	H_2SO_4	M-	MeOH
D-	NaOH	N-	$Na_2S_2O_3$
E-	HCl	Z-	ZnAc

Relinquished by	Date	Time	Received by	Date	Time
	5/29/15	1600		5/29/15	1600
	5/29/15	1720		5/29/15	1720

QA/QC level with report
None ___1___2___3___ See price guide for applicable fees

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Temp Control: 3.8 °C

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Attn: Email
Project Name Project #
Sampler Name/Signature

LAB ANALYSIS

Requested Turnaround Time
Note: Rush requests subject to acceptance by the laboratory
___ Standard
___ Expedited
Due ___/___/___

	#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code*	# of Cont	Pres Codes	PAHs	TRPH	As, V, Se, Ni									Field Filtered (Y/N)	Comments
54	1	CA-10-0.5	5/27/15	12:18	S	1		X	X	X										
55	2	" " -02	↓	12:20	↓	↓		↓	↓	↓										
56	3	" " -04		12:22																
57	4	" " -06		12:24																
58	5	" " -08		12:26																
59	6	" " -10		12:28																
	7																			
	8																			
	9																			
	0																			

Hold sample CA-10-10 All parameters

Matrix Codes*			
S	Soil/Solid Sediment	SW	Surface Water
GW	Ground Water	SL	Sludge
WW	Waste Water	O	Other (Please Specify)
DW	Drinking Water		

Pres Codes			
A- none		I-	Ice
B- HNO_3		O-	Other
C- H_2SO_4		M-	MeOH
D- NaOH		N-	$Na_2S_2O_3$
E- HCl		Z-	ZnAc

Relinquished by	Date	Time	Received by	Date	Time
	5/29/15	1600		5/29/15	1600
	5/29/15	1720		5/29/15	1720

QA/QC level with report
None ___1___2___3___ See price guide for applicable fees

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LAB ANALYSIS

Requested Turnaround Time
Note: Rush requests subject to acceptance by the laboratory
___ Standard
___ Expedited
Due___/___/___

	#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code*	# of Cont	PAHs	TRPH	As, V, Sb, Ni	Field Filtered (Y/N)	Comments
60	1	CA-11-0.5	5/27/15	11:14			X	X	X		
61	2	" " -02		11:16							
62	3	" " -04		11:18							
63	4	" " -06		11:20							
64	5	" " -08		11:22							
	6										
	7										
	8										
	9										
	0										

Pres Codes

Parameters

Matrix Codes*
S Soil/Solid Sediment
GW Ground Water
WW Waste Water
DW Drinking Water
SW Surface Water
SL Sludge
O Other (Please Specify)

Pres Codes
A- none
B- HNO_3
C- H_2SO_4
D- NaOH
E- HCl
I- Ice
O- Other
M- MeOH
N- $Na_2S_2O_3$
Z- ZnAc

Relinquished by	Date	Time	Received by	Date	Time
	5/29/15	1600		5/29/15	1600
	5/29/15	1720		5/29/15	1720

QA/QC level with report
None ___1___2___3___ See price guide for applicable fees

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Project Name Project #
Sampler Name/Signature

LAB ANALYSIS

Requested Turnaround Time
Note: Rush requests subject to acceptance by the laboratory
___ Standard
___ Expedited
Due ___/___/___

	#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code*	# of Cont	PAH	TRPH	As, V, Sb, Ni	Field Filtered (Y/N)	Comments
65	1	CA-12-0.5	5/27/15	13:20							
66	2	" " -02		13:22							
67	3	" " -04		13:24							
68	4	" " -06		13:26							
69	5	" " -08		13:28							
70	6	" " -10		13:30			Hold	CA-12-10	for all	parameters	
	7										
	8										
	9										
	0										

Pres Codes

Matrix Codes*
S Soil/Solid Sediment; SW Surface Water; GW Ground Water; SL Sludge; WW Waste Water; O Other (Please Specify); DW Drinking Water

Pres Codes
A- none; I- Ice; B- HNO_3; O- Other; C- H_2SO_4; M- MeOH; D- NaOH; N- $Na_2S_2O_3$; E- HCl; Z- ZnAc

Relinquished by	Date	Time	Received by	Date	Time
	5/29/15	1600		5/29/15	1600
	5/29/15	1720		5/29/15	1720

QA/QC level with report
None ___ 1 ___ 2 ___ 3 ___ See price guide for applicable fees

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Attn: Email
Project Name Project #
Sampler Name/Signature

Requested Turnaround Time
Note: Rush requests subject to acceptance by the laboratory
___ Standard
___ Expedited
Due___/___/___

LAB ANALYSIS

Parameters: PAHs; TPPH; As, V, Sb, Ni

Field Filtered (Y/N)

	#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code*	# of Cont	PAHs	TPPH	As, V, Sb, Ni	Comments
71	1	CA-13-0.5	5/27/15	13:08			X	X	X	
72	2	" " -02		13:10						
73	3	" " -04		13:12						
74	4	" " -06		13:14						
75	5	" " -08		13:16						
76	6	" " -10		13:18			Hold CA-13-10 All Parameters			
	7									
	8									
	9									
	0									

Matrix Codes*
S Soil/Solid Sediment; SW Surface Water; GW Ground Water; SL Sludge; WW Waste Water; O Other (Please Specify); DW Drinking Water

Pres Codes
A- none; I- Ice; B- HNO_3; O- Other; C- H_2SO_4; M- MeOH; D- NaOH; N- $Na_2S_2O_3$; E- HCl; Z- ZnAc

Relinquished by	Date	Time	Received by	Date	Time
	5/29/15	1600		5/29/15	1600
	5/29/15	1720		5/29/15	1720

QA/QC level with report
None ___1___2___3___ See price guide for applicable fees

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Temp Control: 3.8 °C

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Project Name Project #
Sampler Name/Signature

Requested Turnaround Time
Note: Rush requests subject to acceptance by the laboratory
___ Standard
___ Expedited
Due___/___/___

LAB ANALYSIS — Parameters: PAHs, TRPH, As, V, Sb, Ni

	#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code*	# of Cont	Field Filtered (Y/N)	Comments
77	1	CA-14-0.5	5/27/15	12:56				
78	2	" " -02		12:58				
79	3	" " -04		13:00				
80	4	" " -06		13:02				
81	5	" " -08		13:04				
82	6	" " -10		13:06				
	7							
	8							
	9							
	0							

Hold CA-14-10 for all parameters

Matrix Codes*
S Soil/Solid Sediment; SW Surface Water; GW Ground Water; SL Sludge; WW Waste Water; O Other (Please Specify); DW Drinking Water

Pres Codes
A- none; I- Ice; B- HNO_3; O- Other; C- H_2SO_4; M- MeOH; D- NaOH; N- $Na_2S_2O_3$; E- HCl; Z- ZnAc

Relinquished by	Date	Time	Received by	Date	Time
	5/29/15	1600		5/29/15	1600
	5/29/15	1720		5/29/15	1720

QA/QC level with report
None ___1___2___3___ See price guide for applicable fees

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Company Name
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Sampling Site Address
Attn: Email
Project Name Project #
Sampler Name/Signature

LAB ANALYSIS

Requested Turnaround Time
Note: Rush requests subject to acceptance by the laboratory
___ Standard
___ Expedited
Due___/___/___

	#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code*	# of Cont	PAHs	TRPH	As, V, Sb, Ni	Field Filtered (Y/N)	Comments
83	1	CA-15-0.5	5/27/15	10:55							
84	2	" " -02		10:57							
85	3	" " -04		10:59							
86	4	" " -06		11:01							
87	5	" " -08		11:03							
	6										
	7										
	8										
	9										
	0										

Matrix Codes*
S Soil/Solid Sediment; SW Surface Water; GW Ground Water; SL Sludge; WW Waste Water; O Other (Please Specify); DW Drinking Water

Pres Codes
A- none; I- Ice; B- HNO_3; O- Other; C- H_2SO_4; M- MeOH; D- NaOH; N- $Na_2S_2O_3$; E- HCl; Z- ZnAc

Relinquished by	Date	Time	Received by	Date	Time
	5/29/15	1600		5/29/15	1600
	5/29/15	1720		5/29/15	1720

QA/QC level with report
None ___1___2___3___ See price guide for applicable fees

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Company Name
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Sampling Site Address
Attn: Email
Project Name Project #
Sampler Name/Signature

LAB ANALYSIS

Requested Turnaround Time
Note: Rush requests subject to acceptance by the laboratory
___ Standard
___ Expedited
Due___/___/___

	#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code*	# of Cont	Parameters: AS	Field Filtered (Y/N)	Comments
88	1	CA-16-0.5	5/27/15	1440	S	1	X		
89	2	CA-16-02		1441					
90	3	" " 04		1442					
91	4	" " 06		1443					
92	5	" " 08		1444					
93	6	" " 10		1445					
	7								
	8								
	9								
	0								

Pres Codes

Matrix Codes*			
S	Soil/Solid Sediment	SW	Surface Water
GW	Ground Water	SL	Sludge
WW	Waste Water	O	Other (Please Specify)
DW	Drinking Water		

Pres Codes			
A- none		I-	Ice
B- HNO_3		O-	Other
C- H_2SO_4		M-	MeOH
D- NaOH		N-	$Na_2S_2O_3$
E- HCl		Z-	ZnAc

Relinquished by	Date	Time	Received by	Date	Time
	5/29/15	16:00		5/29/15	1600
	5/29/15	1720		5/29/15	1720

QA/QC level with report
None ___1___2___3___ See price guide for applicable fees

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Attn: Email
Project Name Project #
Sampler Name/Signature

Page

Requested Turnaround Time
Note: Rush requests subject to acceptance by the laboratory
___ Standard
___ Expedited
Due___/___/___

LAB ANALYSIS

Pres Codes

Parameters: AS

Field Filtered (Y/N)

	#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code*	# of Cont	AS	Comments
94	1	CA-17-0.5	5/27/15	14:33			X	
95	2	" " -02		14:34				
96	3	" " -04		14:35				
97	4	" " -06		14:36				
98	5	" " -08		14:37				
99	6	" " -10		14:38				
	7							
	8							
	9							
	0							

Matrix Codes*
S Soil/Solid Sediment; SW Surface Water; GW Ground Water; SL Sludge; WW Waste Water; O Other (Please Specify); DW Drinking Water

Pres Codes
A- none; I- Ice; B- HNO_3; O- Other; C- H_2SO_4; M- MeOH; D- NaOH; N- $Na_2S_2O_3$; E- HCl; Z- ZnAc

Relinquished by	Date	Time	Received by	Date	Time
	5/29/15	16:00		5/29/15	16:00
	5/29/15	1720		5/29/15	1720

QA/QC level with report
None ___1___2___3___ See price guide for applicable fees

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Quote # _____

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City State Zip
Sampling Site Address
Attn: Email
Project Name Project #
Sampler Name/Signature

LAB ANALYSIS

Pres Codes | Parameters | Field Filtered (Y/N)

Requested Turnaround Time
Note: Rush requests subject to acceptance by the laboratory
___ Standard
___ Expedited
Due___/___/___

	#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code*	# of Cont	AS	Comments
100	1	CA-18-0.5	5/27/15	14:26			X	
101	2	" " -02		14:27				
102	3	" " -04		14:28				
103	4	" " -06		14:29				
104	5	" " -08		14:30				
105	6	" " -10		14:31				
	7							
	8							
	9							
	0							

Matrix Codes*
S Soil/Solid Sediment; SW Surface Water; GW Ground Water; SL Sludge; WW Waste Water; O Other (Please Specify); DW Drinking Water

Pres Codes
A- none; I- Ice; B- HNO_3; O- Other; C- H_2SO_4; M- MeOH; D- NaOH; N- $Na_2S_2O_3$; E- HCl; Z- ZnAc

Relinquished by	Date	Time	Received by	Date	Time
	5/29/15	16:00		5/29/15	16:00
	5/29/15	1720		5/29/15	1720

QA/QC level with report
None ___1___2___3___ See price guide for applicable fees

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J.E.L. Log # 1541962
P.O. # _____
Quote # _____

Company Name
Address
City State Zip
Sampling Site Address
Attn: Email
Project Name Project #
Sampler Name/Signature

LAB ANALYSIS

Requested Turnaround Time
Note: Rush requests subject to acceptance by the laboratory
___ Standard
___ Expedited
Due___/___/___

	#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code*	# of Cont	Parameters: As	Field Filtered (Y/N)	Comments
106	1	CA-19-0.5	5/27/15	14:20			X		
107	2	" " -02		14:21			↓		
108	3	" " -04		14:22					
109	4	" " -06		14:23					
110	5	" " -08		14:24					
111	6	" " -10		14:25					
	7								
	8								
	9								
	0								

Matrix Codes*
S Soil/Solid Sediment; SW Surface Water; GW Ground Water; SL Sludge; WW Waste Water; O Other (Please Specify); DW Drinking Water

Pres Codes
A- none; I- Ice; B- HNO_3; O- Other; C- H_2SO_4; M- MeOH; D- NaOH; N- $Na_2S_2O_3$; E- HCl; Z- ZnAc

Relinquished by	Date	Time	Received by	Date	Time
[signature]	5/29/15	16:00	[signature]	5/29/15	16:00
[signature]	5/29/15	1720	[signature]	5/29/15	1720

QA/QC level with report
None ___1___2___3___ See price guide for applicable fees

FDEP Dry Cleaning ☐ FDEP UST Pre-Approval ☐
SFWMD ☐ ADaPT ☐ DOT ☐

Temp Control: 3.8 °C

541962

CA-20

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J.E.L. Log # 1541962
P.O. # _____
Quote # _____

Company Name
Address
City State Zip
Sampling Site Address
Attn: Email
Project Name Project #
Sampler Name/Signature

See Sheet A

LAB ANALYSIS

Requested Turnaround Time
Note: Rush requests subject to acceptance by the laboratory
___ Standard
___ Expedited
Due___/___/___

	#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code*	# of Cont	Pres Codes	Parameters: EPA 1631	Parameters: Arsenic									Field Filtered (Y/N)	Comments
112	1	CA-20-0.5	5/27/15	8:50					X										
113	2	" " -02		8:52															
114	3	" " -04		8:54															
115	4	" " -06		8:56															
116	5	" " -08		8:58															
117	6	" " -10		8:59															
	7																		
	8																		
	9																		
	0																		

Matrix Codes*
S Soil/Solid Sediment; SW Surface Water; GW Ground Water; SL Sludge; WW Waste Water; O Other (Please Specify); DW Drinking Water

Pres Codes
A- none; I- Ice; B- HNO_3; O- Other; C- H_2SO_4; M- MeOH; D- NaOH; N- $Na_2S_2O_3$; E- HCl; Z- ZnAc

Relinquished by	Date	Time	Received by	Date	Time
	5/29/15	16.00		5/29/15	16.00
	5/29/15	1720		5/29/15	1720

QA/QC level with report
None ___1___2___3___ See price guide for applicable fees

FDEP Dry Cleaning ☐ FDEP UST Pre-Approval ☐
SFWMD ☐ ADaPT ☐ DOT ☐

Temp Control: 3.8 °C

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P.O. # _____
Quote # _____

Company Name
Address
City State Zip
Sampling Site Address
Attn: Email
Project Name Project #
Sampler Name/Signature

See Sheet

Requested Turnaround Time
Note: Rush requests subject to acceptance by the laboratory
___ Standard
___ Expedited
Due___/___/___

	#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code*	# of Cont	Pres Codes	PAH	As										Field Filtered (Y/N)	Comments
118	1	CA-21-0.5	5/27/15	14:08				X	X											
119	2	" " -02		14:10				X	X											
120	3	" " -04		14:12				X	X											
121	4	" " -06		14:14				X	X											
122	5	" " -08		14:16					Hold ~~PAH's CA-3~~											Sample CA-21-08
123	6	" " -10		14:18					Hold ~~PAH~~											Sample CA-21-10
	7																			
	8																			
	9																			
	0																			

Matrix Codes*			
S	Soil/Solid Sediment	SW	Surface Water
GW	Ground Water	SL	Sludge
WW	Waste Water	O	Other (Please Specify)
DW	Drinking Water		

Pres Codes			
A- none		I-	Ice
B- HNO_3		O-	Other
C- H_2SO_4		M-	MeOH
D- NaOH		N-	$Na_2S_2O_3$
E- HCl		Z-	ZnAc

Relinquished by	Date	Time	Received by	Date	Time
	5/29/15	16:00		5/29/15	16:00
	5/29/15	1720		5/29/15	1720

QA/QC level with report
None ___1___2___3___ See price guide for applicable fees

FDEP Dry Cleaning ☐ FDEP UST Pre-Approval ☐
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Temp Control: 3.8 °C

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J.E.L. Log # 154962
P.O. # _____
Quote # _____

Company Name
Address
City State Zip
Sampling Site Address
Attn: Email
Project Name Project #
Sampler Name/Signature

See page 1

Requested Turnaround Time
Note: Rush requests subject to acceptance by the laboratory
___ Standard
___ Expedited
Due___/___/___

LAB ANALYSIS

Pres Codes | Parameters: As, PAHs | Field Filtered (Y/N)

	#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code*	# of Cont	As	PAHs	Comments
124	1	CA-22-0.5	5/28/15	1105	S	1	✓	✓	
125	2	" " -02		1107			✓	✓	
126	3	" " -04		1109			✓	✓	
127	4	" " -06		1111			✓	✓	Hold As on Sample CA-2206; Run PAHs
128	5	" " -08		1113			✓	✓	Hold As on Sample CA-2208; Run PAHs
	6	~~" " -10~~		1115			✓	✓	
	7								
	8								
	9								
	0								

Matrix Codes*
S Soil/Solid Sediment; SW Surface Water; GW Ground Water; SL Sludge; WW Waste Water; O Other (Please Specify); DW Drinking Water

Pres Codes
A- none; I- Ice; B- HNO_3; O- Other; C- H_2SO_4; M- MeOH; D- NaOH; N- $Na_2S_2O_3$; E- HCl; Z- ZnAc

Relinquished by	Date	Time	Received by	Date	Time
	5/29/15	1600		5/29/15	1600
	5/29/15	1720		5/29/15	1720

QA/QC level with report
None ___1___2___3___ See price guide for applicable fees

FDEP Dry Cleaning ☐ FDEP UST Pre-Approval ☐
SFWMD ☐ ADaPT ☐ DOT ☐

Temp Control: 3.8 °C

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Quote # _____

Company Name
Address
City State Zip
Sampling Site Address
Attn: Email
Project Name Project #
Sampler Name/Signature

Requested Turnaround Time
Note: Rush requests subject to acceptance by the laboratory
___ Standard
___ Expedited
Due___/___/___

LAB ANALYSIS

	#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code*	# of Cont	As	PAHs	Field Filtered (Y/N)	Comments
129	1	CA-23-0.5	5/28/15	11 15	S	1	X	X		
130	2	" " -02		11 16			X	X		
131	3	" " -04		11 17			X	X		
132	4	" " -06		11 18			X	X		Hold As on CA-23-06 and Run PAHs
133	5	" " -08		11 19			X	X		Hold As on CA-23-08 and Run PAHs
	6	~~" " -10~~		11 20			~~X~~	~~X~~		~~R~~
	7									
	8									
	9									
	0									

Matrix Codes*
S Soil/Solid Sediment; SW Surface Water; GW Ground Water; SL Sludge; WW Waste Water; O Other (Please Specify); DW Drinking Water

Pres Codes
A- none; I- Ice; B- HNO_3; O- Other; C- H_2SO_4; M- MeOH; D- NaOH; N- $Na_2S_2O_3$; E- HCl; Z- ZnAc

Relinquished by	Date	Time	Received by	Date	Time
	5/29/15	16:00		5/29/15	16:00
	5/29/15	1720		5/29/15	1720

QA/QC level with report
None ___1___2___3___ See price guide for applicable fees

FDEP Dry Cleaning ❑ FDEP UST Pre-Approval ❑
SFWMD ❑ ADaPT ❑ DOT ❑

Temp Control: 3.8 °C

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J.E.L. Log # 1541962
P.O. # _____
Quote # _____

Company Name
Address
City State Zip
Sampling Site Address
Attn: Email
Project Name Project #
Sampler Name/Signature

Get page

Requested Turnaround Time
Note: Rush requests subject to acceptance by the laboratory
____ Standard
____ Expedited
Due___/___/___

LAB ANALYSIS

Parameters: AS, PAHs

Pres Codes

Field Filtered (Y/N)

	#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code*	# of Cont	AS	PAHs										Comments
134	1	CA-24-0.5	5/28/15	1122	S	1	x	x										
135	2	CA-24-02		1124			x	x										
136	3	" " -04		1126			x	x	Hold PAHs on Sample CA-24-04									
137	4	" " -06		1128			x	x	Hold PAHs on Sample CA-24-06									
138	5	" " -08		1130			x	x	Hold PAHs on Sample CA-24-08									
	6	" " -10		1132			x	x	PR									
	7																	
	8																	
	9																	
	0																	

Matrix Codes*
S Soil/Solid Sediment; SW Surface Water; GW Ground Water; SL Sludge; WW Waste Water; O Other (Please Specify); DW Drinking Water

Pres Codes
A- none; I- Ice; B- HNO_3; O- Other; C- H_2SO_4; M- MeOH; D- NaOH; N- $Na_2S_2O_3$; E- HCl; Z- ZnAc

Relinquished by	Date	Time	Received by	Date	Time
[signature]	5/29/15	16:00	[signature]	5/29/15	16:00
[signature]	5/29/15	1720	[signature]	5/29/15	1720

QA/QC level with report
None ___1___2___3___ See price guide for applicable fees

FDEP Dry Cleaning ☐ FDEP UST Pre-Approval ☐
SFWMD ☐ ADaPT ☐ DOT ☐

Temp Control: 3.8 °C

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J.E.L. Log # 541962
P.O. # _____
Quote # _____

Company Name: TCG
Address: 5815 N Andrews Way Ste B
City: Cutler Bay State: FL Zip: 33309
Sampling Site Address:
Attn: Email: admin@tieraconsulting.com
Project Name: Project #: 15426
Sampler Name/Signature:

Requested Turnaround Time
Note: Rush requests subject to acceptance by the laboratory
___ Standard
___ Expedited
Due___/___/___

LAB ANALYSIS

Parameters: As

Pres Codes

Field Filtered (Y/N)

	#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code*	# of Cont	As	Comments
139	1	CA-25-0.5	5/28/15	1135	S	1	X	Hold As on CA-25-0.5
140	2	" " -02	↓	1137	↓	↓	X	Hold As on CA-25-02
141	3	" " -04	↓	1139	↓	↓	X	
142	4	" " -06	↓	1141	↓	↓	X	
	5							
	6							
	7							
	8							
	9							
	0							

Matrix Codes*
S Soil/Solid Sediment; SW Surface Water; GW Ground Water; SL Sludge; WW Waste Water; O Other (Please Specify); DW Drinking Water

Pres Codes
A- none; I- Ice; B- HNO_3; O- Other; C- H_2SO_4; M- MeOH; D- NaOH; N- $Na_2S_2O_3$; E- HCl; Z- ZnAc

Relinquished by	Date	Time	Received by	Date	Time
[signature]	5/29/15	16:00	[signature]	5/29/15	16:00
[signature]	5/29/15	1720	[signature]	5/29/15	1720

QA/QC level with report
None ___1___2___3___ See price guide for applicable fees

FDEP Dry Cleaning ☐ FDEP UST Pre-Approval ☐
SFWMD ☐ ADaPT ☐ DOT ☐

Temp Control: 3.7 °C

541962

Jupiter
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J.E.L. Log # 1541962
P.O. # _____
Quote # _____

Company Name: TCG
Address: 5815 N Andrews Way
City: FTL State: Zip: 33309
Sampling Site Address: Cutler
Attn: Email:
Project Name: Project #:
Sampler Name/Signature:

LAB ANALYSIS

Requested Turnaround Time
Note: Rush requests subject to acceptance by the laboratory
___ Standard
___ Expedited
Due___/___/___

	#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code*	# of Cont	Pres Codes / Parameters: As	Field Filtered (Y/N)	Comments
143	1	CA-26-0.5	5/28/15	1146	S	1	x		Hold AS on CA-26-0.5
144	2	" " -02	↓	1148	↓	↓	x		Hold AS on CA-26-02
145	3	" " -04	↓	1150	↓	↓	x		
146	4	" " -06	↓	1152	↓	↓	x		
	5								
	6								
	7								
	8								
	9								
	0								

Matrix Codes*
S Soil/Solid Sediment; SW Surface Water; GW Ground Water; SL Sludge; WW Waste Water; O Other (Please Specify); DW Drinking Water

Pres Codes
A- none; I- Ice; B- HNO_3; O- Other; C- H_2SO_4; M- MeOH; D- NaOH; N- $Na_2S_2O_3$; E- HCl; Z- ZnAc

Relinquished by	Date	Time	Received by	Date	Time
	5/29/15	16:00		5/29/15	16:00
	5/29/15	1720		5/29/15	1720

QA/QC level with report
None ___1___2___3___ See price guide for applicable fees

FDEP Dry Cleaning ☐ FDEP UST Pre-Approval ☐
SFWMD ☐ ADaPT ☐ DOT ☐

Temp Control: 3.8 °C

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CA-27

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P.O. # _____
Quote # _____

Company Name
Address
City State Zip
Sampling Site Address
Attn: Email
Project Name Project #
Sampler Name/Signature

LAB ANALYSIS

Requested Turnaround Time
Note: Rush requests subject to acceptance by the laboratory
___ Standard
___ Expedited
Due___/___/___

	#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code*	# of Cont	Parameters: AS	Field Filtered (Y/N)	Comments
147	1	CA-27-0.5	5/28/15	1203	S	1	X		Hold AS on CA-27-0.5
148	2	CA-27-02	↓	AM 1205	↓	↓	X		Hold AS on CA-27-02
149	3	" " -04		1207			X		
150	4	" " -05		1209			X		
	5								
	6								
	7								
	8								
	9								
	0								

Matrix Codes*
S Soil/Solid Sediment; SW Surface Water; GW Ground Water; SL Sludge; WW Waste Water; O Other (Please Specify); DW Drinking Water

Pres Codes
A- none; I- Ice; B- HNO_3; O- Other; C- H_2SO_4; M- MeOH; D- NaOH; N- $Na_2S_2O_3$; E- HCl; Z- ZnAc

Relinquished by	Date	Time	Received by	Date	Time
	5/29/15	16:00		5/29/15	16:00
	5/29/15	1720		5/29/15	1720

QA/QC level with report
None ___1___2___3___ See price guide for applicable fees

FDEP Dry Cleaning ☐ FDEP UST Pre-Approval ☐
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Temp Control: 3.8 °C

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Quote # _____

Company Name
Address
City State Zip
Sampling Site Address
Attn: Email
Project Name Project #
Sampler Name/Signature

Requested Turnaround Time
Note: Rush requests subject to acceptance by the laboratory
___ Standard
___ Expedited
Due___/___/___

	#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code*	# of Cont	Parameters: AS	Field Filtered (Y/N)	Comments
151	1	CA-28-0.5	5/28/15	1155	S	1	x		Hold ~~CA~~ AS on CA-28-0.5
152	2	" " -02	↓	1156	↓	↓	x		Hold AS on CA-28-02
153	3	" " -04		1157			x		
	4	~~" " -06~~ AM		~~1158~~					
154	5	" " -05	↓	1158	↓	↓	x		
	6								
	7								
	8								
	9								
	0								

Pres Codes

Matrix Codes*
S Soil/Solid Sediment; SW Surface Water; GW Ground Water; SL Sludge; WW Waste Water; O Other (Please Specify); DW Drinking Water

Pres Codes
A- none; I- Ice; B- HNO_3; O- Other; C- H_2SO_4; M- MeOH; D- NaOH; N- $Na_2S_2O_3$; E- HCl; Z- ZnAc

Relinquished by	Date	Time	Received by	Date	Time
	5/29/15	16:00		5/29/15	16:00
	5/29/15	1720	LB	5/29/15	1720

QA/QC level with report
None ___1___2___3___ See price guide for applicable fees

FDEP Dry Cleaning ☐ FDEP UST Pre-Approval ☐
SFWMD ☐ ADaPT ☐ DOT ☐

Temp Control: 3.8 °C

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Quote # _____

Company Name
Address
City State Zip
Sampling Site Address
Attn: Email
Project Name Project #
Sampler Name/Signature

Requested Turnaround Time
Note: Rush requests subject to acceptance by the laboratory
___ Standard
___ Expedited
Due___/___/___

	#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code*	# of Cont	Pres Codes	Parameters: AS											Field Filtered (Y/N)	Comments
155	1	CA-29-0.5	5/28/15	1300	S	1		x	Hold AS on CA-29-0.5											
156	2	" " -02	↓	1301	↓	↓		x	Hold AS on CA-29-02											
157	3	" " -04		1302				x												
158	4	" " -05		1303				x												
	5			4 Am																
	6																			
	7																			
	8																			
	9																			
	0																			

Matrix Codes*
S Soil/Solid Sediment; SW Surface Water; GW Ground Water; SL Sludge; WW Waste Water; O Other (Please Specify); DW Drinking Water

Pres Codes
A- none; I- Ice; B- HNO_3; O- Other; C- H_2SO_4; M- MeOH; D- NaOH; N- $Na_2S_2O_3$; E- HCl; Z- ZnAc

Relinquished by	Date	Time	Received by	Date	Time
	5/29/15	16:00		5/29/15	16:00
	5/29/15	1720		5/29/15	1720

QA/QC level with report
None ___1___2___3___ See price guide for applicable fees

FDEP Dry Cleaning ☐ FDEP UST Pre-Approval ☐
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Temp Control: 3.8 °C

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P.O. # _____
Quote # _____

Company Name
Address
City State Zip
Sampling Site Address
Attn: Email
Project Name Project #
Sampler Name/Signature

LAB ANALYSIS

Requested Turnaround Time
Note: Rush requests subject to acceptance by the laboratory
___ Standard
___ Expedited
Due___/___/___

	#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code*	# of Cont	Parameters (Pres Codes)	Field Filtered (Y/N)	Comments
159	1	CA-30-0.5	5/28/15	1345	S	1	X		
160	2	CA-30-02		1347			X		
161	3	" " -04		1349			X		
162	4	CA-31-0.5		1324			X		
163	5	" " -02		1325			X		
164	6	" " -04		1326			X		
165	7	CA-32-0.5		1330			X		
166	8	" " -02		1331			X		
167	9	" " -04		1333			X		
	0								

Matrix Codes*
S Soil/Solid Sediment; SW Surface Water; GW Ground Water; SL Sludge; WW Waste Water; O Other (Please Specify); DW Drinking Water

Pres Codes
A- none; I- Ice; B- HNO_3; O- Other; C- H_2SO_4; M- MeOH; D- NaOH; N- $Na_2S_2O_3$; E- HCl; Z- ZnAc

Relinquished by	Date	Time	Received by	Date	Time
	5/29/15	16:00		5/29/15	16:00
	5/29/15	1720		5/29/15	1720

QA/QC level with report
None ___1___2___3___ See price guide for applicable fees

FDEP Dry Cleaning ☐ FDEP UST Pre-Approval ☐
SFWMD ☐ ADaPT ☐ DOT ☐

Temp Control: 3.8 °C

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J.E.L. Log # 1541962
P.O. # _____
Quote # _____

Company Name
Address
City State Zip
Sampling Site Address
Attn: Email
Project Name Project #
Sampler Name/Signature

LAB ANALYSIS

Requested Turnaround Time
Note: Rush requests subject to acceptance by the laboratory
___ Standard
___ Expedited
Due___/___/___

	#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code*	# of Cont	Parameters: As	Field Filtered (Y/N)	Comments
168	1	CA-33-0.5	5/28/15	1335	S	1	X		
169	2	" " -02	↓	1336	↓	↓	X		
170	3	" " -04		1337			X		
	4								
	5								
	6								
	7								
	8								
	9								
	0								

Pres Codes

Matrix Codes*
S Soil/Solid Sediment; SW Surface Water; GW Ground Water; SL Sludge; WW Waste Water; O Other (Please Specify); DW Drinking Water

Pres Codes
A- none; I- Ice; B- HNO_3; O- Other; C- H_2SO_4; M- MeOH; D- NaOH; N- $Na_2S_2O_3$; E- HCl; Z- ZnAc

Relinquished by	Date	Time	Received by	Date	Time
	5/29/15	16:00		5/29/15	16:00
	5/29/15	1720		5/29/15	1720

QA/QC level with report
None ___1___2___3___ See price guide for applicable fees

FDEP Dry Cleaning ❑ FDEP UST Pre-Approval ❑
SFWMD ❑ ADaPT ❑ DOT ❑

Temp Control: 3.8 °C

541962

CA-34

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J.E.L. Log # 1541962
P.O. # _____
Quote # _____

Company Name
Address
City State Zip
Sampling Site Address
Attn: Email
Project Name Project #
Sampler Name/Signature

Requested Turnaround Time
Note: Rush requests subject to acceptance by the laboratory
___ Standard
___ Expedited
Due___/___/___

	#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code*	# of Cont	Parameters: AS	Field Filtered (Y/N)	Comments
171	1	CA-34-0.5	5/28/15	10:49	S	1	X	Hold	CA-34-0.5
172	2	" " -02	↓	10:50	↓	↓	X	Hold	CA-34-02
173	3	" " -04	↓	10:51	↓	↓	X		
174	4	" " -06	↓	10:52	↓	↓	X		
	5								
	6								
	7								
	8								
	9								
	0								

Matrix Codes*
S Soil/Solid Sediment; SW Surface Water; GW Ground Water; SL Sludge; WW Waste Water; O Other (Please Specify); DW Drinking Water

Pres Codes
A- none; I- Ice; B- HNO_3; O- Other; C- H_2SO_4; M- MeOH; D- NaOH; N- $Na_2S_2O_3$; E- HCl; Z- ZnAc

Relinquished by	Date	Time	Received by	Date	Time
	5/29/15	16:00		5/29/15	16:00
	5/29/15	1720		5/29/15	1720

QA/QC level with report
None ___1___2___3___ See price guide for applicable fees

FDEP Dry Cleaning ☐ FDEP UST Pre-Approval ☐
SFWMD ☐ ADaPT ☐ DOT ☐

Temp Control: 3.8 °C

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J.E.L. Log # 541962
P.O. # _____
Quote # _____

Page 1

Company Name
Address
City State Zip
Sampling Site Address
Attn: Email
Project Name Project #
Sampler Name/Signature

LAB ANALYSIS

Requested Turnaround Time
Note: Rush requests subject to acceptance by the laboratory
___ Standard
___ Expedited
Due___/___/___

	#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code*	# of Cont	Parameters: As	Field Filtered (Y/N)	Comments
175	1	CA-35-0.5	5/28/15	10:39	S	1	X		Hold CA-35-0.5
176	2	" " -02	↓	10:40	↓	↓	X		
177	3	" " -04	↓	10:41	↓	↓	X		
	4	~~" " -06~~ AM							
	5								
	6								
	7								
	8								
	9								
	0								

Matrix Codes*
S Soil/Solid Sediment; SW Surface Water; GW Ground Water; SL Sludge; WW Waste Water; O Other (Please Specify); DW Drinking Water

Pres Codes
A- none; I- Ice; B- HNO_3; O- Other; C- H_2SO_4; M- MeOH; D- NaOH; N- $Na_2S_2O_3$; E- HCl; Z- ZnAc

Relinquished by	Date	Time	Received by	Date	Time
	5/29/15	16:00		5/29/15	16:00
	5/29/15	1720		5/29/15	1720

QA/QC level with report
None ___1___2___3___ See price guide for applicable fees

FDEP Dry Cleaning ☐ FDEP UST Pre-Approval ☐
SFWMD ☐ ADaPT ☐ DOT ☐

Temp Control: 3.8 °C

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J.E.L. Log # 1541962
P.O. # _____
Quote # _____

Company Name
Address
City State Zip
Sampling Site Address
Attn: Email
Project Name Project #
Sampler Name/Signature

LAB ANALYSIS

Requested Turnaround Time
Note: Rush requests subject to acceptance by the laboratory
___ Standard
___ Expedited
Due___/___/___

#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code*	# of Cont	Parameters (Pres Codes: A)	Field Filtered (Y/N)	Comments
178 1	CA-36-0.5	5/28/15	10:43	S	1	X		Hold sample CA-36-0.5
179 2	" " -02	↓	10:44	↓	↓	X		Hold sample CA-36-02
180 3	" " -04		10:45			X		
181 4	" " -06		10:46			X		
5								
6								
7								
8								
9								
0								

Matrix Codes*
S Soil/Solid Sediment; SW Surface Water; GW Ground Water; SL Sludge; WW Waste Water; O Other (Please Specify); DW Drinking Water

Pres Codes
A- none; I- Ice; B- HNO_3; O- Other; C- H_2SO_4; M- MeOH; D- NaOH; N- $Na_2S_2O_3$; E- HCl; Z- ZnAc

Relinquished by	Date	Time	Received by	Date	Time
	5/29/15	16:00		5/29/15	16:00
	5/29/15	1720		5/29/15	1720

QA/QC level with report
None ___1___2___3___ See price guide for applicable fees

FDEP Dry Cleaning ☐ FDEP UST Pre-Approval ☐
SFWMD ☐ ADaPT ☐ DOT ☐

Temp Control: 3.8 °C

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J.E.L. Log # 541962
P.O. # _____
Quote # _____

Company Name
Address
City State Zip
Sampling Site Address
Attn: Email
Project Name Project #
Sampler Name/Signature

LAB ANALYSIS

Requested Turnaround Time
Note: Rush requests subject to acceptance by the laboratory
___ Standard
___ Expedited
Due___/___/___

	#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code*	# of Cont	Pres Codes / Parameters: AS											Field Filtered (Y/N)	Comments
182	1	CA-37-0.5	5/28/15	10:53	S	1	X	Hold sample CA-37-0.5											
183	2	" " -02	↓	10:54	↓	↓	X	Hold sample CA-37-02											
184	3	" " -04		10:55			X												
185	4	" " -06		10:56			X												
	5																		
	6																		
	7																		
	8																		
	9																		
	0																		

Matrix Codes*
S Soil/Solid Sediment; SW Surface Water; GW Ground Water; SL Sludge; WW Waste Water; O Other (Please Specify); DW Drinking Water

Pres Codes
A- none; I- Ice; B- HNO_3; O- Other; C- H_2SO_4; M- MeOH; D- NaOH; N- $Na_2S_2O_3$; E- HCl; Z- ZnAc

Relinquished by	Date	Time	Received by	Date	Time
	5/29/15	16:00		5/29/15	16:00
	5/29/15	1720		5/29/15	1720

QA/QC level with report
None ___1___2___3___ See price guide for applicable fees

FDEP Dry Cleaning ❑ FDEP UST Pre-Approval ❑
SFWMD ❑ ADaPT ❑ DOT ❑

Temp Control: 3.8 °C

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J.E.L. Log # 1541962
P.O. # _____
Quote # _____

Company Name: Pat
Address:
City: State: Zip:
Sampling Site Address:
Attn: Email:
Project Name: Project #:
Sampler Name/Signature:

LAB ANALYSIS

Requested Turnaround Time
Note: Rush requests subject to acceptance by the laboratory
___ Standard
___ Expedited
Due___/___/___

	#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code*	# of Cont	Pres Codes	Parameters: AS											Field Filtered (Y/N)	Comments
186	1	CA-38-0.5	5/28/15	10:32	S	1		X	Hold	CA-38-0.5										
187	2	" " -02	↓	10:34	↓	↓		X	Hold	CA 38-02										
188	3	" " -04		10:36				X												
189	4	" " -06		10:38				X												
	5																			
	6																			
	7																			
	8																			
	9																			
	0																			

Matrix Codes*
S Soil/Solid Sediment; SW Surface Water; GW Ground Water; SL Sludge; WW Waste Water; O Other (Please Specify); DW Drinking Water

Pres Codes
A- none; I- Ice; B- HNO_3; O- Other; C- H_2SO_4; M- MeOH; D- NaOH; N- $Na_2S_2O_3$; E- HCl; Z- ZnAc

Relinquished by	Date	Time	Received by	Date	Time
	5/29/15	16:00		5/29/15	16:00
	5/29/15	1720		5/29/15	1720

QA/QC level with report
None ___1___2___3___ See price guide for applicable fees

FDEP Dry Cleaning ☐ FDEP UST Pre-Approval ☐
SFWMD ☐ ADaPT ☐ DOT ☐

Temp Control: 3.7 °C

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CA-39

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J.E.L. Log # 1541962
P.O. # _____
Quote # _____

Company Name
Address
City State Zip
Sampling Site Address
Attn: Email
Project Name Project #
Sampler Name/Signature

Requested Turnaround Time
Note: Rush requests subject to acceptance by the laboratory
___ Standard
___ Expedited
Due___/___/___

	#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code*	# of Cont	Pres Codes	AS											Field Filtered (Y/N)	Comments
190	1	CA-39-0.5	5/28/15	10:14	S	1		X	Hold CA-39-0.5											
191	2	" " -02	↓	10:18	↓	↓		X	Hold CA-39-02											
192	3	" " -04		10:16				X												
193	4	" " -06		10:20				X												
	5																			
	6																			
	7																			
	8																			
	9																			
	0																			

Matrix Codes*
S Soil/Solid Sediment; SW Surface Water; GW Ground Water; SL Sludge; WW Waste Water; O Other (Please Specify); DW Drinking Water

Pres Codes
A- none; I- Ice; B- HNO_3; O- Other; C- H_2SO_4; M- MeOH; D- NaOH; N- $Na_2S_2O_3$; E- HCl; Z- ZnAc

Relinquished by	Date	Time	Received by	Date	Time
	5/29/15	16:00		5/29/15	16:00
	5/29/15	1720		5/29/15	1720

QA/QC level with report
None ___1___2___3___ See price guide for applicable fees

FDEP Dry Cleaning ☐ FDEP UST Pre-Approval ☐
SFWMD ☐ ADaPT ☐ DOT ☐

Temp Control: 3.8 °C

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CA-40

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J.E.L. Log # 1541962
P.O. # _____
Quote # _____

Company Name
Address
City State Zip
Sampling Site Address
Attn: Email
Project Name Project #
Sampler Name/Signature

See Page

Requested Turnaround Time
Note: Rush requests subject to acceptance by the laboratory
___ Standard
___ Expedited
Due___/___/___

LAB ANALYSIS

Pres Codes | Parameters | Field Filtered (Y/N)

	#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code*	# of Cont	As		Comments
194	1	CA-40-0.5	5/28/15	10:03	S	1	X	Hold CA-40-0.5	
195	2	" " -02	↓	10:04	↓	↓	X	Hold CA-40-02	
196	3	" " -04	↓	10:05	↓	↓	X		
197	4	" " -06	↓	10:06	↓	↓	X		
	5								
	6								
	7								
	8								
	9								
	0								

Matrix Codes*
S Soil/Solid Sediment; SW Surface Water; GW Ground Water; SL Sludge; WW Waste Water; O Other (Please Specify); DW Drinking Water

Pres Codes
A- none; I- Ice; B- HNO_3; O- Other; C- H_2SO_4; M- MeOH; D- NaOH; N- $Na_2S_2O_3$; E- HCl; Z- ZnAc

Relinquished by	Date	Time	Received by	Date	Time
	5/29/15	16:00		5/29/15	16:00
	5/29/15	1720		5/29/15	1720

QA/QC level with report
None ___1___2___3___ See price guide for applicable fees

FDEP Dry Cleaning ☐ FDEP UST Pre-Approval ☐
SFWMD ☐ ADaPT ☐ DOT ☐

Temp Control: 3.8 °C

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CA-41

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J.E.L. Log # 1541962
P.O. # _____
Quote # _____

Company Name
Address
City State Zip
Sampling Site Address
Attn: Email
Project Name Project #
Sampler Name/Signature

LAB ANALYSIS

Parameters — Pres Codes — Field Filtered (Y/N)

Requested Turnaround Time
Note: Rush requests subject to acceptance by the laboratory
___ Standard
___ Expedited
Due___/___/___

	#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code*	# of Cont												Comments
198	1	CA-41-0.5	5/28/15	10:24	S	1		X	Hold CA-41-0.5									DDK 6/1/15 per client
199	2	" " -02	↓	10:26	↓	↓		X	Hold CA-41-02									
200	3	" " -04		10:28				X										
201	4	" " -06		10:30				X										
202	5	CA-22-10 D	5/28/15	11:15				Hold										
203	6	CA-23-10 D	5/28/15	11:20				↓										
204	7	CA-24-10 D	5/28/15	11:32														
	8																	
	9																	
	0																	

Matrix Codes*
S Soil/Solid Sediment; SW Surface Water; GW Ground Water; SL Sludge; WW Waste Water; O Other (Please Specify); DW Drinking Water

Pres Codes
A- none; I- Ice; B- HNO_3; O- Other; C- H_2SO_4; M- MeOH; D- NaOH; N- $Na_2S_2O_3$; E- HCl; Z- ZnAc

Relinquished by	Date	Time	Received by	Date	Time
	5/29/15	16:00		5/29/15	16:00
	5/29/15	1720		5/29/15	1720

QA/QC level with report
None ___1___2___3___ See price guide for applicable fees

FDEP Dry Cleaning ☐ FDEP UST Pre-Approval ☐
SFWMD ☐ ADaPT ☐ DOT ☐

Temp Control: 3.8 °C

541962

Jupiter Environmental Laboratories
Sample Discrepancy Form

Client: TCG

Date Received: 5/29/15

Recorded By: DK

Sample ID	Lab ID	Discrepancy
CA-22-10	1541962202	Samples not on COC
CA-23-10	1541962203	↓
CA-24-10	1541962204	

Resolution to above discrepancies per conversation with client.

Added samples to COC. Per client.

Place extra labels on attached sheet of paper

Login Checklist

Cooler Unpacked/Checked by: DK Date: 5/29/15

JEL LOG#: 1541962

Cooler Check

Cooler ID	Cooler Temp (C)	# of Samples in Cooler	Evidence Tape				Method of Receipt		
			Present?		Intact?				
			Yes	No	Yes	No	Drop Off	Comm. Carrier	Pick Up
	3.8	201		✓					✓

Note: if the temperature of a cooler is above 6C or an evidence seal is damaged then identify the bottles in the affected cooler(s) on the sample discrepancy form.
*Write tracking number only if waybill copy cannot be placed in the folder

Condition of Containers:

Loose Caps: Yes_____ No ✓
If yes, fill out sample discrepancy form.

Broken Containers: Yes_____ No ✓
If yes, fill out sample discrepancy form.

Acid Preserved Samples: Are their pHs </=2 ?Yes_____ No_____ N/A ✓
If yes, pH strip lot #: HC412469
If no: Fill out sample discrepancy form
Check unpreserved containers with same Field ID
If acid is added: HCL Lot #: , HNO3 Lot #: , H2SO4 Lot #:

Base Preserved Samples: Are their pHs >/=12 or 9 ?Yes_____ No_____ N/A ✓
(Cyanide >/= 12; Sulfide >/=9)
If yes, pH strip lot #: HC412469
If no: Fill out sample discrepancy form
Check unpreserved containers with same Field ID
If base is added: NaOH Lot #:

Are all samples in cooler on COC?: Yes ✓ No_____
If no, fill out sample discrepancy form.

Are all samples on COC in cooler?: Yes ✓ No_____
If no, fill out sample discrepancy form.

N/A = not Applicable Temperature Gun ID #: TEMP-GUN-1

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July 22, 2015

Pete LaForge
Tierra Consulting Group, Inc.
5815 N. Andrews Way
Suite B
Fort Lauderdale, FL 33309

RE:	LOG#	1542549
	Project ID:	FPL Cutler
	COC#	542549

Dear Pete LaForge:

Enclosed are the analytical results for sample(s) received by the laboratory on Wednesday, July 15, 2015. Results reported herein conform to the most current NELAC standards, where applicable, unless indicated by * in the body of the report. The enclosed Chain of Custody is a component of this package and should be retained with the package and incorporated therein.

Results for all solid matrices are reported in dry weight unless otherwise noted. Results for all liquid matrices are reported as received in the laboratory unless otherwise noted. Results relate only to the samples received. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

Samples are disposed of after 30 days of their receipt by the laboratory unless extended storage is requested in writing. The laboratory maintains the right to charge storage fees for archived samples. This report will be archived for 5 years after which time it will be destroyed without further notice, unless prior arrangements have been made.

Certain analyses are subcontracted to outside NELAC certified laboratories, please see the Project Summary section of this report for NELAC certification numbers of laboratories used. A Statement of Qualifiers is available upon request.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Melissa Mills for
Edward Dabrea
edabrea@jupiterlabs.com

FDOH# E86546

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SAMPLE ANALYTE COUNT

Workorder: 1542549

Project ID: FPL Cutler

Lab ID	Sample ID	Method	Analytes Reported
1542549001	CA-22NW-0.5	EPA 8310 List by 8270C SIM (S)	21
		SM 2540G	1
1542549002	CA-22NW-2	SM 2540G	1
1542549003	CA-22NW-4	SM 2540G	1
1542549004	CA-22NW-6	SM 2540G	1
1542549005	CA-22SW-0.5	EPA 6020	1
		EPA 8310 List by 8270C SIM (S)	21
		SM 2540G	1
1542549006	CA-22SW-2	EPA 6020	1
		EPA 8310 List by 8270C SIM (S)	21
		SM 2540G	1
1542549007	CA-22SW-4	EPA 6020	1
		EPA 8310 List by 8270C SIM (S)	21
		SM 2540G	1
1542549008	CA-22SW-6	SM 2540G	1
1542549009	CA-22NI-0.5	EPA 8310 List by 8270C SIM (S)	21
		SM 2540G	1
1542549010	CA-22NI-2	SM 2540G	1
1542549011	CA-22NI-4	SM 2540G	1
1542549012	CA-22NI-6	SM 2540G	1
1542549013	CA-22SI-0.5	EPA 6020	1
		EPA 8310 List by 8270C SIM (S)	21
		SM 2540G	1
1542549014	CA-22SI-2	EPA 6020	1
		EPA 8310 List by 8270C SIM (S)	21
		SM 2540G	1
1542549015	CA-22SI-4	EPA 6020	1
		EPA 8310 List by 8270C SIM (S)	21
		SM 2540G	1

FDOH# E86546

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SAMPLE SUMMARY

Workorder: 1542549

Project ID: FPL Cutler

Lab ID	Sample ID	Matrix	Date Collected	Date Received
1542549001	CA-22NW-0.5	Soil/Solid	7/15/2015 09:29	7/15/2015 16:40
1542549002	CA-22NW-2	Soil/Solid	7/15/2015 09:30	7/15/2015 16:40
1542549003	CA-22NW-4	Soil/Solid	7/15/2015 09:31	7/15/2015 16:40
1542549004	CA-22NW-6	Soil/Solid	7/15/2015 09:32	7/15/2015 16:40
1542549005	CA-22SW-0.5	Soil/Solid	7/15/2015 09:15	7/15/2015 16:40
1542549006	CA-22SW-2	Soil/Solid	7/15/2015 09:16	7/15/2015 16:40
1542549007	CA-22SW-4	Soil/Solid	7/15/2015 09:17	7/15/2015 16:40
1542549008	CA-22SW-6	Soil/Solid	7/15/2015 09:18	7/15/2015 16:40
1542549009	CA-22NI-0.5	Soil/Solid	7/15/2015 09:20	7/15/2015 16:40
1542549010	CA-22NI-2	Soil/Solid	7/15/2015 09:21	7/15/2015 16:40
1542549011	CA-22NI-4	Soil/Solid	7/15/2015 09:22	7/15/2015 16:40
1542549012	CA-22NI-6	Soil/Solid	7/15/2015 09:23	7/15/2015 16:40
1542549013	CA-22SI-0.5	Soil/Solid	7/15/2015 10:01	7/15/2015 16:40
1542549014	CA-22SI-2	Soil/Solid	7/15/2015 10:02	7/15/2015 16:40
1542549015	CA-22SI-4	Soil/Solid	7/15/2015 10:03	7/15/2015 16:40
1542549016	CA-22SI-6	Soil/Solid	7/15/2015 10:04	7/15/2015 16:40
1542549017	CA-05WI-2	Soil/Solid	7/15/2015 10:15	7/15/2015 16:40
1542549018	CA-05WI-0.5	Soil/Solid	7/15/2015 10:14	7/15/2015 16:40
1542549019	CA-05WI-4	Soil/Solid	7/15/2015 10:16	7/15/2015 16:40
1542549020	CA-05WI-6	Soil/Solid	7/15/2015 10:17	7/15/2015 16:40
1542549021	CA-05WI-8	Soil/Solid	7/15/2015 10:18	7/15/2015 16:40
1542549022	CA-05WI-10	Soil/Solid	7/15/2015 10:19	7/15/2015 16:40
1542549023	CA-22WI-0.5	Soil/Solid	7/15/2015 10:25	7/15/2015 16:40
1542549024	CA-22WI-2	Soil/Solid	7/15/2015 10:26	7/15/2015 16:40
1542549025	CA-22WI-4	Soil/Solid	7/15/2015 10:27	7/15/2015 16:40
1542549026	CA-22WI-6	Soil/Solid	7/15/2015 10:28	7/15/2015 16:40

FDOH# E86546

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ANALYTICAL RESULTS

Workorder: 1542549

Project ID: FPL Cutler

Lab ID:	**1542549001**	Date Received:	7/15/2015 16:40	Matrix:	Soil/Solid
Sample ID:	**CA-22NW-0.5**	Date Collected:	7/15/2015 09:29		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: PAH List by 8270C SIM (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C SIM (S)					
1-Methylnaphthalene	U	mg/Kg	0.225	0.056	10	7/20/2015 16:11	BH	7/21/2015 21:06	BFM	
2-Methylnaphthalene	U	mg/Kg	0.225	0.056	10	7/20/2015 16:11	BH	7/21/2015 21:06	BFM	
Acenaphthene	U	mg/Kg	0.112	0.028	10	7/20/2015 16:11	BH	7/21/2015 21:06	BFM	
Acenaphthylene	U	mg/Kg	0.112	0.028	10	7/20/2015 16:11	BH	7/21/2015 21:06	BFM	
Anthracene	U	mg/Kg	0.112	0.028	10	7/20/2015 16:11	BH	7/21/2015 21:06	BFM	
Benzo(a)anthracene	U	mg/Kg	0.067	0.017	10	7/20/2015 16:11	BH	7/21/2015 21:06	BFM	
Benzo(a)pyrene	0.052i	mg/Kg	0.067	0.010	10	7/20/2015 16:11	BH	7/21/2015 21:06	BFM	
Benzo(b)fluoranthene	0.109	mg/Kg	0.067	0.015	10	7/20/2015 16:11	BH	7/21/2015 21:06	BFM	
Benzo(g,h,i)perylene	0.072	mg/Kg	0.067	0.017	10	7/20/2015 16:11	BH	7/21/2015 21:06	BFM	
Benzo(k)fluoranthene	0.048i	mg/Kg	0.067	0.017	10	7/20/2015 16:11	BH	7/21/2015 21:06	BFM	
Chrysene	0.070	mg/Kg	0.067	0.017	10	7/20/2015 16:11	BH	7/21/2015 21:06	BFM	
Dibenzo(a,h)anthracene	0.023i	mg/Kg	0.067	0.0040	10	7/20/2015 16:11	BH	7/21/2015 21:06	BFM	
Fluoranthene	0.097i	mg/Kg	0.112	0.028	10	7/20/2015 16:11	BH	7/21/2015 21:06	BFM	
Fluorene	U	mg/Kg	0.112	0.028	10	7/20/2015 16:11	BH	7/21/2015 21:06	BFM	
Indeno(1,2,3-cd)pyrene	0.084	mg/Kg	0.067	0.017	10	7/20/2015 16:11	BH	7/21/2015 21:06	BFM	
Naphthalene	U	mg/Kg	0.225	0.056	10	7/20/2015 16:11	BH	7/21/2015 21:06	BFM	
Phenanthrene	0.029i	mg/Kg	0.112	0.028	10	7/20/2015 16:11	BH	7/21/2015 21:06	BFM	
Pyrene	0.073i	mg/Kg	0.112	0.028	10	7/20/2015 16:11	BH	7/21/2015 21:06	BFM	
Nitrobenzene-d5 (S)	38	%	20-120		10	7/20/2015 16:11	BH	7/21/2015 21:06	BFM	
2-Fluorobiphenyl (S)	52	%	30-115		10	7/20/2015 16:11	BH	7/21/2015 21:06	BFM	
p-Terphenyl-d14 (S)	47	%	15-140		10	7/20/2015 16:11	BH	7/21/2015 21:06	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	88.6	%	0.1		1			7/22/2015 15:28	BH	

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ANALYTICAL RESULTS

Workorder: 1542549

Project ID: FPL Cutler

Lab ID:	**1542549002**	Date Received:	7/15/2015 16:40	Matrix:	Soil/Solid
Sample ID:	**CA-22NW-2**	Date Collected:	7/15/2015 09:30		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)						Analytical Method: SM 2540G				
Percent Solids (Dryweight)	92.8	%	0.1		1			7/22/2015 15:28	BH	

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ANALYTICAL RESULTS

Workorder: 1542549

Project ID: FPL Cutler

Lab ID:	**1542549003**	Date Received:	7/15/2015 16:40	Matrix:	Soil/Solid
Sample ID:	**CA-22NW-4**	Date Collected:	7/15/2015 09:31		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)						Analytical Method: SM 2540G				
Percent Solids (Dryweight)	90.0	%	0.1		1			7/22/2015 15:28	BH	

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ANALYTICAL RESULTS

Workorder: 1542549

Project ID: FPL Cutler

Lab ID:	**1542549004**	Date Received:	7/15/2015 16:40	Matrix:	Soil/Solid
Sample ID:	**CA-22NW-6**	Date Collected:	7/15/2015 09:32		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)						Analytical Method: SM 2540G				
Percent Solids (Dryweight)	85.8	%	0.1		1			7/22/2015 15:28	BH	

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ANALYTICAL RESULTS

Workorder: 1542549

Project ID: FPL Cutler

Lab ID: **1542549005** Date Received: 7/15/2015 16:40 Matrix: Soil/Solid

Sample ID: **CA-22SW-0.5** Date Collected: 7/15/2015 09:15

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: PAH List by 8270C SIM (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C SIM (S)					
1-Methylnaphthalene	U	mg/Kg	0.210	0.052	10	7/20/2015 16:11	BH	7/21/2015 21:35	BFM	
2-Methylnaphthalene	U	mg/Kg	0.210	0.052	10	7/20/2015 16:11	BH	7/21/2015 21:35	BFM	
Acenaphthene	U	mg/Kg	0.105	0.026	10	7/20/2015 16:11	BH	7/21/2015 21:35	BFM	
Acenaphthylene	U	mg/Kg	0.105	0.026	10	7/20/2015 16:11	BH	7/21/2015 21:35	BFM	
Anthracene	U	mg/Kg	0.105	0.026	10	7/20/2015 16:11	BH	7/21/2015 21:35	BFM	
Benzo(a)anthracene	0.028i	mg/Kg	0.063	0.016	10	7/20/2015 16:11	BH	7/21/2015 21:35	BFM	
Benzo(a)pyrene	0.057i	mg/Kg	0.063	0.0096	10	7/20/2015 16:11	BH	7/21/2015 21:35	BFM	
Benzo(b)fluoranthene	0.095	mg/Kg	0.063	0.014	10	7/20/2015 16:11	BH	7/21/2015 21:35	BFM	
Benzo(g,h,i)perylene	0.055i	mg/Kg	0.063	0.016	10	7/20/2015 16:11	BH	7/21/2015 21:35	BFM	
Benzo(k)fluoranthene	0.047i	mg/Kg	0.063	0.016	10	7/20/2015 16:11	BH	7/21/2015 21:35	BFM	
Chrysene	0.066	mg/Kg	0.063	0.016	10	7/20/2015 16:11	BH	7/21/2015 21:35	BFM	
Dibenzo(a,h)anthracene	U	mg/Kg	0.063	0.0038	10	7/20/2015 16:11	BH	7/21/2015 21:35	BFM	
Fluoranthene	0.095i	mg/Kg	0.105	0.026	10	7/20/2015 16:11	BH	7/21/2015 21:35	BFM	
Fluorene	U	mg/Kg	0.105	0.026	10	7/20/2015 16:11	BH	7/21/2015 21:35	BFM	
Indeno(1,2,3-cd)pyrene	0.056i	mg/Kg	0.063	0.016	10	7/20/2015 16:11	BH	7/21/2015 21:35	BFM	
Naphthalene	U	mg/Kg	0.210	0.052	10	7/20/2015 16:11	BH	7/21/2015 21:35	BFM	
Phenanthrene	0.030i	mg/Kg	0.105	0.026	10	7/20/2015 16:11	BH	7/21/2015 21:35	BFM	
Pyrene	0.078i	mg/Kg	0.105	0.026	10	7/20/2015 16:11	BH	7/21/2015 21:35	BFM	
Nitrobenzene-d5 (S)	51	%	20-120		10	7/20/2015 16:11	BH	7/21/2015 21:35	BFM	
2-Fluorobiphenyl (S)	66	%	30-115		10	7/20/2015 16:11	BH	7/21/2015 21:35	BFM	
p-Terphenyl-d14 (S)	66	%	15-140		10	7/20/2015 16:11	BH	7/21/2015 21:35	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	95.4	%	0.1		1			7/22/2015 15:28	BH	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Arsenic	1.2	mg/Kg	0.52	0.086	2	7/20/2015 08:52	ZS	7/20/2015 13:20	ZS	

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ANALYTICAL RESULTS

Workorder: 1542549

Project ID: FPL Cutler

Lab ID: **1542549006** Date Received: 7/15/2015 16:40 Matrix: Soil/Solid

Sample ID: **CA-22SW-2** Date Collected: 7/15/2015 09:16

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: PAH List by 8270C SIM (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C SIM (S)					
1-Methylnaphthalene	U	mg/Kg	0.204	0.051	10	7/20/2015 16:11	BH	7/21/2015 22:03	BFM	
2-Methylnaphthalene	U	mg/Kg	0.204	0.051	10	7/20/2015 16:11	BH	7/21/2015 22:03	BFM	
Acenaphthene	U	mg/Kg	0.102	0.025	10	7/20/2015 16:11	BH	7/21/2015 22:03	BFM	
Acenaphthylene	U	mg/Kg	0.102	0.025	10	7/20/2015 16:11	BH	7/21/2015 22:03	BFM	
Anthracene	U	mg/Kg	0.102	0.025	10	7/20/2015 16:11	BH	7/21/2015 22:03	BFM	
Benzo(a)anthracene	U	mg/Kg	0.061	0.015	10	7/20/2015 16:11	BH	7/21/2015 22:03	BFM	
Benzo(a)pyrene	U	mg/Kg	0.061	0.0094	10	7/20/2015 16:11	BH	7/21/2015 22:03	BFM	
Benzo(b)fluoranthene	U	mg/Kg	0.061	0.013	10	7/20/2015 16:11	BH	7/21/2015 22:03	BFM	
Benzo(g,h,i)perylene	U	mg/Kg	0.061	0.015	10	7/20/2015 16:11	BH	7/21/2015 22:03	BFM	
Benzo(k)fluoranthene	U	mg/Kg	0.061	0.015	10	7/20/2015 16:11	BH	7/21/2015 22:03	BFM	
Chrysene	U	mg/Kg	0.061	0.015	10	7/20/2015 16:11	BH	7/21/2015 22:03	BFM	
Dibenzo(a,h)anthracene	U	mg/Kg	0.061	0.0037	10	7/20/2015 16:11	BH	7/21/2015 22:03	BFM	
Fluoranthene	U	mg/Kg	0.102	0.025	10	7/20/2015 16:11	BH	7/21/2015 22:03	BFM	
Fluorene	U	mg/Kg	0.102	0.025	10	7/20/2015 16:11	BH	7/21/2015 22:03	BFM	
Indeno(1,2,3-cd)pyrene	U	mg/Kg	0.061	0.015	10	7/20/2015 16:11	BH	7/21/2015 22:03	BFM	
Naphthalene	U	mg/Kg	0.204	0.051	10	7/20/2015 16:11	BH	7/21/2015 22:03	BFM	
Phenanthrene	U	mg/Kg	0.102	0.025	10	7/20/2015 16:11	BH	7/21/2015 22:03	BFM	
Pyrene	U	mg/Kg	0.102	0.025	10	7/20/2015 16:11	BH	7/21/2015 22:03	BFM	
Nitrobenzene-d5 (S)	42	%	20-120		10	7/20/2015 16:11	BH	7/21/2015 22:03	BFM	
2-Fluorobiphenyl (S)	53	%	30-115		10	7/20/2015 16:11	BH	7/21/2015 22:03	BFM	
p-Terphenyl-d14 (S)	52	%	15-140		10	7/20/2015 16:11	BH	7/21/2015 22:03	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	97.8	%	0.1		1			7/22/2015 15:28	BH	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Arsenic	0.94	mg/Kg	0.51	0.084	2	7/20/2015 08:52	ZS	7/20/2015 13:20	ZS	

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ANALYTICAL RESULTS

Workorder: 1542549

Project ID: FPL Cutler

Lab ID: **1542549007** Date Received: 7/15/2015 16:40 Matrix: Soil/Solid

Sample ID: **CA-22SW-4** Date Collected: 7/15/2015 09:17

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: PAH List by 8270C SIM (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C SIM (S)					
1-Methylnaphthalene	U	mg/Kg	0.215	0.054	10	7/20/2015 16:11	BH	7/21/2015 22:31	BFM	
2-Methylnaphthalene	U	mg/Kg	0.215	0.054	10	7/20/2015 16:11	BH	7/21/2015 22:31	BFM	
Acenaphthene	U	mg/Kg	0.108	0.027	10	7/20/2015 16:11	BH	7/21/2015 22:31	BFM	
Acenaphthylene	U	mg/Kg	0.108	0.027	10	7/20/2015 16:11	BH	7/21/2015 22:31	BFM	
Anthracene	U	mg/Kg	0.108	0.027	10	7/20/2015 16:11	BH	7/21/2015 22:31	BFM	
Benzo(a)anthracene	U	mg/Kg	0.065	0.016	10	7/20/2015 16:11	BH	7/21/2015 22:31	BFM	
Benzo(a)pyrene	U	mg/Kg	0.065	0.0099	10	7/20/2015 16:11	BH	7/21/2015 22:31	BFM	
Benzo(b)fluoranthene	U	mg/Kg	0.065	0.014	10	7/20/2015 16:11	BH	7/21/2015 22:31	BFM	
Benzo(g,h,i)perylene	U	mg/Kg	0.065	0.016	10	7/20/2015 16:11	BH	7/21/2015 22:31	BFM	
Benzo(k)fluoranthene	U	mg/Kg	0.065	0.016	10	7/20/2015 16:11	BH	7/21/2015 22:31	BFM	
Chrysene	U	mg/Kg	0.065	0.016	10	7/20/2015 16:11	BH	7/21/2015 22:31	BFM	
Dibenzo(a,h)anthracene	U	mg/Kg	0.065	0.0039	10	7/20/2015 16:11	BH	7/21/2015 22:31	BFM	
Fluoranthene	U	mg/Kg	0.108	0.027	10	7/20/2015 16:11	BH	7/21/2015 22:31	BFM	
Fluorene	U	mg/Kg	0.108	0.027	10	7/20/2015 16:11	BH	7/21/2015 22:31	BFM	
Indeno(1,2,3-cd)pyrene	U	mg/Kg	0.065	0.016	10	7/20/2015 16:11	BH	7/21/2015 22:31	BFM	
Naphthalene	U	mg/Kg	0.215	0.054	10	7/20/2015 16:11	BH	7/21/2015 22:31	BFM	
Phenanthrene	U	mg/Kg	0.108	0.027	10	7/20/2015 16:11	BH	7/21/2015 22:31	BFM	
Pyrene	U	mg/Kg	0.108	0.027	10	7/20/2015 16:11	BH	7/21/2015 22:31	BFM	
Nitrobenzene-d5 (S)	42	%	20-120		10	7/20/2015 16:11	BH	7/21/2015 22:31	BFM	
2-Fluorobiphenyl (S)	54	%	30-115		10	7/20/2015 16:11	BH	7/21/2015 22:31	BFM	
p-Terphenyl-d14 (S)	58	%	15-140		10	7/20/2015 16:11	BH	7/21/2015 22:31	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	93.0	%	0.1		1			7/22/2015 15:28	BH	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Arsenic	0.57	mg/Kg	0.54	0.088	2	7/20/2015 08:52	ZS	7/20/2015 13:20	ZS	

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ANALYTICAL RESULTS

Workorder: 1542549

Project ID: FPL Cutler

Lab ID:	**1542549008**	Date Received:	7/15/2015 16:40	Matrix:	Soil/Solid
Sample ID:	**CA-22SW-6**	Date Collected:	7/15/2015 09:18		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	87.2	%	0.1		1			7/22/2015 15:28	BH	

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ANALYTICAL RESULTS

Workorder: 1542549

Project ID: FPL Cutler

Lab ID:	**1542549009**	Date Received:	7/15/2015 16:40	Matrix:	Soil/Solid
Sample ID:	**CA-22NI-0.5**	Date Collected:	7/15/2015 09:20		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: PAH List by 8270C SIM (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C SIM (S)					
1-Methylnaphthalene	U	mg/Kg	0.229	0.057	10	7/20/2015 16:11	BH	7/21/2015 22:59	BFM	
2-Methylnaphthalene	U	mg/Kg	0.229	0.057	10	7/20/2015 16:11	BH	7/21/2015 22:59	BFM	
Acenaphthene	U	mg/Kg	0.114	0.029	10	7/20/2015 16:11	BH	7/21/2015 22:59	BFM	
Acenaphthylene	U	mg/Kg	0.114	0.029	10	7/20/2015 16:11	BH	7/21/2015 22:59	BFM	
Anthracene	U	mg/Kg	0.114	0.029	10	7/20/2015 16:11	BH	7/21/2015 22:59	BFM	
Benzo(a)anthracene	0.052i	mg/Kg	0.069	0.017	10	7/20/2015 16:11	BH	7/21/2015 22:59	BFM	
Benzo(a)pyrene	0.086	mg/Kg	0.069	0.011	10	7/20/2015 16:11	BH	7/21/2015 22:59	BFM	
Benzo(b)fluoranthene	0.156	mg/Kg	0.069	0.015	10	7/20/2015 16:11	BH	7/21/2015 22:59	BFM	
Benzo(g,h,i)perylene	0.094	mg/Kg	0.069	0.017	10	7/20/2015 16:11	BH	7/21/2015 22:59	BFM	
Benzo(k)fluoranthene	0.066i	mg/Kg	0.069	0.017	10	7/20/2015 16:11	BH	7/21/2015 22:59	BFM	
Chrysene	0.120	mg/Kg	0.069	0.017	10	7/20/2015 16:11	BH	7/21/2015 22:59	BFM	
Dibenzo(a,h)anthracene	0.024i	mg/Kg	0.069	0.0041	10	7/20/2015 16:11	BH	7/21/2015 22:59	BFM	
Fluoranthene	0.208	mg/Kg	0.114	0.029	10	7/20/2015 16:11	BH	7/21/2015 22:59	BFM	
Fluorene	U	mg/Kg	0.114	0.029	10	7/20/2015 16:11	BH	7/21/2015 22:59	BFM	
Indeno(1,2,3-cd)pyrene	0.100	mg/Kg	0.069	0.017	10	7/20/2015 16:11	BH	7/21/2015 22:59	BFM	
Naphthalene	U	mg/Kg	0.229	0.057	10	7/20/2015 16:11	BH	7/21/2015 22:59	BFM	
Phenanthrene	0.069i	mg/Kg	0.114	0.029	10	7/20/2015 16:11	BH	7/21/2015 22:59	BFM	
Pyrene	0.135	mg/Kg	0.114	0.029	10	7/20/2015 16:11	BH	7/21/2015 22:59	BFM	
Nitrobenzene-d5 (S)	38	%	20-120		10	7/20/2015 16:11	BH	7/21/2015 22:59	BFM	
2-Fluorobiphenyl (S)	47	%	30-115		10	7/20/2015 16:11	BH	7/21/2015 22:59	BFM	
p-Terphenyl-d14 (S)	43	%	15-140		10	7/20/2015 16:11	BH	7/21/2015 22:59	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	87.1	%	0.1		1			7/22/2015 15:28	BH	

FDOH# E86546

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ANALYTICAL RESULTS

Workorder: 1542549

Project ID: FPL Cutler

Lab ID:	**1542549010**	Date Received:	7/15/2015 16:40	Matrix:	Soil/Solid
Sample ID:	**CA-22NI-2**	Date Collected:	7/15/2015 09:21		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)						Analytical Method: SM 2540G				
Percent Solids (Dryweight)	92.6	%	0.1		1			7/22/2015 15:28	BH	

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ANALYTICAL RESULTS

Workorder: 1542549

Project ID: FPL Cutler

Lab ID:	**1542549011**	Date Received:	7/15/2015 16:40	Matrix:	Soil/Solid
Sample ID:	**CA-22NI-4**	Date Collected:	7/15/2015 09:22		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)						Analytical Method: SM 2540G				
Percent Solids (Dryweight)	94.2	%	0.1		1			7/22/2015 15:28	BH	

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ANALYTICAL RESULTS

Workorder: 1542549

Project ID: FPL Cutler

Lab ID:	**1542549012**	Date Received:	7/15/2015 16:40	Matrix:	Soil/Solid
Sample ID:	**CA-22NI-6**	Date Collected:	7/15/2015 09:23		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)						Analytical Method: SM 2540G				
Percent Solids (Dryweight)	89.0	%	0.1		1			7/22/2015 15:28	BH	

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ANALYTICAL RESULTS

Workorder: 1542549

Project ID: FPL Cutler

Lab ID: **1542549013** Date Received: 7/15/2015 16:40 Matrix: Soil/Solid

Sample ID: **CA-22SI-0.5** Date Collected: 7/15/2015 10:01

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: PAH List by 8270C SIM (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C SIM (S)					
1-Methylnaphthalene	U	mg/Kg	0.212	0.053	10	7/20/2015 16:11	BH	7/21/2015 23:27	BFM	
2-Methylnaphthalene	U	mg/Kg	0.212	0.053	10	7/20/2015 16:11	BH	7/21/2015 23:27	BFM	
Acenaphthene	0.081i	mg/Kg	0.106	0.026	10	7/20/2015 16:11	BH	7/21/2015 23:27	BFM	
Acenaphthylene	U	mg/Kg	0.106	0.026	10	7/20/2015 16:11	BH	7/21/2015 23:27	BFM	
Anthracene	0.361	mg/Kg	0.106	0.026	10	7/20/2015 16:11	BH	7/21/2015 23:27	BFM	
Benzo(a)anthracene	1.56	mg/Kg	0.064	0.016	10	7/20/2015 16:11	BH	7/21/2015 23:27	BFM	
Benzo(a)pyrene	2.03	mg/Kg	0.064	0.0097	10	7/20/2015 16:11	BH	7/21/2015 23:27	BFM	
Benzo(b)fluoranthene	3.43	mg/Kg	0.064	0.014	10	7/20/2015 16:11	BH	7/21/2015 23:27	BFM	
Benzo(g,h,i)perylene	1.73	mg/Kg	0.064	0.016	10	7/20/2015 16:11	BH	7/21/2015 23:27	BFM	
Benzo(k)fluoranthene	1.17	mg/Kg	0.064	0.016	10	7/20/2015 16:11	BH	7/21/2015 23:27	BFM	
Chrysene	2.42	mg/Kg	0.064	0.016	10	7/20/2015 16:11	BH	7/21/2015 23:27	BFM	
Dibenzo(a,h)anthracene	0.351	mg/Kg	0.064	0.0038	10	7/20/2015 16:11	BH	7/21/2015 23:27	BFM	
Fluoranthene	5.71	mg/Kg	0.106	0.026	10	7/20/2015 16:11	BH	7/21/2015 23:27	BFM	
Fluorene	0.070i	mg/Kg	0.106	0.026	10	7/20/2015 16:11	BH	7/21/2015 23:27	BFM	
Indeno(1,2,3-cd)pyrene	1.93	mg/Kg	0.064	0.016	10	7/20/2015 16:11	BH	7/21/2015 23:27	BFM	
Naphthalene	U	mg/Kg	0.212	0.053	10	7/20/2015 16:11	BH	7/21/2015 23:27	BFM	
Phenanthrene	2.44	mg/Kg	0.106	0.026	10	7/20/2015 16:11	BH	7/21/2015 23:27	BFM	
Pyrene	3.65	mg/Kg	0.106	0.026	10	7/20/2015 16:11	BH	7/21/2015 23:27	BFM	
Nitrobenzene-d5 (S)	43	%	20-120		10	7/20/2015 16:11	BH	7/21/2015 23:27	BFM	
2-Fluorobiphenyl (S)	52	%	30-115		10	7/20/2015 16:11	BH	7/21/2015 23:27	BFM	
p-Terphenyl-d14 (S)	46	%	15-140		10	7/20/2015 16:11	BH	7/21/2015 23:27	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	94.3	%	0.1		1			7/22/2015 15:28	BH	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Arsenic	8.5	mg/Kg	0.53	0.087	2	7/20/2015 08:52	ZS	7/20/2015 13:20	ZS	

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ANALYTICAL RESULTS

Workorder: 1542549

Project ID: FPL Cutler

Lab ID: **1542549014** Date Received: 7/15/2015 16:40 Matrix: Soil/Solid

Sample ID: **CA-22SI-2** Date Collected: 7/15/2015 10:02

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: PAH List by 8270C SIM (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C SIM (S)					
1-Methylnaphthalene	U	mg/Kg	0.207	0.052	10	7/20/2015 16:11	BH	7/21/2015 23:56	BFM	
2-Methylnaphthalene	U	mg/Kg	0.207	0.052	10	7/20/2015 16:11	BH	7/21/2015 23:56	BFM	
Acenaphthene	U	mg/Kg	0.104	0.026	10	7/20/2015 16:11	BH	7/21/2015 23:56	BFM	
Acenaphthylene	U	mg/Kg	0.104	0.026	10	7/20/2015 16:11	BH	7/21/2015 23:56	BFM	
Anthracene	U	mg/Kg	0.104	0.026	10	7/20/2015 16:11	BH	7/21/2015 23:56	BFM	
Benzo(a)anthracene	U	mg/Kg	0.062	0.016	10	7/20/2015 16:11	BH	7/21/2015 23:56	BFM	
Benzo(a)pyrene	0.024i	mg/Kg	0.062	0.0095	10	7/20/2015 16:11	BH	7/21/2015 23:56	BFM	
Benzo(b)fluoranthene	0.026i	mg/Kg	0.062	0.013	10	7/20/2015 16:11	BH	7/21/2015 23:56	BFM	
Benzo(g,h,i)perylene	0.048i	mg/Kg	0.062	0.016	10	7/20/2015 16:11	BH	7/21/2015 23:56	BFM	
Benzo(k)fluoranthene	U	mg/Kg	0.062	0.016	10	7/20/2015 16:11	BH	7/21/2015 23:56	BFM	
Chrysene	U	mg/Kg	0.062	0.016	10	7/20/2015 16:11	BH	7/21/2015 23:56	BFM	
Dibenzo(a,h)anthracene	0.013i	mg/Kg	0.062	0.0037	10	7/20/2015 16:11	BH	7/21/2015 23:56	BFM	
Fluoranthene	U	mg/Kg	0.104	0.026	10	7/20/2015 16:11	BH	7/21/2015 23:56	BFM	
Fluorene	U	mg/Kg	0.104	0.026	10	7/20/2015 16:11	BH	7/21/2015 23:56	BFM	
Indeno(1,2,3-cd)pyrene	0.042i	mg/Kg	0.062	0.016	10	7/20/2015 16:11	BH	7/21/2015 23:56	BFM	
Naphthalene	U	mg/Kg	0.207	0.052	10	7/20/2015 16:11	BH	7/21/2015 23:56	BFM	
Phenanthrene	U	mg/Kg	0.104	0.026	10	7/20/2015 16:11	BH	7/21/2015 23:56	BFM	
Pyrene	U	mg/Kg	0.104	0.026	10	7/20/2015 16:11	BH	7/21/2015 23:56	BFM	
Nitrobenzene-d5 (S)	49	%	20-120		10	7/20/2015 16:11	BH	7/21/2015 23:56	BFM	
2-Fluorobiphenyl (S)	62	%	30-115		10	7/20/2015 16:11	BH	7/21/2015 23:56	BFM	
p-Terphenyl-d14 (S)	54	%	15-140		10	7/20/2015 16:11	BH	7/21/2015 23:56	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	96.4	%	0.1		1			7/22/2015 15:28	BH	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Arsenic	3.7	mg/Kg	0.52	0.085	2	7/20/2015 08:52	ZS	7/20/2015 13:20	ZS	

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ANALYTICAL RESULTS

Workorder: 1542549

Project ID: FPL Cutler

Lab ID: **1542549015** Date Received: 7/15/2015 16:40 Matrix: Soil/Solid

Sample ID: **CA-22SI-4** Date Collected: 7/15/2015 10:03

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: PAH List by 8270C SIM (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C SIM (S)					
1-Methylnaphthalene	U	mg/Kg	0.217	0.054	10	7/20/2015 16:11	BH	7/22/2015 00:24	BFM	
2-Methylnaphthalene	U	mg/Kg	0.217	0.054	10	7/20/2015 16:11	BH	7/22/2015 00:24	BFM	
Acenaphthene	U	mg/Kg	0.108	0.027	10	7/20/2015 16:11	BH	7/22/2015 00:24	BFM	
Acenaphthylene	U	mg/Kg	0.108	0.027	10	7/20/2015 16:11	BH	7/22/2015 00:24	BFM	
Anthracene	U	mg/Kg	0.108	0.027	10	7/20/2015 16:11	BH	7/22/2015 00:24	BFM	
Benzo(a)anthracene	U	mg/Kg	0.065	0.016	10	7/20/2015 16:11	BH	7/22/2015 00:24	BFM	
Benzo(a)pyrene	U	mg/Kg	0.065	0.0100	10	7/20/2015 16:11	BH	7/22/2015 00:24	BFM	
Benzo(b)fluoranthene	U	mg/Kg	0.065	0.014	10	7/20/2015 16:11	BH	7/22/2015 00:24	BFM	
Benzo(g,h,i)perylene	U	mg/Kg	0.065	0.016	10	7/20/2015 16:11	BH	7/22/2015 00:24	BFM	
Benzo(k)fluoranthene	U	mg/Kg	0.065	0.016	10	7/20/2015 16:11	BH	7/22/2015 00:24	BFM	
Chrysene	U	mg/Kg	0.065	0.016	10	7/20/2015 16:11	BH	7/22/2015 00:24	BFM	
Dibenzo(a,h)anthracene	U	mg/Kg	0.065	0.0039	10	7/20/2015 16:11	BH	7/22/2015 00:24	BFM	
Fluoranthene	U	mg/Kg	0.108	0.027	10	7/20/2015 16:11	BH	7/22/2015 00:24	BFM	
Fluorene	U	mg/Kg	0.108	0.027	10	7/20/2015 16:11	BH	7/22/2015 00:24	BFM	
Indeno(1,2,3-cd)pyrene	U	mg/Kg	0.065	0.016	10	7/20/2015 16:11	BH	7/22/2015 00:24	BFM	
Naphthalene	U	mg/Kg	0.217	0.054	10	7/20/2015 16:11	BH	7/22/2015 00:24	BFM	
Phenanthrene	U	mg/Kg	0.108	0.027	10	7/20/2015 16:11	BH	7/22/2015 00:24	BFM	
Pyrene	U	mg/Kg	0.108	0.027	10	7/20/2015 16:11	BH	7/22/2015 00:24	BFM	
Nitrobenzene-d5 (S)	39	%	20-120		10	7/20/2015 16:11	BH	7/22/2015 00:24	BFM	
2-Fluorobiphenyl (S)	57	%	30-115		10	7/20/2015 16:11	BH	7/22/2015 00:24	BFM	
p-Terphenyl-d14 (S)	58	%	15-140		10	7/20/2015 16:11	BH	7/22/2015 00:24	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	92.3	%	0.1		1			7/22/2015 15:28	BH	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B					
					Analytical Method: EPA 6020					
Arsenic	0.74	mg/Kg	0.54	0.089	2	7/20/2015 08:52	ZS	7/20/2015 13:20	ZS	

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ANALYTICAL RESULTS QUALIFIERS

Workorder: 1542549

Project ID: FPL Cutler

PARAMETER QUALIFIERS

PROJECT COMMENTS

1542549	A reported value of U indicates that the compound was analyzed for but not detected above the MDL. A value flagged with an "i" flag indicates that the reported value is between the laboratory method detection limit and the practical quantitation limit.

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QUALITY CONTROL DATA

Workorder: 1542549

Project ID: FPL Cutler

QC Batch: MXX/6945 Analysis Method: EPA 6020

QC Batch Method: EPA 3050B

Associated Lab Samples: 1542518011, 1542526001, 1542526002, 1542526003, 1542527003, 1542549005, 1542549006, 1542549007, 1542549013, 1542549014, 1542549015, 1542558001, 1542558003, 1542558005, 1542558007, 1542558009, 1542558011, 1542558013

METHOD BLANK: 82900

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Arsenic	mg/Kg	U	0.041	

LABORATORY CONTROL SAMPLE & LCSD: 82901 82902

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Arsenic	mg/Kg	10	10	10	100	101	75-125	0	20	

MATRIX SPIKE SAMPLE: 82904 Original: 1542558001

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/Kg	1.7	20	21	94.4	75-125	

SAMPLE DUPLICATE: 82903 Original: 1542558001

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Arsenic	mg/Kg	1.7	2.5	11.1	20	

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QUALITY CONTROL DATA

Workorder: 1542549

Project ID: FPL Cutler

QC Batch: XXX/7950 Analysis Method: EPA 8310 List by 8270C SIM (S)

QC Batch Method: EPA 3545

Associated Lab Samples: 1542518011 1542549001 1542549005 1542549006 1542549007 1542549009 1542549013 1542549014 1542549015

METHOD BLANK: 82921

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Semivolatiles by EPA 8270C				
Nitrobenzene-d5 (S)	%	66	20-120	
2-Fluorobiphenyl (S)	%	84	30-115	
p-Terphenyl-d14 (S)	%	94	15-140	
Naphthalene	mg/Kg	U	0.050	
2-Methylnaphthalene	mg/Kg	U	0.050	
1-Methylnaphthalene	mg/Kg	U	0.050	
Acenaphthylene	mg/Kg	U	0.025	
Acenaphthene	mg/Kg	U	0.025	
Fluorene	mg/Kg	U	0.025	
Phenanthrene	mg/Kg	U	0.025	
Anthracene	mg/Kg	U	0.025	
Fluoranthene	mg/Kg	U	0.025	
Pyrene	mg/Kg	U	0.025	
Benzo(a)anthracene	mg/Kg	U	0.015	
Chrysene	mg/Kg	U	0.015	
Benzo(b)fluoranthene	mg/Kg	U	0.013	
Benzo(k)fluoranthene	mg/Kg	U	0.015	
Benzo(a)pyrene	mg/Kg	U	0.0092	
Dibenzo(a,h)anthracene	mg/Kg	U	0.0036	
Indeno(1,2,3-cd)pyrene	mg/Kg	U	0.015	
Benzo(g,h,i)perylene	mg/Kg	U	0.015	

LABORATORY CONTROL SAMPLE & LCSD: 82922 82923

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Semivolatiles by EPA 8270C										
Nitrobenzene-d5 (S)	%				70	60	20-120	15	40	
2-Fluorobiphenyl (S)	%				84	74	30-115	13	40	
p-Terphenyl-d14 (S)	%				82	73	15-140	11	40	
Naphthalene	mg/Kg	1.97	1.66	1.58	84	80	40-120	5	40	
2-Methylnaphthalene	mg/Kg	1.99	1.57	1.39	79	70	40-120	12	40	
1-Methylnaphthalene	mg/Kg	1.99	1.64	1.42	83	71	40-120	14	40	
Acenaphthylene	mg/Kg	2	1.68	1.53	84	77	40-120	9	40	
Acenaphthene	mg/Kg	2.01	1.59	1.46	79	73	35-120	9	40	

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QUALITY CONTROL DATA

Workorder: 1542549

Project ID: FPL Cutler

LABORATORY CONTROL SAMPLE & LCSD: 82922 82923

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Fluorene	mg/Kg	1.97	1.61	1.48	82	75	40-120	8	40	
Phenanthrene	mg/Kg	1.99	1.48	1.37	74	69	40-120	8	40	
Anthracene	mg/Kg	2	1.75	1.57	88	79	40-120	11	40	
Fluoranthene	mg/Kg	2.01	1.57	1.50	78	74	40-120	5	40	
Pyrene	mg/Kg	2	1.64	1.49	82	74	40-140	10	40	
Benzo(a)anthracene	mg/Kg	1.98	1.49	1.36	75	69	40-120	9	40	
Chrysene	mg/Kg	1.98	1.76	1.67	89	84	40-120	5	40	
Benzo(b)fluoranthene	mg/Kg	1.99	1.52	1.39	76	70	40-120	9	40	
Benzo(k)fluoranthene	mg/Kg	2	2.02	1.89	101	94	40-120	7	40	
Benzo(a)pyrene	mg/Kg	2	1.84	1.71	92	85	40-120	7	40	
Dibenzo(a,h)anthracene	mg/Kg	1.98	1.65	1.69	83	85	40-120	2	40	
Indeno(1,2,3-cd)pyrene	mg/Kg	2	1.41	1.44	71	72	40-120	2	40	
Benzo(g,h,i)perylene	mg/Kg	1.97	1.56	1.54	79	78	40-120	1	40	

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: 1542549

Project ID: FPL Cutler

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
1542549005	**CA-22SW-0.5**	EPA 3050B	MXX/6945	EPA 6020	MMS/6222
1542549006	**CA-22SW-2**	EPA 3050B	MXX/6945	EPA 6020	MMS/6222
1542549007	**CA-22SW-4**	EPA 3050B	MXX/6945	EPA 6020	MMS/6222
1542549013	**CA-22SI-0.5**	EPA 3050B	MXX/6945	EPA 6020	MMS/6222
1542549014	**CA-22SI-2**	EPA 3050B	MXX/6945	EPA 6020	MMS/6222
1542549015	**CA-22SI-4**	EPA 3050B	MXX/6945	EPA 6020	MMS/6222
1542549001	**CA-22NW-0.5**	EPA 3545	XXX/7950	EPA 8310 List by 8270C SIM (S)	XMS/4375
1542549005	**CA-22SW-0.5**	EPA 3545	XXX/7950	EPA 8310 List by 8270C SIM (S)	XMS/4375
1542549006	**CA-22SW-2**	EPA 3545	XXX/7950	EPA 8310 List by 8270C SIM (S)	XMS/4375
1542549007	**CA-22SW-4**	EPA 3545	XXX/7950	EPA 8310 List by 8270C SIM (S)	XMS/4375
1542549009	**CA-22NI-0.5**	EPA 3545	XXX/7950	EPA 8310 List by 8270C SIM (S)	XMS/4375
1542549013	**CA-22SI-0.5**	EPA 3545	XXX/7950	EPA 8310 List by 8270C SIM (S)	XMS/4375
1542549014	**CA-22SI-2**	EPA 3545	XXX/7950	EPA 8310 List by 8270C SIM (S)	XMS/4375
1542549015	**CA-22SI-4**	EPA 3545	XXX/7950	EPA 8310 List by 8270C SIM (S)	XMS/4375
1542549001	**CA-22NW-0.5**	SM 2540G	WGR/2489		
1542549002	**CA-22NW-2**	SM 2540G	WGR/2489		
1542549003	**CA-22NW-4**	SM 2540G	WGR/2489		
1542549004	**CA-22NW-6**	SM 2540G	WGR/2489		
1542549005	**CA-22SW-0.5**	SM 2540G	WGR/2489		
1542549006	**CA-22SW-2**	SM 2540G	WGR/2489		
1542549007	**CA-22SW-4**	SM 2540G	WGR/2489		
1542549008	**CA-22SW-6**	SM 2540G	WGR/2489		
1542549009	**CA-22NI-0.5**	SM 2540G	WGR/2489		
1542549010	**CA-22NI-2**	SM 2540G	WGR/2489		
1542549011	**CA-22NI-4**	SM 2540G	WGR/2489		
1542549012	**CA-22NI-6**	SM 2540G	WGR/2489		

FDOH# E86546

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: 1542549

Project ID: FPL Cutler

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
1542549013	**CA-22SI-0.5**	SM 2540G	WGR/2489		
1542549014	**CA-22SI-2**	SM 2540G	WGR/2489		
1542549015	**CA-22SI-4**	SM 2540G	WGR/2489		

FDOH# E86546

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J.E.L. Log # 1542549
P.O. # _____
Quote # _____

Company Name: TCG
Address: 5815 N. Andrews Way Suite B
City: Ft. Lauderdale State: FL Zip: 33309
Sampling Site Address: 18925 SW 67th Ave, Miami
Attn: Pete LaForce Email: on file
Project Name: FPL Cutler Project #:
Sampler Name/Signature: Pete LaForce

LAB ANALYSIS

Parameters — Pres Codes — Field Filtered (Y/N)

Requested Turnaround Time
Note: Rush requests subject to acceptance by the laboratory
___ Standard
___ Expedited
Due___/___/___

#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code*	# of Cont	Comments
1	CA-22NW-0.5	7/15/15	929	S	1	Hold
2	CA-22NW-2		930			
3	CA-22NW-4		931			
4	CA-22NW 6		932			
5	CA-22SW-0.5		915			
6	CA-22SW-2		916			
7	CA-22SW-4		917			
8	CA-22SW-6		918			
9	CA-22N1-0.5		920			
10	CA-22N1-2		921			

Matrix Codes*
S Soil/Solid Sediment; SW Surface Water; GW Ground Water; SL Sludge; WW Waste Water; O Other (Please Specify); DW Drinking Water

Pres Codes
A- none; I- Ice; B- HNO_3; O- Other; C- H_2SO_4; M- MeOH; D- NaOH; N- $Na_2S_2O_3$; E- HCl; Z- ZnAc

Relinquished by	Date	Time	Received by	Date	Time
[signature]	7/15	1300	[signature]	7/15/15	13:00
[signature]	7/15/15	15:30	[signature]	7/15/15	1530
[signature]	7/15/15	1640	DK	7/15/15	16:40

QA/QC level with report
None ___1___2___3___ See price guide for applicable fees

FDEP Dry Cleaning ☐ FDEP UST Pre-Approval ☐
SFWMD ☐ ADaPT ☐ DOT ☐

Temp Control: 4 °C

542549

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J.E.L. Log # 1542549
P.O. # _____
Quote # _____

Company Name: TCG
Address: Pg 1
City: State: Zip:
Sampling Site Address: See
Attn: Email:
Project Name: FPL CUTTER Project #:
Sampler Name/Signature: Pete LaFore

LAB ANALYSIS

Requested Turnaround Time
Note: Rush requests subject to acceptance by the laboratory
____ Standard
____ Expedited
Due___/___/___

#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code*	# of Cont	Pres Codes	Parameters	Field Filtered (Y/N)	Comments
1	CA-22N1-4	7/15/15	922	S	1		Hold		
2	CA-22N1-6		923						
3	CA-22N1-0.5		1001						
4	CA-22N1-2		1002						
5	CA-22S1-4		1003						
6	CA-22S1-6		1004						
7	CA-05W1-2		1015						
8	CA-05W1-0.5		1014						
9	CA-05W1-4		1016						
10	CA-05W1-6		1017						

Matrix Codes*
S Soil/Solid Sediment; SW Surface Water; GW Ground Water; SL Sludge; WW Waste Water; O Other (Please Specify); DW Drinking Water

Pres Codes
A- none; I- Ice; B- HNO_3; O- Other; C- H_2SO_4; M- MeOH; D- NaOH; N- $Na_2S_2O_3$; E- HCl; Z- ZnAc

Relinquished by	Date	Time	Received by	Date	Time
	7/15/15	1300		7/15/15	1300
	7/15/15	15:30		7/15/15	1530
	7/15/15	1640	DK	7/15/15	16:40

QA/QC level with report
None ___1___2___3___ See price guide for applicable fees

FDEP Dry Cleaning ☐ FDEP UST Pre-Approval ☐
SFWMD ☐ ADaPT ☐ DOT ☐

Temp Control: 4 °C

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J.E.L. Log # 1542549
P.O. # _____
Quote # _____

Company Name Page 1
Address
City State Zip
Sampling Site Address
Attn: Email
Project Name Project #
Sampler Name/Signature Pete LaFore

LAB ANALYSIS

Requested Turnaround Time
Note: Rush requests subject to acceptance by the laboratory
___ Standard
___ Expedited
Due___/___/___

#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code*	# of Cont	Parameters (Pres Codes)	Field Filtered (Y/N)	Comments
21	CA-05WI-8	7/15/15	1018	S	1	Hold		
22	CA05WI-10	7/15/15	1019	S	1	Hold		
23	CA-22WI-0.5		1025	S	1			
24	CA22WI-2		1026	S	1			
25	CA22WI-4		1027	S	1			
26	CA22WI-6		1028	S	1			
27								
28								
29								
30								

Matrix Codes*
S Soil/Solid Sediment; SW Surface Water; GW Ground Water; SL Sludge; WW Waste Water; O Other (Please Specify); DW Drinking Water

Pres Codes
A- none; I- Ice; B- HNO_3; O- Other; C- H_2SO_4; M- MeOH; D- NaOH; N- $Na_2S_2O_3$; E- HCl; Z- ZnAc

Relinquished by	Date	Time	Received by	Date	Time
	7/15/15	1300		7/15/15	13:00
	7/15/15	15:30		7/15/15	1530
	7/15/15	1640	DK	7/15/15	16:40

QA/QC level with report
None ___1___2___3___ See price guide for applicable fees

FDEP Dry Cleaning ☐ FDEP UST Pre-Approval ☐
SFWMD ☐ ADaPT ☐ DOT ☐

Temp Control: 4 °C

542549

Login Checklist

Cooler Unpacked/Checked by: DK Date: 7/15/15

JEL LOG#: 1542549

Cooler Check

Cooler ID	Cooler Temp (C)	# of Samples in Cooler	Evidence Tape				Method of Receipt		
			Present?		Intact?				
			Yes	No	Yes	No	Drop Off	Comm. Carrier	Pick Up
	4	26		✓					✓

Note: if the temperature of a cooler is above 6C or an evidence seal is damaged then identify the bottles in the affected cooler(s) on the sample discrepancy form.
*Write tracking number only if waybill copy cannot be placed in the folder

Condition of Containers:

Loose Caps: Yes_____ No ✓
If yes, fill out sample discrepancy form.

Broken Containers: Yes_____ No ✓
If yes, fill out sample discrepancy form.

Acid Preserved Samples: Are their pHs </=2 ?Yes_____ No_____ N/A ✓
If yes, pH strip lot #: HC547770
If no: Fill out sample discrepancy form
Check unpreserved containers with same Field ID
If acid is added: HCL Lot #: , HNO3 Lot #: , H2SO4 Lot #:

Base Preserved Samples: Are their pHs >/=12 or 9 ?Yes_____ No_____ N/A ✓
(Cyanide >/= 12; Sulfide >/=9)
If yes, pH strip lot #: HC547770
If no: Fill out sample discrepancy form
Check unpreserved containers with same Field ID
If base is added: NaOH Lot #:

Are all samples in cooler on COC?: Yes ✓ No_____
If no, fill out sample discrepancy form.

Are all samples on COC in cooler?: Yes ✓ No_____
If no, fill out sample discrepancy form.

N/A = not Applicable Temperature Gun ID #: TEMP-GUN-1

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August 20, 2015

Pete LaForge
Tierra Consulting Group, Inc.
5815 N. Andrews Way
Suite B
Fort Lauderdale, FL 33309

RE:	LOG#	1542877
	Project ID:	FPL-Cutler
	COC#	542877

Dear Pete LaForge:

Enclosed are the analytical results for sample(s) received by the laboratory on Monday, August 17, 2015. Results reported herein conform to the most current NELAC standards, where applicable, unless indicated by * in the body of the report. The enclosed Chain of Custody is a component of this package and should be retained with the package and incorporated therein.

Results for all solid matrices are reported in dry weight unless otherwise noted. Results for all liquid matrices are reported as received in the laboratory unless otherwise noted. Results relate only to the samples received. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

Samples are disposed of after 30 days of their receipt by the laboratory unless extended storage is requested in writing. The laboratory maintains the right to charge storage fees for archived samples. This report will be archived for 5 years after which time it will be destroyed without further notice, unless prior arrangements have been made.

Certain analyses are subcontracted to outside NELAC certified laboratories, please see the Project Summary section of this report for NELAC certification numbers of laboratories used. A Statement of Qualifiers is available upon request.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kacia Baldwin

Kacia Baldwin for
Edward Dabrea
edabrea@jupiterlabs.com

FDOH# E86546

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SAMPLE ANALYTE COUNT

Workorder: 1542877

Project ID: FPL-Cutler

Lab ID	Sample ID	Method	Analytes Reported
1542877001	CA-22S1W-0.5	EPA 8310 List by 8270C SIM (S)	21
		SM 2540G	1
1542877002	CA-22S2-0.5	EPA 8310 List by 8270C SIM (S)	21
		SM 2540G	1

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SAMPLE SUMMARY

Workorder: 1542877

Project ID: FPL-Cutler

Lab ID	Sample ID	Matrix	Date Collected	Date Received
1542877001	CA-22S1W-0.5	Soil/Solid	8/17/2015 10:35	8/17/2015 16:00
1542877002	CA-22S2-0.5	Soil/Solid	8/17/2015 10:40	8/17/2015 16:00

FDOH# E86546

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ANALYTICAL RESULTS

Workorder: 1542877

Project ID: FPL-Cutler

Lab ID:	**1542877001**	Date Received:	8/17/2015 16:00	Matrix:	Soil/Solid
Sample ID:	**CA-22S1W-0.5**	Date Collected:	8/17/2015 10:35		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: PAH List by 8270C SIM (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C SIM (S)					
1-Methylnaphthalene	U	mg/Kg	0.801	0.200	20	8/18/2015 09:46	BH	8/18/2015 17:00	BFM	
2-Methylnaphthalene	U	mg/Kg	0.801	0.200	20	8/18/2015 09:46	BH	8/18/2015 17:00	BFM	
Acenaphthene	U	mg/Kg	0.401	0.100	20	8/18/2015 09:46	BH	8/18/2015 17:00	BFM	
Acenaphthylene	U	mg/Kg	0.401	0.100	20	8/18/2015 09:46	BH	8/18/2015 17:00	BFM	
Anthracene	U	mg/Kg	0.401	0.100	20	8/18/2015 09:46	BH	8/18/2015 17:00	BFM	
Benzo(a)anthracene	0.198i	mg/Kg	0.240	0.060	20	8/18/2015 09:46	BH	8/18/2015 17:00	BFM	
Benzo(a)pyrene	0.329	mg/Kg	0.240	0.037	20	8/18/2015 09:46	BH	8/18/2015 17:00	BFM	
Benzo(b)fluoranthene	0.560	mg/Kg	0.240	0.052	20	8/18/2015 09:46	BH	8/18/2015 17:00	BFM	
Benzo(g,h,i)perylene	0.361	mg/Kg	0.240	0.060	20	8/18/2015 09:46	BH	8/18/2015 17:00	BFM	
Benzo(k)fluoranthene	0.288	mg/Kg	0.240	0.060	20	8/18/2015 09:46	BH	8/18/2015 17:00	BFM	
Chrysene	0.414	mg/Kg	0.240	0.060	20	8/18/2015 09:46	BH	8/18/2015 17:00	BFM	
Dibenzo(a,h)anthracene	U	mg/Kg	0.240	0.014	20	8/18/2015 09:46	BH	8/18/2015 17:00	BFM	
Fluoranthene	0.592	mg/Kg	0.401	0.100	20	8/18/2015 09:46	BH	8/18/2015 17:00	BFM	
Fluorene	U	mg/Kg	0.401	0.100	20	8/18/2015 09:46	BH	8/18/2015 17:00	BFM	
Indeno(1,2,3-cd)pyrene	0.358	mg/Kg	0.240	0.060	20	8/18/2015 09:46	BH	8/18/2015 17:00	BFM	
Naphthalene	U	mg/Kg	0.801	0.200	20	8/18/2015 09:46	BH	8/18/2015 17:00	BFM	
Phenanthrene	0.160i	mg/Kg	0.401	0.100	20	8/18/2015 09:46	BH	8/18/2015 17:00	BFM	
Pyrene	0.530	mg/Kg	0.401	0.100	20	8/18/2015 09:46	BH	8/18/2015 17:00	BFM	
Nitrobenzene-d5 (S)	94	%	20-120		20	8/18/2015 09:46	BH	8/18/2015 17:00	BFM	
2-Fluorobiphenyl (S)	99	%	30-115		20	8/18/2015 09:46	BH	8/18/2015 17:00	BFM	
p-Terphenyl-d14 (S)	96	%	15-140		20	8/18/2015 09:46	BH	8/18/2015 17:00	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	72.2	%	0.1		1			8/19/2015 16:37	BH	

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ANALYTICAL RESULTS

Workorder: 1542877
Project ID: FPL-Cutler

Lab ID: **1542877002** Date Received: 8/17/2015 16:00 Matrix: Soil/Solid
Sample ID: **CA-22S2-0.5** Date Collected: 8/17/2015 10:40

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: PAH List by 8270C SIM (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C SIM (S)					
1-Methylnaphthalene	U	mg/Kg	0.695	0.174	20	8/18/2015 09:46	BH	8/18/2015 17:28	BFM	
2-Methylnaphthalene	U	mg/Kg	0.695	0.174	20	8/18/2015 09:46	BH	8/18/2015 17:28	BFM	
Acenaphthene	U	mg/Kg	0.348	0.087	20	8/18/2015 09:46	BH	8/18/2015 17:28	BFM	
Acenaphthylene	U	mg/Kg	0.348	0.087	20	8/18/2015 09:46	BH	8/18/2015 17:28	BFM	
Anthracene	U	mg/Kg	0.348	0.087	20	8/18/2015 09:46	BH	8/18/2015 17:28	BFM	
Benzo(a)anthracene	1.85	mg/Kg	0.209	0.052	20	8/18/2015 09:46	BH	8/18/2015 17:28	BFM	
Benzo(a)pyrene	3.80	mg/Kg	0.209	0.032	20	8/18/2015 09:46	BH	8/18/2015 17:28	BFM	
Benzo(b)fluoranthene	6.82	mg/Kg	0.209	0.045	20	8/18/2015 09:46	BH	8/18/2015 17:28	BFM	
Benzo(g,h,i)perylene	3.88	mg/Kg	0.209	0.052	20	8/18/2015 09:46	BH	8/18/2015 17:28	BFM	
Benzo(k)fluoranthene	2.71	mg/Kg	0.209	0.052	20	8/18/2015 09:46	BH	8/18/2015 17:28	BFM	
Chrysene	4.57	mg/Kg	0.209	0.052	20	8/18/2015 09:46	BH	8/18/2015 17:28	BFM	
Dibenzo(a,h)anthracene	0.689	mg/Kg	0.209	0.013	20	8/18/2015 09:46	BH	8/18/2015 17:28	BFM	
Fluoranthene	8.23	mg/Kg	0.348	0.087	20	8/18/2015 09:46	BH	8/18/2015 17:28	BFM	
Fluorene	U	mg/Kg	0.348	0.087	20	8/18/2015 09:46	BH	8/18/2015 17:28	BFM	
Indeno(1,2,3-cd)pyrene	4.09	mg/Kg	0.209	0.052	20	8/18/2015 09:46	BH	8/18/2015 17:28	BFM	
Naphthalene	U	mg/Kg	0.695	0.174	20	8/18/2015 09:46	BH	8/18/2015 17:28	BFM	
Phenanthrene	3.02	mg/Kg	0.348	0.087	20	8/18/2015 09:46	BH	8/18/2015 17:28	BFM	
Pyrene	6.33	mg/Kg	0.348	0.087	20	8/18/2015 09:46	BH	8/18/2015 17:28	BFM	
Nitrobenzene-d5 (S)	82	%	20-120		20	8/18/2015 09:46	BH	8/18/2015 17:28	BFM	
2-Fluorobiphenyl (S)	91	%	30-115		20	8/18/2015 09:46	BH	8/18/2015 17:28	BFM	
p-Terphenyl-d14 (S)	81	%	15-140		20	8/18/2015 09:46	BH	8/18/2015 17:28	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	82.1	%	0.1		1			8/19/2015 16:37	BH	

FDOH# E86546

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ANALYTICAL RESULTS QUALIFIERS

Workorder: 1542877

Project ID: FPL-Cutler

PARAMETER QUALIFIERS

PROJECT COMMENTS

1542877	A reported value of U indicates that the compound was analyzed for but not detected above the MDL. A value flagged with an "i" flag indicates that the reported value is between the laboratory method detection limit and the practical quantitation limit. RR1|Revised Report, Revision #1 (see date below)

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QUALITY CONTROL DATA

Workorder: 1542877

Project ID: FPL-Cutler

QC Batch: XXX/8020 Analysis Method: EPA 8310 List by 8270C SIM (S)

QC Batch Method: EPA 3545

Associated Lab Samples: 1542877001 1542877002

METHOD BLANK: 84034

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Semivolatiles by EPA 8270C				
Nitrobenzene-d5 (S)	%	68	20-120	
2-Fluorobiphenyl (S)	%	96	30-115	
p-Terphenyl-d14 (S)	%	105	15-140	
Naphthalene	mg/Kg	U	0.100	
2-Methylnaphthalene	mg/Kg	U	0.100	
1-Methylnaphthalene	mg/Kg	U	0.100	
Acenaphthylene	mg/Kg	U	0.050	
Acenaphthene	mg/Kg	U	0.050	
Fluorene	mg/Kg	U	0.050	
Phenanthrene	mg/Kg	U	0.050	
Anthracene	mg/Kg	U	0.050	
Fluoranthene	mg/Kg	U	0.050	
Pyrene	mg/Kg	U	0.050	
Benzo(a)anthracene	mg/Kg	U	0.030	
Chrysene	mg/Kg	U	0.030	
Benzo(b)fluoranthene	mg/Kg	U	0.026	
Benzo(k)fluoranthene	mg/Kg	U	0.030	
Benzo(a)pyrene	mg/Kg	U	0.018	
Dibenzo(a,h)anthracene	mg/Kg	U	0.0072	
Indeno(1,2,3-cd)pyrene	mg/Kg	U	0.030	
Benzo(g,h,i)perylene	mg/Kg	U	0.030	

LABORATORY CONTROL SAMPLE & LCSD: 84036 84037

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Semivolatiles by EPA 8270C										
Nitrobenzene-d5 (S)	%				81	82	20-120	0.6	40	
2-Fluorobiphenyl (S)	%				92	95	30-115	4	40	
p-Terphenyl-d14 (S)	%				86	89	15-140	3	40	
Naphthalene	mg/Kg	1.97	1.77	1.79	90	91	40-120	1	40	
2-Methylnaphthalene	mg/Kg	1.99	1.86	1.85	94	93	40-120	0.5	40	
1-Methylnaphthalene	mg/Kg	1.99	1.90	1.96	95	99	40-120	3	40	
Acenaphthylene	mg/Kg	2	1.79	1.79	89	90	40-120	0	40	
Acenaphthene	mg/Kg	2.01	1.74	1.75	87	87	35-120	0.6	40	
Fluorene	mg/Kg	1.97	1.58	1.62	80	82	40-120	3	40	

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QUALITY CONTROL DATA

Workorder: 1542877

Project ID: FPL-Cutler

LABORATORY CONTROL SAMPLE & LCSD: 84036 84037

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Phenanthrene	mg/Kg	1.99	1.60	1.60	80	80	40-120	0	40	
Anthracene	mg/Kg	2	1.87	1.89	93	94	40-120	1	40	
Fluoranthene	mg/Kg	2.01	1.55	1.55	77	77	40-120	0	40	
Pyrene	mg/Kg	2	1.89	1.92	95	96	40-140	2	40	
Benzo(a)anthracene	mg/Kg	1.98	1.49	1.47	75	74	40-120	1	40	
Chrysene	mg/Kg	1.98	2.02	2.04	102	103	40-120	1	40	
Benzo(b)fluoranthene	mg/Kg	1.99	1.92	1.91	96	96	40-120	0.5	40	
Benzo(k)fluoranthene	mg/Kg	2	2.37	2.30	118	115	40-120	3	40	
Benzo(a)pyrene	mg/Kg	2	2.27	2.24	114	112	40-120	1	40	
Dibenzo(a,h)anthracene	mg/Kg	1.98	2.00	2.11	101	106	40-120	5	40	
Indeno(1,2,3-cd)pyrene	mg/Kg	2	1.92	1.88	96	94	40-120	2	40	
Benzo(g,h,i)perylene	mg/Kg	1.97	2.27	2.22	115	112	40-120	2	40	

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: 1542877

Project ID: FPL-Cutler

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
1542877001	**CA-22S1W-0.5**	SM 2540G	WGR/2520		
1542877002	**CA-22S2-0.5**	SM 2540G	WGR/2520		
1542877001	**CA-22S1W-0.5**	EPA 3545	XXX/8020	EPA 8310 List by 8270C SIM (S)	XMS/4398
1542877002	**CA-22S2-0.5**	EPA 3545	XXX/8020	EPA 8310 List by 8270C SIM (S)	XMS/4398

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J.E.L. Log # 1512877
P.O. # _____
Quote # _____

Company Name: TCG
Address: 5815 N. Andrews Way Suite B
City: Ft Lauderdale State: FL Zip: 33309
Sampling Site Address: 14925 SW 67th Ave Miami
Attn: Pete LaForge Email: on file
Project Name: TPL-Cutler Project #
Sampler Name/Signature: Pete LaForge

LAB ANALYSIS

Requested Turnaround Time
Note: Rush requests subject to acceptance by the laboratory
___ Standard
X Expedited
Due 8/19/15
2 DAY T.A.T.

#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code*	# of Cont	Parameters: PAHs	Field Filtered (Y/N)	Comments
1	CA-2251W-0.5	8/17/15	1035	S	1	X		
2	CA-2252-0.5	8/17/15	1040	S	1	X		
3								
4								
5								
6								
7								
8								
9								
0								

RUSH

Pres Codes

Matrix Codes*				Pres Codes	
S	Soil/Solid Sediment	SW	Surface Water	A- none	I- Ice
GW	Ground Water	SL	Sludge	B- HNO_3	O- Other
WW	Waste Water	O	Other (Please Specify)	C- H_2SO_4	M- MeOH
DW	Drinking Water			D- NaOH	N- $Na_2S_2O_3$
				E- HCl	Z- ZnAc

Relinquished by	Date	Time	Received by	Date	Time
	8/17/15	1405		8/17/15	1405
	8/17/15	15:00		8/17/15	15:00
	8/17/15	16:00	TG	8/17/15	16:00

QA/QC level with report
None ___1___2___3___ See price guide for applicable fees

FDEP Dry Cleaning ☐ FDEP UST Pre-Approval ☐
SFWMD ☐ ADaPT ☐ DOT ☐

Temp Control: 4 °C

Page 1 of 1

1512877

Login Checklist

Cooler Unpacked/Checked by: TG Date: 8/17/15

JEL LOG#: 1512877

Cooler Check

Cooler ID	Cooler Temp (C)	# of Samples in Cooler	Evidence Tape				Method of Receipt		
			Present?		Intact?				
			Yes	No	Yes	No	Drop Off	Comm. Carrier	Pick Up
	4	2		✓					✓

Note: if the temperature of a cooler is above 6C or an evidence seal is damaged then identify the bottles in the affected cooler(s) on the sample discrepancy form.
*Write tracking number only if waybill copy cannot be placed in the folder

Condition of Containers:

Loose Caps: Yes_____ No ✓
If yes, fill out sample discrepancy form.

Broken Containers: Yes_____ No ✓
If yes, fill out sample discrepancy form.

Acid Preserved Samples: Are their pHs <=2 ?Yes_____ No_____ N/A ✓
If yes, pH strip lot #:HC547770
If no: Fill out sample discrepancy form
Check unpreserved containers with same Field ID
If acid is added: HCL Lot #: , HNO3 Lot #: , H2SO4 Lot #:

Base Preserved Samples: Are their pHs >/=12 or 9 ?Yes_____ No_____ N/A ✓
(Cyanide >/= 12; Sulfide >/=9)
If yes, pH strip lot #: HC554612
If no: Fill out sample discrepancy form
Check unpreserved containers with same Field ID
If base is added: NaOH Lot #:

Are all samples in cooler on COC?: Yes_____ No ✓
If no, fill out sample discrepancy form.

Are all samples on COC in cooler?: Yes_____ No ✓
If no, fill out sample discrepancy form.

N/A = not Applicable Temperature Gun ID #: TEMP-GUN-1

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August 21, 2015

Pete LaForge
Tierra Consulting Group, Inc.
5815 N. Andrews Way
Suite B
Fort Lauderdale, FL 33309

RE:	LOG#	1542880
	Project ID:	FPL-Cutler
	COC#	542880

Dear Pete LaForge:

Enclosed are the analytical results for sample(s) received by the laboratory on Monday, August 17, 2015. Results reported herein conform to the most current NELAC standards, where applicable, unless indicated by * in the body of the report. The enclosed Chain of Custody is a component of this package and should be retained with the package and incorporated therein.

Results for all solid matrices are reported in dry weight unless otherwise noted. Results for all liquid matrices are reported as received in the laboratory unless otherwise noted. Results relate only to the samples received. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

Samples are disposed of after 30 days of their receipt by the laboratory unless extended storage is requested in writing. The laboratory maintains the right to charge storage fees for archived samples. This report will be archived for 5 years after which time it will be destroyed without further notice, unless prior arrangements have been made.

Certain analyses are subcontracted to outside NELAC certified laboratories, please see the Project Summary section of this report for NELAC certification numbers of laboratories used. A Statement of Qualifiers is available upon request.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Melissa Mills for
Edward Dabrea
edabrea@jupiterlabs.com

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SAMPLE ANALYTE COUNT

Workorder: 1542880

Project ID: FPL-Cutler

Lab ID	Sample ID	Method	Analytes Reported
1542880001	CA-22S-2	EPA 8310 List by 8270C SIM (S)	21
		SM 2540G	1
1542880002	CA-22S1W-2	EPA 8310 List by 8270C SIM (S)	21
		SM 2540G	1
1542880003	CA-22S2W-0.5	EPA 8310 List by 8270C SIM (S)	21
		SM 2540G	1
1542880004	CA-22S2W-02	EPA 8310 List by 8270C SIM (S)	21
		SM 2540G	1
1542880005	CA-22S1W2-0.5	EPA 8310 List by 8270C SIM (S)	21
		SM 2540G	1
1542880006	CA-22S1W2-2	EPA 8310 List by 8270C SIM (S)	21
		SM 2540G	1

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SAMPLE SUMMARY

Workorder: 1542880

Project ID: FPL-Cutler

Lab ID	Sample ID	Matrix	Date Collected	Date Received
1542880001	CA-22S-2	Soil/Solid	8/17/2015 10:42	8/17/2015 16:00
1542880002	CA-22S1W-2	Soil/Solid	8/17/2015 10:37	8/17/2015 16:00
1542880003	CA-22S2W-0.5	Soil/Solid	8/17/2015 10:50	8/17/2015 16:00
1542880004	CA-22S2W-02	Soil/Solid	8/17/2015 10:52	8/17/2015 16:00
1542880005	CA-22S1W2-0.5	Soil/Solid	8/17/2015 11:00	8/17/2015 16:00
1542880006	CA-22S1W2-2	Soil/Solid	8/17/2015 11:03	8/17/2015 16:00

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ANALYTICAL RESULTS

Workorder: 1542880
Project ID: FPL-Cutler

Lab ID: **1542880001** Date Received: 8/17/2015 16:00 Matrix: Soil/Solid
Sample ID: **CA-22S-2** Date Collected: 8/17/2015 10:42

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: PAH List by 8270C SIM (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C SIM (S)					
1-Methylnaphthalene	U	mg/Kg	0.610	0.153	20	8/20/2015 10:06	BH	8/20/2015 20:10	BFM	
2-Methylnaphthalene	U	mg/Kg	0.610	0.153	20	8/20/2015 10:06	BH	8/20/2015 20:10	BFM	
Acenaphthene	U	mg/Kg	0.305	0.076	20	8/20/2015 10:06	BH	8/20/2015 20:10	BFM	
Acenaphthylene	U	mg/Kg	0.305	0.076	20	8/20/2015 10:06	BH	8/20/2015 20:10	BFM	
Anthracene	U	mg/Kg	0.305	0.076	20	8/20/2015 10:06	BH	8/20/2015 20:10	BFM	
Benzo(a)anthracene	0.732	mg/Kg	0.183	0.046	20	8/20/2015 10:06	BH	8/20/2015 20:10	BFM	
Benzo(a)pyrene	1.87	mg/Kg	0.183	0.028	20	8/20/2015 10:06	BH	8/20/2015 20:10	BFM	
Benzo(b)fluoranthene	3.62	mg/Kg	0.183	0.040	20	8/20/2015 10:06	BH	8/20/2015 20:10	BFM	
Benzo(g,h,i)perylene	2.25	mg/Kg	0.183	0.046	20	8/20/2015 10:06	BH	8/20/2015 20:10	BFM	
Benzo(k)fluoranthene	1.80	mg/Kg	0.183	0.046	20	8/20/2015 10:06	BH	8/20/2015 20:10	BFM	
Chrysene	2.44	mg/Kg	0.183	0.046	20	8/20/2015 10:06	BH	8/20/2015 20:10	BFM	
Dibenzo(a,h)anthracene	0.360	mg/Kg	0.183	0.011	20	8/20/2015 10:06	BH	8/20/2015 20:10	BFM	
Fluoranthene	4.10	mg/Kg	0.305	0.076	20	8/20/2015 10:06	BH	8/20/2015 20:10	BFM	
Fluorene	U	mg/Kg	0.305	0.076	20	8/20/2015 10:06	BH	8/20/2015 20:10	BFM	
Indeno(1,2,3-cd)pyrene	2.10	mg/Kg	0.183	0.046	20	8/20/2015 10:06	BH	8/20/2015 20:10	BFM	
Naphthalene	U	mg/Kg	0.610	0.153	20	8/20/2015 10:06	BH	8/20/2015 20:10	BFM	
Phenanthrene	1.50	mg/Kg	0.305	0.076	20	8/20/2015 10:06	BH	8/20/2015 20:10	BFM	
Pyrene	3.16	mg/Kg	0.305	0.076	20	8/20/2015 10:06	BH	8/20/2015 20:10	BFM	
Nitrobenzene-d5 (S)	63	%	20-120		20	8/20/2015 10:06	BH	8/20/2015 20:10	BFM	
2-Fluorobiphenyl (S)	83	%	30-115		20	8/20/2015 10:06	BH	8/20/2015 20:10	BFM	
p-Terphenyl-d14 (S)	79	%	15-140		20	8/20/2015 10:06	BH	8/20/2015 20:10	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	87.3	%	0.1		1			8/20/2015 14:03	BH	

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ANALYTICAL RESULTS

Workorder: 1542880
Project ID: FPL-Cutler

Lab ID: **1542880002** Date Received: 8/17/2015 16:00 Matrix: Soil/Solid
Sample ID: **CA-22S1W-2** Date Collected: 8/17/2015 10:37

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: PAH List by 8270C SIM (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C SIM (S)					
1-Methylnaphthalene	U	mg/Kg	0.429	0.107	20	8/20/2015 10:06	BH	8/20/2015 17:20	BFM	
2-Methylnaphthalene	U	mg/Kg	0.429	0.107	20	8/20/2015 10:06	BH	8/20/2015 17:20	BFM	
Acenaphthene	U	mg/Kg	0.215	0.054	20	8/20/2015 10:06	BH	8/20/2015 17:20	BFM	
Acenaphthylene	U	mg/Kg	0.215	0.054	20	8/20/2015 10:06	BH	8/20/2015 17:20	BFM	
Anthracene	U	mg/Kg	0.215	0.054	20	8/20/2015 10:06	BH	8/20/2015 17:20	BFM	
Benzo(a)anthracene	U	mg/Kg	0.129	0.032	20	8/20/2015 10:06	BH	8/20/2015 17:20	BFM	
Benzo(a)pyrene	U	mg/Kg	0.129	0.020	20	8/20/2015 10:06	BH	8/20/2015 17:20	BFM	
Benzo(b)fluoranthene	U	mg/Kg	0.129	0.028	20	8/20/2015 10:06	BH	8/20/2015 17:20	BFM	
Benzo(g,h,i)perylene	U	mg/Kg	0.129	0.032	20	8/20/2015 10:06	BH	8/20/2015 17:20	BFM	
Benzo(k)fluoranthene	U	mg/Kg	0.129	0.032	20	8/20/2015 10:06	BH	8/20/2015 17:20	BFM	
Chrysene	U	mg/Kg	0.129	0.032	20	8/20/2015 10:06	BH	8/20/2015 17:20	BFM	
Dibenzo(a,h)anthracene	U	mg/Kg	0.129	0.0077	20	8/20/2015 10:06	BH	8/20/2015 17:20	BFM	
Fluoranthene	U	mg/Kg	0.215	0.054	20	8/20/2015 10:06	BH	8/20/2015 17:20	BFM	
Fluorene	U	mg/Kg	0.215	0.054	20	8/20/2015 10:06	BH	8/20/2015 17:20	BFM	
Indeno(1,2,3-cd)pyrene	U	mg/Kg	0.129	0.032	20	8/20/2015 10:06	BH	8/20/2015 17:20	BFM	
Naphthalene	U	mg/Kg	0.429	0.107	20	8/20/2015 10:06	BH	8/20/2015 17:20	BFM	
Phenanthrene	U	mg/Kg	0.215	0.054	20	8/20/2015 10:06	BH	8/20/2015 17:20	BFM	
Pyrene	U	mg/Kg	0.215	0.054	20	8/20/2015 10:06	BH	8/20/2015 17:20	BFM	
Nitrobenzene-d5 (S)	50	%	20-120		20	8/20/2015 10:06	BH	8/20/2015 17:20	BFM	
2-Fluorobiphenyl (S)	88	%	30-115		20	8/20/2015 10:06	BH	8/20/2015 17:20	BFM	
p-Terphenyl-d14 (S)	104	%	15-140		20	8/20/2015 10:06	BH	8/20/2015 17:20	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	92.8	%	0.1		1			8/20/2015 14:03	BH	

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ANALYTICAL RESULTS

Workorder: 1542880

Project ID: FPL-Cutler

Lab ID: **1542880003** Date Received: 8/17/2015 16:00 Matrix: Soil/Solid

Sample ID: **CA-22S2W-0.5** Date Collected: 8/17/2015 10:50

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: PAH List by 8270C SIM (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C SIM (S)					
1-Methylnaphthalene	U	mg/Kg	0.823	0.206	20	8/20/2015 10:06	BH	8/20/2015 17:49	BFM	
2-Methylnaphthalene	U	mg/Kg	0.823	0.206	20	8/20/2015 10:06	BH	8/20/2015 17:49	BFM	
Acenaphthene	U	mg/Kg	0.412	0.103	20	8/20/2015 10:06	BH	8/20/2015 17:49	BFM	
Acenaphthylene	U	mg/Kg	0.412	0.103	20	8/20/2015 10:06	BH	8/20/2015 17:49	BFM	
Anthracene	U	mg/Kg	0.412	0.103	20	8/20/2015 10:06	BH	8/20/2015 17:49	BFM	
Benzo(a)anthracene	U	mg/Kg	0.247	0.062	20	8/20/2015 10:06	BH	8/20/2015 17:49	BFM	
Benzo(a)pyrene	U	mg/Kg	0.247	0.038	20	8/20/2015 10:06	BH	8/20/2015 17:49	BFM	
Benzo(b)fluoranthene	0.106i	mg/Kg	0.247	0.054	20	8/20/2015 10:06	BH	8/20/2015 17:49	BFM	
Benzo(g,h,i)perylene	U	mg/Kg	0.247	0.062	20	8/20/2015 10:06	BH	8/20/2015 17:49	BFM	
Benzo(k)fluoranthene	U	mg/Kg	0.247	0.062	20	8/20/2015 10:06	BH	8/20/2015 17:49	BFM	
Chrysene	0.086i	mg/Kg	0.247	0.062	20	8/20/2015 10:06	BH	8/20/2015 17:49	BFM	
Dibenzo(a,h)anthracene	U	mg/Kg	0.247	0.015	20	8/20/2015 10:06	BH	8/20/2015 17:49	BFM	
Fluoranthene	U	mg/Kg	0.412	0.103	20	8/20/2015 10:06	BH	8/20/2015 17:49	BFM	
Fluorene	U	mg/Kg	0.412	0.103	20	8/20/2015 10:06	BH	8/20/2015 17:49	BFM	
Indeno(1,2,3-cd)pyrene	U	mg/Kg	0.247	0.062	20	8/20/2015 10:06	BH	8/20/2015 17:49	BFM	
Naphthalene	U	mg/Kg	0.823	0.206	20	8/20/2015 10:06	BH	8/20/2015 17:49	BFM	
Phenanthrene	U	mg/Kg	0.412	0.103	20	8/20/2015 10:06	BH	8/20/2015 17:49	BFM	
Pyrene	U	mg/Kg	0.412	0.103	20	8/20/2015 10:06	BH	8/20/2015 17:49	BFM	
Nitrobenzene-d5 (S)	52	%	20-120		20	8/20/2015 10:06	BH	8/20/2015 17:49	BFM	
2-Fluorobiphenyl (S)	80	%	30-115		20	8/20/2015 10:06	BH	8/20/2015 17:49	BFM	
p-Terphenyl-d14 (S)	96	%	15-140		20	8/20/2015 10:06	BH	8/20/2015 17:49	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	64.3	%	0.1		1			8/20/2015 14:03	BH	

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ANALYTICAL RESULTS

Workorder: 1542880
Project ID: FPL-Cutler

Lab ID: **1542880004** Date Received: 8/17/2015 16:00 Matrix: Soil/Solid
Sample ID: **CA-22S2W-02** Date Collected: 8/17/2015 10:52

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: PAH List by 8270C SIM (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C SIM (S)					
1-Methylnaphthalene	U	mg/Kg	0.782	0.195	20	8/20/2015 10:06	BH	8/20/2015 18:17	BFM	
2-Methylnaphthalene	U	mg/Kg	0.782	0.195	20	8/20/2015 10:06	BH	8/20/2015 18:17	BFM	
Acenaphthene	U	mg/Kg	0.391	0.098	20	8/20/2015 10:06	BH	8/20/2015 18:17	BFM	
Acenaphthylene	U	mg/Kg	0.391	0.098	20	8/20/2015 10:06	BH	8/20/2015 18:17	BFM	
Anthracene	U	mg/Kg	0.391	0.098	20	8/20/2015 10:06	BH	8/20/2015 18:17	BFM	
Benzo(a)anthracene	U	mg/Kg	0.234	0.059	20	8/20/2015 10:06	BH	8/20/2015 18:17	BFM	
Benzo(a)pyrene	U	mg/Kg	0.234	0.036	20	8/20/2015 10:06	BH	8/20/2015 18:17	BFM	
Benzo(b)fluoranthene	U	mg/Kg	0.234	0.051	20	8/20/2015 10:06	BH	8/20/2015 18:17	BFM	
Benzo(g,h,i)perylene	U	mg/Kg	0.234	0.059	20	8/20/2015 10:06	BH	8/20/2015 18:17	BFM	
Benzo(k)fluoranthene	U	mg/Kg	0.234	0.059	20	8/20/2015 10:06	BH	8/20/2015 18:17	BFM	
Chrysene	U	mg/Kg	0.234	0.059	20	8/20/2015 10:06	BH	8/20/2015 18:17	BFM	
Dibenzo(a,h)anthracene	U	mg/Kg	0.234	0.014	20	8/20/2015 10:06	BH	8/20/2015 18:17	BFM	
Fluoranthene	U	mg/Kg	0.391	0.098	20	8/20/2015 10:06	BH	8/20/2015 18:17	BFM	
Fluorene	U	mg/Kg	0.391	0.098	20	8/20/2015 10:06	BH	8/20/2015 18:17	BFM	
Indeno(1,2,3-cd)pyrene	U	mg/Kg	0.234	0.059	20	8/20/2015 10:06	BH	8/20/2015 18:17	BFM	
Naphthalene	U	mg/Kg	0.782	0.195	20	8/20/2015 10:06	BH	8/20/2015 18:17	BFM	
Phenanthrene	U	mg/Kg	0.391	0.098	20	8/20/2015 10:06	BH	8/20/2015 18:17	BFM	
Pyrene	U	mg/Kg	0.391	0.098	20	8/20/2015 10:06	BH	8/20/2015 18:17	BFM	
Nitrobenzene-d5 (S)	67	%	20-120		20	8/20/2015 10:06	BH	8/20/2015 18:17	BFM	
2-Fluorobiphenyl (S)	94	%	30-115		20	8/20/2015 10:06	BH	8/20/2015 18:17	BFM	
p-Terphenyl-d14 (S)	105	%	15-140		20	8/20/2015 10:06	BH	8/20/2015 18:17	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	68.1	%	0.1		1			8/20/2015 14:03	BH	

FDOH# E86546

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ANALYTICAL RESULTS

Workorder: 1542880
Project ID: FPL-Cutler

Lab ID: **1542880005** Date Received: 8/17/2015 16:00 Matrix: Soil/Solid
Sample ID: **CA-22S1W2-0.5** Date Collected: 8/17/2015 11:00

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: PAH List by 8270C SIM (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C SIM (S)					
1-Methylnaphthalene	U	mg/Kg	0.772	0.193	20	8/20/2015 10:06	BH	8/20/2015 18:45	BFM	
2-Methylnaphthalene	U	mg/Kg	0.772	0.193	20	8/20/2015 10:06	BH	8/20/2015 18:45	BFM	
Acenaphthene	U	mg/Kg	0.386	0.096	20	8/20/2015 10:06	BH	8/20/2015 18:45	BFM	
Acenaphthylene	U	mg/Kg	0.386	0.096	20	8/20/2015 10:06	BH	8/20/2015 18:45	BFM	
Anthracene	U	mg/Kg	0.386	0.096	20	8/20/2015 10:06	BH	8/20/2015 18:45	BFM	
Benzo(a)anthracene	U	mg/Kg	0.232	0.058	20	8/20/2015 10:06	BH	8/20/2015 18:45	BFM	
Benzo(a)pyrene	0.062i	mg/Kg	0.232	0.036	20	8/20/2015 10:06	BH	8/20/2015 18:45	BFM	
Benzo(b)fluoranthene	0.134i	mg/Kg	0.232	0.050	20	8/20/2015 10:06	BH	8/20/2015 18:45	BFM	
Benzo(g,h,i)perylene	0.069i	mg/Kg	0.232	0.058	20	8/20/2015 10:06	BH	8/20/2015 18:45	BFM	
Benzo(k)fluoranthene	0.104i	mg/Kg	0.232	0.058	20	8/20/2015 10:06	BH	8/20/2015 18:45	BFM	
Chrysene	0.122i	mg/Kg	0.232	0.058	20	8/20/2015 10:06	BH	8/20/2015 18:45	BFM	
Dibenzo(a,h)anthracene	U	mg/Kg	0.232	0.014	20	8/20/2015 10:06	BH	8/20/2015 18:45	BFM	
Fluoranthene	0.132i	mg/Kg	0.386	0.096	20	8/20/2015 10:06	BH	8/20/2015 18:45	BFM	
Fluorene	U	mg/Kg	0.386	0.096	20	8/20/2015 10:06	BH	8/20/2015 18:45	BFM	
Indeno(1,2,3-cd)pyrene	U	mg/Kg	0.232	0.058	20	8/20/2015 10:06	BH	8/20/2015 18:45	BFM	
Naphthalene	U	mg/Kg	0.772	0.193	20	8/20/2015 10:06	BH	8/20/2015 18:45	BFM	
Phenanthrene	U	mg/Kg	0.386	0.096	20	8/20/2015 10:06	BH	8/20/2015 18:45	BFM	
Pyrene	0.133i	mg/Kg	0.386	0.096	20	8/20/2015 10:06	BH	8/20/2015 18:45	BFM	
Nitrobenzene-d5 (S)	71	%	20-120		20	8/20/2015 10:06	BH	8/20/2015 18:45	BFM	
2-Fluorobiphenyl (S)	89	%	30-115		20	8/20/2015 10:06	BH	8/20/2015 18:45	BFM	
p-Terphenyl-d14 (S)	101	%	15-140		20	8/20/2015 10:06	BH	8/20/2015 18:45	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	69.0	%	0.1		1			8/20/2015 14:03	BH	

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Fax: (561)575-4118

ANALYTICAL RESULTS

Workorder: 1542880
Project ID: FPL-Cutler

Lab ID: **1542880006** Date Received: 8/17/2015 16:00 Matrix: Soil/Solid
Sample ID: **CA-22S1W2-2** Date Collected: 8/17/2015 11:03

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: PAH List by 8270C SIM (S)					Preparation Method: EPA 3545					
					Analytical Method: EPA 8310 List by 8270C SIM (S)					
1-Methylnaphthalene	U	mg/Kg	0.770	0.192	20	8/20/2015 10:06	BH	8/20/2015 19:13	BFM	
2-Methylnaphthalene	U	mg/Kg	0.770	0.192	20	8/20/2015 10:06	BH	8/20/2015 19:13	BFM	
Acenaphthene	U	mg/Kg	0.385	0.096	20	8/20/2015 10:06	BH	8/20/2015 19:13	BFM	
Acenaphthylene	U	mg/Kg	0.385	0.096	20	8/20/2015 10:06	BH	8/20/2015 19:13	BFM	
Anthracene	U	mg/Kg	0.385	0.096	20	8/20/2015 10:06	BH	8/20/2015 19:13	BFM	
Benzo(a)anthracene	U	mg/Kg	0.231	0.058	20	8/20/2015 10:06	BH	8/20/2015 19:13	BFM	
Benzo(a)pyrene	U	mg/Kg	0.231	0.035	20	8/20/2015 10:06	BH	8/20/2015 19:13	BFM	
Benzo(b)fluoranthene	U	mg/Kg	0.231	0.050	20	8/20/2015 10:06	BH	8/20/2015 19:13	BFM	
Benzo(g,h,i)perylene	U	mg/Kg	0.231	0.058	20	8/20/2015 10:06	BH	8/20/2015 19:13	BFM	
Benzo(k)fluoranthene	U	mg/Kg	0.231	0.058	20	8/20/2015 10:06	BH	8/20/2015 19:13	BFM	
Chrysene	U	mg/Kg	0.231	0.058	20	8/20/2015 10:06	BH	8/20/2015 19:13	BFM	
Dibenzo(a,h)anthracene	U	mg/Kg	0.231	0.014	20	8/20/2015 10:06	BH	8/20/2015 19:13	BFM	
Fluoranthene	U	mg/Kg	0.385	0.096	20	8/20/2015 10:06	BH	8/20/2015 19:13	BFM	
Fluorene	U	mg/Kg	0.385	0.096	20	8/20/2015 10:06	BH	8/20/2015 19:13	BFM	
Indeno(1,2,3-cd)pyrene	U	mg/Kg	0.231	0.058	20	8/20/2015 10:06	BH	8/20/2015 19:13	BFM	
Naphthalene	U	mg/Kg	0.770	0.192	20	8/20/2015 10:06	BH	8/20/2015 19:13	BFM	
Phenanthrene	U	mg/Kg	0.385	0.096	20	8/20/2015 10:06	BH	8/20/2015 19:13	BFM	
Pyrene	U	mg/Kg	0.385	0.096	20	8/20/2015 10:06	BH	8/20/2015 19:13	BFM	
Nitrobenzene-d5 (S)	59	%	20-120		20	8/20/2015 10:06	BH	8/20/2015 19:13	BFM	
2-Fluorobiphenyl (S)	86	%	30-115		20	8/20/2015 10:06	BH	8/20/2015 19:13	BFM	
p-Terphenyl-d14 (S)	100	%	15-140		20	8/20/2015 10:06	BH	8/20/2015 19:13	BFM	
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G					
Percent Solids (Dryweight)	69.0	%	0.1		1			8/21/2015 10:07	BH	

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ANALYTICAL RESULTS QUALIFIERS

Workorder: 1542880

Project ID: FPL-Cutler

PARAMETER QUALIFIERS

PROJECT COMMENTS

1542880	A reported value of U indicates that the compound was analyzed for but not detected above the MDL. A value flagged with an "i" flag indicates that the reported value is between the laboratory method detection limit and the practical quantitation limit.

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QUALITY CONTROL DATA

Workorder: 1542880

Project ID: FPL-Cutler

QC Batch: XXX/8029 Analysis Method: EPA 8310 List by 8270C SIM (S)

QC Batch Method: EPA 3545

Associated Lab Samples: 1542880001 1542880002 1542880003 1542880004 1542880005 1542880006

METHOD BLANK: 84127

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Semivolatiles by EPA 8270C				
Nitrobenzene-d5 (S)	%	52	20-120	
2-Fluorobiphenyl (S)	%	100	30-115	
p-Terphenyl-d14 (S)	%	124	15-140	
Naphthalene	mg/Kg	U	0.100	
2-Methylnaphthalene	mg/Kg	U	0.100	
1-Methylnaphthalene	mg/Kg	U	0.100	
Acenaphthylene	mg/Kg	U	0.050	
Acenaphthene	mg/Kg	U	0.050	
Fluorene	mg/Kg	U	0.050	
Phenanthrene	mg/Kg	U	0.050	
Anthracene	mg/Kg	U	0.050	
Fluoranthene	mg/Kg	U	0.050	
Pyrene	mg/Kg	U	0.050	
Benzo(a)anthracene	mg/Kg	U	0.030	
Chrysene	mg/Kg	U	0.030	
Benzo(b)fluoranthene	mg/Kg	U	0.026	
Benzo(k)fluoranthene	mg/Kg	U	0.030	
Benzo(a)pyrene	mg/Kg	U	0.018	
Dibenzo(a,h)anthracene	mg/Kg	U	0.0072	
Indeno(1,2,3-cd)pyrene	mg/Kg	U	0.030	
Benzo(g,h,i)perylene	mg/Kg	U	0.030	

LABORATORY CONTROL SAMPLE & LCSD: 84128 84129

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Semivolatiles by EPA 8270C										
Nitrobenzene-d5 (S)	%				68	65	20-120	5	40	
2-Fluorobiphenyl (S)	%				97	99	30-115	1	40	
p-Terphenyl-d14 (S)	%				97	96	15-140	1	40	
Naphthalene	mg/Kg	1.97	1.69	1.69	86	86	40-120	0	40	
2-Methylnaphthalene	mg/Kg	1.99	1.73	1.69	87	85	40-120	2	40	
1-Methylnaphthalene	mg/Kg	1.99	1.84	1.86	93	94	40-120	1	40	
Acenaphthylene	mg/Kg	2	1.55	1.50	78	75	40-120	3	40	
Acenaphthene	mg/Kg	2.01	1.69	1.67	84	83	35-120	1	40	
Fluorene	mg/Kg	1.97	1.52	1.48	77	75	40-120	3	40	

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QUALITY CONTROL DATA

Workorder: 1542880

Project ID: FPL-Cutler

LABORATORY CONTROL SAMPLE & LCSD: 84128 84129

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Phenanthrene	mg/Kg	1.99	1.58	1.50	79	75	40-120	5	40	
Anthracene	mg/Kg	2	1.80	1.65	90	82	40-120	9	40	
Fluoranthene	mg/Kg	2.01	1.51	1.42	75	71	40-120	6	40	
Pyrene	mg/Kg	2	1.90	1.85	95	92	40-140	3	40	
Benzo(a)anthracene	mg/Kg	1.98	1.16	1.12	58	57	40-120	4	40	
Chrysene	mg/Kg	1.98	2.22	2.16	112	109	40-120	3	40	
Benzo(b)fluoranthene	mg/Kg	1.99	1.81	1.63	91	82	40-120	10	40	
Benzo(k)fluoranthene	mg/Kg	2	2.11	2.19	105	109	40-120	4	40	
Benzo(a)pyrene	mg/Kg	2	2.06	1.88	103	94	40-120	9	40	
Dibenzo(a,h)anthracene	mg/Kg	1.98	2.15	1.85	108	93	40-120	15	40	
Indeno(1,2,3-cd)pyrene	mg/Kg	2	1.56	1.35	78	68	40-120	14	40	
Benzo(g,h,i)perylene	mg/Kg	1.97	2.19	2.15	111	109	40-120	2	40	

MATRIX SPIKE SAMPLE: 84131 Original: 1542880006

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Semivolatiles by EPA 8270C							
Nitrobenzene-d5 (S)	%				54	20-120	
2-Fluorobiphenyl (S)	%				87	30-115	
p-Terphenyl-d14 (S)	%				87	15-140	
Naphthalene	mg/Kg	0	2.63	2.22	84	40-120	
2-Methylnaphthalene	mg/Kg	0	2.65	1.97	74	40-120	
1-Methylnaphthalene	mg/Kg	0	2.65	2.33	88	40-120	
Acenaphthylene	mg/Kg	0	2.66	1.84	69	40-120	
Acenaphthene	mg/Kg	0	2.68	2.12	79	35-120	
Fluorene	mg/Kg	0	2.63	1.91	73	40-120	
Phenanthrene	mg/Kg	0	2.66	1.88	71	40-120	
Anthracene	mg/Kg	0	2.67	2.16	81	40-120	
Fluoranthene	mg/Kg	0	2.69	2.03	76	40-120	
Pyrene	mg/Kg	0	2.67	2.24	84	40-140	
Benzo(a)anthracene	mg/Kg	0	2.64	1.52	58	40-120	
Chrysene	mg/Kg	0	2.64	2.64	100	40-120	
Benzo(b)fluoranthene	mg/Kg	0	2.66	1.92	72	40-120	
Benzo(k)fluoranthene	mg/Kg	0	2.67	2.79	104	40-120	
Benzo(a)pyrene	mg/Kg	0	2.67	2.31	87	40-120	
Dibenzo(a,h)anthracene	mg/Kg	0	2.65	2.53	96	40-120	
Indeno(1,2,3-cd)pyrene	mg/Kg	0	2.67	2.2	82	40-120	
Benzo(g,h,i)perylene	mg/Kg	0	2.63	2.83	108	40-120	

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QUALITY CONTROL DATA

Workorder: 1542880

Project ID: FPL-Cutler

SAMPLE DUPLICATE: 84130 Original: 1542880006

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Semivolatiles by EPA 8270C						
Nitrobenzene-d5 (S)	%	1580		24	40	
2-Fluorobiphenyl (S)	%	2300		6	40	
p-Terphenyl-d14 (S)	%	2650		4	40	
Naphthalene	mg/Kg	0	U	0	40	
2-Methylnaphthalene	mg/Kg	0	U	0	40	
1-Methylnaphthalene	mg/Kg	0	U	0	40	
Acenaphthylene	mg/Kg	0	U	0	40	
Acenaphthene	mg/Kg	0	U	0	40	
Fluorene	mg/Kg	0	U	0	40	
Phenanthrene	mg/Kg	0	U	0	40	
Anthracene	mg/Kg	0	U	0	40	
Fluoranthene	mg/Kg	0	U	0	40	
Pyrene	mg/Kg	0	U	0	40	
Benzo(a)anthracene	mg/Kg	0	U	0	40	
Chrysene	mg/Kg	0	U	0	40	
Benzo(b)fluoranthene	mg/Kg	0	U	0	40	
Benzo(k)fluoranthene	mg/Kg	0	U	0	40	
Benzo(a)pyrene	mg/Kg	0	U	0	40	
Dibenzo(a,h)anthracene	mg/Kg	0	U	0	40	
Indeno(1,2,3-cd)pyrene	mg/Kg	0	U	0	40	
Benzo(g,h,i)perylene	mg/Kg	0	U	0	40	

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: 1542880

Project ID: FPL-Cutler

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
1542880001	**CA-22S-2**	SM 2540G	WGR/2518		
1542880002	**CA-22S1W-2**	SM 2540G	WGR/2518		
1542880003	**CA-22S2W-0.5**	SM 2540G	WGR/2518		
1542880004	**CA-22S2W-02**	SM 2540G	WGR/2518		
1542880005	**CA-22S1W2-0.5**	SM 2540G	WGR/2518		
1542880001	**CA-22S-2**	EPA 3545	XXX/8029	EPA 8310 List by 8270C SIM (S)	XMS/4399
1542880002	**CA-22S1W-2**	EPA 3545	XXX/8029	EPA 8310 List by 8270C SIM (S)	XMS/4399
1542880003	**CA-22S2W-0.5**	EPA 3545	XXX/8029	EPA 8310 List by 8270C SIM (S)	XMS/4399
1542880004	**CA-22S2W-02**	EPA 3545	XXX/8029	EPA 8310 List by 8270C SIM (S)	XMS/4399
1542880005	**CA-22S1W2-0.5**	EPA 3545	XXX/8029	EPA 8310 List by 8270C SIM (S)	XMS/4399
1542880006	**CA-22S1W2-2**	EPA 3545	XXX/8029	EPA 8310 List by 8270C SIM (S)	XMS/4399
1542880006	**CA-22S1W2-2**	SM 2540G	WGR/2521		

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J.E.L. Log # 1512880
P.O. # _____
Quote # _____

Company Name: TCG
Address: 5815 N. Andrews way Suite B
City: Ft. Lauderdale State: FL Zip: 33309
Sampling Site Address: 14925 NW 67 Ave Miami
Attn: Pete LaTorre Email: on file
Project Name: FPL-Cutler Project #:
Sampler Name/Signature: Pete LaTorre / [signature]

LAB ANALYSIS

Pres Codes

Parameters: PAHs (1)

Field Filtered (Y/N)

Requested Turnaround Time
Note: Rush requests subject to acceptance by the laboratory
___ Standard
___ Expedited
Due___/___/___

#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code*	# of Cont	PAHs (1)	Comments
1	CA-229-2	8/17/15	1042	S	1	✓	Hold
2	CA-225 1W-2	8/17/15	1037	S	1	✓	
3	CA-225 2W-0.5	8/17/15	1050	S	1	✓	
4	CA-225 2W-02	8/17/15	1052	S	1	✓	
5	CA-225 1W 2-0.5	8/17/15	1100	S	1	✓	
6	CA-225 1W 2-2	8/17/15	1103	S	1	✓	
7							(1) added 8/20/15 per PL
8							KS 8/20/15
9							
0							

Matrix Codes*
S Soil/Solid Sediment; SW Surface Water
GW Ground Water; SL Sludge
WW Waste Water; O Other (Please Specify)
DW Drinking Water

Pres Codes
A- none; I- Ice
B- HNO_3; O- Other
C- H_2SO_4; M- MeOH
D- NaOH; N- $Na_2S_2O_3$
E- HCl; Z- ZnAc

Relinquished by	Date	Time	Received by	Date	Time
[signature]	8/17/15	1405	[signature]	8/17/15	14:05
[signature]	8/17/15	15:00	[signature]	8/17/15	15:00
[signature]	8/17/15	16:00	[signature] TCG	8/17/15	16:00

QA/QC level with report
None ___1___2___3___ See price guide for applicable fees

FDEP Dry Cleaning ☐ FDEP UST Pre-Approval ☐
SFWMD ☐ ADaPT ☐ DOT ☐

Temp Control: 4 °C

Page 1 of 1

1512880

Login Checklist

Cooler Unpacked/Checked by: TG Date: 8/17/15

JEL LOG#: 1512880

Cooler Check

Cooler ID	Cooler Temp (C)	# of Samples in Cooler	Evidence Tape				Method of Receipt		
			Present?		Intact?				
			Yes	No	Yes	No	Drop Off	Comm. Carrier	Pick Up
	4	6		✓	✓				✓

Note: if the temperature of a cooler is above 6C or an evidence seal is damaged then identify the bottles in the affected cooler(s) on the sample discrepancy form.
*Write tracking number only if waybill copy cannot be placed in the folder

Condition of Containers:

Loose Caps: Yes_____ No ✓
If yes, fill out sample discrepancy form.

Broken Containers: Yes_____ No ✓
If yes, fill out sample discrepancy form.

Acid Preserved Samples: Are their pHs <=2 ?Yes_____ No_____ N/A ✓
If yes, pH strip lot #:HC547770
If no: Fill out sample discrepancy form
Check unpreserved containers with same Field ID
If acid is added: HCL Lot #: , HNO3 Lot #: , H2SO4 Lot #:

Base Preserved Samples: Are their pHs >=12 or 9 ?Yes_____ No_____ N/A_____
(Cyanide >= 12; Sulfide >=9)
If yes, pH strip lot #: HC554612
If no: Fill out sample discrepancy form
Check unpreserved containers with same Field ID
If base is added: NaOH Lot #:

Are all samples in cooler on COC?: Yes_____ No ✓
If no, fill out sample discrepancy form.

Are all samples on COC in cooler?: Yes_____ No ✓
If no, fill out sample discrepancy form.

N/A = not Applicable Temperature Gun ID #: TEMP-GUN-1

Benzo(a)pyrene Conversion Tables

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-01-0.5
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 0 to 0.5

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.576	1.0	0.576
Benzo(a)anthracene	0.662	0.1	0.066
Benzo(b)fluoranthene	1.050	0.1	0.105
Benzo(k)fluoranthene	0.263	0.01	0.003
Chrysene	0.690	0.001	0.001
Dibenz(a,h)anthracene	0.143	1.0	0.143
Indeno(1,2,3-cd)pyrene	0.440	0.1	0.044

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 0.9

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-01-02
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 0.5 to 2

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.379	1.0	0.379
Benzo(a)anthracene	0.412	0.1	0.041
Benzo(b)fluoranthene	0.611	0.1	0.061
Benzo(k)fluoranthene	0.176	0.01	0.002
Chrysene	0.420	0.001	0.000
Dibenz(a,h)anthracene	0.099	1.0	0.099
Indeno(1,2,3-cd)pyrene	0.292	0.1	0.029

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 0.6

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-01-04
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 2 to 4

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.042	1.0	0.042
Benzo(a)anthracene	0.037	0.1	0.004
Benzo(b)fluoranthene	0.063	0.1	0.006
Benzo(k)fluoranthene	0.006	0.01	0.000
Chrysene	0.036	0.001	0.000
Dibenz(a,h)anthracene	0.020	1.0	0.020
Indeno(1,2,3-cd)pyrene	0.039	0.1	0.004

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 0.1

The concentration shown does not exceed the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-01-06
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft):

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	1.050	1.0	1.050
Benzo(a)anthracene	1.300	0.1	0.130
Benzo(b)fluoranthene	1.700	0.1	0.170
Benzo(k)fluoranthene	0.561	0.01	0.006
Chrysene	1.330	0.001	0.001
Dibenz(a,h)anthracene	0.237	1.0	0.237
Indeno(1,2,3-cd)pyrene	0.742	0.1	0.074

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 1.7

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-01-08
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft):

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.515	1.0	0.515
Benzo(a)anthracene	0.611	0.1	0.061
Benzo(b)fluoranthene	0.821	0.1	0.082
Benzo(k)fluoranthene	0.241	0.01	0.002
Chrysene	0.610	0.001	0.001
Dibenz(a,h)anthracene	0.124	1.0	0.124
Indeno(1,2,3-cd)pyrene	0.411	0.1	0.041

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 0.8

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-02-0.5
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 0 to 0.5

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.403	1.0	0.403
Benzo(a)anthracene	0.439	0.1	0.044
Benzo(b)fluoranthene	0.669	0.1	0.067
Benzo(k)fluoranthene	0.234	0.01	0.002
Chrysene	0.402	0.001	0.000
Dibenz(a,h)anthracene	0.086	1.0	0.086
Indeno(1,2,3-cd)pyrene	0.267	0.1	0.027

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 0.6

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-02-02
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 0.5 to 2

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.959	1.0	0.959
Benzo(a)anthracene	1.040	0.1	0.104
Benzo(b)fluoranthene	1.420	0.1	0.142
Benzo(k)fluoranthene	0.486	0.01	0.005
Chrysene	1.050	0.001	0.001
Dibenz(a,h)anthracene	0.225	1.0	0.225
Indeno(1,2,3-cd)pyrene	0.769	0.1	0.077

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 1.5

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-02-06
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 4 to 6

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.190	1.0	0.190
Benzo(a)anthracene	0.272	0.1	0.027
Benzo(b)fluoranthene	0.342	0.1	0.034
Benzo(k)fluoranthene	0.107	0.01	0.001
Chrysene	0.275	0.001	0.000
Dibenz(a,h)anthracene	0.054	1.0	0.054
Indeno(1,2,3-cd)pyrene	0.147	0.1	0.015

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 0.3

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-02-08
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 6 to 8

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	4.880	1.0	4.880
Benzo(a)anthracene	6.590	0.1	0.659
Benzo(b)fluoranthene	7.990	0.1	0.799
Benzo(k)fluoranthene	2.550	0.01	0.026
Chrysene	6.710	0.001	0.007
Dibenz(a,h)anthracene	1.150	1.0	1.150
Indeno(1,2,3-cd)pyrene	3.460	0.1	0.346

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 7.9

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-03-0.5
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 0 to 0.5

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.316	1.0	0.316
Benzo(a)anthracene	0.361	0.1	0.036
Benzo(b)fluoranthene	0.565	0.1	0.057
Benzo(k)fluoranthene	0.141	0.01	0.001
Chrysene	0.386	0.001	0.000
Dibenz(a,h)anthracene	0.082	1.0	0.082
Indeno(1,2,3-cd)pyrene	0.255	0.1	0.026

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 0.5

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-03-02
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 0.5 to 2

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.024	1.0	0.024
Benzo(a)anthracene	0.009	0.1	0.001
Benzo(b)fluoranthene	0.039	0.1	0.004
Benzo(k)fluoranthene	0.006	0.01	0.000
Chrysene	0.011	0.001	0.000
Dibenz(a,h)anthracene	0.020	1.0	0.020
Indeno(1,2,3-cd)pyrene	0.026	0.1	0.003

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 0.1

The concentration shown does not exceed the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-03-04
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 2 to 4

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	1.410	1.0	1.410
Benzo(a)anthracene	0.702	0.1	0.070
Benzo(b)fluoranthene	1.980	0.1	0.198
Benzo(k)fluoranthene	0.693	0.01	0.007
Chrysene	0.871	0.001	0.001
Dibenz(a,h)anthracene	0.300	1.0	0.300
Indeno(1,2,3-cd)pyrene	1.160	0.1	0.116

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 2.1

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-03-06
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 4 to 6

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	8.820	1.0	8.820
Benzo(a)anthracene	11.500	0.1	1.150
Benzo(b)fluoranthene	13.300	0.1	1.330
Benzo(k)fluoranthene	4.250	0.01	0.043
Chrysene	10.600	0.001	0.011
Dibenz(a,h)anthracene	1.930	1.0	1.930
Indeno(1,2,3-cd)pyrene	5.530	0.1	0.553

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 13.8

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-03-08
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 6 to 8

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.736	1.0	0.736
Benzo(a)anthracene	0.875	0.1	0.088
Benzo(b)fluoranthene	1.220	0.1	0.122
Benzo(k)fluoranthene	0.340	0.01	0.003
Chrysene	0.873	0.001	0.001
Dibenz(a,h)anthracene	0.162	1.0	0.162
Indeno(1,2,3-cd)pyrene	0.606	0.1	0.061

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 1.2

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-04-0.5
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 0 to 0.5

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.051	1.0	0.051
Benzo(a)anthracene	0.040	0.1	0.004
Benzo(b)fluoranthene	0.078	0.1	0.008
Benzo(k)fluoranthene	0.032	0.01	0.000
Chrysene	0.047	0.001	0.000
Dibenz(a,h)anthracene	0.020	1.0	0.020
Indeno(1,2,3-cd)pyrene	0.067	0.1	0.007

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 0.1

The concentration shown does not exceed the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-04-02
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 0.5 to 2

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.167	1.0	0.167
Benzo(a)anthracene	0.154	0.1	0.015
Benzo(b)fluoranthene	0.249	0.1	0.025
Benzo(k)fluoranthene	0.096	0.01	0.001
Chrysene	0.167	0.001	0.000
Dibenz(a,h)anthracene	0.041	1.0	0.041
Indeno(1,2,3-cd)pyrene	0.132	0.1	0.013

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 0.3

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-04-04
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 2 to 4

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.950	1.0	0.950
Benzo(a)anthracene	1.180	0.1	0.118
Benzo(b)fluoranthene	1.630	0.1	0.163
Benzo(k)fluoranthene	0.534	0.01	0.005
Chrysene	1.230	0.001	0.001
Dibenz(a,h)anthracene	0.219	1.0	0.219
Indeno(1,2,3-cd)pyrene	0.684	0.1	0.068

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 1.5

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-04-06
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 4 to 6

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.771	1.0	0.771
Benzo(a)anthracene	0.971	0.1	0.097
Benzo(b)fluoranthene	1.250	0.1	0.125
Benzo(k)fluoranthene	0.404	0.01	0.004
Chrysene	0.950	0.001	0.001
Dibenz(a,h)anthracene	0.168	1.0	0.168
Indeno(1,2,3-cd)pyrene	0.563	0.1	0.056

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 1.2

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-04-08
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 6 to 8

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.678	1.0	0.678
Benzo(a)anthracene	0.814	0.1	0.081
Benzo(b)fluoranthene	1.170	0.1	0.117
Benzo(k)fluoranthene	0.393	0.01	0.004
Chrysene	0.858	0.001	0.001
Dibenz(a,h)anthracene	0.158	1.0	0.158
Indeno(1,2,3-cd)pyrene	0.511	0.1	0.051

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 1.1

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-05-0.5
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 0 to 0.5

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.268	1.0	0.268
Benzo(a)anthracene	0.229	0.1	0.023
Benzo(b)fluoranthene	0.516	0.1	0.052
Benzo(k)fluoranthene	0.182	0.01	0.002
Chrysene	0.318	0.001	0.000
Dibenz(a,h)anthracene	0.066	1.0	0.066
Indeno(1,2,3-cd)pyrene	0.252	0.1	0.025

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 0.4

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-05-02
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 0.5 to 2

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	1.690	1.0	1.690
Benzo(a)anthracene	2.050	0.1	0.205
Benzo(b)fluoranthene	2.910	0.1	0.291
Benzo(k)fluoranthene	0.968	0.01	0.010
Chrysene	2.240	0.001	0.002
Dibenz(a,h)anthracene	0.409	1.0	0.409
Indeno(1,2,3-cd)pyrene	1.410	0.1	0.141

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 2.7

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-05-04
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 2 to 4

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	1.110	1.0	1.110
Benzo(a)anthracene	1.260	0.1	0.126
Benzo(b)fluoranthene	2.000	0.1	0.200
Benzo(k)fluoranthene	0.670	0.01	0.007
Chrysene	1.470	0.001	0.001
Dibenz(a,h)anthracene	0.273	1.0	0.273
Indeno(1,2,3-cd)pyrene	0.939	0.1	0.094

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 1.8

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-05-06
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 4 to 6

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.105	1.0	0.105
Benzo(a)anthracene	0.111	0.1	0.011
Benzo(b)fluoranthene	0.182	0.1	0.018
Benzo(k)fluoranthene	0.054	0.01	0.001
Chrysene	0.101	0.001	0.000
Dibenz(a,h)anthracene	0.020	1.0	0.020
Indeno(1,2,3-cd)pyrene	0.113	0.1	0.011

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 0.2

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-05-08
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 6 to 8

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.091	1.0	0.091
Benzo(a)anthracene	0.062	0.1	0.006
Benzo(b)fluoranthene	0.151	0.1	0.015
Benzo(k)fluoranthene	0.050	0.01	0.001
Chrysene	0.950	0.001	0.001
Dibenz(a,h)anthracene	0.020	1.0	0.020
Indeno(1,2,3-cd)pyrene	0.102	0.1	0.010

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 0.1

The concentration shown does not exceed the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-06-0.5
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 0 to 0.5

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.662	1.0	0.662
Benzo(a)anthracene	0.862	0.1	0.086
Benzo(b)fluoranthene	1.050	0.1	0.105
Benzo(k)fluoranthene	0.414	0.01	0.004
Chrysene	0.789	0.001	0.001
Dibenz(a,h)anthracene	0.135	1.0	0.135
Indeno(1,2,3-cd)pyrene	0.449	0.1	0.045

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 1.0

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-06-02
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 0.5 to 2

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.228	1.0	0.228
Benzo(a)anthracene	0.250	0.1	0.025
Benzo(b)fluoranthene	0.367	0.1	0.037
Benzo(k)fluoranthene	0.113	0.01	0.001
Chrysene	0.272	0.001	0.000
Dibenz(a,h)anthracene	0.056	1.0	0.056
Indeno(1,2,3-cd)pyrene	0.196	0.1	0.020

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 0.4

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-06-04
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 2 to 4

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	1.720	1.0	1.720
Benzo(a)anthracene	2.030	0.1	0.203
Benzo(b)fluoranthene	2.690	0.1	0.269
Benzo(k)fluoranthene	1.020	0.01	0.010
Chrysene	2.070	0.001	0.002
Dibenz(a,h)anthracene	0.377	1.0	0.377
Indeno(1,2,3-cd)pyrene	1.270	0.1	0.127

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 2.7

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-06-06
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 4 to 6

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.136	1.0	0.136
Benzo(a)anthracene	0.121	0.1	0.012
Benzo(b)fluoranthene	0.228	0.1	0.023
Benzo(k)fluoranthene	0.064	0.01	0.001
Chrysene	0.143	0.001	0.000
Dibenz(a,h)anthracene	0.020	1.0	0.020
Indeno(1,2,3-cd)pyrene	0.146	0.1	0.015

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 0.2

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-06-08
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 6 to 8

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.048	1.0	0.048
Benzo(a)anthracene	0.031	0.1	0.003
Benzo(b)fluoranthene	0.082	0.1	0.008
Benzo(k)fluoranthene	0.033	0.01	0.000
Chrysene	0.051	0.001	0.000
Dibenz(a,h)anthracene	0.020	1.0	0.020
Indeno(1,2,3-cd)pyrene	0.057	0.1	0.006

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 0.1

The concentration shown does not exceed the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-07-0.5
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 0 to 0.5

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.380	1.0	0.380
Benzo(a)anthracene	0.378	0.1	0.038
Benzo(b)fluoranthene	0.635	0.1	0.064
Benzo(k)fluoranthene	0.195	0.01	0.002
Chrysene	0.376	0.001	0.000
Dibenz(a,h)anthracene	0.092	1.0	0.092
Indeno(1,2,3-cd)pyrene	0.339	0.1	0.034

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 0.6

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-07-02
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 0.5 to 2

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.101	1.0	0.101
Benzo(a)anthracene	0.061	0.1	0.006
Benzo(b)fluoranthene	0.155	0.1	0.016
Benzo(k)fluoranthene	0.066	0.01	0.001
Chrysene	0.098	0.001	0.000
Dibenz(a,h)anthracene	0.020	1.0	0.020
Indeno(1,2,3-cd)pyrene	0.120	0.1	0.012

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 0.2

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-07-04
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 2 to 4

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.030	1.0	0.030
Benzo(a)anthracene	0.025	0.1	0.003
Benzo(b)fluoranthene	0.049	0.1	0.005
Benzo(k)fluoranthene	0.006	0.01	0.000
Chrysene	0.011	0.001	0.000
Dibenz(a,h)anthracene	0.020	1.0	0.020
Indeno(1,2,3-cd)pyrene	0.031	0.1	0.003

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 0.1

The concentration shown does not exceed the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-07-06
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 4 to 6

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.367	1.0	0.367
Benzo(a)anthracene	0.379	0.1	0.038
Benzo(b)fluoranthene	0.599	0.1	0.060
Benzo(k)fluoranthene	0.222	0.01	0.002
Chrysene	0.405	0.001	0.000
Dibenz(a,h)anthracene	0.090	1.0	0.090
Indeno(1,2,3-cd)pyrene	0.335	0.1	0.034

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 0.6

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-07-08
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 6 to 8

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	5.160	1.0	5.160
Benzo(a)anthracene	6.640	0.1	0.664
Benzo(b)fluoranthene	8.450	0.1	0.845
Benzo(k)fluoranthene	2.990	0.01	0.030
Chrysene	6.220	0.001	0.006
Dibenz(a,h)anthracene	0.993	1.0	0.993
Indeno(1,2,3-cd)pyrene	3.430	0.1	0.343

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 8.0

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-08-0.5
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 0 to 0.5

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	20.300	1.0	20.300
Benzo(a)anthracene	20.700	0.1	2.070
Benzo(b)fluoranthene	27.400	0.1	2.740
Benzo(k)fluoranthene	9.060	0.01	0.091
Chrysene	20.300	0.001	0.020
Dibenz(a,h)anthracene	3.850	1.0	3.850
Indeno(1,2,3-cd)pyrene	13.400	0.1	1.340

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 30.4

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-08-06
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 4 to 6

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.498	1.0	0.498
Benzo(a)anthracene	0.554	0.1	0.055
Benzo(b)fluoranthene	0.819	0.1	0.082
Benzo(k)fluoranthene	0.292	0.01	0.003
Chrysene	0.592	0.001	0.001
Dibenz(a,h)anthracene	0.132	1.0	0.132
Indeno(1,2,3-cd)pyrene	0.486	0.1	0.049

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 0.8

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-08-08
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 6 to 8

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	2.060	1.0	2.060
Benzo(a)anthracene	2.730	0.1	0.273
Benzo(b)fluoranthene	3.150	0.1	0.315
Benzo(k)fluoranthene	1.110	0.01	0.011
Chrysene	2.590	0.001	0.003
Dibenz(a,h)anthracene	0.430	1.0	0.430
Indeno(1,2,3-cd)pyrene	1.380	0.1	0.138

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 3.2

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-09-0.5
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 0 to 0.5

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.440	1.0	0.440
Benzo(a)anthracene	0.485	0.1	0.049
Benzo(b)fluoranthene	0.685	0.1	0.069
Benzo(k)fluoranthene	0.269	0.01	0.003
Chrysene	0.502	0.001	0.001
Dibenz(a,h)anthracene	0.115	1.0	0.115
Indeno(1,2,3-cd)pyrene	0.403	0.1	0.040

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 0.7

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-09-04
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 2 to 4

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.871	1.0	0.871
Benzo(a)anthracene	1.110	0.1	0.111
Benzo(b)fluoranthene	1.430	0.1	0.143
Benzo(k)fluoranthene	0.458	0.01	0.005
Chrysene	1.090	0.001	0.001
Dibenz(a,h)anthracene	0.220	1.0	0.220
Indeno(1,2,3-cd)pyrene	0.692	0.1	0.069

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 1.4

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-09-06
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 4 to 6

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.740	1.0	0.740
Benzo(a)anthracene	0.673	0.1	0.067
Benzo(b)fluoranthene	0.999	0.1	0.100
Benzo(k)fluoranthene	0.376	0.01	0.004
Chrysene	0.690	0.001	0.001
Dibenz(a,h)anthracene	0.102	1.0	0.102
Indeno(1,2,3-cd)pyrene	0.715	0.1	0.072

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 1.1

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-09-08
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 6 to 8

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.252	1.0	0.252
Benzo(a)anthracene	0.273	0.1	0.027
Benzo(b)fluoranthene	0.406	0.1	0.041
Benzo(k)fluoranthene	0.143	0.01	0.001
Chrysene	0.284	0.001	0.000
Dibenz(a,h)anthracene	0.062	1.0	0.062
Indeno(1,2,3-cd)pyrene	0.173	0.1	0.017

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 0.4

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-10-0.5
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 0 to 0.5

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.253	1.0	0.253
Benzo(a)anthracene	0.238	0.1	0.024
Benzo(b)fluoranthene	0.418	0.1	0.042
Benzo(k)fluoranthene	0.132	0.01	0.001
Chrysene	0.257	0.001	0.000
Dibenz(a,h)anthracene	0.060	1.0	0.060
Indeno(1,2,3-cd)pyrene	0.203	0.1	0.020

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 0.4

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-10-02
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 0.5 to 2

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.070	1.0	0.070
Benzo(a)anthracene	0.047	0.1	0.005
Benzo(b)fluoranthene	0.133	0.1	0.013
Benzo(k)fluoranthene	0.030	0.01	0.000
Chrysene	0.073	0.001	0.000
Dibenz(a,h)anthracene	0.020	1.0	0.020
Indeno(1,2,3-cd)pyrene	0.081	0.1	0.008

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 0.1

The concentration shown does not exceed the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-10-04
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 2 to 4

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.907	1.0	0.907
Benzo(a)anthracene	1.030	0.1	0.103
Benzo(b)fluoranthene	1.330	0.1	0.133
Benzo(k)fluoranthene	0.441	0.01	0.004
Chrysene	1.000	0.001	0.001
Dibenz(a,h)anthracene	0.383	1.0	0.383
Indeno(1,2,3-cd)pyrene	0.890	0.1	0.089

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 1.6

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-10-06
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 4 to 6

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.133	1.0	0.133
Benzo(a)anthracene	0.133	0.1	0.013
Benzo(b)fluoranthene	0.232	0.1	0.023
Benzo(k)fluoranthene	0.069	0.01	0.001
Chrysene	0.154	0.001	0.000
Dibenz(a,h)anthracene	0.020	1.0	0.020
Indeno(1,2,3-cd)pyrene	0.115	0.1	0.012

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 0.2

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-10-08
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 6 to 8

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.515	1.0	0.515
Benzo(a)anthracene	0.665	0.1	0.067
Benzo(b)fluoranthene	0.851	0.1	0.085
Benzo(k)fluoranthene	0.331	0.01	0.003
Chrysene	0.674	0.001	0.001
Dibenz(a,h)anthracene	0.130	1.0	0.130
Indeno(1,2,3-cd)pyrene	0.413	0.1	0.041

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 0.8

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-11-0.5
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 0 to 0.5

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.545	1.0	0.545
Benzo(a)anthracene	0.542	0.1	0.054
Benzo(b)fluoranthene	1.010	0.1	0.101
Benzo(k)fluoranthene	0.333	0.01	0.003
Chrysene	0.606	0.001	0.001
Dibenz(a,h)anthracene	0.010	1.0	0.010
Indeno(1,2,3-cd)pyrene	0.617	0.1	0.062

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 0.8

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-11-02
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 0.5 to 2

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.553	1.0	0.553
Benzo(a)anthracene	0.434	0.1	0.043
Benzo(b)fluoranthene	0.943	0.1	0.094
Benzo(k)fluoranthene	0.256	0.01	0.003
Chrysene	0.545	0.001	0.001
Dibenz(a,h)anthracene	0.102	1.0	0.102
Indeno(1,2,3-cd)pyrene	0.595	0.1	0.060

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 0.9

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-11-06
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 4 to 6

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	4.680	1.0	4.680
Benzo(a)anthracene	5.800	0.1	0.580
Benzo(b)fluoranthene	6.750	0.1	0.675
Benzo(k)fluoranthene	2.660	0.01	0.027
Chrysene	5.480	0.001	0.005
Dibenz(a,h)anthracene	0.922	1.0	0.922
Indeno(1,2,3-cd)pyrene	2.900	0.1	0.290

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 7.2

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-11-08
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 6 to 8

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.806	1.0	0.806
Benzo(a)anthracene	0.902	0.1	0.090
Benzo(b)fluoranthene	1.320	0.1	0.132
Benzo(k)fluoranthene	0.483	0.01	0.005
Chrysene	0.983	0.001	0.001
Dibenz(a,h)anthracene	0.165	1.0	0.165
Indeno(1,2,3-cd)pyrene	0.561	0.1	0.056

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 1.3

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-12-0.5
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 0 to 0.5

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.310	1.0	0.310
Benzo(a)anthracene	0.302	0.1	0.030
Benzo(b)fluoranthene	0.459	0.1	0.046
Benzo(k)fluoranthene	0.144	0.01	0.001
Chrysene	0.277	0.001	0.000
Dibenz(a,h)anthracene	0.020	1.0	0.020
Indeno(1,2,3-cd)pyrene	0.503	0.1	0.050

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 0.5

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-12-06
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 4 to 6

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.995	1.0	0.995
Benzo(a)anthracene	1.180	0.1	0.118
Benzo(b)fluoranthene	1.560	0.1	0.156
Benzo(k)fluoranthene	0.539	0.01	0.005
Chrysene	1.170	0.001	0.001
Dibenz(a,h)anthracene	0.214	1.0	0.214
Indeno(1,2,3-cd)pyrene	0.764	0.1	0.076

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 1.6

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-12-08
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 6 to 8

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	1.960	1.0	1.960
Benzo(a)anthracene	2.290	0.1	0.229
Benzo(b)fluoranthene	2.900	0.1	0.290
Benzo(k)fluoranthene	1.190	0.01	0.012
Chrysene	2.140	0.001	0.002
Dibenz(a,h)anthracene	0.422	1.0	0.422
Indeno(1,2,3-cd)pyrene	1.350	0.1	0.135

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 3.1

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-13-0.5
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 0 to 0.5

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.264	1.0	0.264
Benzo(a)anthracene	0.234	0.1	0.023
Benzo(b)fluoranthene	0.377	0.1	0.038
Benzo(k)fluoranthene	0.149	0.01	0.001
Chrysene	0.219	0.001	0.000
Dibenz(a,h)anthracene	0.085	1.0	0.085
Indeno(1,2,3-cd)pyrene	0.309	0.1	0.031

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 0.4

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-13-02
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 0.5 to 2

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.031	1.0	0.031
Benzo(a)anthracene	0.030	0.1	0.003
Benzo(b)fluoranthene	0.048	0.1	0.005
Benzo(k)fluoranthene	0.019	0.01	0.000
Chrysene	0.028	0.001	0.000
Dibenz(a,h)anthracene	0.020	1.0	0.020
Indeno(1,2,3-cd)pyrene	0.011	0.1	0.001

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 0.1

The concentration shown does not exceed the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-13-06
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 4 to 6

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	2.320	1.0	2.320
Benzo(a)anthracene	2.790	0.1	0.279
Benzo(b)fluoranthene	3.430	0.1	0.343
Benzo(k)fluoranthene	1.260	0.01	0.013
Chrysene	2.720	0.001	0.003
Dibenz(a,h)anthracene	0.502	1.0	0.502
Indeno(1,2,3-cd)pyrene	1.660	0.1	0.166

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 3.6

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-13-08
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 6 to 8

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	2.830	1.0	2.830
Benzo(a)anthracene	3.240	0.1	0.324
Benzo(b)fluoranthene	4.550	0.1	0.455
Benzo(k)fluoranthene	1.470	0.01	0.015
Chrysene	3.320	0.001	0.003
Dibenz(a,h)anthracene	0.509	1.0	0.509
Indeno(1,2,3-cd)pyrene	1.710	0.1	0.171

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 4.3

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-14-0.5
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 0 to 0.5

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.344	1.0	0.344
Benzo(a)anthracene	0.386	0.1	0.039
Benzo(b)fluoranthene	0.544	0.1	0.054
Benzo(k)fluoranthene	0.218	0.01	0.002
Chrysene	0.373	0.001	0.000
Dibenz(a,h)anthracene	0.108	1.0	0.108
Indeno(1,2,3-cd)pyrene	0.355	0.1	0.036

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 0.6

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-14-02
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 0.5 to 2

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	2.950	1.0	2.950
Benzo(a)anthracene	3.500	0.1	0.350
Benzo(b)fluoranthene	4.300	0.1	0.430
Benzo(k)fluoranthene	1.640	0.01	0.016
Chrysene	3.240	0.001	0.003
Dibenz(a,h)anthracene	0.578	1.0	0.578
Indeno(1,2,3-cd)pyrene	1.890	0.1	0.189

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 4.5

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-14-04
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 2 to 4

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	3.400	1.0	3.400
Benzo(a)anthracene	4.550	0.1	0.455
Benzo(b)fluoranthene	5.410	0.1	0.541
Benzo(k)fluoranthene	2.230	0.01	0.022
Chrysene	4.580	0.001	0.005
Dibenz(a,h)anthracene	0.741	1.0	0.741
Indeno(1,2,3-cd)pyrene	2.110	0.1	0.211

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 5.4

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-14-06
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 4 to 6

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	1.820	1.0	1.820
Benzo(a)anthracene	2.080	0.1	0.208
Benzo(b)fluoranthene	2.640	0.1	0.264
Benzo(k)fluoranthene	0.974	0.01	0.010
Chrysene	1.990	0.001	0.002
Dibenz(a,h)anthracene	0.411	1.0	0.411
Indeno(1,2,3-cd)pyrene	1.350	0.1	0.135

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 2.8

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-14-08
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 6 to 8

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.434	1.0	0.434
Benzo(a)anthracene	0.499	0.1	0.050
Benzo(b)fluoranthene	0.863	0.1	0.086
Benzo(k)fluoranthene	0.307	0.01	0.003
Chrysene	0.553	0.001	0.001
Dibenz(a,h)anthracene	0.118	1.0	0.118
Indeno(1,2,3-cd)pyrene	0.424	0.1	0.042

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 0.7

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-15-0.5
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 0 to 0.5

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.370	1.0	0.370
Benzo(a)anthracene	0.275	0.1	0.028
Benzo(b)fluoranthene	0.657	0.1	0.066
Benzo(k)fluoranthene	0.262	0.01	0.003
Chrysene	0.423	0.001	0.000
Dibenz(a,h)anthracene	0.126	1.0	0.126
Indeno(1,2,3-cd)pyrene	0.500	0.1	0.050

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 0.6

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-15-02
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 0.5 to 2

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.166	1.0	0.166
Benzo(a)anthracene	0.099	0.1	0.010
Benzo(b)fluoranthene	0.299	0.1	0.030
Benzo(k)fluoranthene	0.100	0.01	0.001
Chrysene	0.165	0.001	0.000
Dibenz(a,h)anthracene	0.045	1.0	0.045
Indeno(1,2,3-cd)pyrene	0.165	0.1	0.017

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 0.3

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-15-04
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 2 to 4

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.187	1.0	0.187
Benzo(a)anthracene	0.172	0.1	0.017
Benzo(b)fluoranthene	0.306	0.1	0.031
Benzo(k)fluoranthene	0.127	0.01	0.001
Chrysene	0.216	0.001	0.000
Dibenz(a,h)anthracene	0.046	1.0	0.046
Indeno(1,2,3-cd)pyrene	0.178	0.1	0.018

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 0.3

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-15-06
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 4 to 6

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.961	1.0	0.961
Benzo(a)anthracene	1.070	0.1	0.107
Benzo(b)fluoranthene	1.550	0.1	0.155
Benzo(k)fluoranthene	0.505	0.01	0.005
Chrysene	1.160	0.001	0.001
Dibenz(a,h)anthracene	0.223	1.0	0.223
Indeno(1,2,3-cd)pyrene	0.778	0.1	0.078

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 1.5

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-15-08
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 6 to 8

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	3.030	1.0	3.030
Benzo(a)anthracene	4.020	0.1	0.402
Benzo(b)fluoranthene	4.650	0.1	0.465
Benzo(k)fluoranthene	1.310	0.01	0.013
Chrysene	3.710	0.001	0.004
Dibenz(a,h)anthracene	0.592	1.0	0.592
Indeno(1,2,3-cd)pyrene	1.920	0.1	0.192

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 4.7

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-21-0.5
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 0 to 0.5

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.459	1.0	0.459
Benzo(a)anthracene	0.400	0.1	0.040
Benzo(b)fluoranthene	0.856	0.1	0.086
Benzo(k)fluoranthene	0.272	0.01	0.003
Chrysene	0.508	0.001	0.001
Dibenz(a,h)anthracene	0.088	1.0	0.088
Indeno(1,2,3-cd)pyrene	0.372	0.1	0.037

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 0.7

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-21-02
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 0.5 to 2

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.106	1.0	0.106
Benzo(a)anthracene	0.092	0.1	0.009
Benzo(b)fluoranthene	0.216	0.1	0.022
Benzo(k)fluoranthene	0.064	0.01	0.001
Chrysene	0.112	0.001	0.000
Dibenz(a,h)anthracene	0.043	1.0	0.043
Indeno(1,2,3-cd)pyrene	0.141	0.1	0.014

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 0.2

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-21-04
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 2 to 4

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.037	1.0	0.037
Benzo(a)anthracene	0.030	0.1	0.003
Benzo(b)fluoranthene	0.057	0.1	0.006
Benzo(k)fluoranthene	0.020	0.01	0.000
Chrysene	0.033	0.001	0.000
Dibenz(a,h)anthracene	0.018	1.0	0.018
Indeno(1,2,3-cd)pyrene	0.054	0.1	0.005

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 0.1

The concentration shown does not exceed the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-21-06
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 4 to 6

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.214	1.0	0.214
Benzo(a)anthracene	0.187	0.1	0.019
Benzo(b)fluoranthene	0.343	0.1	0.034
Benzo(k)fluoranthene	0.130	0.01	0.001
Chrysene	0.217	0.001	0.000
Dibenz(a,h)anthracene	0.055	1.0	0.055
Indeno(1,2,3-cd)pyrene	0.161	0.1	0.016

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 0.3

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-22-0.5
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 0 to 0.5

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	33.300	1.0	33.300
Benzo(a)anthracene	21.300	0.1	2.130
Benzo(b)fluoranthene	90.900	0.1	9.090
Benzo(k)fluoranthene	17.000	0.01	0.170
Chrysene	50.600	0.001	0.051
Dibenz(a,h)anthracene	6.290	1.0	6.290
Indeno(1,2,3-cd)pyrene	34.000	0.1	3.400

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 54.4

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-22-02
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 0.5 to 2

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	2.390	1.0	2.390
Benzo(a)anthracene	1.660	0.1	0.166
Benzo(b)fluoranthene	4.830	0.1	0.483
Benzo(k)fluoranthene	1.650	0.01	0.017
Chrysene	3.070	0.001	0.003
Dibenz(a,h)anthracene	0.577	1.0	0.577
Indeno(1,2,3-cd)pyrene	2.650	0.1	0.265

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 3.9

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-22-06
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 4 to 6

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	3.410	1.0	3.410
Benzo(a)anthracene	2.130	0.1	0.213
Benzo(b)fluoranthene	8.620	0.1	0.862
Benzo(k)fluoranthene	2.300	0.01	0.023
Chrysene	5.260	0.001	0.005
Dibenz(a,h)anthracene	0.603	1.0	0.603
Indeno(1,2,3-cd)pyrene	3.010	0.1	0.301

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 5.4

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-23-0.5
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 0 to 0.5

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	3.260	1.0	3.260
Benzo(a)anthracene	2.130	0.1	0.213
Benzo(b)fluoranthene	7.130	0.1	0.713
Benzo(k)fluoranthene	2.170	0.01	0.022
Chrysene	4.990	0.001	0.005
Dibenz(a,h)anthracene	1.040	1.0	1.040
Indeno(1,2,3-cd)pyrene	4.620	0.1	0.462

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 5.7

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-23-02
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 0.5 to 2

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.139	1.0	0.139
Benzo(a)anthracene	0.072	0.1	0.007
Benzo(b)fluoranthene	0.269	0.1	0.027
Benzo(k)fluoranthene	0.091	0.01	0.001
Chrysene	0.148	0.001	0.000
Dibenz(a,h)anthracene	0.050	1.0	0.050
Indeno(1,2,3-cd)pyrene	0.195	0.1	0.020

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 0.2

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-24-05
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 0 to 0.5

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	2.180	1.0	2.180
Benzo(a)anthracene	1.280	0.1	0.128
Benzo(b)fluoranthene	5.240	0.1	0.524
Benzo(k)fluoranthene	1.830	0.01	0.018
Chrysene	2.820	0.001	0.003
Dibenz(a,h)anthracene	0.419	1.0	0.419
Indeno(1,2,3-cd)pyrene	2.030	0.1	0.203

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 3.5

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-24-02
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 0.5 to 2

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.773	1.0	0.773
Benzo(a)anthracene	0.423	0.1	0.042
Benzo(b)fluoranthene	1.78	0.1	0.178
Benzo(k)fluoranthene	0.632	0.01	0.006
Chrysene	0.943	0.001	0.001
Dibenz(a,h)anthracene	0.196	1.0	0.196
Indeno(1,2,3-cd)pyrene	0.924	0.1	0.092

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 1.3

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-01-10
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 8 to 10

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.724	1.0	0.724
Benzo(a)anthracene	0.934	0.1	0.093
Benzo(b)fluoranthene	1.300	0.1	0.130
Benzo(k)fluoranthene	0.396	0.01	0.004
Chrysene	0.989	0.001	0.001
Dibenz(a,h)anthracene	0.167	1.0	0.167
Indeno(1,2,3-cd)pyrene	0.519	0.1	0.052

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 1.2

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-02-10
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 8 to 10 ft

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.489	1.0	0.489
Benzo(a)anthracene	0.624	0.1	0.062
Benzo(b)fluoranthene	0.832	0.1	0.083
Benzo(k)fluoranthene	0.277	0.01	0.003
Chrysene	0.668	0.001	0.001
Dibenz(a,h)anthracene	0.118	1.0	0.118
Indeno(1,2,3-cd)pyrene	0.340	0.1	0.034

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 0.8

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-03-10
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 8 to 10

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.706	1.0	0.706
Benzo(a)anthracene	0.840	0.1	0.084
Benzo(b)fluoranthene	1.120	0.1	0.112
Benzo(k)fluoranthene	0.440	0.01	0.004
Chrysene	0.860	0.001	0.001
Dibenz(a,h)anthracene	0.143	1.0	0.143
Indeno(1,2,3-cd)pyrene	0.494	0.1	0.049

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 1.1

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-07-10
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 8 to 10

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	6.090	1.0	6.090
Benzo(a)anthracene	7.840	0.1	0.784
Benzo(b)fluoranthene	9.900	0.1	0.990
Benzo(k)fluoranthene	2.400	0.01	0.024
Chrysene	6.820	0.001	0.007
Dibenz(a,h)anthracene	1.090	1.0	1.090
Indeno(1,2,3-cd)pyrene	3.970	0.1	0.397

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 9.4

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-08-10
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft):

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	1.340	1.0	1.340
Benzo(a)anthracene	1.730	0.1	0.173
Benzo(b)fluoranthene	2.250	0.1	0.225
Benzo(k)fluoranthene	0.676	0.01	0.007
Chrysene	1.730	0.001	0.002
Dibenz(a,h)anthracene	0.317	1.0	0.317
Indeno(1,2,3-cd)pyrene	0.927	0.1	0.093

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 2.2

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-09-10
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 8 to 10

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.389	1.0	0.389
Benzo(a)anthracene	0.475	0.1	0.048
Benzo(b)fluoranthene	0.650	0.1	0.065
Benzo(k)fluoranthene	0.225	0.01	0.002
Chrysene	0.492	0.001	0.000
Dibenz(a,h)anthracene	0.107	1.0	0.107
Indeno(1,2,3-cd)pyrene	0.306	0.1	0.031

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 0.6

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-10-10
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 8 to 10 feet bls

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.735	1.0	0.735
Benzo(a)anthracene	0.939	0.1	0.094
Benzo(b)fluoranthene	1.170	0.1	0.117
Benzo(k)fluoranthene	0.439	0.01	0.004
Chrysene	0.939	0.001	0.001
Dibenz(a,h)anthracene	0.166	1.0	0.166
Indeno(1,2,3-cd)pyrene	0.487	0.1	0.049

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 1.2

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-12-10
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 0.5 to 2

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.528	1.0	0.528
Benzo(a)anthracene	0.627	0.1	0.063
Benzo(b)fluoranthene	0.882	0.1	0.088
Benzo(k)fluoranthene	0.337	0.01	0.003
Chrysene	0.671	0.001	0.001
Dibenz(a,h)anthracene	0.137	1.0	0.137
Indeno(1,2,3-cd)pyrene	0.395	0.1	0.040

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 0.9

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-13-10
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 8 to 10

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	1.630	1.0	1.630
Benzo(a)anthracene	2.060	0.1	0.206
Benzo(b)fluoranthene	2.640	0.1	0.264
Benzo(k)fluoranthene	0.740	0.01	0.007
Chrysene	1.900	0.001	0.002
Dibenz(a,h)anthracene	0.325	1.0	0.325
Indeno(1,2,3-cd)pyrene	1.040	0.1	0.104

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 2.5

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-14-10
Sample Date 5/27/2015
Location: 14925 SW 67th Avenue, Miami, FL
Depth (ft): 8 to 10

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.914	1.0	0.914
Benzo(a)anthracene	1.100	0.1	0.110
Benzo(b)fluoranthene	1.510	0.1	0.151
Benzo(k)fluoranthene	0.512	0.01	0.005
Chrysene	1.110	0.001	0.001
Dibenz(a,h)anthracene	0.194	1.0	0.194
Indeno(1,2,3-cd)pyrene	0.671	0.1	0.067

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 1.4

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-05W-0.5
Sample Date 7/15/2015
Location:
Depth (ft): 0.5

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.108	1.0	0.108
Benzo(a)anthracene	0.082	0.1	0.008
Benzo(b)fluoranthene	0.178	0.1	0.018
Benzo(k)fluoranthene	0.067	0.01	0.001
Chrysene	0.132	0.001	0.000
Dibenz(a,h)anthracene	0.004	1.0	0.004
Indeno(1,2,3-cd)pyrene	0.088	0.1	0.009

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 0.1

The concentration shown does not exceed the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-22S-04
Sample Date 7/15/2015
Location:
Depth (ft): 4

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.417	1.0	0.417
Benzo(a)anthracene	0.259	0.1	0.026
Benzo(b)fluoranthene	0.816	0.1	0.082
Benzo(k)fluoranthene	0.307	0.01	0.003
Chrysene	0.591	0.001	0.001
Dibenz(a,h)anthracene	0.094	1.0	0.094
Indeno(1,2,3-cd)pyrene	0.395	0.1	0.040

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 0.7

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-22N-0.5
Sample Date 7/15/2015
Location:
Depth (ft): 0.5

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.83	1.0	0.830
Benzo(a)anthracene	0.757	0.1	0.076
Benzo(b)fluoranthene	1.38	0.1	0.138
Benzo(k)fluoranthene	0.47	0.01	0.005
Chrysene	1.03	0.001	0.001
Dibenz(a,h)anthracene	0.155	1.0	0.155
Indeno(1,2,3-cd)pyrene	0.786	0.1	0.079

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 1.3

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-22N1-0.5
Sample Date 7/15/2015
Location:
Depth (ft): 0.5

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.086	1.0	0.086
Benzo(a)anthracene	0.052	0.1	0.005
Benzo(b)fluoranthene	0.156	0.1	0.016
Benzo(k)fluoranthene	0.066	0.01	0.001
Chrysene	0.120	0.001	0.000
Dibenz(a,h)anthracene	0.024	1.0	0.024
Indeno(1,2,3-cd)pyrene	0.100	0.1	0.010

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 0.1

The concentration shown does not exceed the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-22NW-0.5
Sample Date 7/15/2015
Location:
Depth (ft): 0.5

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.052	1.0	0.052
Benzo(a)anthracene	0.009	0.1	0.001
Benzo(b)fluoranthene	0.109	0.1	0.011
Benzo(k)fluoranthene	0.048	0.01	0.000
Chrysene	0.070	0.001	0.000
Dibenz(a,h)anthracene	0.023	1.0	0.023
Indeno(1,2,3-cd)pyrene	0.084	0.1	0.008

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 0.1

The concentration shown does not exceed the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-22S-0.5
Sample Date 7/15/2015
Location:
Depth (ft): 0.5

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.223	1.0	0.223
Benzo(a)anthracene	0.139	0.1	0.014
Benzo(b)fluoranthene	0.436	0.1	0.044
Benzo(k)fluoranthene	0.182	0.01	0.002
Chrysene	0.303	0.001	0.000
Dibenz(a,h)anthracene	0.035	1.0	0.035
Indeno(1,2,3-cd)pyrene	0.237	0.1	0.024

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 0.3

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-22S-02
Sample Date 7/15/2015
Location:
Depth (ft): 2

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.197	1.0	0.197
Benzo(a)anthracene	0.141	0.1	0.014
Benzo(b)fluoranthene	0.299	0.1	0.030
Benzo(k)fluoranthene	0.125	0.01	0.001
Chrysene	0.213	0.001	0.000
Dibenz(a,h)anthracene	0.004	1.0	0.004
Indeno(1,2,3-cd)pyrene	0.184	0.1	0.018

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 0.3

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-22S1-0.5
Sample Date 7/15/2015
Location:
Depth (ft): 0.5

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	2.030	1.0	2.030
Benzo(a)anthracene	1.560	0.1	0.156
Benzo(b)fluoranthene	3.430	0.1	0.343
Benzo(k)fluoranthene	1.170	0.01	0.012
Chrysene	2.420	0.001	0.002
Dibenz(a,h)anthracene	0.351	1.0	0.351
Indeno(1,2,3-cd)pyrene	1.930	0.1	0.193

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 3.1

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-22S1-2
Sample Date 7/15/2015
Location:
Depth (ft): 2

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.024	1.0	0.024
Benzo(a)anthracene	0.008	0.1	0.001
Benzo(b)fluoranthene	0.026	0.1	0.003
Benzo(k)fluoranthene	0.008	0.01	0.000
Chrysene	0.008	0.001	0.000
Dibenz(a,h)anthracene	0.013	1.0	0.013
Indeno(1,2,3-cd)pyrene	0.042	0.1	0.004

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 0.0

The concentration shown does not exceed the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-22S1W-0.5
Sample Date
Location:
Depth (ft): 0.5

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	3.800	1.0	3.800
Benzo(a)anthracene	1.850	0.1	0.185
Benzo(b)fluoranthene	6.820	0.1	0.682
Benzo(k)fluoranthene	2.710	0.01	0.027
Chrysene	4.570	0.001	0.005
Dibenz(a,h)anthracene	0.689	1.0	0.689
Indeno(1,2,3-cd)pyrene	4.090	0.1	0.409

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 5.8

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-22S1W2-0.5
Sample Date
Location:
Depth (ft): 0.5

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.062	1.0	0.062
Benzo(a)anthracene	0.029	0.1	0.003
Benzo(b)fluoranthene	0.134	0.1	0.013
Benzo(k)fluoranthene	0.104	0.01	0.001
Chrysene	0.122	0.001	0.000
Dibenz(a,h)anthracene	0.007	1.0	0.007
Indeno(1,2,3-cd)pyrene	0.029	0.1	0.003

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 0.1

The concentration shown does not exceed the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-22S2-0.5
Sample Date 8/17/2015
Location:
Depth (ft): 0.5

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.329	1.0	0.329
Benzo(a)anthracene	0.198	0.1	0.020
Benzo(b)fluoranthene	0.560	0.1	0.056
Benzo(k)fluoranthene	0.288	0.01	0.003
Chrysene	0.414	0.001	0.000
Dibenz(a,h)anthracene	0.007	1.0	0.007
Indeno(1,2,3-cd)pyrene	0.358	0.1	0.036

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 0.5

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-22SW-0.5 CA-22SW-0.5
Sample Date 7/15/2015
Location:
Depth (ft): 0.5

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.057	1.0	0.057
Benzo(a)anthracene	0.028	0.1	0.003
Benzo(b)fluoranthene	0.095	0.1	0.010
Benzo(k)fluoranthene	0.047	0.01	0.000
Chrysene	0.066	0.001	0.000
Dibenz(a,h)anthracene	0.002	1.0	0.002
Indeno(1,2,3-cd)pyrene	0.056	0.1	0.006

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 0.1

The concentration shown does not exceed the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-22S1W-0.5
Sample Date 8/17/2015
Location:
Depth (ft): 0.5

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.329	1.0	0.329
Benzo(a)anthracene	0.198	0.1	0.020
Benzo(b)fluoranthene	0.560	0.1	0.056
Benzo(k)fluoranthene	0.288	0.01	0.003
Chrysene	0.414	0.001	0.000
Dibenz(a,h)anthracene	0.007	1.0	0.007
Indeno(1,2,3-cd)pyrene	0.358	0.1	0.036

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 0.5

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-22S-2
Sample Date 8/17/2015
Location:
Depth (ft): 2

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	1.870	1.0	1.870
Benzo(a)anthracene	0.732	0.1	0.073
Benzo(b)fluoranthene	3.620	0.1	0.362
Benzo(k)fluoranthene	1.800	0.01	0.018
Chrysene	2.440	0.001	0.002
Dibenz(a,h)anthracene	0.360	1.0	0.360
Indeno(1,2,3-cd)pyrene	2.100	0.1	0.210

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 2.9

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-22S-2
Sample Date 8/17/2015
Location:
Depth (ft): 2

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	1.870	1.0	1.870
Benzo(a)anthracene	0.732	0.1	0.073
Benzo(b)fluoranthene	3.620	0.1	0.362
Benzo(k)fluoranthene	1.800	0.01	0.018
Chrysene	2.440	0.001	0.002
Dibenz(a,h)anthracene	0.360	1.0	0.360
Indeno(1,2,3-cd)pyrene	2.100	0.1	0.210

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 2.9

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-22S2-0.5
Sample Date 8/17/2015
Location:
Depth (ft): 0.5

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	3.800	1.0	3.800
Benzo(a)anthracene	1.850	0.1	0.185
Benzo(b)fluoranthene	6.820	0.1	0.682
Benzo(k)fluoranthene	2.710	0.01	0.027
Chrysene	4.570	0.001	0.005
Dibenz(a,h)anthracene	0.689	1.0	0.689
Indeno(1,2,3-cd)pyrene	4.090	0.1	0.409

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 5.8

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown EXCEEDS the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Site Name: Former FPL Cutler Plant
Location: 14925 SW 67th Avenue, Miami, FL
Facility ID No.:

Soil Sample No. CA-22S2W-0.5
Sample Date 8/17/2015
Location:
Depth (ft): 0.5

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.019	1.0	0.019
Benzo(a)anthracene	0.031	0.1	0.003
Benzo(b)fluoranthene	0.106	0.1	0.011
Benzo(k)fluoranthene	0.031	0.01	0.000
Chrysene	0.086	0.001	0.000
Dibenz(a,h)anthracene	0.008	1.0	0.008
Indeno(1,2,3-cd)pyrene	0.031	0.1	0.003

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 0.0

The concentration shown does not exceed the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	Not estimated	M	1/2 reported value

Groundwater Laboratory Analytical Reports, Chains of Custody and Sample Logs

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July 8, 2015

Scott Zednek
Tierra Consulting Group, Inc.
5815 N. Andrews Way
Suite B
Fort Lauderdale, FL 33309

RE:	LOG#	1541973
	Project ID:	Former FPL Cutler Plant
	COC#	54197.

Dear Scott Zednek:

Enclosed are the analytical results for sample(s) received by the laboratory on Monday, June 01, 2015. Results reported herein conform to the most current NELAC standards, where applicable, unless indicated by * in the body of the report. The enclosed Chain of Custody is a component of this package and should be retained with the package and incorporated therein.

Results for all solid matrices are reported in dry weight unless otherwise noted. Results for all liquid matrices are reported as received in the laboratory unless otherwise noted. Results relate only to the samples received. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

Samples are disposed of after 30 days of their receipt by the laboratory unless extended storage is requested in writing. The laboratory maintains the right to charge storage fees for archived samples. This report will be archived for 5 years after which time it will be destroyed without further notice, unless prior arrangements have been made.

Certain analyses are subcontracted to outside NELAC certified laboratories, please see the Project Summary section of this report for NELAC certification numbers of laboratories used. A Statement of Qualifiers is available upon request.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Melissa Mills for
Kacia Baldwin
V.P. of Operations

FDOH# E86546

CERTIFICATE OF ANALYSIS

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Jupiter Environmental Laboratories, Inc.
150 S. Old Dixie Highway
Jupiter, FL 33458
Phone: (561)575-0030
Fax: (561)575-4118

SAMPLE ANALYTE COUNT

Workorder: 1541973

Project ID: Former FPL Cutler Plant

Lab ID	Sample ID	Method	Analytes Reported
1541973001	MW-E3	EPA 200.8 (Total)	4
		EPA 8270/PAH SIM	21
		FL-PRO (GC)	3
1541973002	MW-E5	EPA 200.8 (Total)	4
		EPA 8270/PAH SIM	21
		FL-PRO (GC)	3

FDOH# E86546

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Fax: (561)575-4118

SAMPLE SUMMARY

Workorder: 1541973

Project ID: Former FPL Cutler Plant

Lab ID	Sample ID	Matrix	Date Collected	Date Received
1541973001	MW-E3	Aqueous Liquid	6/1/2015 10:41	6/1/2015 16:45
1541973002	MW-E5	Aqueous Liquid	6/1/2015 11:53	6/1/2015 16:45

FDOH# E86546

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Phone: (561)575-0030
Fax: (561)575-4118

ANALYTICAL RESULTS

Workorder: 1541973

Project ID: Former FPL Cutler Plant

Lab ID:	**1541973001**	Date Received:	6/1/2015 16:45	Matrix:	Aqueous Liquid
Sample ID:	**MW-E3**	Date Collected:	6/1/2015 10:41		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: PAH List by 8270C SIM (W)					Preparation Method: EPA 3510C SIM Analytical Method: EPA 8270/PAH SIM					
1-Methylnaphthalene	U	ug/L	0.093	0.047	1	6/4/2015 15:57	BH	6/5/2015 04:19	KB	
2-Methylnaphthalene	U	ug/L	0.093	0.047	1	6/4/2015 15:57	BH	6/5/2015 04:19	KB	
Acenaphthene	U	ug/L	0.047	0.023	1	6/4/2015 15:57	BH	6/5/2015 04:19	KB	
Acenaphthylene	U	ug/L	0.047	0.023	1	6/4/2015 15:57	BH	6/5/2015 04:19	KB	
Anthracene	U	ug/L	0.047	0.023	1	6/4/2015 15:57	BH	6/5/2015 04:19	KB	
Benzo(a)anthracene	U	ug/L	0.047	0.023	1	6/4/2015 15:57	BH	6/5/2015 04:19	KB	
Benzo(a)pyrene	U	ug/L	0.047	0.014	1	6/4/2015 15:57	BH	6/5/2015 04:19	KB	
Benzo(b)fluoranthene	U	ug/L	0.047	0.014	1	6/4/2015 15:57	BH	6/5/2015 04:19	KB	
Benzo(g,h,i)perylene	U	ug/L	0.047	0.014	1	6/4/2015 15:57	BH	6/5/2015 04:19	KB	
Benzo(k)fluoranthene	U	ug/L	0.047	0.014	1	6/4/2015 15:57	BH	6/5/2015 04:19	KB	
Chrysene	U	ug/L	0.047	0.023	1	6/4/2015 15:57	BH	6/5/2015 04:19	KB	
Dibenzo(a,h)anthracene	U	ug/L	0.047	0.0048	1	6/4/2015 15:57	BH	6/5/2015 04:19	KB	
Fluoranthene	U	ug/L	0.047	0.023	1	6/4/2015 15:57	BH	6/5/2015 04:19	KB	
Fluorene	U	ug/L	0.047	0.023	1	6/4/2015 15:57	BH	6/5/2015 04:19	KB	
Indeno(1,2,3-cd)pyrene	U	ug/L	0.047	0.014	1	6/4/2015 15:57	BH	6/5/2015 04:19	KB	
Naphthalene	U	ug/L	0.093	0.047	1	6/4/2015 15:57	BH	6/5/2015 04:19	KB	
Phenanthrene	U	ug/L	0.047	0.023	1	6/4/2015 15:57	BH	6/5/2015 04:19	KB	
Pyrene	U	ug/L	0.047	0.023	1	6/4/2015 15:57	BH	6/5/2015 04:19	KB	
Nitrobenzene-d5 (S)	64	%	30-110		1	6/4/2015 15:57	BH	6/5/2015 04:19	KB	
2-Fluorobiphenyl (S)	79	%	30-110		1	6/4/2015 15:57	BH	6/5/2015 04:19	KB	
p-Terphenyl-d14 (S)	106	%	30-140		1	6/4/2015 15:57	BH	6/5/2015 04:19	KB	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (W)					Preparation Method: EPA 3510C Analytical Method: FL-PRO (GC)					
Florida Pro Total	0.316i	mg/L	0.400	0.200	2	6/2/2015 16:47	BH	6/7/2015 15:18	BFM	
o-Terphenyl (S)	81	%	50-150		2	6/2/2015 16:47	BH	6/7/2015 15:18	BFM	
n-Triacontane-d62 (S)	93	%	50-150		2	6/2/2015 16:47	BH	6/7/2015 15:18	BFM	
Analysis Desc: EPA 200.8 Metals (W)					Preparation Method: EPA 200.2 mod. Analytical Method: EPA 200.8 (Total)					
Vanadium	60	ug/L	2.0	0.18	4	6/2/2015 16:49	ZS	6/3/2015 11:35	ZS	
Nickel	0.55i	ug/L	2.0	0.24	4	6/2/2015 16:49	ZS	6/3/2015 11:35	ZS	
Arsenic	4.2	ug/L	2.0	0.65	4	6/2/2015 16:49	ZS	6/3/2015 11:35	ZS	
Antimony	3.9	ug/L	2.0	0.95	4	6/2/2015 16:49	ZS	6/3/2015 11:35	ZS	

FDOH# E86546

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ANALYTICAL RESULTS

Workorder: 1541973

Project ID: Former FPL Cutler Plant

Lab ID:	**1541973002**	Date Received:	6/1/2015 16:45	Matrix:	Aqueous Liquid
Sample ID:	**MW-E5**	Date Collected:	6/1/2015 11:53		

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C										
Analysis Desc: PAH List by 8270C SIM (W)					Preparation Method: EPA 3510C SIM Analytical Method: EPA 8270/PAH SIM					
1-Methylnaphthalene	U	ug/L	0.094	0.047	1	6/2/2015 17:04	BH	6/5/2015 04:46	KB	
2-Methylnaphthalene	U	ug/L	0.094	0.047	1	6/2/2015 17:04	BH	6/5/2015 04:46	KB	
Acenaphthene	U	ug/L	0.047	0.024	1	6/2/2015 17:04	BH	6/5/2015 04:46	KB	
Acenaphthylene	U	ug/L	0.047	0.024	1	6/2/2015 17:04	BH	6/5/2015 04:46	KB	
Anthracene	U	ug/L	0.047	0.024	1	6/2/2015 17:04	BH	6/5/2015 04:46	KB	
Benzo(a)anthracene	U	ug/L	0.047	0.024	1	6/2/2015 17:04	BH	6/5/2015 04:46	KB	
Benzo(a)pyrene	U	ug/L	0.047	0.014	1	6/2/2015 17:04	BH	6/5/2015 04:46	KB	
Benzo(b)fluoranthene	U	ug/L	0.047	0.014	1	6/2/2015 17:04	BH	6/5/2015 04:46	KB	
Benzo(g,h,i)perylene	U	ug/L	0.047	0.014	1	6/2/2015 17:04	BH	6/5/2015 04:46	KB	
Benzo(k)fluoranthene	U	ug/L	0.047	0.014	1	6/2/2015 17:04	BH	6/5/2015 04:46	KB	
Chrysene	U	ug/L	0.047	0.024	1	6/2/2015 17:04	BH	6/5/2015 04:46	KB	
Dibenzo(a,h)anthracene	U	ug/L	0.047	0.0048	1	6/2/2015 17:04	BH	6/5/2015 04:46	KB	
Fluoranthene	U	ug/L	0.047	0.024	1	6/2/2015 17:04	BH	6/5/2015 04:46	KB	
Fluorene	U	ug/L	0.047	0.024	1	6/2/2015 17:04	BH	6/5/2015 04:46	KB	
Indeno(1,2,3-cd)pyrene	U	ug/L	0.047	0.014	1	6/2/2015 17:04	BH	6/5/2015 04:46	KB	
Naphthalene	0.078i	ug/L	0.094	0.047	1	6/2/2015 17:04	BH	6/5/2015 04:46	KB	
Phenanthrene	U	ug/L	0.047	0.024	1	6/2/2015 17:04	BH	6/5/2015 04:46	KB	
Pyrene	U	ug/L	0.047	0.024	1	6/2/2015 17:04	BH	6/5/2015 04:46	KB	
Nitrobenzene-d5 (S)	60	%	30-110		1	6/2/2015 17:04	BH	6/5/2015 04:46	KB	
2-Fluorobiphenyl (S)	69	%	30-110		1	6/2/2015 17:04	BH	6/5/2015 04:46	KB	
p-Terphenyl-d14 (S)	83	%	30-140		1	6/2/2015 17:04	BH	6/5/2015 04:46	KB	
Semivolatiles by GC										
Analysis Desc: Florida PRO by GC (W)					Preparation Method: EPA 3510C Analytical Method: FL-PRO (GC)					
Florida Pro Total	0.362i	mg/L	0.400	0.200	2	6/2/2015 16:47	BH	6/7/2015 15:40	BFM	
o-Terphenyl (S)	74	%	50-150		2	6/2/2015 16:47	BH	6/7/2015 15:40	BFM	
n-Triacontane-d62 (S)	85	%	50-150		2	6/2/2015 16:47	BH	6/7/2015 15:40	BFM	
Analysis Desc: EPA 200.8 Metals (W)					Preparation Method: EPA 200.2 mod. Analytical Method: EPA 200.8 (Total)					
Vanadium	6.6	ug/L	2.0	0.18	4	6/2/2015 16:49	ZS	6/3/2015 11:35	ZS	
Nickel	0.78i	ug/L	2.0	0.24	4	6/2/2015 16:49	ZS	6/3/2015 11:35	ZS	
Arsenic	20	ug/L	2.0	0.65	4	6/2/2015 16:49	ZS	6/3/2015 11:35	ZS	
Antimony	1.5i	ug/L	2.0	0.95	4	6/2/2015 16:49	ZS	6/3/2015 11:35	ZS	

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ANALYTICAL RESULTS QUALIFIERS

Workorder: 1541973

Project ID: Former FPL Cutler Plant

PARAMETER QUALIFIERS

PROJECT COMMENTS

1541973	A reported value of U indicates that the compound was analyzed for but not detected above the MDL. A value flagged with an "i" flag indicates that the reported value is between the laboratory method detection limit and the practical quantitation limit. RR1|Revised Report, Revision #1 (see date below)

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QUALITY CONTROL DATA

Workorder: 1541973

Project ID: Former FPL Cutler Plant

QC Batch: XXX/7791 Analysis Method: FL-PRO (GC)

QC Batch Method: EPA 3510C

Associated Lab Samples: 1541912001 1541955001 1541955002 1541955003 1541955004 1541972001 1541972002 1541972003 1541972004 1541973001 1541973002 1541974002 1541980001

METHOD BLANK: 80587

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Semivolatiles by GC				
o-Terphenyl (S)	%	98	50-150	
n-Triacontane-d62 (S)	%	107	50-150	
Florida Pro Total	mg/L	U	0.200	

LABORATORY CONTROL SAMPLE & LCSD: 80588 80589

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Semivolatiles by GC										
o-Terphenyl (S)	%				91	91	50-150	2	20	
n-Triacontane-d62 (S)	%				95	93	50-150	2	20	
Florida Pro Total	mg/L	0.846	0.801	0.925	95	109	55-118	14	20	

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QUALITY CONTROL DATA

Workorder: 1541973

Project ID: Former FPL Cutler Plant

QC Batch: XXX/7824 Analysis Method: EPA 8270/PAH SIM

QC Batch Method: EPA 3510C SIM

Associated Lab Samples: 1541955001 1541955002 1541955003 1541955004 1541972001 1541972002 1541972003 1541972004 1541973002

METHOD BLANK: 81093

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Semivolatiles by EPA 8270C				
Nitrobenzene-d5 (S)	%	60	30-110	
2-Fluorobiphenyl (S)	%	69	30-110	
p-Terphenyl-d14 (S)	%	168	30-140	J1
Naphthalene	ug/L	U	0.050	
2-Methylnaphthalene	ug/L	U	0.050	
1-Methylnaphthalene	ug/L	U	0.050	
Acenaphthylene	ug/L	U	0.025	
Acenaphthene	ug/L	U	0.025	
Fluorene	ug/L	U	0.025	
Phenanthrene	ug/L	U	0.025	
Anthracene	ug/L	U	0.025	
Fluoranthene	ug/L	U	0.025	
Pyrene	ug/L	U	0.025	
Benzo(a)anthracene	ug/L	U	0.025	
Chrysene	ug/L	U	0.025	
Benzo(b)fluoranthene	ug/L	U	0.015	
Benzo(k)fluoranthene	ug/L	U	0.015	
Benzo(a)pyrene	ug/L	U	0.015	
Dibenzo(a,h)anthracene	ug/L	U	0.0051	
Indeno(1,2,3-cd)pyrene	ug/L	U	0.015	
Benzo(g,h,i)perylene	ug/L	U	0.015	

LABORATORY CONTROL SAMPLE & LCSD: 81094 81095

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Semivolatiles by EPA 8270C										
Nitrobenzene-d5 (S)	%				55	60	30-110	9	40	
2-Fluorobiphenyl (S)	%				60	63	30-110	6	40	
p-Terphenyl-d14 (S)	%				87	84	30-140	4	40	
Naphthalene	ug/L	5	2.43	2.70	49	54	30-140	11	40	
2-Methylnaphthalene	ug/L	4.93	2.78	3.01	56	61	30-140	8	40	
1-Methylnaphthalene	ug/L	4.99	2.63	2.92	53	59	30-140	10	40	
Acenaphthylene	ug/L	4.91	3.15	3.50	64	71	30-120	11	40	
Acenaphthene	ug/L	5	2.99	3.24	60	65	30-120	8	40	

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QUALITY CONTROL DATA

Workorder: 1541973

Project ID: Former FPL Cutler Plant

LABORATORY CONTROL SAMPLE & LCSD: 81094 81095

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Fluorene	ug/L	5.01	3.41	3.95	68	79	30-140	15	40	
Phenanthrene	ug/L	4.95	3.52	3.79	71	77	30-120	7	40	
Anthracene	ug/L	5	3.63	3.93	73	79	30-140	8	40	
Fluoranthene	ug/L	5	3.83	4.62	77	93	30-120	19	40	
Pyrene	ug/L	4.94	3.42	3.20	69	65	40-140	7	40	
Benzo(a)anthracene	ug/L	4.95	3.83	4.15	77	84	30-120	8	40	
Chrysene	ug/L	4.91	3.22	3.27	66	67	30-140	2	40	
Benzo(b)fluoranthene	ug/L	5	3.51	3.84	70	77	30-140	9	40	
Benzo(k)fluoranthene	ug/L	5	3.94	3.90	79	78	30-140	1	40	
Benzo(a)pyrene	ug/L	5	3.12	3.49	62	70	30-140	11	40	
Dibenzo(a,h)anthracene	ug/L	5	3.01	2.84	60	57	30-140	6	40	
Indeno(1,2,3-cd)pyrene	ug/L	4.91	3.42	3.39	70	69	30-140	0.9	40	
Benzo(g,h,i)perylene	ug/L	4.91	3.14	3.02	64	62	30-120	4	40	

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QUALITY CONTROL DATA

Workorder: 1541973

Project ID: Former FPL Cutler Plant

QC Batch: MXX/6847 Analysis Method: EPA 200.8 (Total)

QC Batch Method: EPA 200.2 mod.

Associated Lab Samples: 1541973001 1541973002 1541974002 1541983001 1541983002 1541983003 1541983004 1541983005 1541983006 1541983007 1541986057 1541986058 1541986059 1541986060 1541986061 1541986062 1541986063 1541986064 1541986065 1541986066

METHOD BLANK: 81106

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Vanadium	ug/L	U	0.046	
Nickel	ug/L	U	0.059	
Arsenic	ug/L	U	0.16	
Antimony	ug/L	U	0.24	

LABORATORY CONTROL SAMPLE & LCSD: 81107 81108

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Vanadium	ug/L	50	50	50	99.8	99.4	85-115	0	20	
Nickel	ug/L	50	51	51	103	103	85-115	0	20	
Arsenic	ug/L	50	50	50	99.2	100	85-115	0	20	
Antimony	ug/L	50	49	52	97.2	104	85-115	5.94	20	

MATRIX SPIKE SAMPLE: 81110 Original: 1541983007

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Vanadium	ug/L						
Nickel	ug/L						
Arsenic	ug/L	1.6	50	55	106	70-130	
Antimony	ug/L						

SAMPLE DUPLICATE: 81109 Original: 1541983007

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Vanadium	ug/L		U			
Nickel	ug/L		U			

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QUALITY CONTROL DATA

Workorder: 1541973

Project ID: Former FPL Cutler Plant

SAMPLE DUPLICATE: 81109 Original: 1541983007

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Arsenic	ug/L	1.6	1.7i	6.06	20	
Antimony	ug/L		U			

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QUALITY CONTROL DATA

Workorder: 1541973

Project ID: Former FPL Cutler Plant

QC Batch: XXX/7834 Analysis Method: EPA 8270/PAH SIM

QC Batch Method: EPA 3510C SIM

Associated Lab Samples: 1541973001 1541991001 1541991002 1541991003 1541992004 1541992005 1541992006 1541993001 1541993002 1541993003 1541999001 1541999002 1541999003 1541999004 1541999005 1541999006 1541999007 1541999008 1541999009 1542011001

METHOD BLANK: 81266

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Semivolatiles by EPA 8270C				
Nitrobenzene-d5 (S)	%	47	30-110	
2-Fluorobiphenyl (S)	%	54	30-110	
p-Terphenyl-d14 (S)	%	136	30-140	
Naphthalene	ug/L	U	0.050	
2-Methylnaphthalene	ug/L	U	0.050	
1-Methylnaphthalene	ug/L	U	0.050	
Acenaphthylene	ug/L	U	0.025	
Acenaphthene	ug/L	U	0.025	
Fluorene	ug/L	U	0.025	
Phenanthrene	ug/L	U	0.025	
Anthracene	ug/L	U	0.025	
Fluoranthene	ug/L	U	0.025	
Pyrene	ug/L	U	0.025	
Benzo(a)anthracene	ug/L	U	0.025	
Chrysene	ug/L	U	0.025	
Benzo(b)fluoranthene	ug/L	U	0.015	
Benzo(k)fluoranthene	ug/L	U	0.015	
Benzo(a)pyrene	ug/L	U	0.015	
Dibenzo(a,h)anthracene	ug/L	U	0.0051	
Indeno(1,2,3-cd)pyrene	ug/L	U	0.015	
Benzo(g,h,i)perylene	ug/L	U	0.015	

LABORATORY CONTROL SAMPLE & LCSD: 81267 81268

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Semivolatiles by EPA 8270C										
Nitrobenzene-d5 (S)	%				54	55	30-110	3	40	
2-Fluorobiphenyl (S)	%				63	70	30-110	10	40	
p-Terphenyl-d14 (S)	%				94	104	30-140	9	40	
Naphthalene	ug/L	5	2.61	2.89	52	58	30-140	10	40	
2-Methylnaphthalene	ug/L	4.93	2.95	3.15	60	64	30-140	7	40	
1-Methylnaphthalene	ug/L	4.99	2.82	3.05	57	61	30-140	8	40	

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QUALITY CONTROL DATA

Workorder: 1541973

Project ID: Former FPL Cutler Plant

LABORATORY CONTROL SAMPLE & LCSD: 81267 81268

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Acenaphthylene	ug/L	4.91	3.17	3.39	65	69	30-120	7	40	
Acenaphthene	ug/L	5	3.06	3.25	61	65	30-120	6	40	
Fluorene	ug/L	5.01	3.70	3.91	74	78	30-140	6	40	
Phenanthrene	ug/L	4.95	3.48	3.61	70	73	30-120	4	40	
Anthracene	ug/L	5	3.59	3.74	72	75	30-140	4	40	
Fluoranthene	ug/L	5	4.04	4.08	81	82	30-120	1	40	
Pyrene	ug/L	4.94	3.56	3.80	72	77	40-140	7	40	
Benzo(a)anthracene	ug/L	4.95	3.65	3.65	74	74	30-120	0	40	
Chrysene	ug/L	4.91	3.09	3.20	63	65	30-140	3	40	
Benzo(b)fluoranthene	ug/L	5	3.58	3.73	72	75	30-140	4	40	
Benzo(k)fluoranthene	ug/L	5	3.90	4.09	78	82	30-140	5	40	
Benzo(a)pyrene	ug/L	5	3.08	3.19	62	64	30-140	4	40	
Dibenzo(a,h)anthracene	ug/L	5	2.62	2.79	52	56	30-140	6	40	
Indeno(1,2,3-cd)pyrene	ug/L	4.91	3.14	3.36	64	68	30-140	7	40	
Benzo(g,h,i)perylene	ug/L	4.91	2.88	2.96	59	60	30-120	3	40	

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QUALITY CONTROL DATA QUALIFIERS

Workorder: 1541973

Project ID: Former FPL Cutler Plant

QUALITY CONTROL PARAMETER QUALIFIERS

J1	Surrogate recovery was outside defined limits.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: 1541973

Project ID: Former FPL Cutler Plant

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
1541973001	**MW-E3**	EPA 3510C	XXX/7791	FL-PRO (GC)	XGCP/3132
1541973002	**MW-E5**	EPA 3510C	XXX/7791	FL-PRO (GC)	XGCP/3132
1541973002	**MW-E5**	EPA 3510C SIM	XXX/7824	EPA 8270/PAH SIM	XMS/4329
1541973001	**MW-E3**	EPA 200.2 mod.	MXX/6847	EPA 200.8 (Total)	MMS/6128
1541973002	**MW-E5**	EPA 200.2 mod.	MXX/6847	EPA 200.8 (Total)	MMS/6128
1541973001	**MW-E3**	EPA 3510C SIM	XXX/7834	EPA 8270/PAH SIM	XMS/4328

FDOH# E86546

CERTIFICATE OF ANALYSIS

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J.E.L. Log # 541973 6/11/15
P.O. # _____
Quote # _____

Company Name: Tierra Consulting Group
Address: On File
City: — State: — Zip: —
Sampling Site Address: 14925 SW 67 Ave Miami, FL
Attn: Scott Zednek Email: admin@tierra consulting.com
Project Name: Former FPL Cutler Plant Project #: 15426
Sampler Name/Signature: Thomas Knox / [signature]

Requested Turnaround Time
Note: Rush requests subject to acceptance by the laboratory
✓ Standard
___ Expedited
Due ___/___/___

LAB ANALYSIS

#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code*	# of Cont	TRPH /FL-PRO	PAHs	As, Sb, Ni, V	Field Filtered (Y/N)	Comments
1	MW-~~3E~~ E3 ①	6/1/15	10:41	GW	3	X	X	X		
2	MW-~~5E~~ E5 ①	6/1/15	11:53	GW	3	X	X	X		① MM per TK see email 7/20/15
3										
4										
5										
6										
7										
8										
9										
0										

Parameters — Pres Codes

Matrix Codes*
S Soil/Solid Sediment; SW Surface Water; GW Ground Water; SL Sludge; WW Waste Water; O Other (Please Specify); DW Drinking Water

Pres Codes
A- none; I- Ice; B- HNO_3; O- Other; C- H_2SO_4; M- MeOH; D- NaOH; N- $Na_2S_2O_3$; E- HCl; Z- ZnAc

Relinquished by	Date	Time	Received by	Date	Time
[signature]	6/1/15	15:40	Timothy Madigan	6-1-15	15:40
[signature]	6-1-15	1645	[signature]	6-1-15	1645

QA/QC level with report
None ___1___2___3___ See price guide for applicable fees

FDEP Dry Cleaning ☐ FDEP UST Pre-Approval ☐
SFWMD ☐ ADaPT ☐ DOT ☐

Temp Control: 4 °C

Page 1 of 1

541973

Login Checklist

Cooler Unpacked/Checked by: 80 Date: 04-01-15

JEL LOG#: 1541973

Cooler Check

Cooler ID	Cooler Temp (C)	# of Samples in Cooler	Evidence Tape				Method of Receipt		
			Present?		Intact?				
			Yes	No	Yes	No	Drop Off	Comm. Carrier	Pick Up
	4	2		/					/

Note: if the temperature of a cooler is above 6C or an evidence seal is damaged then identify the bottles in the affected cooler(s) on the sample discrepancy form.
*Write tracking number only if waybill copy cannot be placed in the folder

Condition of Containers:

Loose Caps: Yes_____ No_____/
If yes, fill out sample discrepancy form.

Broken Containers: Yes_____ No_____/
If yes, fill out sample discrepancy form.

Acid Preserved Samples: Are their pHs <=2 ?Yes_____/ No_____ N/A_____
If yes, pH strip lot #:HC412469
If no: Fill out sample discrepancy form
Check unpreserved containers with same Field ID
If acid is added: HCL Lot #: 97880 , HNO3 Lot #: 10112 , H2SO4 Lot #:

Base Preserved Samples: Are their pHs >=12 or 9 ?Yes_____ No_____ N/A_____/
(Cyanide >= 12; Sulfide >=9)
If yes, pH strip lot #: HC412469
If no: Fill out sample discrepancy form
Check unpreserved containers with same Field ID
If base is added: NaOH Lot #:

Are all samples in cooler on COC?: Yes_____/ No_____
If no, fill out sample discrepancy form.

Are all samples on COC in cooler?: Yes_____/ No_____
If no, fill out sample discrepancy form.

N/A = not Applicable Temperature Gun ID #: TEMP-GUN-1

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Former FPL Cutler Plant	SITE LOCATION: 14925 SW 67 Ave. Miami, FL
WELL NO: MW-E3	SAMPLE ID: MW-E3 / DATE: 6/1/15

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 7.22 feet to 17.22 feet	STATIC DEPTH TO WATER (feet): 12.31	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (17.22 feet – 12.31 feet) X 0.16 gallons/foot = 0.7856 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 13.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 13.0	PURGING INITIATED AT: 9:58	PURGING ENDED AT: 10:40	TOTAL VOLUME PURGED (gallons): 4.2

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
10:12	1.4	1.4	0.1	12.36	6.43	27.20	781	3.81	17.7	clear	none
10:15	0.3	1.7	0.1	12.37	6.14	27.15	783	3.37	14.2	clear	none
10:18	0.3	2.0	0.1	12.37	6.16	27.13	783	3.36	9.47	clear	none
10:21	0.3	2.3	0.1	12.37	6.01	27.10	784	3.32	7.51	clear	none
10:24	0.3	2.6	0.1	12.37	6.00	27.14	783	3.35	13.8	clear	none
10:34	1.0	3.6	0.1	12.37	5.99	27.10	784	3.45	10.2	clear	none
10:37	0.3	3.9	0.1	12.37	5.98	27.04	785	3.39	9.20	clear	none
10:40	0.3	4.2	0.1	12.37	5.97	27.05	784	3.42	9.11	clear	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Thomas Knox / TCG	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 10:41	SAMPLING ENDED AT: 10:46
PUMP OR TUBING DEPTH IN WELL (feet): 13.0	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-E3	1	AG	1L	HCl	—	—	TRPH/FL-PRO	APP	400 mL/min
MW-E3	1	AG	1L	none	—	—	PAHs	APP	400 mL/min
MW-E3	1	PE	125mL	HNO3	—	—	Sb, As, Ni, V	APP	400 mL/min

REMARKS: D.O. remained >20% after purging 5 well volumes.

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Former FPL Cutler Plant	SITE LOCATION: 14925 SW 67 Ave. Miami, FL
WELL NO: MW-E5	SAMPLE ID: MW-E5 / DATE: 6/1/15

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 6.24 feet to 16.24 feet	STATIC DEPTH TO WATER (feet): 6.85	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (16.24 feet – 6.85 feet) X 0.16 gallons/foot = 1.5024 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 7.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 7.5	PURGING INITIATED AT: 11:15	PURGING ENDED AT: 11:52	TOTAL VOLUME PURGED (gallons): 3.7

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
11:31	1.6	1.6	0.1	6.90	5.96	27.07	875	1.12	21.3	slightly cloudy	organic
11:34	0.3	1.9	0.1	6.92	5.95	27.04	890	1.09	17.4	clear	organic
11:37	0.3	2.2	0.1	6.92	5.95	27.10	897	1.04	15.2	clear	organic
11:40	0.3	2.5	0.1	6.92	5.94	27.02	910	1.04	11.8	clear	organic
11:43	0.3	2.8	0.1	6.92	5.94	26.94	918	0.97	16.9	clear	organic
11:46	0.3	3.1	0.1	6.92	5.94	26.86	928	0.95	17.4	clear	organic
11:49	0.3	3.4	0.1	6.92	5.97	26.83	937	0.94	13.7	clear	organic
11:52	0.3	3.7	0.1	6.92	5.97	26.82	939	0.92	15.6	clear	organic

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Thomas Knox / TCG	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 11:53	SAMPLING ENDED AT: 11:58
PUMP OR TUBING DEPTH IN WELL (feet): 7.5	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-E5	1	AG	1L	HCl	—	—	TRPH/FL-PRO	APP	400 mL/min
MW-E5	1	AG	1L	none	—	—	PAHs	APP	400 mL/min
MW-E5	1	PE ~~AG~~ Am	125 mL	HNO3	—	—	Sb, As, Ni, V	APP	400 mL/min

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

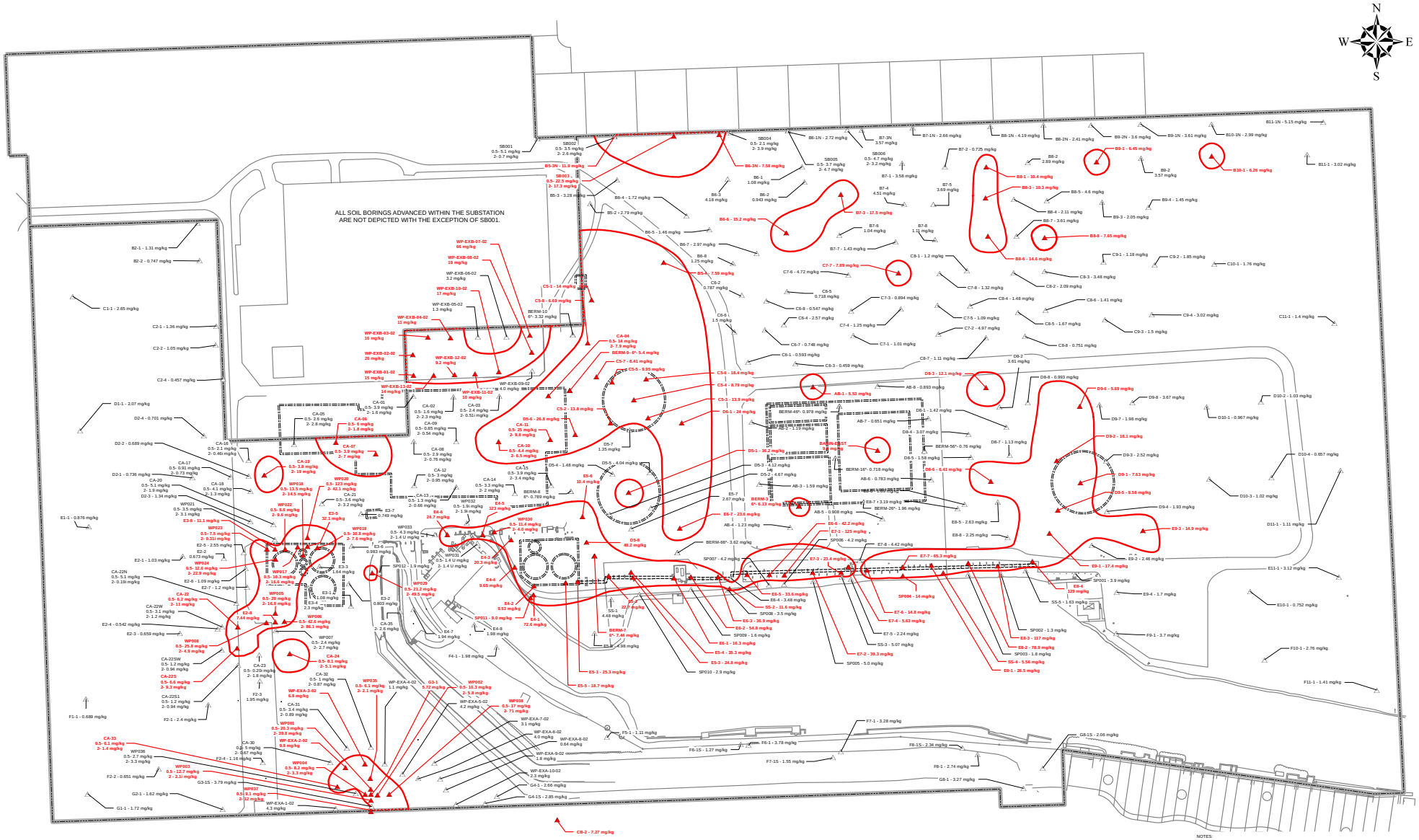
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

APPENDIX F

Cumulative Soil and Groundwater Results

Cumulative Soil Figures



NOTES:

mg/kg - MILLIGRAMS PER KILOGRAM;

SOIL BORINGS BERM-1 THROUGH BERM-10 WERE ADVANCED IN THE BERMS SURROUNDING THE WASTEWATER/STORMWATER BASINS AND THE FORMER BULK FUEL ASTS. SAMPLES COLLECTED FROM EACH BERM BORING AT A DEPTH INTERVAL OF 4 TO 6 FEET IS APPROXIMATELY THE SAME ELEVATION AS NON-BERM SAMPLES COLLECTED BETWEEN LAND SURFACE AND 2 FEET BLS. THEREFORE, BERM-1 THROUGH BERM-10 ARE DEPICTED WITH NON-BERM SAMPLES COLLECTED BETWEEN LAND SURFACE AND 2 FEET BLS;

I - INDICATES AN ESTIMATED CONCENTRATION BETWEEN THE PQL AND MDL;

U - INDICATES THE ANALYTE WAS NOT DETECTED ABOVE THE SPECIFIED MDL;

J-03 - INDICATES MATRIX SPIKE RECOVERY EXCEEDED MDL;

0.5 - INDICATES THE SAMPLE WAS COLLECTED BETWEEN LAND SURFACE AND 0.5 FEET BELOW LAND SURFACE (BLS)

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ARSENIC IN SOIL 0 TO 2 FEET BLS

Florida Power & Light Company
Former Cutler Power Plant Property
HWR-442/File-16360/IW-79
Miami, Florida

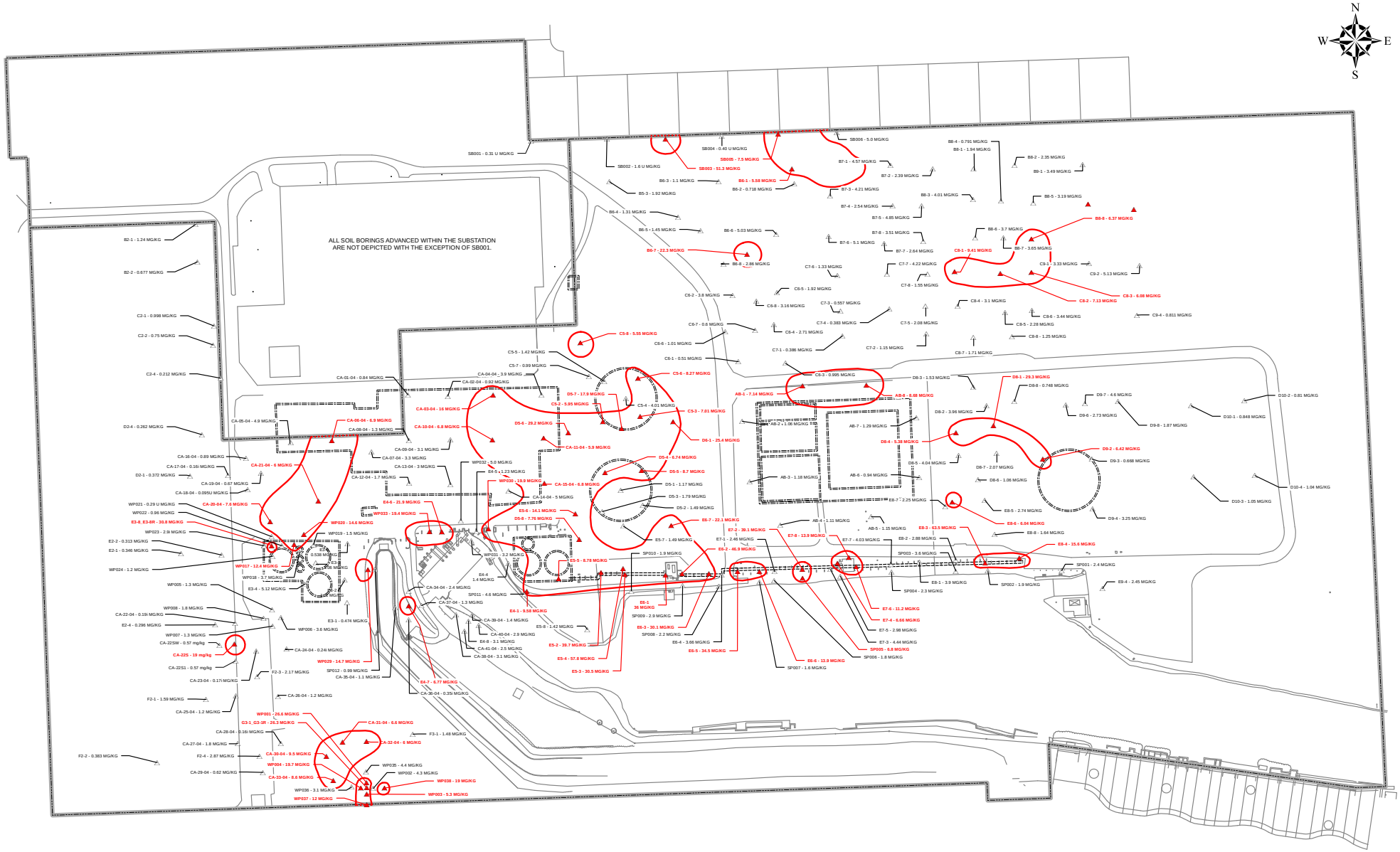
LEGEND:

- FORMER NO.6/HEAVY FUEL OIL BULK STRORAGE AST
- FORMER POWER BLOCK/ BACKFILLED AREA
- FORMER No. 6 OIL/ HEAVY FUEL OIL PIPELINE
- SOIL BORING ARSENIC BELOW 5.2 MG/KG
- SOIL BORING ARSENIC EXCEEDING 5.2 MG/KG
- ESTIMATED EXTENT OF ARSENIC EXCEEDING 5.2 MG/KG
- FORMER EAST METERING TANK/CONTAINMENT STRUCTURE
- FORMER WEST METERING TANK/CONTAINMENT STRUCTURE
- FORMER WASTEWATER/ STORMWATER BASINS
- SWITCH YARD
- PROPERTY BOUNDARY

SCALE:

125 0 125 250
Feet

FIGURE F1A



NOTES:

mg/kg - MILLIGRAMS PER KILOGRAM;

i - INDICATES AN ESTIMATED CONCENTRATION BETWEEN THE PQL AND MDL;

U - INDICATES THE ANALYTE WAS NOT DETECTED ABOVE THE SPECIFIED MDL;

J-03 - INDICATES MATRIX SPIKE RECOVERY EXCEEDED MDL

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ARSENIC IN SOIL 2 TO 4 FEET BLS

Florida Power & Light Company
Former Cutler Power Plant Property
HWR-442/File-16360/IW-79
Miami, Florida

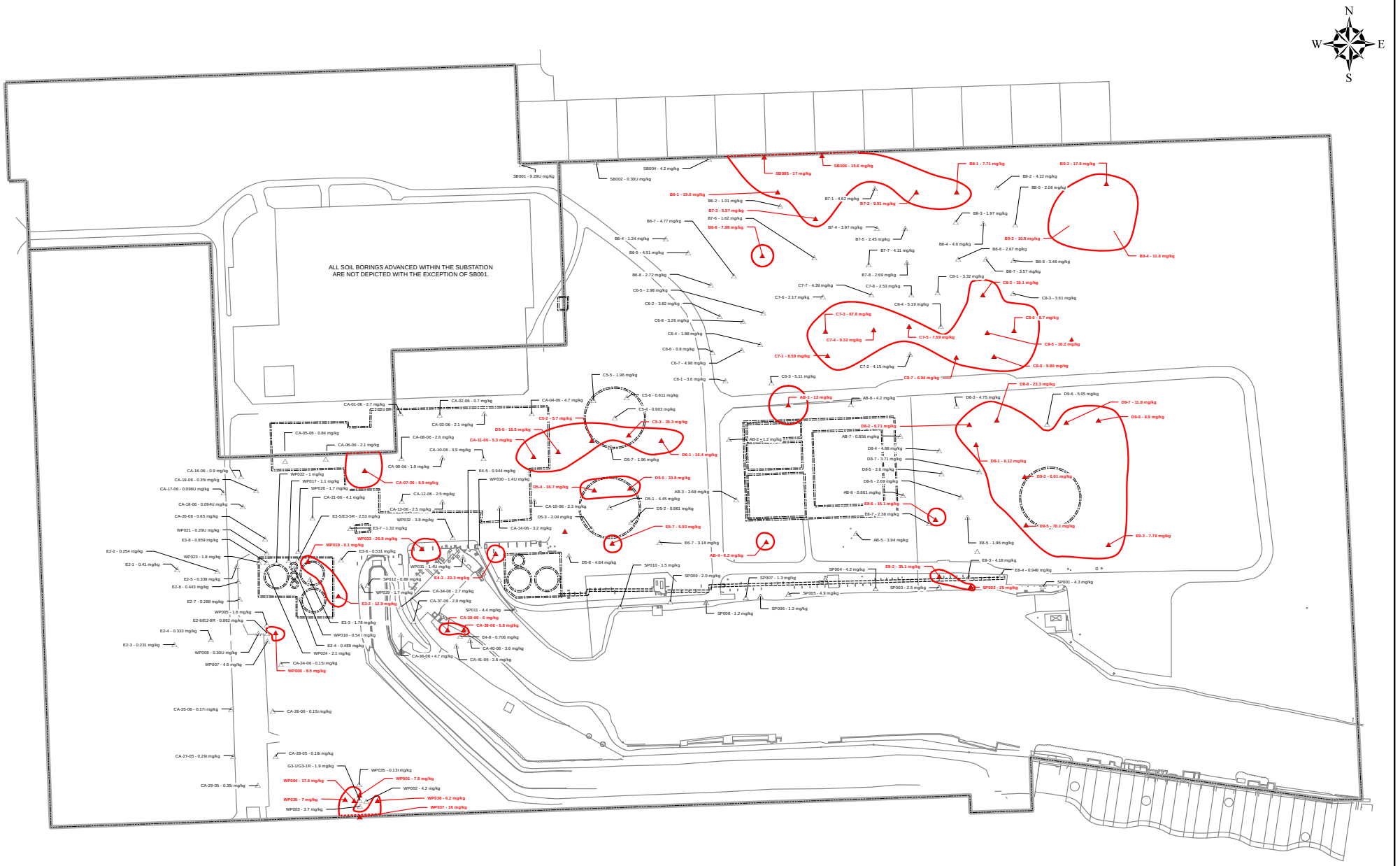
LEGEND:

- FORMER NO.6/HEAVY FUEL OIL BULK STRORAGE AST
- FORMER POWER BLOCK/ BACKFILLED AREA
- FORMER No. 6 OIL/ HEAVY FUEL OIL PIPELINE
- SOIL BORING ARSENIC BELOW 5.2 MG/KG
- SOIL BORING ARSENIC EXCEEDING 5.2 MG/KG
- ESTIMATED EXTENT OF ARSENIC EXCEEDING 5.2 MG/KG
- FORMER EAST METERING TANK/CONTAINMENT STRUCTURE
- FORMER WEST METERING TANK/CONTAINMENT STRUCTURE
- FORMER WASTEWATER/ STORMWATER BASINS
- SWITCH YARD
- PROPERTY BOUNDARY

SCALE:

125 0 125 250
Feet

FIGURE F1B



NOTES:

mg/kg - MILLIGRAMS PER KILOGRAM;

i - INDICATES AN ESTIMATED CONCENTRATION BETWEEN THE PQL AND MDL;

U - INDICATES THE ANALYTE WAS NOT DETECTED ABOVE THE SPECIFIED MDL;

J-03 - INDICATES MATRIX SPIKE RECOVERY EXCEEDED MDL

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ARSENIC IN SOIL
4 TO 6 FEET BLS

Florida Power & Light Company
Former Cutler Power Plant Property
HWR-442/File-16360/IW-79
Miami, Florida

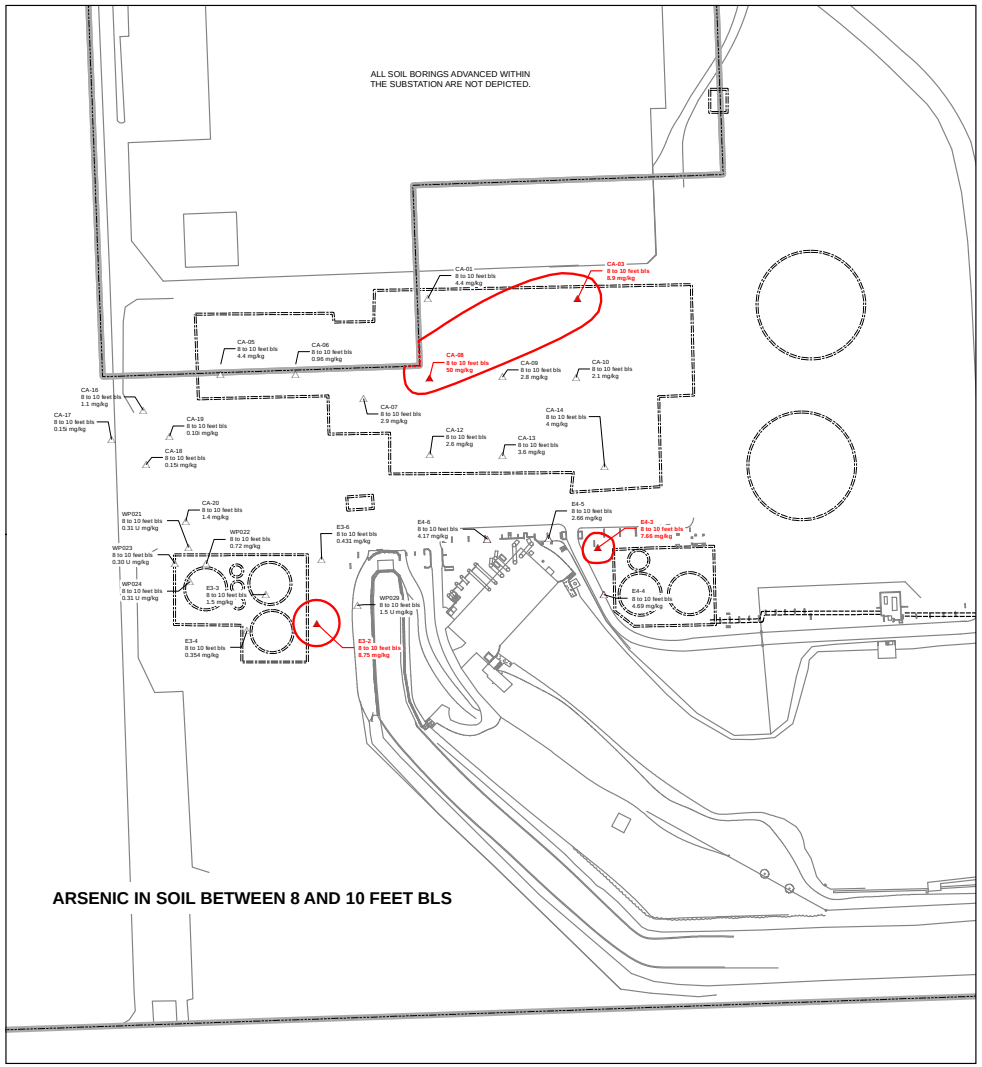
LEGEND:

- FORMER NO.6/HEAVY FUEL OIL BULK STRORAGE AST
- FORMER POWER BLOCK/ BACKFILLED AREA
- FORMER No. 6 OIL/ HEAVY FUEL OIL PIPELINE
- FORMER EAST METERING TANK/CONTAINMENT STRUCTURE
- FORMER WEST METERING TANK/CONTAINMENT STRUCTURE
- FORMER WASTEWATER/ STORMWATER BASINS
- SWITCH YARD
- PROPERTY BOUNDARY
- SOIL BORING ARSENIC BELOW 5.2 MG/KG
- SOIL BORING ARSENIC EXCEEDING 5.2 MG/KG
- ESTIMATED EXTENT OF ARSENIC EXCEEDING 5.2 MG/KG

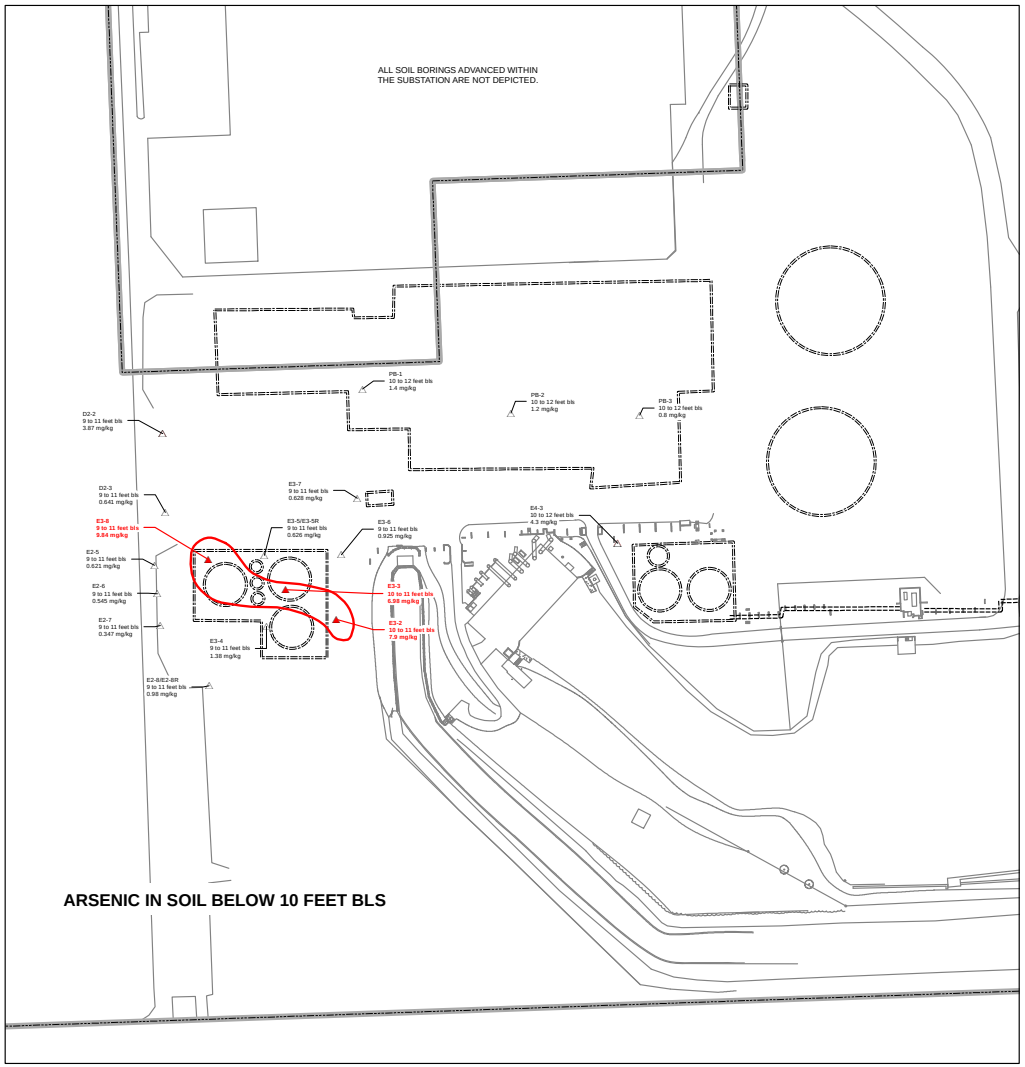
SCALE:

125 0 125 250
Feet

FIGURE F1C



ARSENIC IN SOIL BETWEEN 8 AND 10 FEET BLS



ARSENIC IN SOIL BELOW 10 FEET BLS

NOTES:

mg/kg - MILLIGRAMS PER KILOGRAM;

i - INDICATES AN ESTIMATED CONCENTRATION BETWEEN THE PQL AND MDL;

U - INDICATES THE ANALYTE WAS NOT DETECTED ABOVE THE SPECIFIED MDL;

J-03 - INDICATES MATRIX SPIKE RECOVERY EXCEEDED MDL

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ARSENIC IN SOIL BELOW 8 FEET BLS

Florida Power & Light Company
Former Cutler Power Plant Property
HWR-442/File-16360/IW-79
Miami, Florida

LEGEND:

FORMER NO.6/HEAVY FUEL OIL BULK STORAGE AST

FORMER POWER BLOCK/ BACKFILLED AREA

FORMER No. 6 OIL/ HEAVY FUEL OIL PIPELINE

FORMER EAST METERING TANK/CONTAINMENT STRUCTURE

FORMER WEST METERING TANK/CONTAINMENT STRUCTURE

FORMER WASTEWATER/ STORMWATER BASINS

SWITCH YARD

PROPERTY BOUNDARY

SOIL BORING ARSENIC BELOW 5.2 MG/KG

SOIL BORING ARSENIC EXCEEDING 5.2 MG/KG

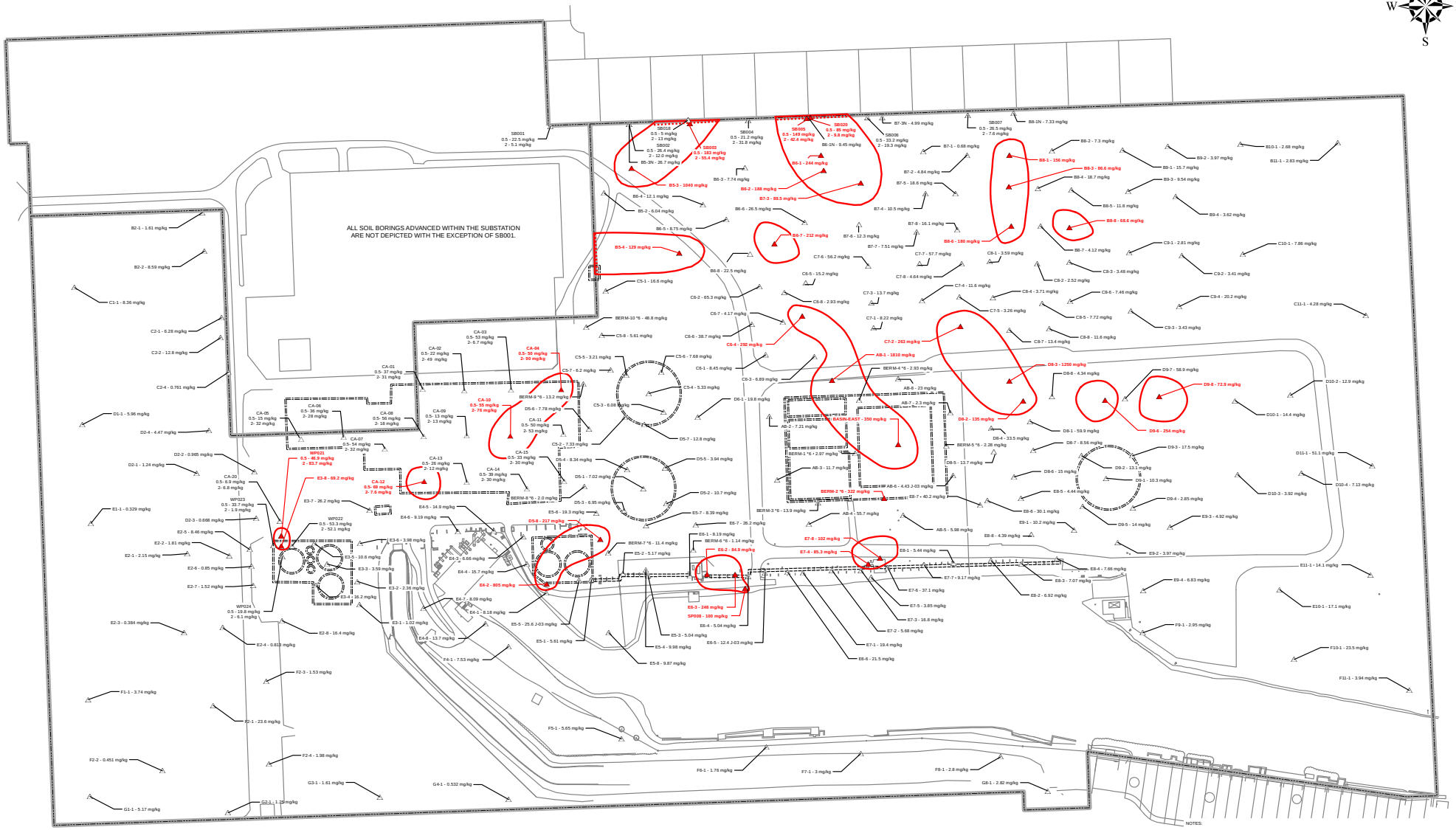
ESTIMATED EXTENT OF ARSENIC EXCEEDING 5.2 MG/KG

SCALE:

125 0 125 250

Feet

FIGURE F1E



NOTES:

mg/kg- MILLIGRAMS PER KILOGRAM;

i – INDICATES AN ESTIMATED CONCENTRATION BETWEEN THE PQL AND MDL;

J-03 - INDICATES MATRIX SPIKE RECOVERY EXCEEDED METHOD DTECTION LIMIT

U – INDICATES THE ANALYTE WAS NOT DETECTED ABOVE THE SPECIFIED METHOD DETECTION LIMIT;

0.5 - INDICATES THE SAMPLE WAS COLLECTED BETWEEN LAND SURFACE AND 0.5 FEET BELOW LAND SURFACE (BLS)

2 - INDICATES THE SAMPLE WAS COLLECTED BETWEEN LAND SURFACE AND 2 FEET BLS OR AT LOCATIONS WHERE A SAMPLE WAS COLLECTED BETWEEN LAND SURFACE AND 0.5 FEET BLS IT INDICATES THE SAMPLE WAS COLLECTED BETWEEN 0.5 AND 2 FEET BLS; AND

6*- SOIL BORINGS BERM-1 THROUGH BERM-10 WERE ADVANCED IN THE BERMS SURROUNDING THE WASTEWATER /STORMWATER BASINS AND THE FORMER BULK FUEL ASTS. SAMPLES COLLECTED FROM EACH BERM BORING AT A DEPTH INTERVAL OF 4 TO 6 FEET IS APPROXIMATELY THE SAME ELEVATION AS ADJACENT NON-BERM SAMPLES COLLECTED BETWEEN LAND SURFACE AND 2 FEET BLS. THEREFORE, BERM-10 ARE DEPICTED WITH NON-BERM SAMPLES COLLECTED BETWEEN LAND SURFACE AND 2 FEET BLS;

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VANADIUM IN SOIL
0 TO 2 FEET BLS

FORMER CUTLER
POWER PLANT PROPERTY
MIAMI, FLORIDA

LEGEND:

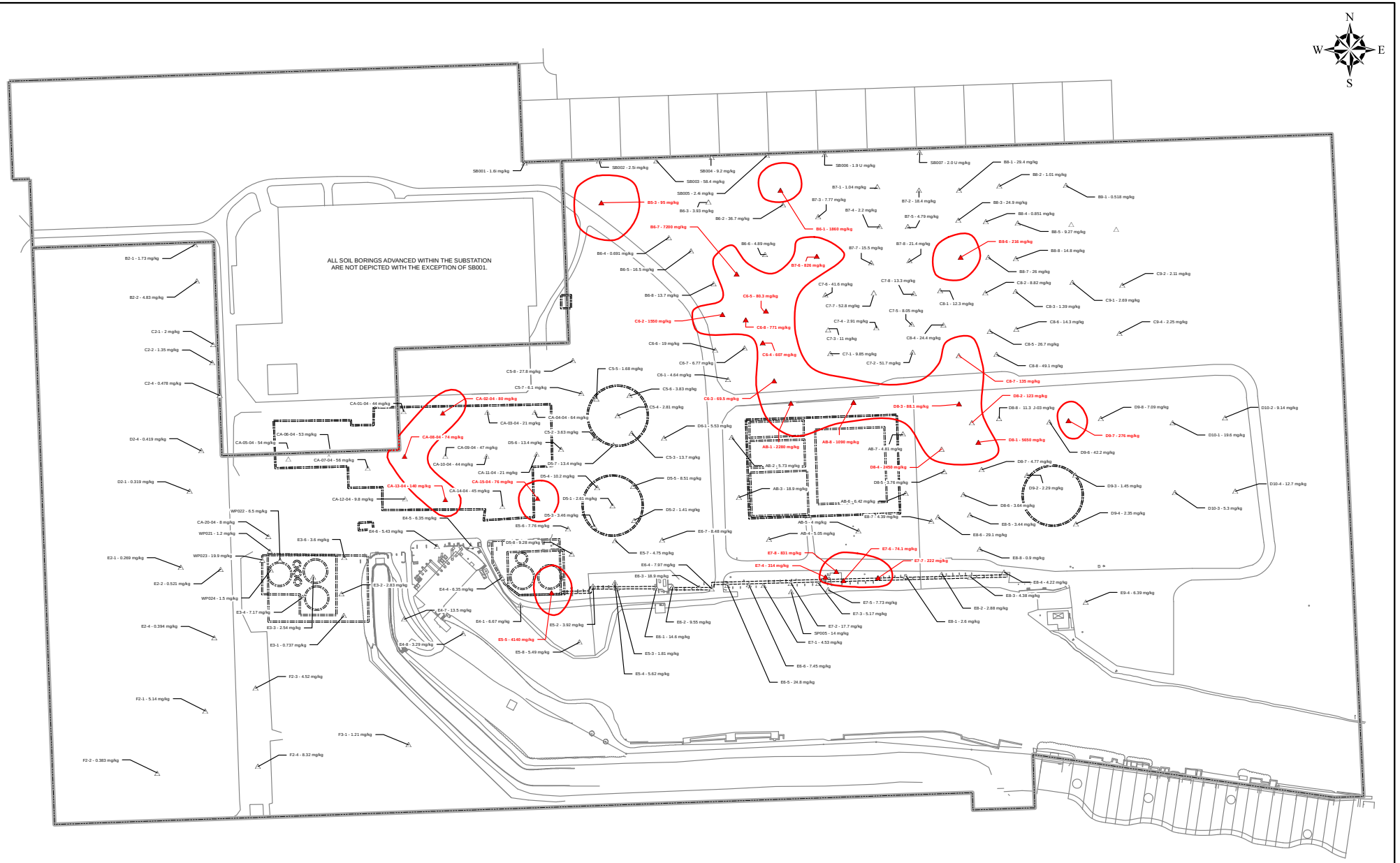
- FORMER NO.6/HEAVY FUEL OIL BULK STRORAGE AST
- FORMER POWER BLOCK/ BACKFILLED AREA
- FORMER No. 6 OIL/ HEAVY FUEL OIL PIPELINE
- FORMER EAST METERING TANK/CONTAINMENT STRUCTURE
- FORMER WEST METERING TANK/CONTAINMENT STRUCTURE
- FORMER WASTEWATER/ STORMWATER BASINS
- SWITCH YARD
- PROPERTY BOUNDARY
- SOIL BORING VANADIUM BELOW 67 MG/KG
- SOIL BORING VANADIUM EXCEEDS 67 MG/KG
- ESTIMATED EXTENT OF VANADIUM EXCEEDING 67 MG/KG
- PAINT STORAGE/CHEMICAL STORAGE BUILDINGS

SCALE:

125 0 125 250

Feet

FIGURE F2A



NOTES:

mg/kg - MILLIGRAMS PER KILOGRAM

J-03 - INDICATES MATRIX SPIKE RECOVERY EXCEEDED METHOD DETECTION LIMIT;

i - INDICATES AN ESTIMATED CONCENTRATION BETWEEN THE PQL AND MDL;

U - INDICATES THE ANALYTE WAS NOT DETECTED ABOVE THE SPECIFIED METHOD DETECTION LIMIT;

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VANADIUM IN SOIL
2 TO 4 FEET BLS

Florida Power & Light Company
Former Cutler Power Plant Property
HWR-442/File-16360/IW-79
Miami, Florida

LEGEND:

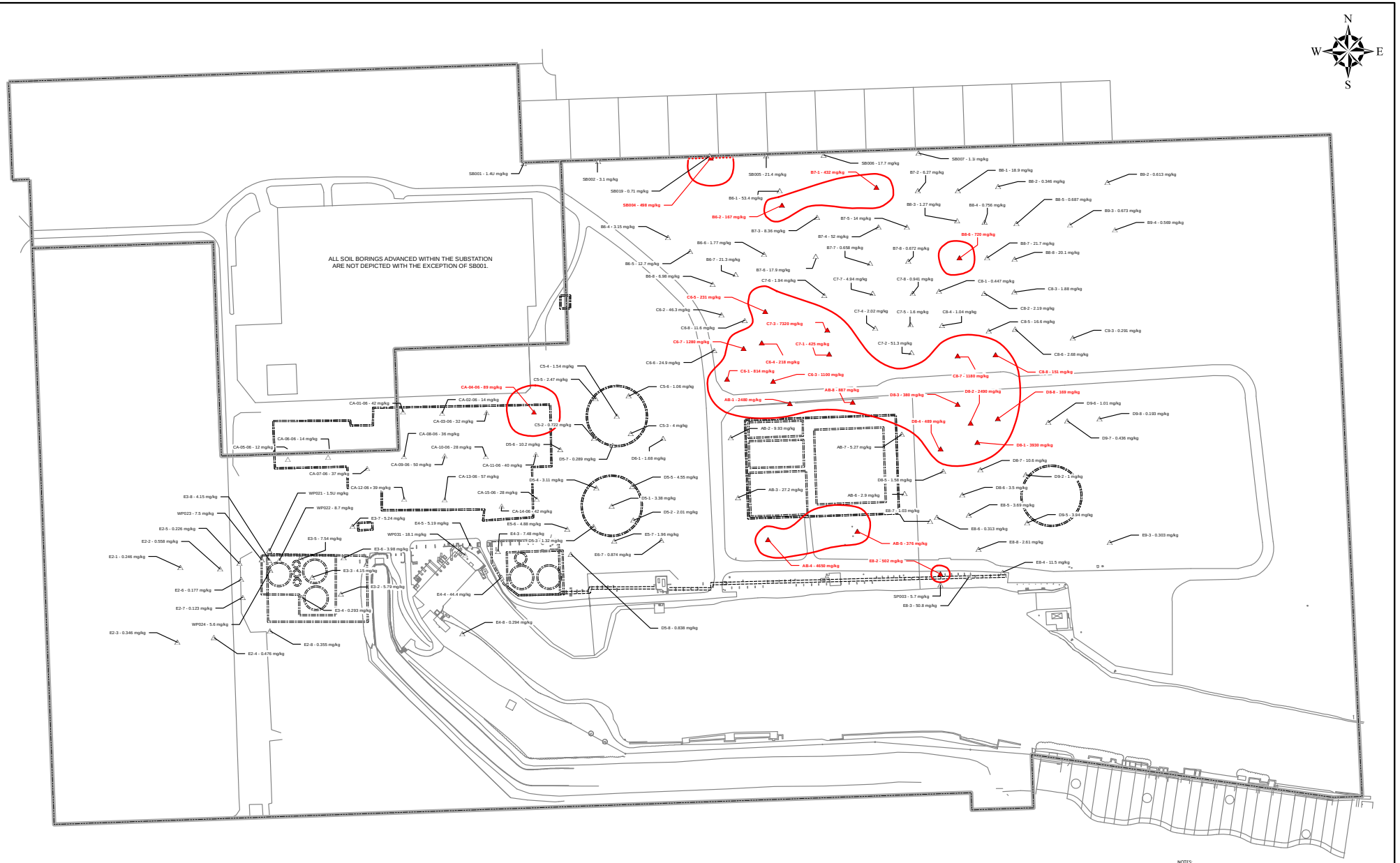
- FORMER NO.6/HEAVY FUEL OIL BULK STRORAGE AST
- FORMER POWER BLOCK/ BACKFILLED AREA
- FORMER No. 6 OIL/ HEAVY FUEL OIL PIPELINE
- FORMER EAST METERING TANK/CONTAINMENT STRUCTURE
- FORMER WEST METERING TANK/CONTAINMENT STRUCTURE
- FORMER WASTEWATER/ STORMWATER BASINS
- SWITCH YARD
- PROPERTY BOUNDARY
- SOIL BORING VANADIUM BELOW 67 MG/KG
- SOIL BORING VANADIUM EXCEEDS 67 MG/KG
- ESTIMATED EXTENT OF VANADIUM EXCEEDING 67 MG/KG
- PAINT STORAGE/CHEMICAL STORAGE BUILDINGS

SCALE:

125 0 125 250

Feet

FIGURE F2B



NOTES:

mg/kg - MILLIGRAMS PER KILOGRAM

J-03 - INDICATES MATRIX SPIKE RECOVERY EXCEEDED METHOD DETECTION LIMIT;

i - INDICATES AN ESTIMATED CONCENTRATION BETWEEN THE PQL AND MDL;

U - INDICATES THE ANALYTE WAS NOT DETECTED ABOVE THE SPECIFIED METHOD DETECTION LIMIT;

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VANADIUM IN SOIL
4 TO 6 FEET BLS

Florida Power & Light Company
Former Cutler Power Plant Property
HWR-442/File-16360/IW-79
Miami, Florida

LEGEND:

FORMER NO.6/HEAVY FUEL OIL BULK STRORAGE AST

FORMER POWER BLOCK/ BACKFILLED AREA

FORMER No. 6 OIL/ HEAVY FUEL OIL PIPELINE

SOIL BORING VANADIUM BELOW 67 MG/KG

SOIL BORING VANADIUM EXCEEDS 67 MG/KG

FORMER EAST METERING TANK/CONTAINMENT STRUCTURE

FORMER WEST METERING TANK/CONTAINMENT STRUCTURE

FORMER WASTEWATER/ STORMWATER BASINS

SWITCH YARD

PROPERTY BOUNDARY

ESTIMATED EXTENT OF VANADIUM EXCEEDING 67 MG/KG

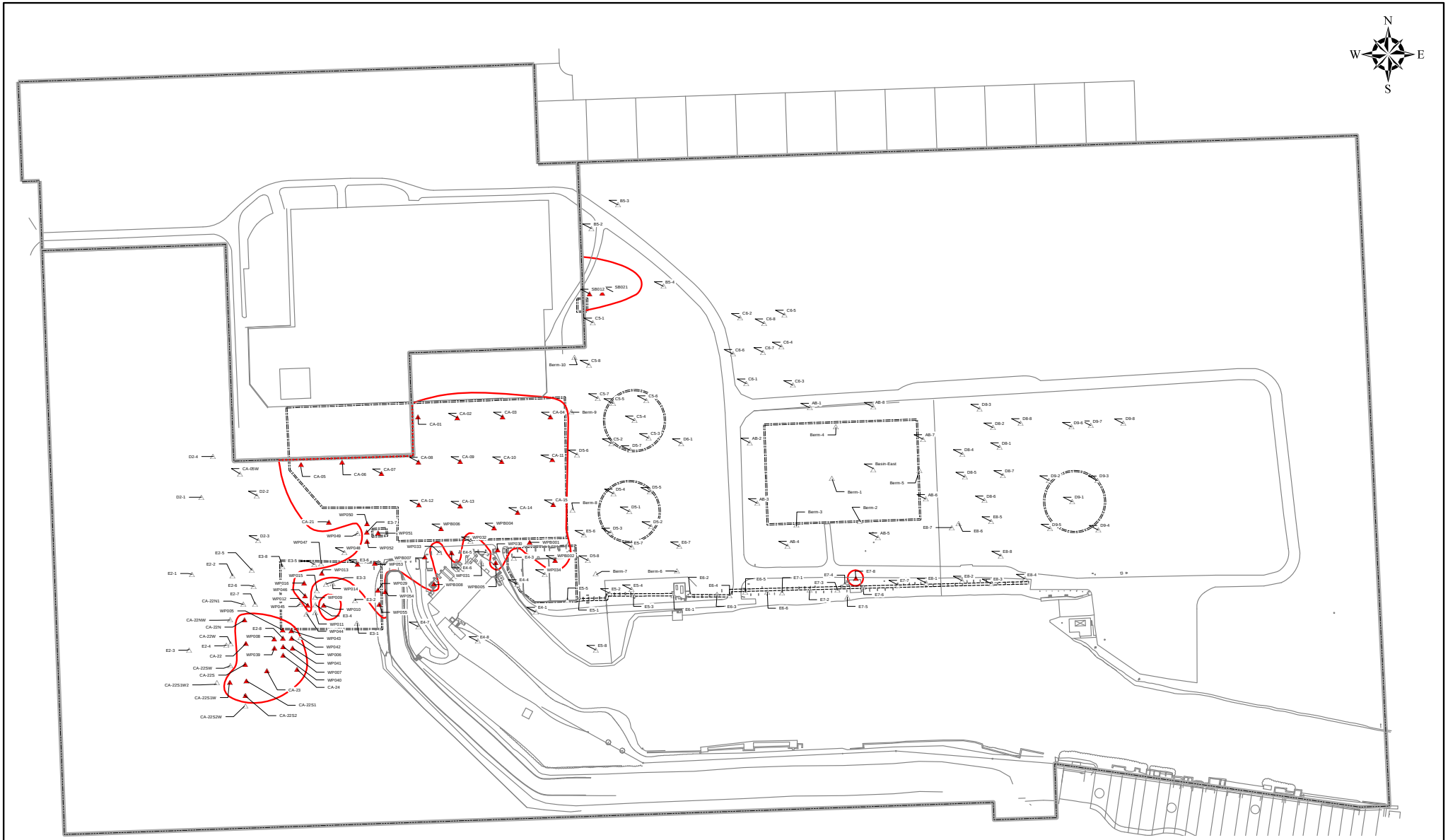
PAINT STORAGE/CHEMICAL STORAGE BUILDINGS

SCALE:

125 0 125 250

Feet

FIGURE F2C



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PAHs IN SOIL
0 TO 2 FEET BLS

Florida Power & Light Company
Former Cutler Power Plant Property
HWR-442/File-16360/IW-79
Miami, Florida

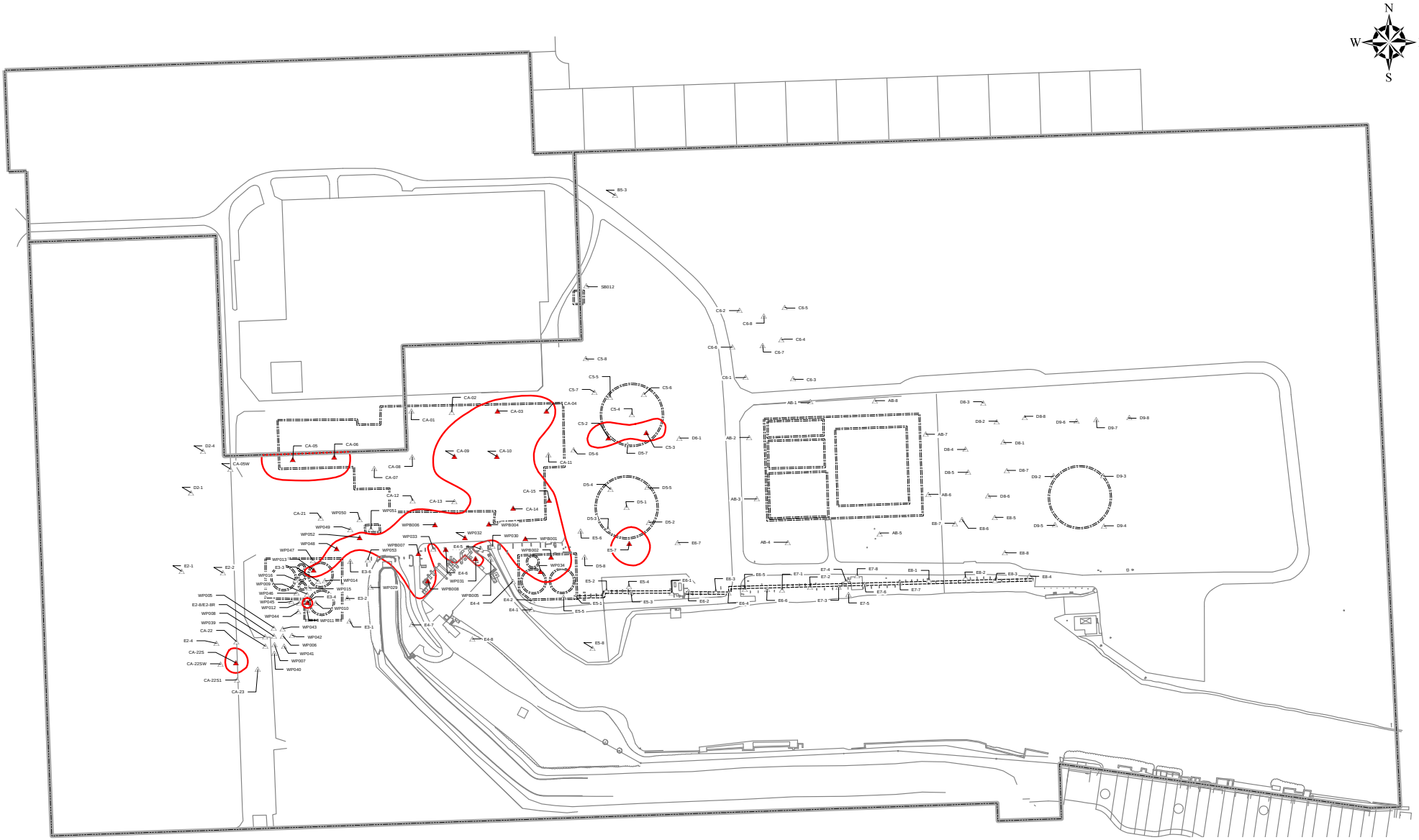
LEGEND:

- FORMER NO.6/HEAVY FUEL OIL BULK STRORAGE AST
- FORMER POWER BLOCK/ BACKFILLED AREA
- FORMER No. 6 OIL/ HEAVY FUEL OIL PIPELINE
- SOIL BORING ALL PAH CONCENTRATIONS BELOW SCTLS
- SOIL BORING ONE OR MORE PAH CONCENTRATIONS EXCEED SCTL
- FORMER EAST METERING TANK/CONTAINMENT STRUCTURE
- FORMER WEST METERING TANK/CONTAINMENT STRUCTURE
- FORMER WASTEWATER/ STORMWATER BASINS
- SWITCH YARD
- PROPERTY BOUNDARY
- ESTIMATED EXTENT OF PAHS EXCEEDING SCTLS
- PAINT STORAGE/CHEMICAL STORAGE BUILDINGS

SCALE:

100 50 0 100 200
Feet

FIGURE F3A



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PAHs IN SOIL
2 TO 4 FEET BLS

Florida Power & Light Company
Former Cutler Power Plant Property
HWR-442/File-16360/IW-79
Miami, Florida

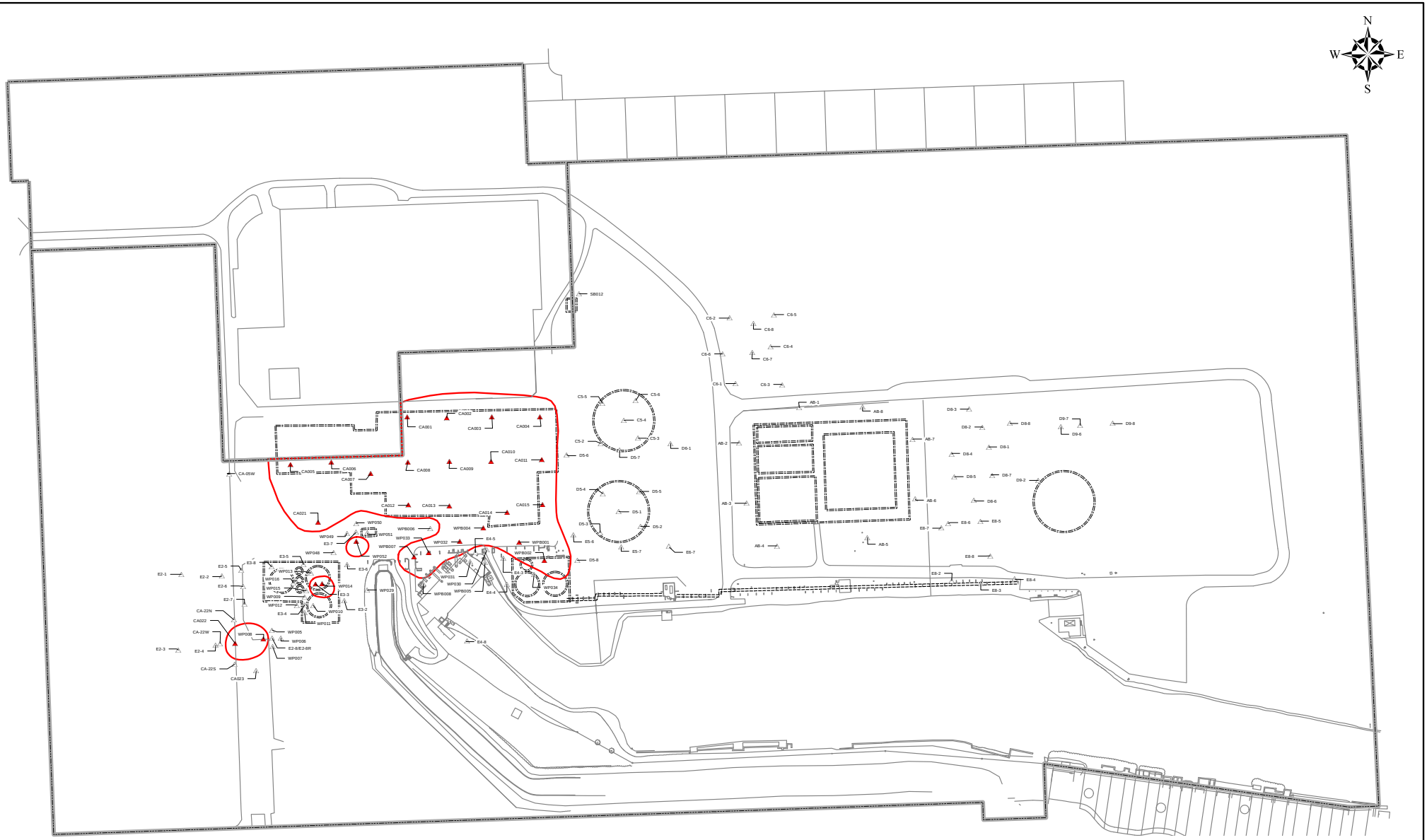
LEGEND:

- FORMER NO.6/HEAVY FUEL OIL BULK STRORAGE AST
- FORMER POWER BLOCK/ BACKFILLED AREA
- FORMER No. 6 OIL/ HEAVY FUEL OIL PIPELINE
- SOIL BORING ALL PAH CONCENTRATIONS BELOW SCTLS
- SOIL BORING ONE OR MORE PAH CONCENTRATIONS EXCEED SCTL
- FORMER EAST METERING TANK/CONTAINMENT STRUCTURE
- FORMER WEST METERING TANK/CONTAINMENT STRUCTURE
- FORMER WASTEWATER/ STORMWATER BASINS
- SWITCH YARD
- PROPERTY BOUNDARY
- ESTIMATED EXTENT OF PAHS EXCEEDING SCTLS
- PAINT STORAGE/CHEMICAL STORAGE BUILDINGS

SCALE:

100 50 0 100 200
Feet

FIGURE F3B



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PAHs IN SOIL
4 TO 6 FEET BLS

Florida Power & Light Company
Former Cutler Power Plant Property
HWR-442/File-16360/IW-79
Miami, Florida

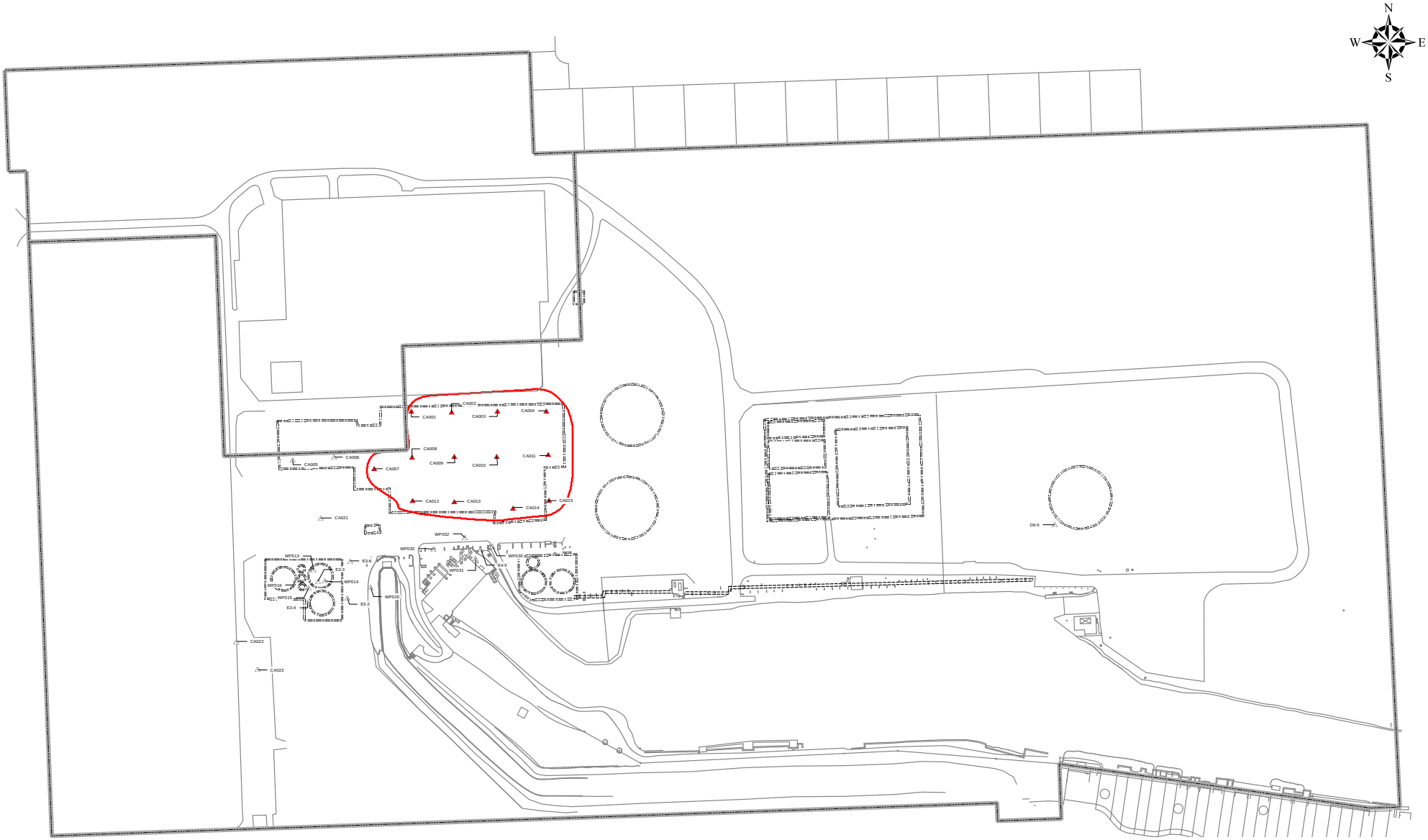
LEGEND:

- FORMER NO.6/HEAVY FUEL OIL BULK STRORAGE AST
- FORMER POWER BLOCK/ BACKFILLED AREA
- FORMER No. 6 OIL/ HEAVY FUEL OIL PIPELINE
- SOIL BORING ALL PAH CONCENTRATIONS BELOW SCTLS
- SOIL BORING ONE OR MORE PAH CONCENTRATIONS EXCEED SCTL
- FORMER EAST METERING TANK/CONTAINMENT STRUCTURE
- FORMER WEST METERING TANK/CONTAINMENT STRUCTURE
- FORMER WASTEWATER/ STORMWATER BASINS
- SWITCH YARD
- PROPERTY BOUNDARY
- ESTIMATED EXTENT OF PAHS EXCEEDING SCTLS
- PAINT STORAGE/CHEMICAL STORAGE BUILDINGS

SCALE:

100 50 0 100 200
Feet

FIGURE F3C



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PAHs IN SOIL
6 TO 8 FEET BLS

Florida Power & Light Company
Former Cutler Power Plant Property
HWR-442/File-16360/IW-79
Miami, Florida

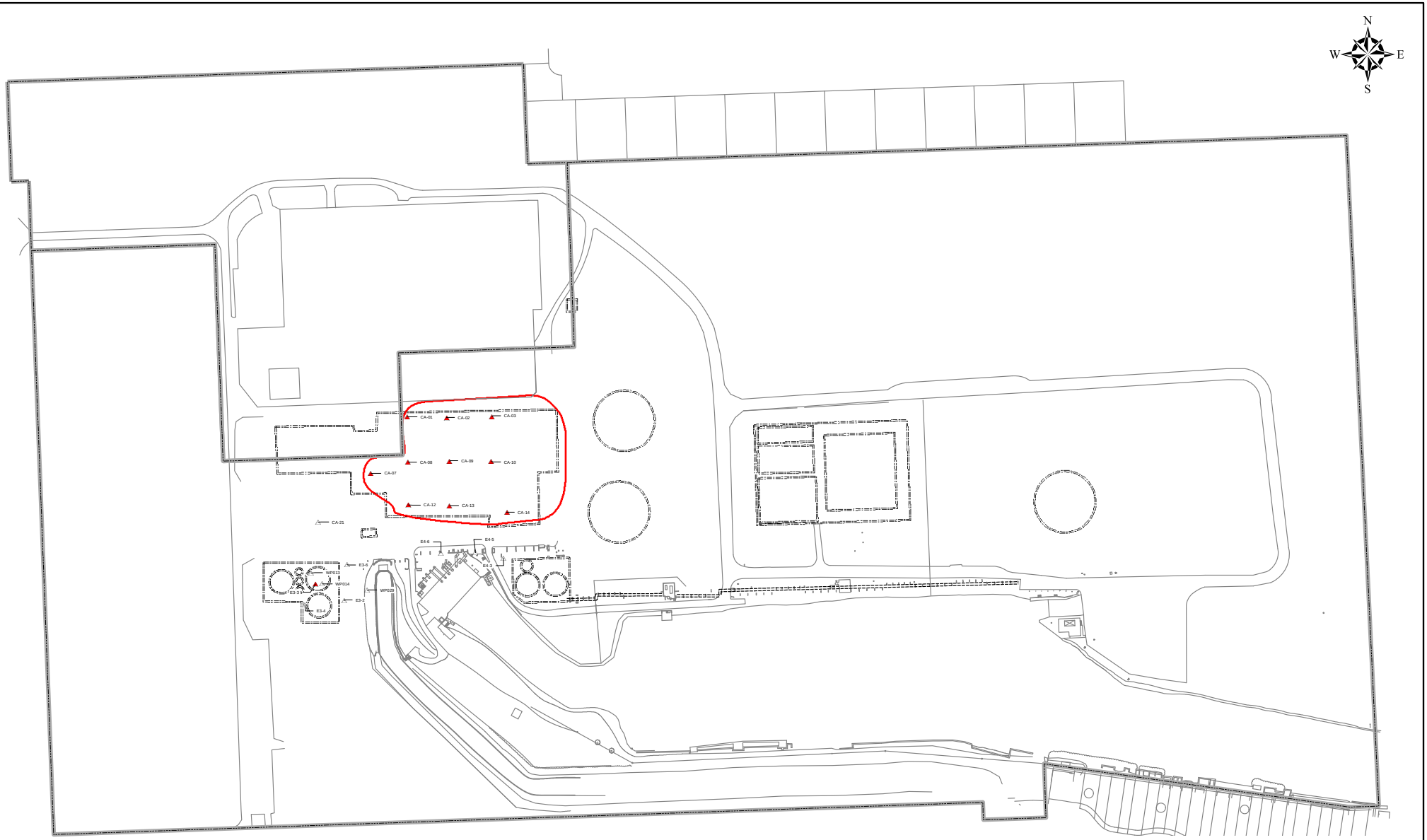
LEGEND:

- FORMER NO.6/HEAVY FUEL OIL BULK STRORAGE AST
- FORMER POWER BLOCK/ BACKFILLED AREA
- FORMER No. 6 OIL/ HEAVY FUEL OIL PIPELINE
- FORMER EAST METERING TANK/CONTAINMENT STRUCTURE
- FORMER WEST METERING TANK/CONTAINMENT STRUCTURE
- FORMER WASTEWATER/ STORMWATER BASINS
- SWITCH YARD
- PROPERTY BOUNDARY
- SOIL BORING ALL PAH CONCENTRATIONS BELOW SCTLS
- SOIL BORING ONE OR MORE PAH CONCENTRATIONS EXCEED SCTL
- ESTIMATED EXTENT OF PAHS EXCEEDING SCTLS
- PAINT STORAGE/CHEMICAL STORAGE BUILDINGS

SCALE:

100 50 0 100 200
Feet

FIGURE F3D



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PAHs IN SOIL
8 TO 10 FEET BLS

Florida Power & Light Company
Former Cutler Power Plant Property
HWR-442/File-16360/IW-79
Miami, Florida

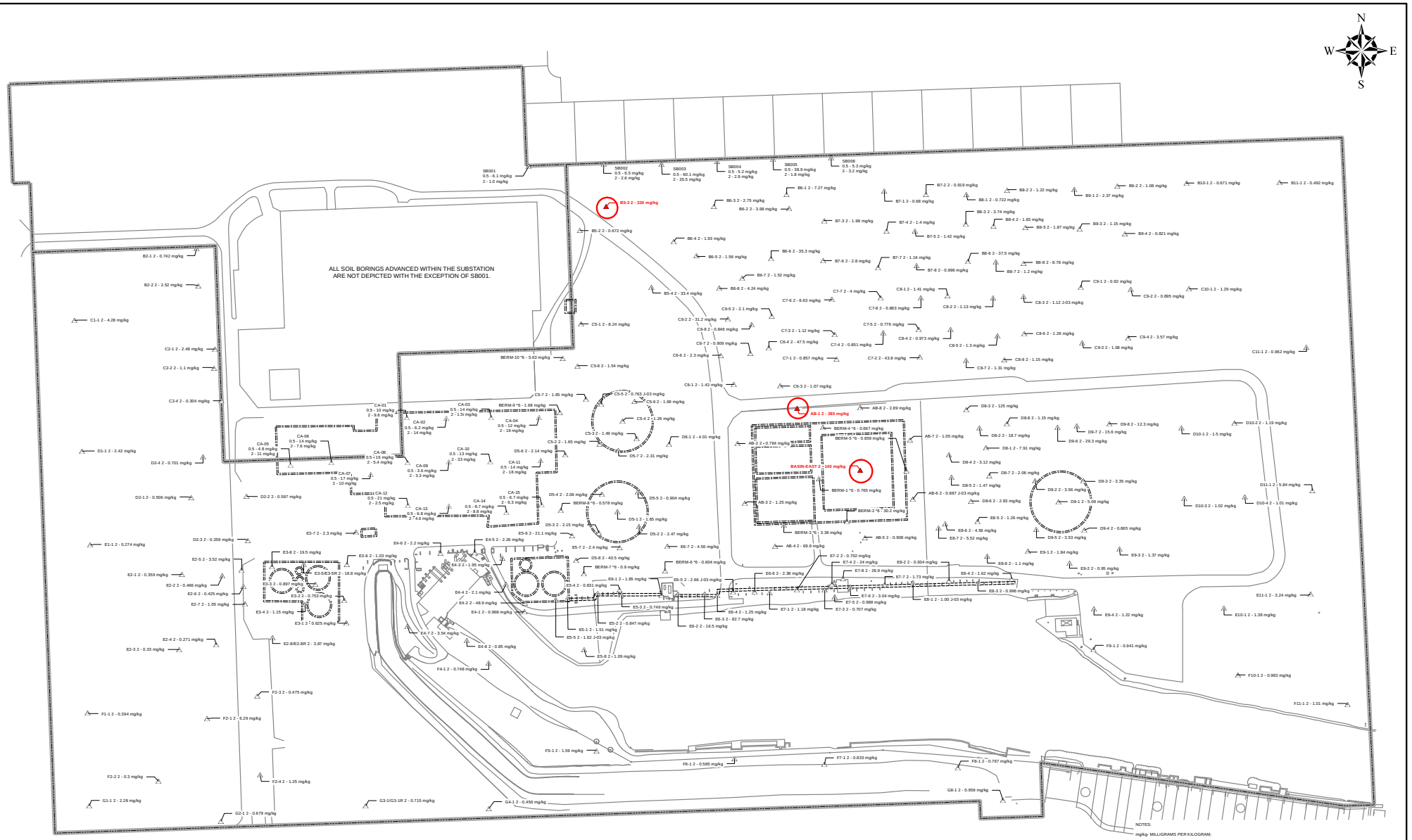
LEGEND:

- FORMER NO.6/HEAVY FUEL OIL BULK STRORAGE AST
- FORMER POWER BLOCK/ BACKFILLED AREA
- FORMER No. 6 OIL/ HEAVY FUEL OIL PIPELINE
- FORMER EAST METERING TANK/CONTAINMENT STRUCTURE
- FORMER WEST METERING TANK/CONTAINMENT STRUCTURE
- FORMER WASTEWATER/ STORMWATER BASINS
- SWITCH YARD
- PROPERTY BOUNDARY
- SOIL BORING ALL PAH CONCENTRATIONS BELOW SCTLS
- SOIL BORING ONE OR MORE PAH CONCENTRATIONS EXCEED SCTL
- ESTIMATED EXTENT OF PAHS EXCEEDING SCTLS
- PAINT STORAGE/CHEMICAL STORAGE BUILDINGS

SCALE:

100 50 0 100 200
Feet

FIGURE F3E



NOTES:

mg/kg- MILLIGRAMS PER KILOGRAM;

I – INDICATES AN ESTIMATED CONCENTRATION BETWEEN THE PQL AND MDL;

J-03 INDICATES MATRIX SPIKE RECOVERY ABOVE METHOD DETCTION LIMIT
U – INDICATES THE ANALYTE WAS NOT DETECTED ABOVE THE SPECIFIED METHOD DETECTION LIMIT;

0.5 - INDICATES THE SAMPLE WAS COLLECTED BETWEEN LAND SURFACE AND 0.5 FEET BELOW LAND SURFACE (BLS)

2 - INDICATES THE SAMPLE WAS COLLECTED BETWEEN LAND SURFACE AND 2 FEET BLS OR AT LOCATIONS WHERE A SAMPLE WAS COLLECTED BETWEEN LAND SURFACE AND 0.5 FEET BLS IT INDICATES THE SAMPLE WAS COLLECTED BETWEEN 0.5 AND 2 FEET BLS; AND

SOIL BORINGS BERM-1 THROUGH BERM-10 WERE ADVANCED IN THE BERMS SURROUNDING THE WASTEWATER /STORMWATER BASINS AND THE FORMER BULK FUEL ASTS. SAMPLES COLLECTED FROM EACH BERM BORING AT A DEPTH INTERVAL OF 4 TO 6 FEET IS APPROXIMATELY THE SAME ELEVATION AS ADJACENT NON-BERM SAMPLES COLLECTED BETWEEN LAND SURFACE AND 2 FEET BLS. THEREFORE, BERM-10 ARE DEPICTED WITH NON-BERM SAMPLES

COLLECTED BETWEEN LAND SURFACE AND 2 FEET BLS;

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NICKEL IN SOIL
0 TO 2 FEET BLS

Florida Power & Light Company
Former Cutler Power Plant Property
HWR-442/File-16360/IW-79
Miami, Florida

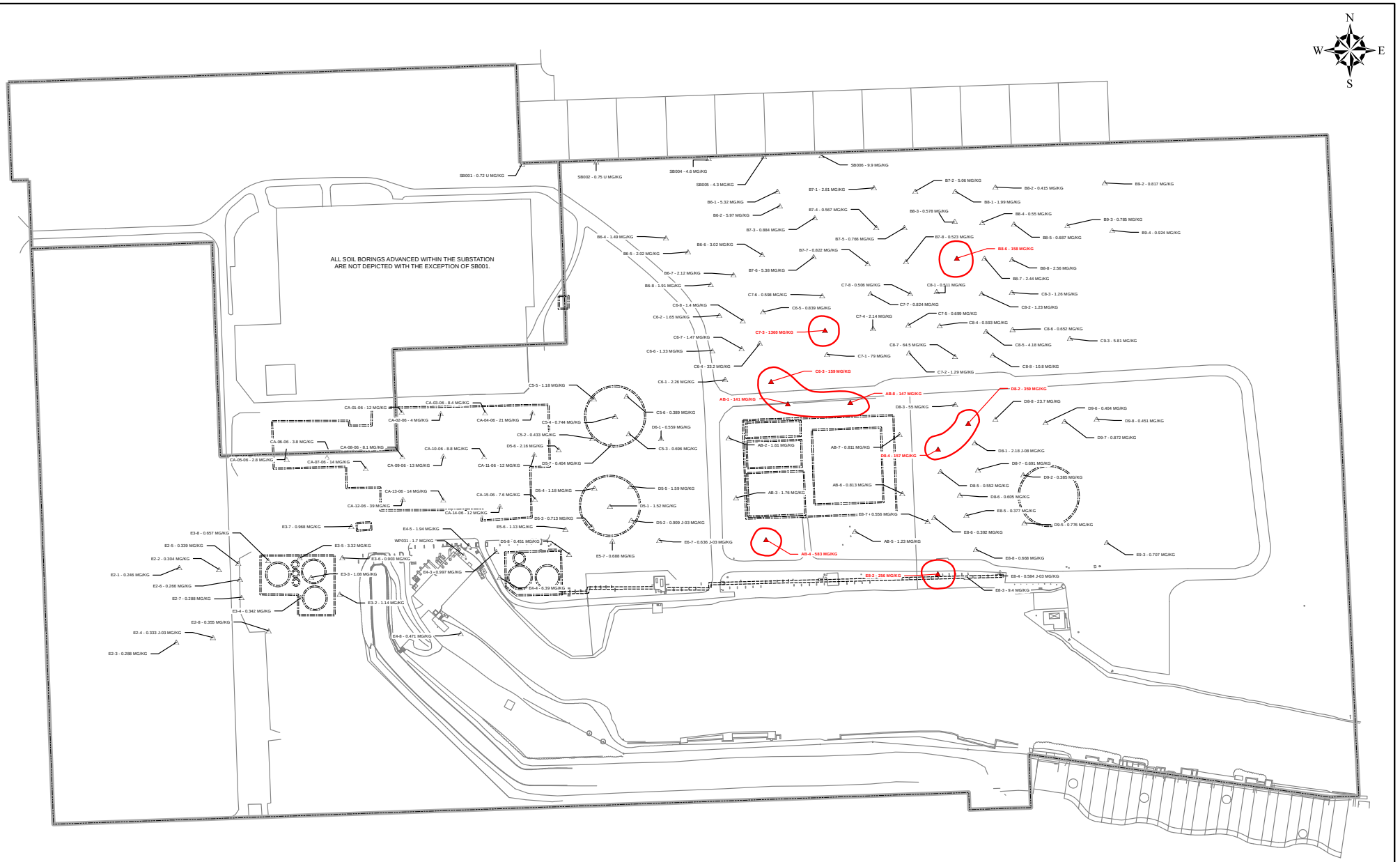
LEGEND:

- FORMER NO.6/HEAVY FUEL OIL BULK STRORAGE AST
- FORMER POWER BLOCK/ BACKFILLED AREA
- FORMER No. 6 OIL/ HEAVY FUEL OIL PIPELINE
- FORMER EAST METERING TANK/CONTAINMENT STRUCTURE
- FORMER WEST METERING TANK/CONTAINMENT STRUCTURE
- FORMER WASTEWATER/ STORMWATER BASINS
- SWITCH YARD
- PROPERTY BOUNDARY
- SOIL BORING NICKEL BELOW 130 MG/KG
- SOIL BORING NICKEL EXCEEDS 130 MG/KG
- ESTIMATED EXTENT OF NICKEL EXCEEDING 130 MG/KG
- PAINT STORAGE/CHEMICAL STORAGE BUILDINGS

SCALE:

125 0 125 250
Feet

FIGURE F4A



NOTES:

MG/KG- MILLIGRAMS PER KILOGRAM

J-03 - INDICATES MATRIX SPIKE RECOVERY EXCEEDED METHOD DETECTION LIMIT;

U – INDICATES THE ANALYTE WAS NOT DETECTED ABOVE THE SPECIFIED METHOD DETECTION LIMIT

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NICKEL IN SOIL
4 TO 6 FEET BLS

Florida Power & Light Company
Former Cutler Power Plant Property
HWR-442/File-16360/IW-79
Miami, Florida

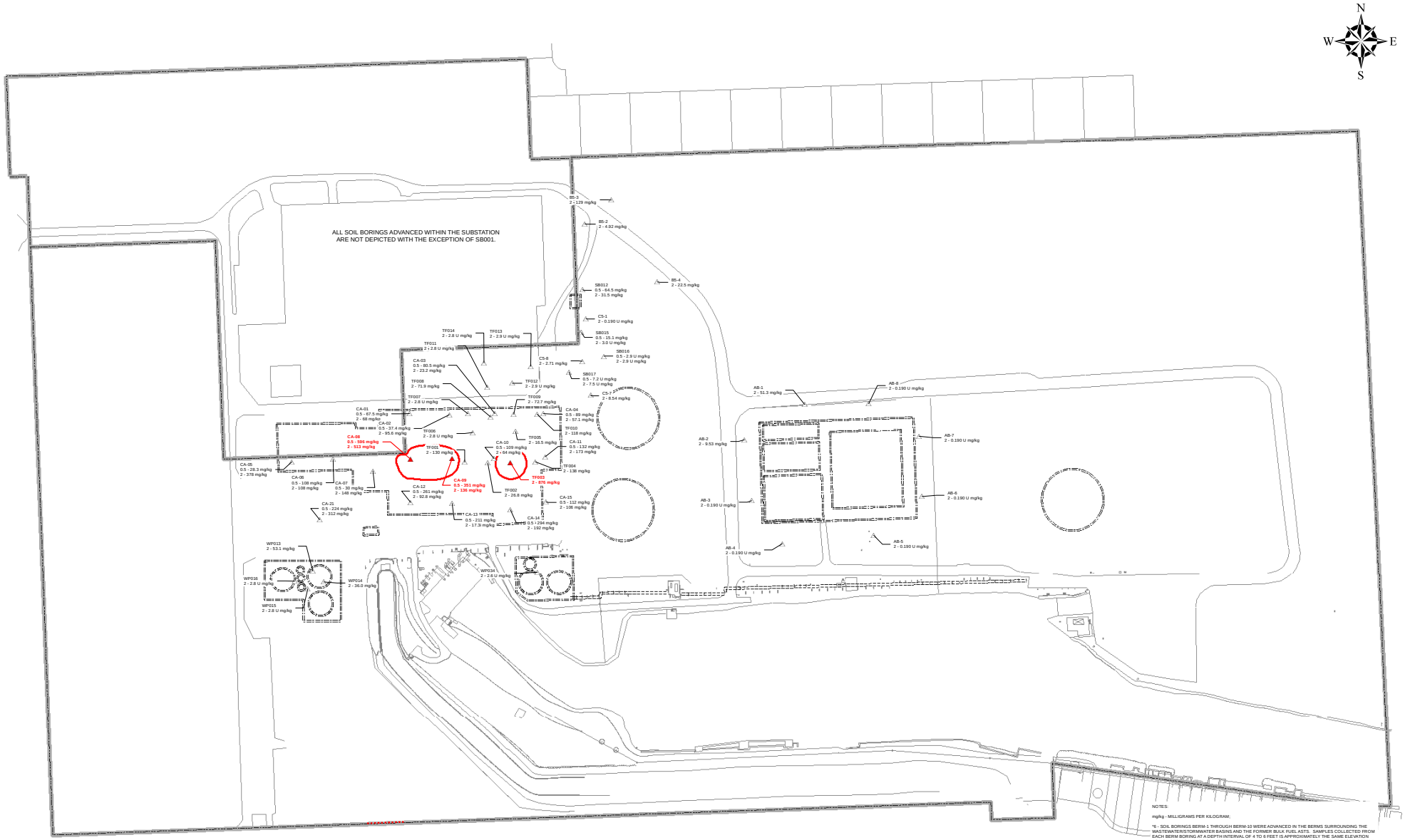
LEGEND:

- FORMER NO.6/HEAVY FUEL OIL BULK STRORAGE AST
- FORMER POWER BLOCK/ BACKFILLED AREA
- FORMER No. 6 OIL/ HEAVY FUEL OIL PIPELINE
- SOIL BORING NICKEL BELOW 130 MG/KG
- SOIL BORING NICKEL EXCEEDS 130 MG/KG
- ESTIMATED EXTENT OF NICKEL EXCEEDING 130 MG/KG
- PAINT STORAGE/CHEMICAL STORAGE BUILDINGS
- FORMER EAST METERING TANK/CONTAINMENT STRUCTURE
- FORMER WEST METERING TANK/CONTAINMENT STRUCTURE
- FORMER WASTEWATER/ STORMWATER BASINS
- SWITCH YARD
- PROPERTY BOUNDARY

SCALE:

125 0 125 250
Feet

FIGURE F4C



NOTES:

mg/kg - MILLIGRAMS PER KILOGRAM;

*6 - SOIL BORINGS BERM-1 THROUGH BERM-10 WERE ADVANCED IN THE BERMS SURROUNDING THE WASTEWATER/STORMWATER BASINS AND THE FORMER BULK FUEL ASTS. SAMPLES COLLECTED FROM EACH BERM BORING AT A DEPTH INTERVAL OF 4 TO 6 FEET IS APPROXIMATELY THE SAME ELEVATION AS NON-BERM SAMPLES COLLECTED BETWEEN LAND SURFACE AND 2 FEET BLS. THEREFORE, BERM-1 THROUGH BERM-10 ARE DEPICTED WITH NON-BERM SAMPLES COLLECTED BETWEEN LAND SURFACE AND 2 FEET BLS;

I - INDICATES AN ESTIMATED CONCENTRATION BETWEEN THE PQL AND MDL;

U - INDICATES THE ANALYTE WAS NOT DETECTED ABOVE THE SPECIFIED MDL;

J-03 - INDICATES MATRIX SPIKE RECOVERY EXCEEDED MDL;

0.5 - INDICATES THE SAMPLE WAS COLLECTED BETWEEN LAND SURFACE AND 0.5 FEET BELOW LAND SURFACE (BLS)

2 - INDICATES THE SAMPLE WAS COLLECTED BETWEEN 0.5 AND 2 FEET BLS

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TRPH IN SOIL
0 TO 2 FEET BLS

Florida Power & Light Company
Former Cutler Power Plant Property
HWR-442/File-16360/IW-79
Miami, Florida

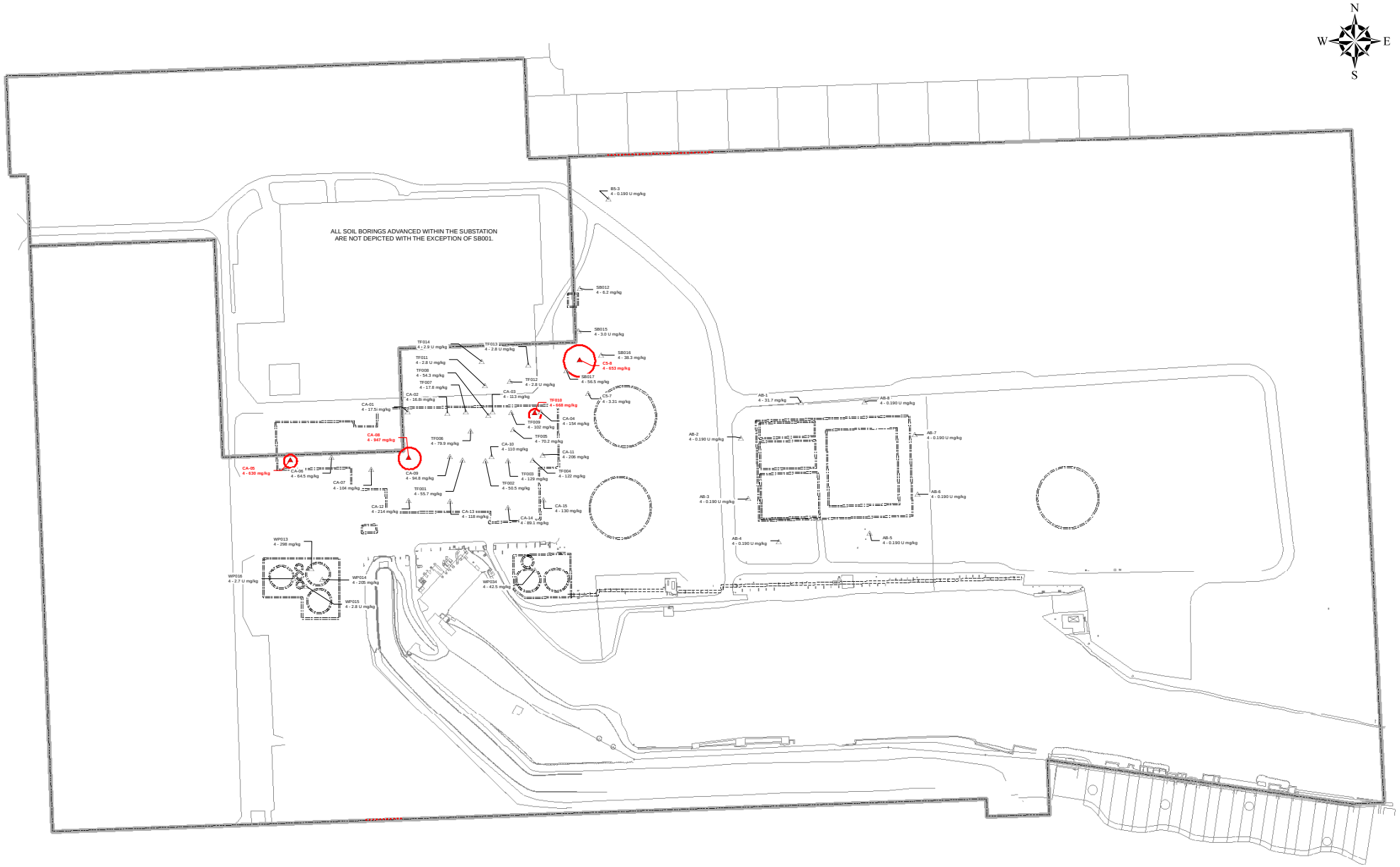
LEGEND:

FORMER NO.6/HEAVY FUEL OIL BULK STRORAGE AST
FORMER POWER BLOCK/ BACKFILLED AREA
FORMER No. 6 OIL/ HEAVY FUEL OIL PIPELINE
SOIL BORING TRPH BELOW SCTLs
SOIL BORING TRPH EXCEEDS SCTL
ESTIMATED EXTENT OF TRPH EXCEEDING SCTLs
FORMER EAST METERING TANK/CONTAINMENT STRUCTURE
FORMER WEST METERING TANK/CONTAINMENT STRUCTURE
FORMER WASTEWATER/ STORMWATER BASINS
SWITCH YARD
PROPERTY BOUNDARY

SCALE:

125 0 125 250
Feet

FIGURE F5A



NOTES:

mg/kg - MILLIGRAMS PER KILOGRAM;

i - INDICATES AN ESTIMATED CONCENTRATION BETWEEN THE PQL AND MDL;

U - INDICATES THE ANALYTE WAS NOT DETECTED ABOVE THE SPECIFIED MDL;

J-03 - INDICATES MATRIX SPIKE RECOVERY EXCEEDED MDL;

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TRPH IN SOIL
2 TO 4 FEET BLS

Florida Power & Light Company
Former Cutler Power Plant Property
HWR-442/File-16360/IW-79
Miami, Florida

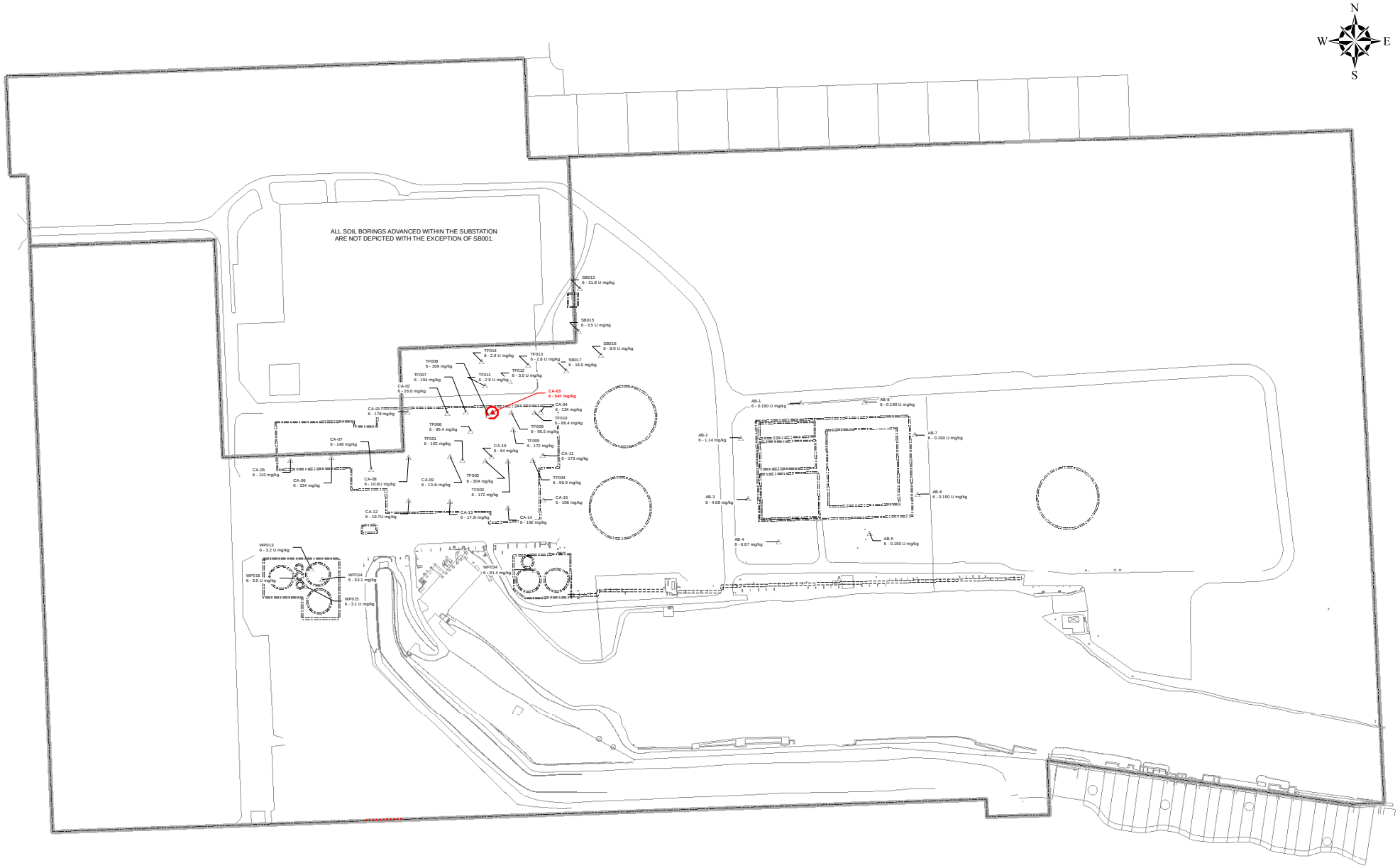
LEGEND:

- FORMER NO.6/HEAVY FUEL OIL BULK STRORAGE AST
- FORMER POWER BLOCK/ BACKFILLED AREA
- FORMER No. 6 OIL/ HEAVY FUEL OIL PIPELINE
- SOIL BORING TRPH BELOW SCTLs
- SOIL BORING TRPH EXCEEDS SCTL
- ESTIMATED EXTENT OF TRPH EXCEEDING SCTLs
- FORMER EAST METERING TANK/CONTAINMENT STRUCTURE
- FORMER WEST METERING TANK/CONTAINMENT STRUCTURE
- FORMER WASTEWATER/ STORMWATER BASINS
- SWITCH YARD
- PROPERTY BOUNDARY

SCALE:

125 0 125 250
Feet

FIGURE F5B



NOTES:

mg/kg - MILLIGRAMS PER KILOGRAM;

i - INDICATES AN ESTIMATED CONCENTRATION BETWEEN THE PQL AND MDL;

U - INDICATES THE ANALYTE WAS NOT DETECTED ABOVE THE SPECIFIED MDL;

J-03 - INDICATES MATRIX SPIKE RECOVERY EXCEEDED MDL;

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TRPH IN SOIL
4 TO 6 FEET BLS

Florida Power & Light Company
Former Cutler Power Plant Property
HWR-442/File-16360/IW-79
Miami, Florida

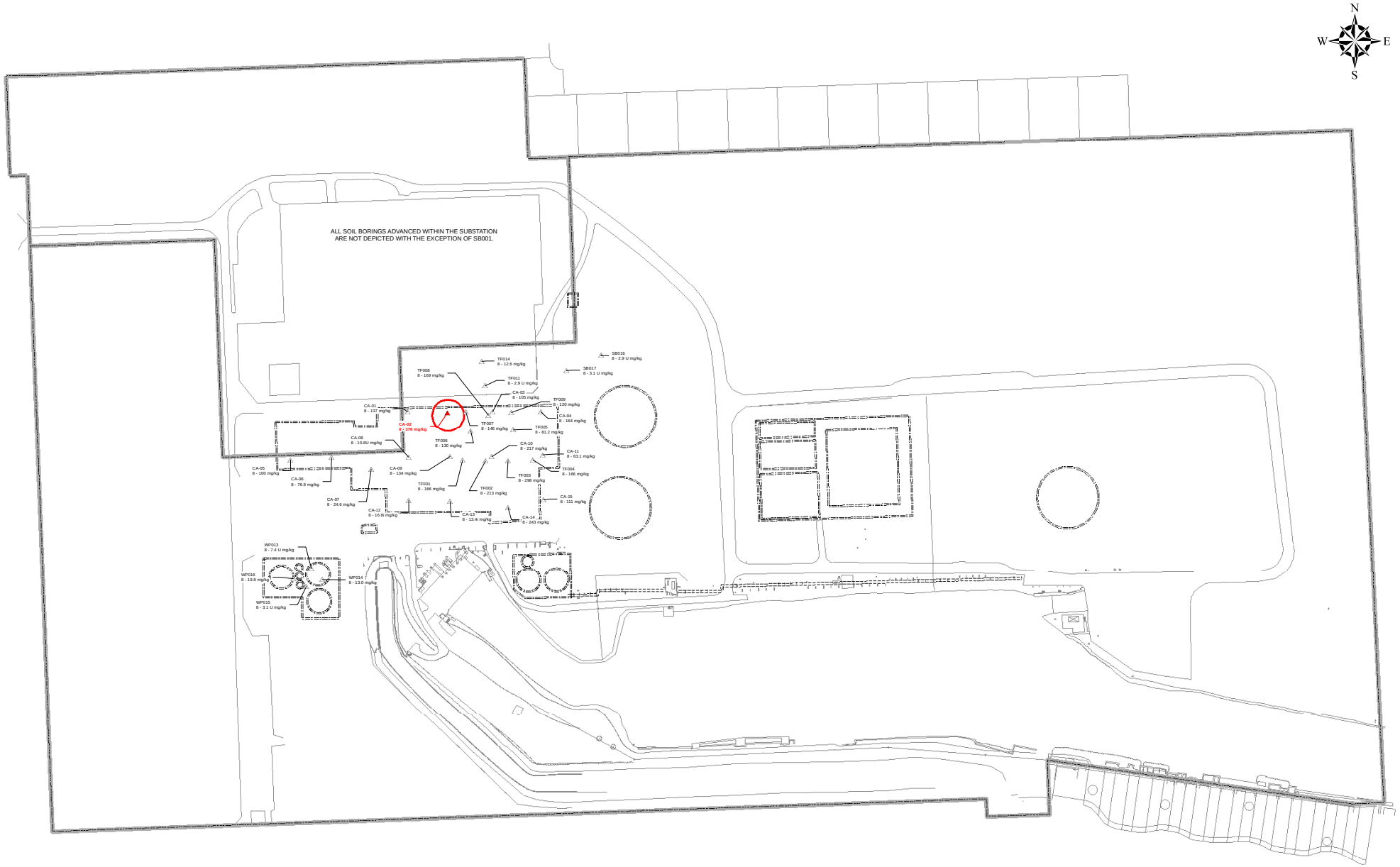
LEGEND:

- FORMER NO.6/HEAVY FUEL OIL BULK STRORAGE AST
- FORMER POWER BLOCK/ BACKFILLED AREA
- FORMER No. 6 OIL/ HEAVY FUEL OIL PIPELINE
- SOIL BORING TRPH BELOW SCTLs
- SOIL BORING TRPH EXCEEDS SCTL
- ESTIMATED EXTENT OF TRPH EXCEEDING SCTLs
- FORMER EAST METERING TANK/CONTAINMENT STRUCTURE
- FORMER WEST METERING TANK/CONTAINMENT STRUCTURE
- FORMER WASTEWATER/ STORMWATER BASINS
- SWITCH YARD
- PROPERTY BOUNDARY

SCALE:

125 0 125 250
Feet

FIGURE F5C



NOTES:

mg/kg - MILLIGRAMS PER KILOGRAM;

i - INDICATES AN ESTIMATED CONCENTRATION BETWEEN THE PQL AND MDL;

U - INDICATES THE ANALYTE WAS NOT DETECTED ABOVE THE SPECIFIED MDL;

J-03 - INDICATES MATRIX SPIKE RECOVERY EXCEEDED MDL;

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TRPH IN SOIL
6 TO 8 FEET BLS

Florida Power & Light Company
Former Cutler Power Plant Property
HWR-442/File-16360/IW-79
Miami, Florida

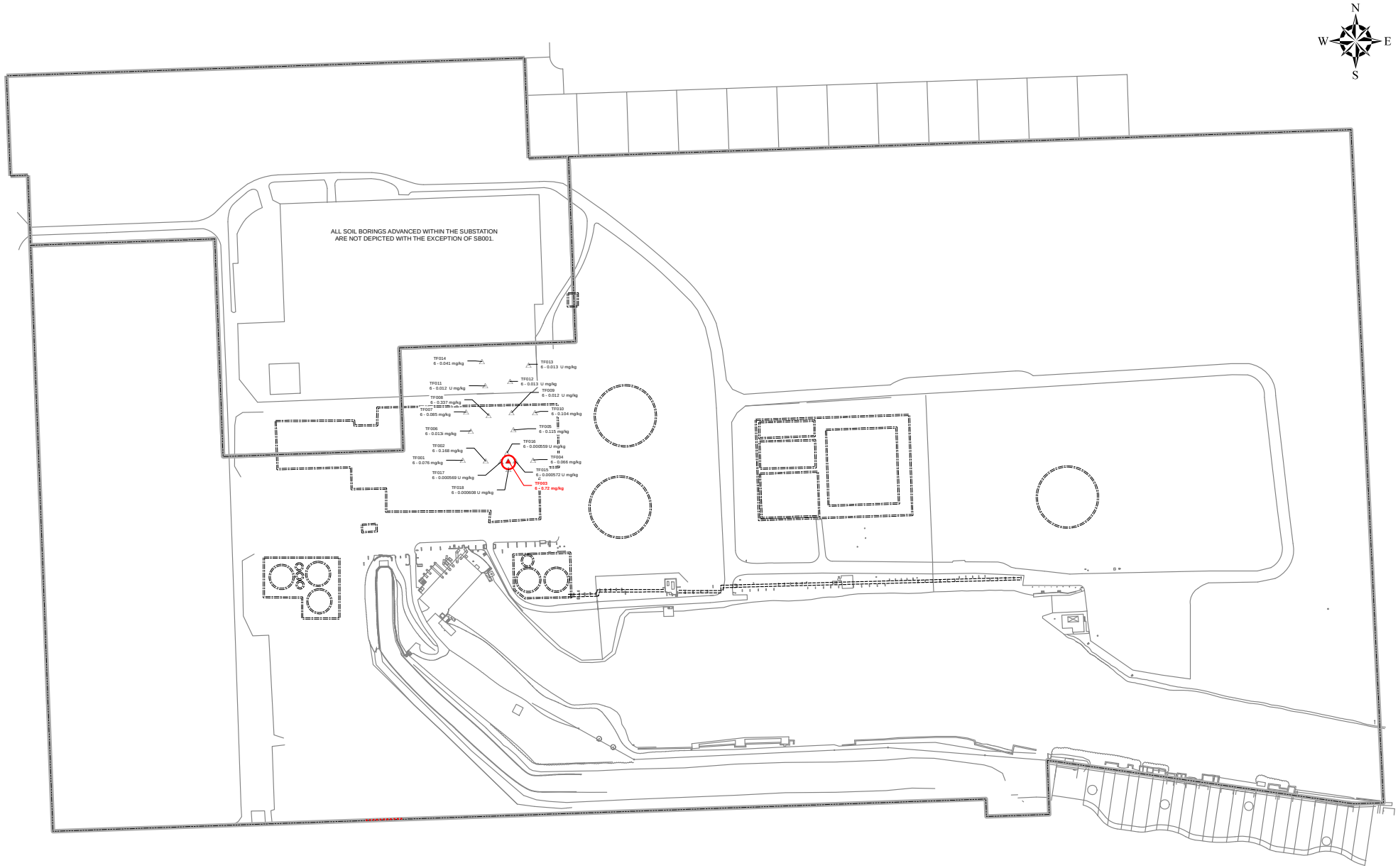
LEGEND:

- FORMER NO.6/HEAVY FUEL OIL BULK STRORAGE AST
- FORMER POWER BLOCK/ BACKFILLED AREA
- FORMER No. 6 OIL/ HEAVY FUEL OIL PIPELINE
- FORMER EAST METERING TANK/CONTAINMENT STRUCTURE
- FORMER WEST METERING TANK/CONTAINMENT STRUCTURE
- FORMER WASTEWATER/ STORMWATER BASINS
- SWITCH YARD
- PROPERTY BOUNDARY
- SOIL BORING TRPH BELOW SCTLs
- SOIL BORING TRPH EXCEEDS SCTL
- ESTIMATED EXTENT OF TRPH EXCEEDING SCTLs

SCALE:

125 0 125 250
Feet

FIGURE F5D



NOTES:

mg/kg - MILLIGRAMS PER KILOGRAM;

i - INDICATES AN ESTIMATED CONCENTRATION BETWEEN THE PQL AND MDL;

U - INDICATES THE ANALYTE WAS NOT DETECTED ABOVE THE SPECIFIED MDL;

J-03 - INDICATES MATRIX SPIKE RECOVERY EXCEEDED MDL;

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PCBs DELINEATION MAP

Florida Power & Light Company
Former Cutler Power Plant Property
HWR-442/File-16360/IW-79
Miami, Florida

LEGEND:

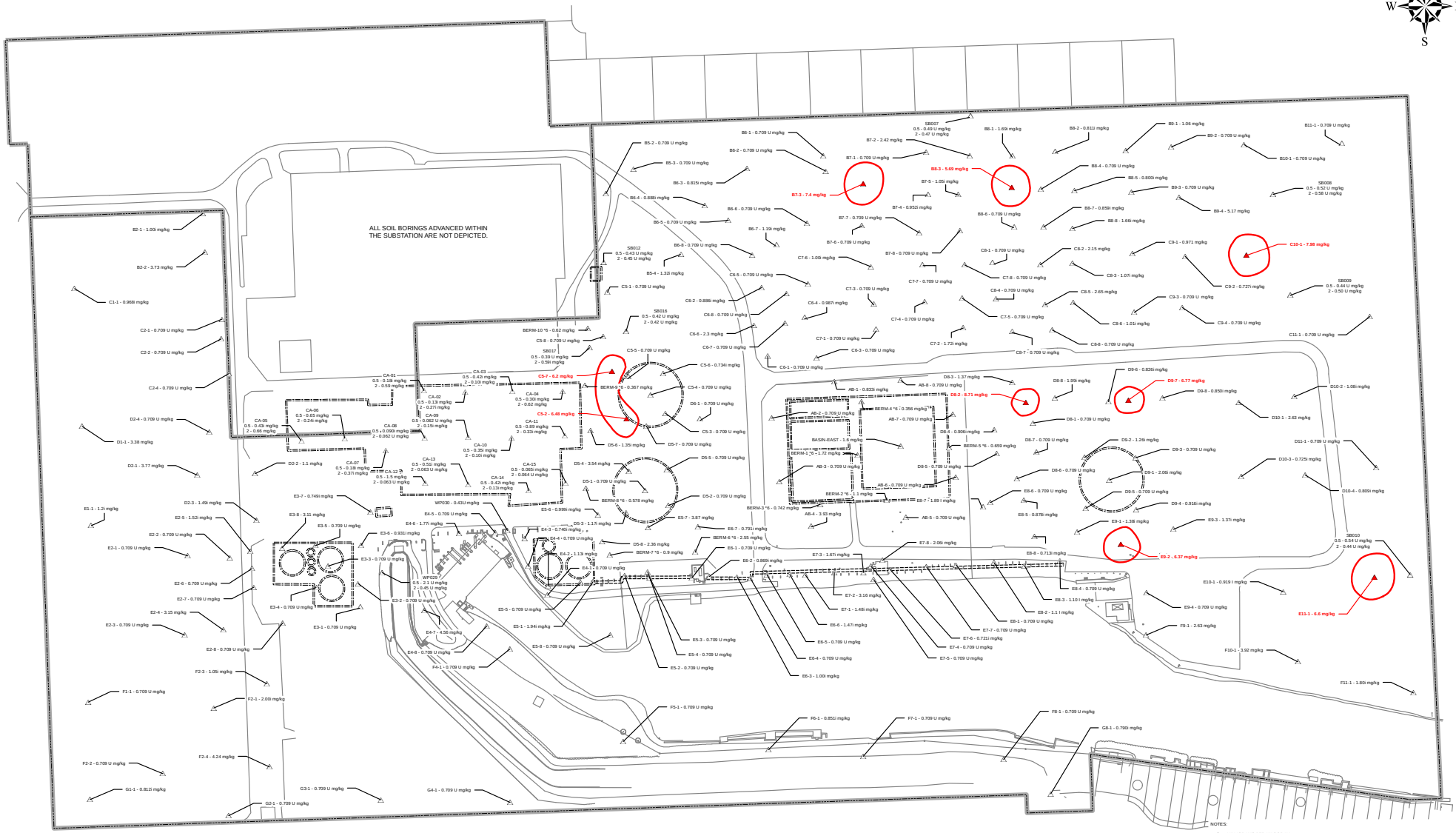
- FORMER NO.6/HEAVY FUEL OIL BULK STRORAGE AST
- FORMER POWER BLOCK/ BACKFILLED AREA
- FORMER No. 6 OIL/ HEAVY FUEL OIL PIPELINE
- FORMER EAST METERING TANK/CONTAINMENT STRUCTURE
- FORMER WEST METERING TANK/CONTAINMENT STRUCTURE
- FORMER WASTEWATER/ STORMWATER BASINS
- SWITCH YARD
- PROPERTY BOUNDARY
- SOIL BORING PCBs BELOW SCTLs
- SOIL BORING PCBs EXCEEDS SCTL
- ESTIMATED EXTENT OF PCBs EXCEEDING SCTLs

SCALE:

125 0 125 250
Feet

FIGURE F6

UPDATED: 07/27/2015



NOTES:

mg/kg - MILLIGRAMS PER KILOGRAM;

*6 - SOIL BORINGS BERM-1 THROUGH BERM-10 WERE ADVANCED IN THE BERMS SURROUNDING THE WASTEWATER/STORMWATER BASINS AND THE FORMER BULK FUEL ASTS. SAMPLES COLLECTED FROM EACH BERM BORING AT A DEPTH INTERVAL OF 4 TO 6 FEET IS APPROXIMATELY THE SAME ELEVATION AS NON-BERM SAMPLES COLLECTED BETWEEN LAND SURFACE AND 2 FEET BLS. THEREFORE, BERM-1 THROUGH BERM-10 ARE DEPICTED WITH NON-BERM SAMPLES COLLECTED BETWEEN LAND SURFACE AND 2 FEET BLS;

i - INDICATES AN ESTIMATED CONCENTRATION BETWEEN THE PQL AND MDL;

U - INDICATES THE ANALYTE WAS NOT DETECTED ABOVE THE SPECIFIED MDL;

J-03 - INDICATES MATRIX SPIKE RECOVERY EXCEEDED MDL;

0.5 - INDICATES THE SAMPLE WAS COLLECTED BETWEEN LAND SURFACE AND 0.5 FEET BELOW LAND SURFACE (BLS)

REVISED AUGUST 2015

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ANTIMONY IN SOIL 0 TO 2 FEET BLS

Florida Power & Light Company
Former Cutler Power Plant Property
HWR-442/File-16360/IW-79
Miami, Florida

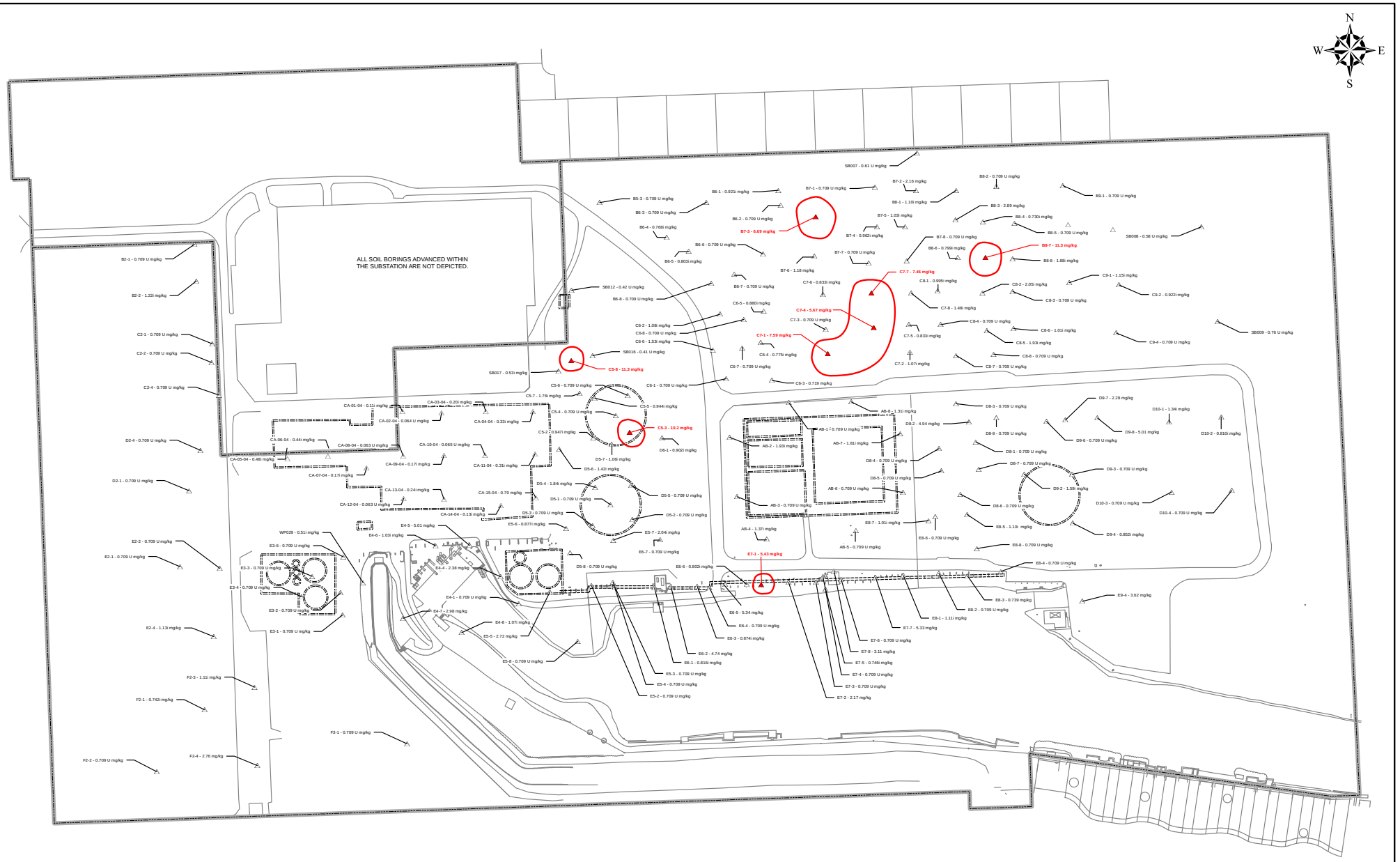
LEGEND:

- FORMER NO.6/HEAVY FUEL OIL BULK STRORAGE AST
- FORMER POWER BLOCK/ BACKFILLED AREA
- FORMER No. 6 OIL/ HEAVY FUEL OIL PIPELINE
- FORMER EAST METERING TANK/CONTAINMENT STRUCTURE
- FORMER WEST METERING TANK/CONTAINMENT STRUCTURE
- FORMER WASTEWATER/ STORMWATER BASINS
- SWITCH YARD
- PROPERTY BOUNDARY
- SOIL BORING ANTIMONY BELOW 5.4 MG/KG
- SOIL BORING ANTIMONY EXCEEDING 5.4 MG/KG
- ESTIMATED EXTENT OF ANTIMONY EXCEEDING 5.4 MG/KG

SCALE:

125 0 125 250
Feet

FIGURE 7A



NOTES:

mg/kg - MILLIGRAMS PER KILOGRAM;

i - INDICATES AN ESTIMATED CONCENTRATION BETWEEN THE PQL AND MDL;

U - INDICATES THE ANALYTE WAS NOT DETECTED ABOVE THE SPECIFIED MDL;

J-03 - INDICATES MATRIX SPIKE RECOVERY EXCEEDED MDL

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ANTIMONY IN SOIL 2 TO 4 FEET BLS

Florida Power & Light Company
Former Cutler Power Plant Property
HWR-442/File-16360/IW-79
Miami, Florida

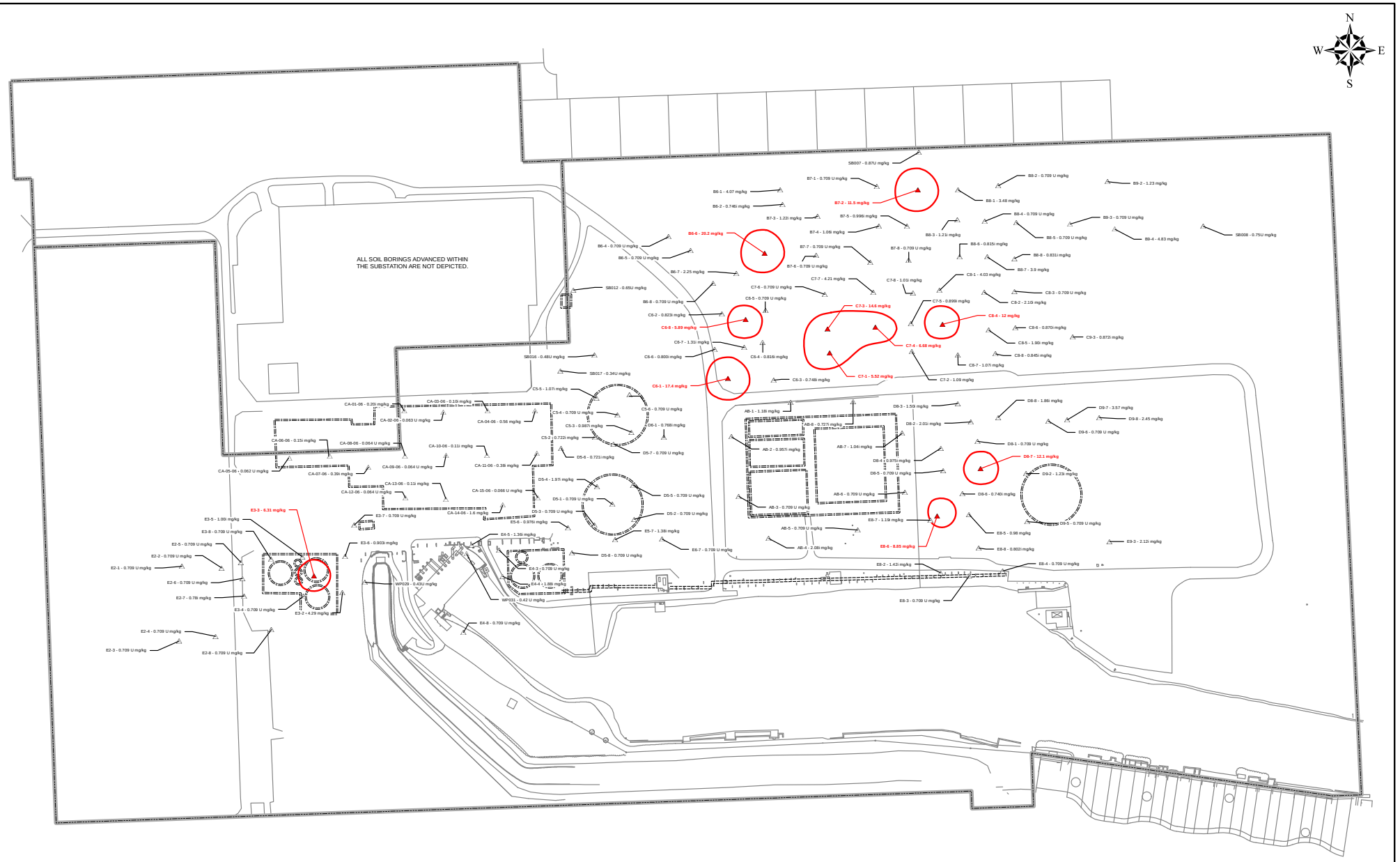
LEGEND:

- FORMER NO.6/HEAVY FUEL OIL BULK STRORAGE AST
- FORMER POWER BLOCK/ BACKFILLED AREA
- FORMER No. 6 OIL/ HEAVY FUEL OIL PIPELINE
- FORMER EAST METERING TANK/CONTAINMENT STRUCTURE
- FORMER WEST METERING TANK/CONTAINMENT STRUCTURE
- FORMER WASTEWATER/ STORMWATER BASINS
- SWITCH YARD
- PROPERTY BOUNDARY
- SOIL BORING ANTIMONY BELOW 5.4 MG/KG
- SOIL BORING ANTIMONY EXCEEDING 5.4 MG/KG
- ESTIMATED EXTENT OF ANTIMONY EXCEEDING 5.4 MG/KG

SCALE:

125 0 125 250
Feet

FIGURE F7B



NOTES:

mg/kg - MILLIGRAMS PER KILOGRAM;

i - INDICATES AN ESTIMATED CONCENTRATION BETWEEN THE PQL AND MDL;

U - INDICATES THE ANALYTE WAS NOT DETECTED ABOVE THE SPECIFIED MDL;

J-03 - INDICATES MATRIX SPIKE RECOVERY EXCEEDED MDL

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ANTIMONY IN SOIL 4 TO 6 FEET BLS

Florida Power & Light Company
Former Cutler Power Plant Property
HWR-442/File-16360/IW-79
Miami, Florida

LEGEND:

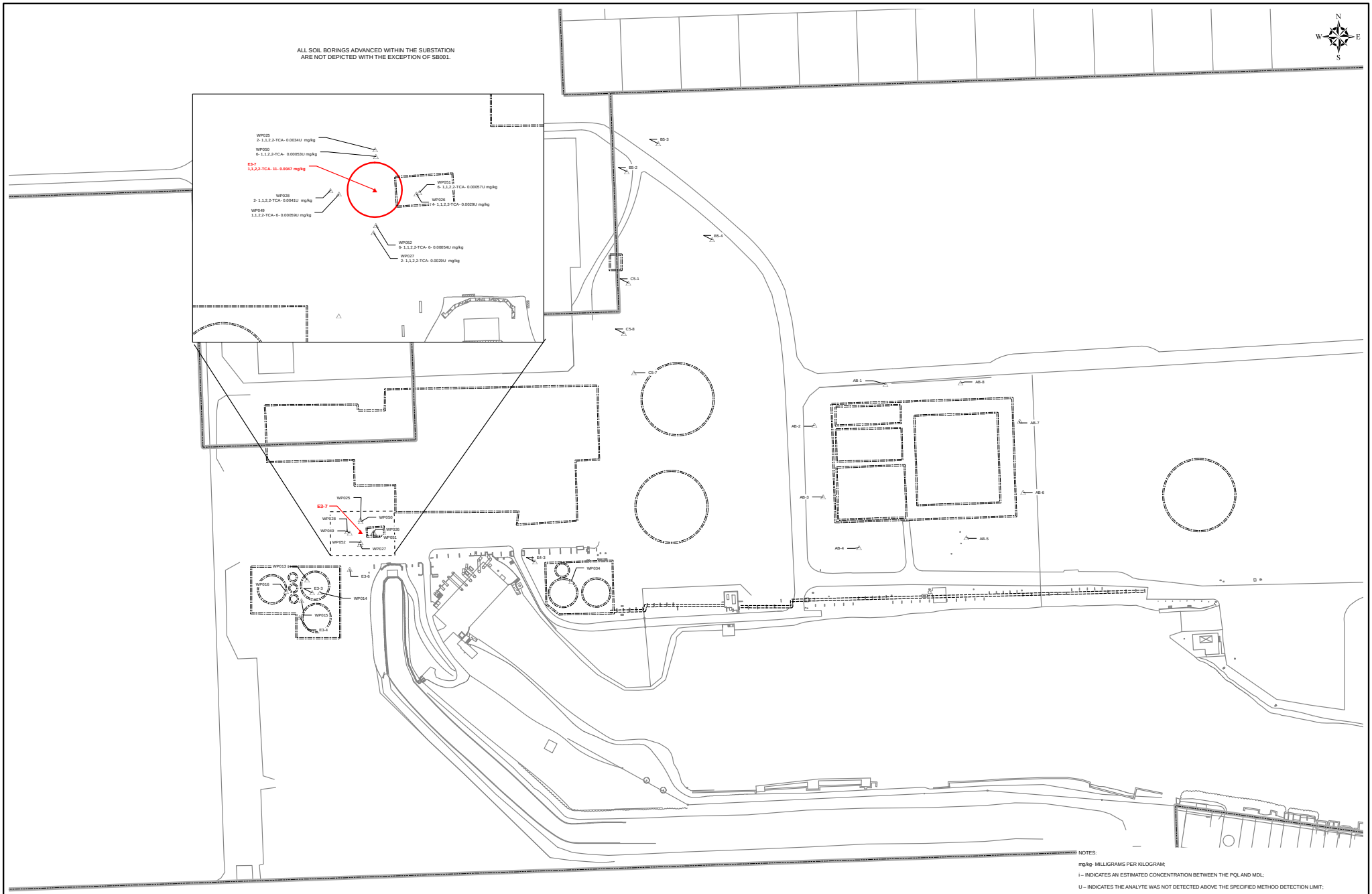
- FORMER NO.6/HEAVY FUEL OIL BULK STRORAGE AST
- FORMER POWER BLOCK/ BACKFILLED AREA
- FORMER No. 6 OIL/ HEAVY FUEL OIL PIPELINE
- FORMER EAST METERING TANK/CONTAINMENT STRUCTURE
- FORMER WEST METERING TANK/CONTAINMENT STRUCTURE
- FORMER WASTEWATER/ STORMWATER BASINS
- SWITCH YARD
- PROPERTY BOUNDARY
- SOIL BORING ANTIMONY BELOW 5.4 MG/KG
- SOIL BORING ANTIMONY EXCEEDING 5.4 MG/KG
- ESTIMATED EXTENT OF ANTIMONY EXCEEDING 5.4 MG/KG

SCALE:

125 0 125 250
Feet

FIGURE F7C

ALL SOIL BORINGS ADVANCED WITHIN THE SUBSTATION
ARE NOT DEPICTED WITH THE EXCEPTION OF SB001.



NOTES:

mg/kg- MILLIGRAMS PER KILOGRAM;

i – INDICATES AN ESTIMATED CONCENTRATION BETWEEN THE PQL AND MDL;

U – INDICATES THE ANALYTE WAS NOT DETECTED ABOVE THE SPECIFIED METHOD DETECTION LIMIT;

0.5 - INDICATES THE SAMPLE WAS COLLECTED BETWEEN LAND SURFACE AND 0.5 FEET BELOW LAND SURFACE (BLS)

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VOCs IN SOIL

Florida Power & Light Company
Former Cutler Power Plant Property
HWR-442/File-16360/IW-79
Miami, Florida

LEGEND:

- FORMER NO.6/HEAVY FUEL OIL BULK STRORAGE AST
- FORMER POWER BLOCK/ BACKFILLED AREA
- FORMER No. 6 OIL/ HEAVY FUEL OIL PIPELINE
- SOIL BORING 1,1,2,2-TETRACHLOROETHANE BELOW 0.001 MG/KG
- SOIL BORING 1,1,2,2-TETRACHLOROETHANE EXCEEDS 0.001 MG/KG
- ESTIMATED EXTENT OF 1,1,2,2-TETRACHLOROETHANE EXCEEDING 0.001 MG/KG
- FORMER EAST METERING TANK/CONTAINMENT STRUCTURE
- FORMER WEST METERING TANK/CONTAINMENT STRUCTURE
- FORMER WASTEWATER/ STORMWATER BASINS
- SWITCH YARD
- PROPERTY BOUNDARY
- PAINT STORAGE/CHEMICAL STORAGE BUILDINGS

SCALE:

100 50 0 100 200
Feet

FIGURE F8

Cumulative Soil Results Tables

LIST OF ANALYTES DETECTED AT CONCENTRATIONS EXCEEDING SOIL CLEANUP TARGET LEVELS (SCTLs)

	SCTLs (mg/kg)		
ANALYTE	RESIDENTAL	COMMERCIAL/INDUSTRIAL	LEACHABILITY
Acenaphthene	2400	20000	2.1
Benzo (a) anthracene	#	#	0.8
Benzo (a) pyrene	0.1	0.7	8
Benzo (b) fluoranthene	#	#	2.4
Dibenz (a,h) anthracene	#	#	0.7
Indeno(1,2,3-cd)pyrene	#	#	6.6
Benzo(a)pyrene equivalents	0.1	0.7	n/a
TRPH	460	2700	340
TOTAL PCBs	0.5	2.6	17
1,1,2,2-Tetrachloroethane	0.7	1.2	0.001
Antimony	27	370	5.4
Arsenic	5.2*	12	***
Nickel	340	35000	130
Vanadium	67	10000	980

Notes

= Converted to Benzo(a)pyrene equivalents before comparison with the appropriate direct exposure SCTL for Benzo(a)pyrene;

5.2 = Background concentration of arsenic in soil from 6" - 24" (5 mg/kg) in southern Miami-Dade County, per Miami-Dade County Regulatory & Economic Resources memorandum "Miami-Dade County Anthropogenic Background Study," dated April 3, 2014;

*** Leachability values may be derived using the SPLP Test to calculate site-specific SCTL's or may be determined using TCLP in the event oily wastes are present;

N- indicates concentration does not exceed SCTLs;

RDE- indicates concentration exceeds SCTL for residential direct exposure;

RDE5.2- indicates arsenic concentration exceeds 5.2 mg/kg;

CIDE- indicates concentration exceeds SCTL for commercial/industrial direct exposure;

L- indicates concentration exceeds SCTL for leachability to groundwater criteria;

U not detected at specified concentration

I estimated concentration between the MDL and PQL

mg/kg- milligrams per kilogram; and

Sample E3-7-11 was collected approximately 1 foot above the soil/water interface prior to demolition activities. Samples WP049-05, WP050-05, WP051-05 and WP052-05 were also collected approximately 1 foot above the soil water interface during demolition activities. The difference in the observed depth to water is likely the results of excavation activities conducted to remove piles and footers.

LIST OF CUMULATIVE RESULTS TABLES

Table F1A Cumulative Metals Results

Table F1B Cumulative PAH Results

Table F1C Cumulative TRPH Results

Table F1D Cumulative PCB Results

Table F1E Cumulative 1,1,2,2-Tetrachloroethane Results

TABLE F1A METALS RESULTS											
Point id	Sample id	Sample Depth	Sample Date	Antimony	Sb_Exceed	Arsenic	As_Exceed	Nickel	Ni_Exceed	Vanadium	V_Exceed
AB-1	AB-1-2	0 to 2 ft bls	2/15/2013	0.833 i mg/kg	N	5.53 mg/kg	RDE5.2	285 mg/kg	L	1810 mg/kg	L
AB-1	AB-1-4	2 to 4 ft bls	2/15/2013	0.709 U mg/kg	N	7.14 mg/kg	RDE5.2	314 mg/kg	L	2280 mg/kg	L
AB-1	AB-1-6	4 to 6 ft bls	2/15/2013	1.18 i mg/kg	N	12 mg/kg	RDE5.2	141 mg/kg	L	2480 mg/kg	L
AB-2	AB-2-2	0 to 2 ft bls	2/15/2013	0.709 U mg/kg	N	1.19 mg/kg	N	0.764 mg/kg	N	7.21 mg/kg	N
AB-2	AB-2-4	2 to 4 ft bls	2/15/2013	1.93 i mg/kg	N	1.06 mg/kg	N	0.608 mg/kg	N	5.73 mg/kg	N
AB-2	AB-2-6	4 to 6 ft bls	2/15/2013	0.957 i mg/kg	N	1.2 mg/kg	N	1.61 mg/kg	N	9.93 mg/kg	N
AB-3	AB-3-2	0 to 2 ft bls	2/15/2013	0.709 U mg/kg	N	1.59 mg/kg	N	1.25 mg/kg	N	11.7 mg/kg	N
AB-3	AB-3-4	2 to 4 ft bls	2/15/2013	0.709 U mg/kg	N	1.18 mg/kg	N	1.3 mg/kg	N	18.9 mg/kg	N
AB-3	AB-3-6	4 to 6 ft bls	2/15/2013	0.709 U mg/kg	N	2.68 mg/kg	RDE	1.76 mg/kg	N	27.2 mg/kg	N
AB-4	AB-4-2	0 to 2 ft bls	2/15/2013	3.93 mg/kg	N	1.23 mg/kg	N	69.9 mg/kg	N	55.7 mg/kg	N
AB-4	AB-4-4	2 to 4 ft bls	2/15/2013	1.37 i mg/kg	N	1.11 mg/kg	N	1.02 mg/kg	N	5.05 mg/kg	N
AB-4	AB-4-6	4 to 6 ft bls	2/15/2013	2.08 i mg/kg	N	8.2 mg/kg	RDE5.2	583 mg/kg	RDE	4650 mg/kg	L
AB-5	AB-5-2	0 to 2 ft bls	2/15/2013	0.709 U mg/kg	N	0.908 mg/kg	N	0.908 mg/kg	N	5.98 mg/kg	N
AB-5	AB-5-4	2 to 4 ft bls	2/15/2013	0.709 U mg/kg	N	1.15 mg/kg	N	0.8 mg/kg	N	4 mg/kg	N
AB-5	AB-5-6	4 to 6 ft bls	2/15/2013	0.709 U mg/kg	N	3.94 mg/kg	RDE	1.23 mg/kg	N	376 mg/kg	RDE
AB-6	AB-6-2	0 to 2 ft bls	2/15/2013	0.709 U mg/kg	N	0.783 mg/kg	N	0.887 J-03 mg/kg	N	4.43 J-03 mg/kg	N
AB-6	AB-6-4	2 to 4 ft bls	2/15/2013	0.709 U mg/kg	N	0.94 mg/kg	N	1.04 mg/kg	N	6.42 mg/kg	N
AB-6	AB-6-6	4 to 6 ft bls	2/15/2013	0.709 U mg/kg	N	0.661 mg/kg	N	0.813 mg/kg	N	2.9 mg/kg	N
AB-7	AB-7-2	0 to 2 ft bls	2/15/2013	0.709 U mg/kg	N	0.651 mg/kg	N	1.05 mg/kg	N	2.3 mg/kg	N
AB-7	AB-7-4	2 to 4 ft bls	2/15/2013	1.81 i mg/kg	N	1.29 mg/kg	N	1.14 mg/kg	N	4.81 mg/kg	N
AB-7	AB-7-6	4 to 6 ft bls	2/15/2013	1.04 i mg/kg	N	0.856 mg/kg	N	0.811 mg/kg	N	5.27 mg/kg	N
AB-8	AB-8-2	0 to 2 ft bls	2/15/2013	0.709 U mg/kg	N	0.893 mg/kg	N	2.89 mg/kg	N	23 mg/kg	N
AB-8	AB-8-4	2 to 4 ft bls	2/15/2013	1.31 i mg/kg	N	8.68 mg/kg	RDE5.2	223 mg/kg	L	1090 mg/kg	L
AB-8	AB-8-6	4 to 6 ft bls	2/15/2013	0.727 i mg/kg	N	4.2 mg/kg	RDE	147 mg/kg	L	887 mg/kg	RDE
B10-1	B10-1-2	0 to 2 ft bls	2/13/2013	0.709 U mg/kg	N	6.26 mg/kg	RDE5.2	0.671 mg/kg	N	2.68 mg/kg	N
B10-1N	B10-1N	0 to 2 ft bls	9/25/2013			2.99 mg/kg	RDE				
B1-1	B1-1-3	2 to 4 ft bls	2/14/2013	0.709 U mg/kg	N	1 mg/kg	N	0.527 mg/kg	N	1.11 mg/kg	N
B11-1	B11-1-2	0 to 2 ft bls	2/13/2013	0.709 U mg/kg	N	3.02 mg/kg	RDE	0.492 mg/kg	N	2.83 mg/kg	N
B11-1N	B11-1N	0 to 2 ft bls	9/25/2013			5.15 mg/kg	RDE				
B2-1	B2-1-2	0 to 2 ft bls	2/15/2013	1.00 i mg/kg	N	1.31 mg/kg	N	0.742 mg/kg	N	1.61 mg/kg	N
B2-1	B2-1-4	2 to 4 ft bls	2/15/2013	0.709 U mg/kg	N	1.24 mg/kg	N	0.742 J-03 mg/kg	N	1.73 mg/kg	N
B2-2	B2-2-2	0 to 2 ft bls	2/15/2013	3.73 mg/kg	N	0.747 mg/kg	N	2.52 mg/kg	N	8.59 mg/kg	N
B2-2	B2-2-4	2 to 4 ft bls	2/15/2013	1.22 i mg/kg	N	0.677 mg/kg	N	0.947 mg/kg	N	4.83 mg/kg	N
B5-2	B5-2-2	0 to 2 ft bls	2/13/2013	0.709 U mg/kg	N	2.79 mg/kg	RDE	0.672 mg/kg	N	6.04 mg/kg	N
B5-3	B5-3-2	0 to 2 ft bls	2/14/2013	0.709 U mg/kg	N	3.28 mg/kg	RDE	330 mg/kg	L	1040 mg/kg	L
B5-3	B5-3-4	2 to 4 ft bls	2/14/2013	0.709 U mg/kg	N	1.92 mg/kg	N	1.7 mg/kg	N	95 mg/kg	RDE
B5-3N	B5-3N	0 to 2 ft bls	9/25/2013			11.9 mg/kg	RDE5.2			26.7 mg/kg	N
B5-4	B5-4-2	0 to 2 ft bls	2/13/2013	1.32 i mg/kg	N	7.59 mg/kg	RDE5.2	33.4 mg/kg	N	129 mg/kg	RDE
B6-1	B6-1-2	0 to 2 ft bls	2/14/2013	0.709 U mg/kg	N	1.08 mg/kg	N	7.27 mg/kg	N	244 mg/kg	RDE
B6-1	B6-1-4	2 to 4 ft bls	2/14/2013	0.921 i mg/kg	N	5.58 mg/kg	RDE5.2	228 mg/kg	L	1860 mg/kg	L
B6-1	B6-1-6	4 to 6 ft bls	2/14/2013	4.07 mg/kg	N	19.6 mg/kg	CIDE	5.32 mg/kg	N	53.4 mg/kg	N
B6-1N	B6-1N	0 to 2 ft bls	9/25/2013			2.72 mg/kg	RDE			9.45 mg/kg	N
B6-2	B6-2-2	0 to 2 ft bls	2/14/2013	0.709 U mg/kg	N	0.943 mg/kg	N	3.98 mg/kg	N	188 mg/kg	RDE
B6-2	B6-2-4	2 to 4 ft bls	2/14/2013	0.709 U mg/kg	N	0.718 mg/kg	N	1.1 mg/kg	N	36.7 mg/kg	N
B6-2	B6-2-6	4 to 6 ft bls	2/14/2013	0.746 i mg/kg	N	1.01 mg/kg	N	5.97 mg/kg	N	167 mg/kg	RDE
B6-3	B6-3-2	0 to 2 ft bls	2/14/2013	0.815 i mg/kg	N	4.18 mg/kg	RDE	2.75 mg/kg	N	7.74 mg/kg	N
B6-3	B6-3-4	2 to 4 ft bls	2/14/2013	0.709 U mg/kg	N	1.1 mg/kg	N	0.926 mg/kg	N	3.93 mg/kg	N
B6-3N	B6-3N	0 to 2 ft bls	9/25/2013			7.58 mg/kg	RDE5.2				
B6-4	B6-4-2	0 to 2 ft bls	2/15/2013	0.888 i mg/kg	N	1.72 mg/kg	N	1.93 mg/kg	N	12.1 mg/kg	N
B6-4	B6-4-4	2 to 4 ft bls	2/15/2013	0.768 i mg/kg	N	1.31 mg/kg	N	0.384 mg/kg	N	0.691 mg/kg	N
B6-4	B6-4-6	4 to 6 ft bls	2/15/2013	0.709 U mg/kg	N	1.34 mg/kg	N	1.49 mg/kg	N	3.15 mg/kg	N

TABLE F1A METALS RESULTS											
Point id	Sample id	Sample Depth	Sample Date	Antimony	Sb_Exceed	Arsenic	As_Exceed	Nickel	Ni_Exceed	Vanadium	V_Exceed
B6-5	B6-5-2	0 to 2 ft bls	2/14/2013	0.709 U mg/kg	N	1.46 mg/kg	N	1.56 mg/kg	N	8.75 mg/kg	N
B6-5	B6-5-4	2 to 4 ft bls	2/14/2013	0.803 i mg/kg	N	1.45 mg/kg	N	1.61 mg/kg	N	16.5 mg/kg	N
B6-5	B6-5-6	4 to 6 ft bls	2/14/2013	0.709 U mg/kg	N	4.51 mg/kg	RDE	2.02 mg/kg	N	12.7 mg/kg	N
B6-6	B6-6-2	0 to 2 ft bls	2/15/2013	0.709 U mg/kg	N	15.2 mg/kg	CIDE	35.3 mg/kg	N	26.5 mg/kg	N
B6-6	B6-6-4	2 to 4 ft bls	2/15/2013	0.709 U mg/kg	N	5.03 mg/kg	RDE	1.02 mg/kg	N	4.89 mg/kg	N
B6-6	B6-6-6	4 to 6 ft bls	2/15/2013	20.2 mg/kg	L	7.98 mg/kg	RDE5.2	3.02 mg/kg	N	1.77 mg/kg	N
B6-7	B6-7-2	0 to 2 ft bls	2/15/2013	1.19 i mg/kg	N	2.97 mg/kg	RDE	1.52 mg/kg	N	212 mg/kg	RDE
B6-7	B6-7-4	2 to 4 ft bls	2/15/2013	0.709 U mg/kg	N	22.3 mg/kg	CIDE	1590 mg/kg	RDE	7200 mg/kg	L
B6-7	B6-7-6	4 to 6 ft bls	2/15/2013	2.25 mg/kg	N	4.77 mg/kg	RDE	2.12 mg/kg	N	21.3 mg/kg	N
B6-8	B6-8-2	0 to 2 ft bls	2/15/2013	0.709 U mg/kg	N	1.25 mg/kg	N	4.24 mg/kg	N	22.5 mg/kg	N
B6-8	B6-8-4	2 to 4 ft bls	2/15/2013	0.709 U mg/kg	N	2.86 mg/kg	RDE	1.64 mg/kg	N	13.7 mg/kg	N
B6-8	B6-8-6	4 to 6 ft bls	2/15/2013	0.709 U mg/kg	N	2.72 mg/kg	RDE	1.91 mg/kg	N	6.98 mg/kg	N
B7-1	B7-1-2	0 to 2 ft bls	2/14/2013	0.709 U mg/kg	N	3.58 mg/kg	RDE	0.68 mg/kg	N	0.68 mg/kg	N
B7-1	B7-1-3.5	2 to 4 ft bls	2/14/2013	0.709 U mg/kg	N	4.57 mg/kg	RDE	0.554 mg/kg	N	1.04 mg/kg	N
B7-1	B7-1-5	4 to 6 ft bls	2/14/2013	0.709 U mg/kg	N	4.62 mg/kg	RDE	2.81 mg/kg	N	432 mg/kg	RDE
B7-1N	B7-1N	0 to 2 ft bls	9/25/2013			2.66 mg/kg	RDE				
B7-2	B7-2-2	0 to 2 ft bls	2/14/2013	2.42 mg/kg	N	0.725 mg/kg	N	0.919 mg/kg	N	4.84 mg/kg	N
B7-2	B7-2-3.5	2 to 4 ft bls	2/14/2013	2.16 mg/kg	N	2.39 mg/kg	RDE	1.24 mg/kg	N	18.4 mg/kg	N
B7-2	B7-2-5	4 to 6 ft bls	2/14/2013	11.5 mg/kg	L	9.91 mg/kg	RDE5.2	5.06 mg/kg	N	6.27 mg/kg	N
B7-3	B7-3-2	0 to 2 ft bls	2/15/2013	7.4 mg/kg	L	17.5 mg/kg	CIDE	1.98 mg/kg	N	89.5 mg/kg	RDE
B7-3	B7-3-3.5	2 to 4 ft bls	2/15/2013	6.69 mg/kg	L	4.21 mg/kg	RDE	1.3 mg/kg	N	7.77 mg/kg	N
B7-3	B7-3-5	4 to 6 ft bls	2/15/2013	1.22 i mg/kg	N	5.57 mg/kg	RDE5.2	0.884 mg/kg	N	8.36 mg/kg	N
B7-3N	B7-3N	0 to 2 ft bls	9/25/2013			3.57 mg/kg	RDE			4.99 mg/kg	N
B7-4	B7-4-2	0 to 2 ft bls	2/14/2013	0.952 i mg/kg	N	4.51 mg/kg	RDE	1.4 mg/kg	N	10.5 mg/kg	N
B7-4	B7-4-3.5	2 to 4 ft bls	2/14/2013	0.962 i mg/kg	N	2.54 mg/kg	RDE	1.03 mg/kg	N	2.2 mg/kg	N
B7-4	B7-4-5	4 to 6 ft bls	2/14/2013	1.06 i mg/kg	N	3.97 mg/kg	RDE	0.567 mg/kg	N	52 mg/kg	N
B7-5	B7-5-2	0 to 2 ft bls	2/15/2013	1.05 i mg/kg	N	3.69 mg/kg	RDE	1.42 mg/kg	N	18.6 mg/kg	N
B7-5	B7-5-4	2 to 4 ft bls	2/15/2013	1.03 i mg/kg	N	4.85 mg/kg	RDE	0.969 mg/kg	N	4.79 mg/kg	N
B7-5	B7-5-6	4 to 6 ft bls	2/15/2013	0.996 i mg/kg	N	2.45 mg/kg	RDE	0.766 mg/kg	N	14 mg/kg	N
B7-6	B7-6-2	0 to 2 ft bls	2/15/2013	0.709 U mg/kg	N	1.04 mg/kg	N	2.8 mg/kg	N	12.3 mg/kg	N
B7-6	B7-6-3.5	2 to 4 ft bls	2/15/2013	1.18 mg/kg	N	5.1 mg/kg	RDE	147 mg/kg	L	826 mg/kg	RDE
B7-6	B7-6-5	4 to 6 ft bls	2/15/2013	0.709 U mg/kg	N	1.62 mg/kg	N	5.38 mg/kg	N	17.9 mg/kg	N
B7-7	B7-7-2	0 to 2 ft bls	2/15/2013	0.709 U mg/kg	N	1.43 mg/kg	N	1.16 mg/kg	N	7.51 mg/kg	N
B7-7	B7-7-4	2 to 4 ft bls	2/15/2013	0.709 U mg/kg	N	2.64 mg/kg	RDE	0.919 mg/kg	N	15.5 mg/kg	N
B7-7	B7-7-6	4 to 6 ft bls	2/15/2013	0.709 U mg/kg	N	4.11 mg/kg	RDE	0.822 mg/kg	N	0.658 mg/kg	N
B7-8	B7-8-2	0 to 2 ft bls	2/15/2013	0.709 U mg/kg	N	1.11 mg/kg	N	0.996 mg/kg	N	16.1 mg/kg	N
B7-8	B7-8-4	2 to 4 ft bls	2/15/2013	0.709 U mg/kg	N	3.51 mg/kg	RDE	0.729 mg/kg	N	21.4 mg/kg	N
B7-8	B7-8-6	4 to 6 ft bls	2/15/2013	0.709 U mg/kg	N	2.69 mg/kg	RDE	0.523 mg/kg	N	0.672 mg/kg	N
B8-1	B8-1-2	0 to 2 ft bls	2/14/2013	1.69 i mg/kg	N	10.4 mg/kg	RDE5.2	0.722 mg/kg	N	156 mg/kg	RDE
B8-1	B8-1-4	2 to 4 ft bls	2/14/2013	1.10 i mg/kg	N	1.94 mg/kg	N	0.453 mg/kg	N	29.4 mg/kg	N
B8-1	B8-1-6	4 to 6 ft bls	2/14/2013	3.48 mg/kg	N	7.71 mg/kg	RDE5.2	1.99 mg/kg	N	18.9 mg/kg	N
B8-1N	B8-1N	0 to 2 ft bls	9/25/2013			4.19 mg/kg	RDE			7.33 mg/kg	N
B8-2	B8-2-2	0 to 2 ft bls	2/14/2013	0.811 i mg/kg	N	2.89 mg/kg	RDE	1.22 mg/kg	N	7.3 mg/kg	N
B8-2	B8-2-4	2 to 4 ft bls	2/14/2013	0.709 U mg/kg	N	2.35 mg/kg	RDE	0.336 mg/kg	N	1.01 mg/kg	N
B8-2	B8-2-6	4 to 6 ft bls	2/14/2013	0.709 U mg/kg	N	4.22 mg/kg	RDE	0.415 mg/kg	N	0.346 mg/kg	N
B8-2N	B8-2N	0 to 2 ft bls	9/25/2013			2.41 mg/kg	RDE				
B8-3	B8-3-2	0 to 2 ft bls	2/14/2013	5.69 mg/kg	L	10.3 mg/kg	RDE5.2	3.74 mg/kg	N	86.6 mg/kg	RDE
B8-3	B8-3-4	2 to 4 ft bls	2/14/2013	2.89 mg/kg	N	4.01 mg/kg	RDE	1.18 mg/kg	N	24.9 mg/kg	N
B8-3	B8-3-6	4 to 6 ft bls	2/14/2013	1.21 i mg/kg	N	1.97 mg/kg	N	0.578 mg/kg	N	1.27 mg/kg	N
B8-4	B8-4-2	0 to 2 ft bls	2/14/2013	0.709 U mg/kg	N	2.11 mg/kg	RDE	1.83 mg/kg	N	18.7 mg/kg	N
B8-4	B8-4-4	2 to 4 ft bls	2/14/2013	0.730 i mg/kg	N	0.791 mg/kg	N	0.486 mg/kg	N	0.851 mg/kg	N

TABLE F1A METALS RESULTS											
Point id	Sample id	Sample Depth	Sample Date	Antimony	Sb_Exceed	Arsenic	As_Exceed	Nickel	Ni_Exceed	Vanadium	V_Exceed
B8-4	B8-4-6	4 to 6 ft bls	2/14/2013	0.709 U mg/kg	N	4.6 mg/kg	RDE	0.55 mg/kg	N	0.756 mg/kg	N
B8-5	B8-5-2	0 to 2 ft bls	2/14/2013	0.800 i mg/kg	N	4.6 mg/kg	RDE	1.87 mg/kg	N	11.8 mg/kg	N
B8-5	B8-5-4	2 to 4 ft bls	2/14/2013	0.709 U mg/kg	N	3.19 mg/kg	RDE	1.09 mg/kg	N	9.27 mg/kg	N
B8-5	B8-5-6	4 to 6 ft bls	2/14/2013	0.709 U mg/kg	N	2.06 mg/kg	N	0.687 mg/kg	N	0.687 mg/kg	N
B8-6	B8-6-2	0 to 2 ft bls	2/14/2013	0.709 U mg/kg	N	14.6 mg/kg	CIDE	37.5 mg/kg	N	180 mg/kg	RDE
B8-6	B8-6-4	2 to 4 ft bls	2/14/2013	0.799 i mg/kg	N	3.7 mg/kg	RDE	31.7 mg/kg	N	216 mg/kg	RDE
B8-6	B8-6-6	4 to 6 ft bls	2/14/2013	0.815 i mg/kg	N	2.67 mg/kg	RDE	158 mg/kg	L	720 mg/kg	RDE
B8-7	B8-7-2	0 to 2 ft bls	2/14/2013	0.859 i mg/kg	N	3.61 mg/kg	RDE	1.2 mg/kg	N	4.12 mg/kg	N
B8-7	B8-7-4	2 to 4 ft bls	2/14/2013	11.3 mg/kg	L	3.65 mg/kg	RDE	1.96 mg/kg	N	26 mg/kg	N
B8-7	B8-7-6	4 to 6 ft bls	2/14/2013	3.9 mg/kg	N	3.57 mg/kg	RDE	2.44 mg/kg	N	21.7 mg/kg	N
B8-8	B8-8-2	0 to 2 ft bls	2/14/2013	1.66 i mg/kg	N	7.65 mg/kg	RDE5.2	8.78 mg/kg	N	68.6 mg/kg	RDE
B8-8	B8-8-4	2 to 4 ft bls	2/14/2013	1.88 i mg/kg	N	6.37 mg/kg	RDE5.2	2.15 mg/kg	N	14.8 mg/kg	N
B8-8	B8-8-6	4 to 6 ft bls	2/14/2013	0.831 i mg/kg	N	3.46 mg/kg	RDE	2.56 mg/kg	N	20.1 mg/kg	N
B9-1	B9-1-2	0 to 2 ft bls	2/13/2013	1.06 mg/kg	N	6.45 mg/kg	RDE5.2	2.37 mg/kg	N	15.7 mg/kg	N
B9-1	B9-1-6	2 to 4 ft bls	2/13/2013	0.709 U mg/kg	N	3.49 mg/kg	RDE	0.324 mg/kg	N	0.518 mg/kg	N
B9-1N	B9-1N	0 to 2 ft bls	9/25/2013			3.61 mg/kg	RDE				
B9-2	B9-2-2	0 to 2 ft bls	2/13/2013	0.709 U mg/kg	N	3.57 mg/kg	RDE	1.08 mg/kg	N	3.97 mg/kg	N
B9-2	B9-2-6	4 to 6 ft bls	2/13/2013	1.23 mg/kg	N	17.8 mg/kg	CIDE	0.817 mg/kg	N	0.613 mg/kg	N
B9-2N	B9-2N	0 to 2 ft bls	9/25/2013			3.6 mg/kg	RDE				
B9-3	B9-3-2	0 to 2 ft bls	2/13/2013	0.709 U mg/kg	N	2.05 mg/kg	N	1.15 mg/kg	N	9.54 mg/kg	N
B9-3	B9-3-5	3 to 5 ft bls	2/13/2013	0.709 U mg/kg	N	10.8 mg/kg	RDE5.2	0.785 mg/kg	N	0.673 mg/kg	N
B9-4	B9-4-2	0 to 2 ft bls	2/13/2013	5.17 mg/kg	N	1.45 mg/kg	N	0.821 mg/kg	N	3.62 mg/kg	N
B9-4	B9-4-5	3 to 5 ft bls	2/13/2013	4.83 mg/kg	N	11.8 mg/kg	RDE5.2	0.924 mg/kg	N	0.569 mg/kg	N
Basin-East	Basin-East	0 to 2 ft bls	1/17/2014	1.6 mg/kg	N	9.4 mg/kg	RDE5.2	140 mg/kg	L	350 mg/kg	RDE
Berm-1	Berm-1	0 to 2 ft bls	7/17/2013	1.72 mg/kg	N	0.718 mg/kg	N	0.765 mg/kg	N	2.97 mg/kg	N
Berm-10	Berm-10	0 to 2 ft bls	7/17/2013	0.62 mg/kg	N	3.32 mg/kg	RDE	5.63 mg/kg	N	48.8 mg/kg	N
Berm-2	Berm-2	0 to 2 ft bls	7/17/2013	1.1 mg/kg	N	1.96 mg/kg	N	30.2 mg/kg	N	322 mg/kg	RDE
Berm-3	Berm-3	0 to 2 ft bls	7/17/2013	0.742 mg/kg	N	6.13 mg/kg	RDE5.2	3.36 mg/kg	N	13.9 mg/kg	N
Berm-4	Berm-4	0 to 2 ft bls	7/17/2013	0.356 mg/kg	N	0.978 mg/kg	N	0.667 mg/kg	N	2.93 mg/kg	N
Berm-5	Berm-5	0 to 2 ft bls	7/17/2013	0.659 mg/kg	N	0.76 mg/kg	N	0.659 mg/kg	N	2.28 mg/kg	N
Berm-6	Berm-6	0 to 2 ft bls	7/17/2013	2.55 mg/kg	N	3.62 mg/kg	RDE	0.604 mg/kg	N	1.14 mg/kg	N
Berm-7	Berm-7	0 to 2 ft bls	7/17/2013	0.9 mg/kg	N	7.44 mg/kg	RDE5.2	0.9 mg/kg	N	11.4 mg/kg	N
Berm-8	Berm-8	0 to 2 ft bls	7/17/2013	0.578 mg/kg	N	0.789 mg/kg	N	0.578 mg/kg	N	2 mg/kg	N
Berm-9	Berm-9	0 to 2 ft bls	7/17/2013	0.367 mg/kg	N	5.4 mg/kg	RDE5.2	1.68 mg/kg	N	13.2 mg/kg	N
C10-1	C10-1-2	0 to 2 ft bls	2/13/2013	7.98 mg/kg	L	1.76 mg/kg	N	1.29 mg/kg	N	7.86 mg/kg	N
C1-1	C1-1-2	0 to 2 ft bls	2/14/2013	0.968 i mg/kg	N	2.65 mg/kg	RDE	4.28 mg/kg	N	8.36 mg/kg	N
C11-1	C11-1-2	0 to 2 ft bls	2/13/2013	0.709 U mg/kg	N	1.4 mg/kg	N	0.962 mg/kg	N	4.28 mg/kg	N
C2-1	C2-1-2	0 to 2 ft bls	2/15/2013	0.709 U mg/kg	N	1.36 mg/kg	N	2.48 mg/kg	N	6.28 mg/kg	N
C2-1	C2-1-4	2 to 4 ft bls	2/15/2013	0.709 U mg/kg	N	0.998 mg/kg	N	1.32 mg/kg	N	2 mg/kg	N
C2-2	C2-2-2	0 to 2 ft bls	2/15/2013	0.709 U mg/kg	N	1.05 mg/kg	N	1.1 mg/kg	N	12.8 mg/kg	N
C2-2	C2-2-4	2 to 4 ft bls	2/15/2013	0.709 U mg/kg	N	0.75 mg/kg	N	0.9 mg/kg	N	1.35 mg/kg	N
C2-4	C2-4-2	0 to 2 ft bls	2/15/2013	0.709 U mg/kg	N	0.457 mg/kg	N	0.304 mg/kg	N	0.761 mg/kg	N
C2-4	C2-4-4	2 to 4 ft bls	2/15/2013	0.709 U mg/kg	N	0.212 mg/kg	N	0.265 mg/kg	N	0.478 mg/kg	N
C5-1	C5-1-2	0 to 2 ft bls	2/13/2013	0.709 U mg/kg	N	14 mg/kg	CIDE	8.24 mg/kg	N	16.6 mg/kg	N
C5-2	C5-2-2	0 to 2 ft bls	2/13/2013	6.48 mg/kg	L	13.8 mg/kg	CIDE	1.65 mg/kg	N	7.33 mg/kg	N
C5-2	C5-2-4	2 to 4 ft bls	2/13/2013	0.947 i mg/kg	N	5.95 mg/kg	RDE5.2	1.05 mg/kg	N	3.63 mg/kg	N
C5-2	C5-2-6	4 to 6 ft bls	2/13/2013	0.722 i mg/kg	N	5.7 mg/kg	RDE5.2	0.433 mg/kg	N	0.722 mg/kg	N
C5-3	C5-3-2	0 to 2 ft bls	2/13/2013	0.709 U mg/kg	N	13.9 mg/kg	CIDE	1.49 mg/kg	N	6.08 mg/kg	N
C5-3	C5-3-4	2 to 4 ft bls	2/13/2013	10.2 mg/kg	L	7.01 mg/kg	RDE5.2	4.86 mg/kg	N	13.7 mg/kg	N
C5-3	C5-3-6	4 to 6 ft bls	2/13/2013	0.987 i mg/kg	N	35.3 mg/kg	CIDE	0.696 mg/kg	N	4 mg/kg	N
C5-4	C5-4-2	0 to 2 ft bls	2/13/2013	0.709 U mg/kg	N	8.79 mg/kg	RDE5.2	1.26 mg/kg	N	5.33 mg/kg	N

TABLE F1A METALS RESULTS											
Point id	Sample id	Sample Depth	Sample Date	Antimony	Sb_Exceed	Arsenic	As_Exceed	Nickel	Ni_Exceed	Vanadium	V_Exceed
C5-4	C5-4-4	2 to 4 ft bls	2/13/2013	0.709 U mg/kg	N	4.01 mg/kg	RDE	0.919 mg/kg	N	2.81 mg/kg	N
C5-4	C5-4-6	4 to 6 ft bls	2/13/2013	0.709 U mg/kg	N	0.903 mg/kg	N	0.744 mg/kg	N	1.54 mg/kg	N
C5-5	C5-5-2	0 to 2 ft bls	2/13/2013	0.709 U mg/kg	N	9.95 mg/kg	RDE5.2	0.763 J-03 mg/kg	N	3.21 mg/kg	N
C5-5	C5-5-4	2 to 4 ft bls	2/13/2013	0.944 i mg/kg	N	1.42 mg/kg	N	0.839 mg/kg	N	1.68 mg/kg	N
C5-5	C5-5-6	4 to 6 ft bls	2/13/2013	1.07 i mg/kg	N	1.96 mg/kg	N	1.18 mg/kg	N	2.47 mg/kg	N
C5-6	C5-6-2	0 to 2 ft bls	2/13/2013	0.734 i mg/kg	N	18.4 mg/kg	CIDE	1.69 mg/kg	N	7.68 mg/kg	N
C5-6	C5-6-4	2 to 4 ft bls	2/13/2013	0.709 U mg/kg	N	8.27 mg/kg	RDE5.2	0.919 mg/kg	N	3.83 mg/kg	N
C5-6	C5-6-6	4 to 6 ft bls	2/13/2013	0.709 U mg/kg	N	0.611 mg/kg	N	0.389 mg/kg	N	1.06 mg/kg	N
C5-7	C5-7-2	0 to 2 ft bls	2/13/2013	6.2 mg/kg	L	8.41 mg/kg	RDE5.2	1.65 mg/kg	N	6.2 mg/kg	N
C5-7	C5-7-4	2 to 4 ft bls	2/13/2013	1.76 i mg/kg	N	0.99 mg/kg	N	0.99 mg/kg	N	6.1 mg/kg	N
C5-8	C5-8-2	0 to 2 ft bls	2/13/2013	0.709 U mg/kg	N	6.69 mg/kg	RDE5.2	1.54 mg/kg	N	5.61 mg/kg	N
C5-8	C5-8-4	2 to 4 ft bls	2/13/2013	11.3 mg/kg	L	5.55 mg/kg	RDE5.2	10.1 mg/kg	N	27.8 mg/kg	N
C6-1	C6-1-2	0 to 2 ft bls	2/15/2013	0.709 U mg/kg	N	0.593 mg/kg	N	1.43 mg/kg	N	8.45 mg/kg	N
C6-1	C6-1-4	2 to 4 ft bls	2/15/2013	0.709 U mg/kg	N	0.51 mg/kg	N	0.765 mg/kg	N	4.64 mg/kg	N
C6-1	C6-1-6	4 to 6 ft bls	2/15/2013	17.4 mg/kg	L	3.6 mg/kg	RDE	2.26 mg/kg	N	814 mg/kg	RDE
C6-2	C6-2-2	0 to 2 ft bls	2/15/2013	0.886 i mg/kg	N	0.787 mg/kg	N	31.2 mg/kg	N	65.3 mg/kg	N
C6-2	C6-2-4	2 to 4 ft bls	2/15/2013	1.08 i mg/kg	N	3.8 mg/kg	RDE	1.08 mg/kg	N	1550 mg/kg	L
C6-2	C6-2-6	4 to 6 ft bls	2/15/2013	0.823 i mg/kg	N	3.82 mg/kg	RDE	1.65 mg/kg	N	46.3 mg/kg	N
C6-3	C6-3-2	0 to 2 ft bls	2/15/2013	0.709 U mg/kg	N	0.459 mg/kg	N	1.07 mg/kg	N	6.89 mg/kg	N
C6-3	C6-3-4	2 to 4 ft bls	2/15/2013	0.719 mg/kg	N	0.995 mg/kg	N	13.4 mg/kg	N	69.5 mg/kg	RDE
C6-3	C6-3-6	4 to 6 ft bls	2/15/2013	0.748 i mg/kg	N	5.11 mg/kg	RDE	159 mg/kg	L	1100 mg/kg	L
C6-4	C6-4-2	0 to 2 ft bls	2/15/2013	0.987 i mg/kg	N	2.57 mg/kg	RDE	47.5 mg/kg	N	292 mg/kg	RDE
C6-4	C6-4-4	2 to 4 ft bls	2/15/2013	0.775 i mg/kg	N	2.71 mg/kg	RDE	117 mg/kg	N	607 mg/kg	RDE
C6-4	C6-4-6	4 to 6 ft bls	2/15/2013	0.816 i mg/kg	N	1.88 mg/kg	N	33.2 mg/kg	N	218 mg/kg	RDE
C6-5	C6-5-2	0 to 2 ft bls	2/15/2013	0.709 U mg/kg	N	0.718 mg/kg	N	2.1 mg/kg	N	15.2 mg/kg	N
C6-5	C6-5-4	2 to 4 ft bls	2/15/2013	0.880 i mg/kg	N	1.92 mg/kg	N	0.56 mg/kg	N	80.3 mg/kg	RDE
C6-5	C6-5-6	4 to 6 ft bls	2/15/2013	0.709 U mg/kg	N	2.98 mg/kg	RDE	0.839 mg/kg	N	231 mg/kg	RDE
C6-6	C6-6-2	0 to 2 ft bls	2/15/2013	2.3 mg/kg	N	1.5 mg/kg	N	2.3 mg/kg	N	38.7 mg/kg	N
C6-6	C6-6-4	2 to 4 ft bls	2/15/2013	1.53 i mg/kg	N	1.01 mg/kg	N	0.911 mg/kg	N	19 mg/kg	N
C6-6	C6-6-6	4 to 6 ft bls	2/15/2013	0.800 i mg/kg	N	0.8 mg/kg	N	1.33 mg/kg	N	24.9 mg/kg	N
C6-7	C6-7-2	0 to 2 ft bls	2/15/2013	0.709 U mg/kg	N	0.748 mg/kg	N	0.909 mg/kg	N	4.17 mg/kg	N
C6-7	C6-7-4	2 to 4 ft bls	2/15/2013	0.709 U mg/kg	N	0.6 mg/kg	N	1.02 mg/kg	N	6.77 mg/kg	N
C6-7	C6-7-6	4 to 6 ft bls	2/15/2013	1.31 i mg/kg	N	4.98 mg/kg	RDE	1.47 mg/kg	N	1280 mg/kg	L
C6-8	C6-8-2	0 to 2 ft bls	2/15/2013	0.709 U mg/kg	N	0.547 mg/kg	N	0.846 mg/kg	N	2.93 mg/kg	N
C6-8	C6-8-4	2 to 4 ft bls	2/15/2013	0.709 U mg/kg	N	3.16 mg/kg	RDE	1.31 J-03 mg/kg	N	771 mg/kg	RDE
C6-8	C6-8-6	4 to 6 ft bls	2/15/2013	5.89 mg/kg	L	3.26 mg/kg	RDE	1.4 mg/kg	N	11.6 mg/kg	N
C7-1	C7-1-2	0 to 2 ft bls	2/15/2013	0.709 U mg/kg	N	1.01 mg/kg	N	0.857 mg/kg	N	8.22 mg/kg	N
C7-1	C7-1-4	2 to 4 ft bls	2/15/2013	7.59 mg/kg	L	0.386 mg/kg	N	4.5 mg/kg	N	9.85 mg/kg	N
C7-1	C7-1-6	4 to 6 ft bls	2/15/2013	5.52 mg/kg	L	8.59 mg/kg	RDE5.2	79 mg/kg	N	425 mg/kg	RDE
C7-2	C7-2-2	0 to 2 ft bls	2/15/2013	1.72 i mg/kg	N	4.97 mg/kg	RDE	43.8 mg/kg	N	263 mg/kg	RDE
C7-2	C7-2-4	2 to 4 ft bls	2/15/2013	1.07 i mg/kg	N	1.15 mg/kg	N	9.38 mg/kg	N	51.7 mg/kg	N
C7-2	C7-2-6	4 to 6 ft bls	2/15/2013	1.09 mg/kg	N	4.15 mg/kg	RDE	1.29 mg/kg	N	51.3 mg/kg	N
C7-3	C7-3-2	0 to 2 ft bls	2/15/2013	0.709 U mg/kg	N	0.894 mg/kg	N	1.12 mg/kg	N	13.7 mg/kg	N
C7-3	C7-3-4	2 to 4 ft bls	2/15/2013	0.709 U mg/kg	N	0.557 mg/kg	N	6.2 mg/kg	N	11 mg/kg	N
C7-3	C7-3-6	4 to 6 ft bls	2/15/2013	14.6 mg/kg	L	67.8 mg/kg	CIDE	1360 mg/kg	RDE	7320 mg/kg	L
C7-4	C7-4-2	0 to 2 ft bls	2/15/2013	0.709 U mg/kg	N	1.25 mg/kg	N	0.851 mg/kg	N	11.6 mg/kg	N
C7-4	C7-4-4	2 to 4 ft bls	2/15/2013	5.67 mg/kg	L	0.383 mg/kg	N	0.843 mg/kg	N	2.91 mg/kg	N
C7-4	C7-4-6	4 to 6 ft bls	2/15/2013	6.68 mg/kg	L	9.32 mg/kg	RDE5.2	2.14 mg/kg	N	2.02 mg/kg	N
C7-5	C7-5-2	0 to 2 ft bls	2/15/2013	0.709 U mg/kg	N	1.09 mg/kg	N	0.776 mg/kg	N	3.26 mg/kg	N
C7-5	C7-5-4	2 to 4 ft bls	2/15/2013	0.833 i mg/kg	N	2.08 mg/kg	N	1.32 mg/kg	N	8.05 mg/kg	N
C7-5	C7-5-6	4 to 6 ft bls	2/15/2013	0.899 i mg/kg	N	7.59 mg/kg	RDE5.2	0.699 mg/kg	N	1.6 mg/kg	N

TABLE F1A METALS RESULTS											
Point id	Sample id	Sample Depth	Sample Date	Antimony	Sb_Exceed	Arsenic	As_Exceed	Nickel	Ni_Exceed	Vanadium	V_Exceed
C7-6	C7-6-2	0 to 2 ft bls	2/15/2013	1.00 i mg/kg	N	4.72 mg/kg	RDE	8.63 mg/kg	N	56.2 mg/kg	N
C7-6	C7-6-4	2 to 4 ft bls	2/15/2013	0.833 i mg/kg	N	1.33 mg/kg	N	12.5 mg/kg	N	41.6 mg/kg	N
C7-6	C7-6-6	4 to 6 ft bls	2/15/2013	0.709 U mg/kg	N	2.17 mg/kg	RDE	0.598 mg/kg	N	1.94 mg/kg	N
C7-7	C7-7-2	0 to 2 ft bls	2/15/2013	0.709 U mg/kg	N	7.89 mg/kg	RDE5.2	4 mg/kg	N	57.7 mg/kg	N
C7-7	C7-7-4	2 to 4 ft bls	2/15/2013	7.46 mg/kg	L	4.22 mg/kg	RDE	3.42 mg/kg	N	52.8 mg/kg	N
C7-7	C7-7-6	4 to 6 ft bls	2/15/2013	4.21 mg/kg	N	4.39 mg/kg	RDE	0.824 mg/kg	N	4.94 mg/kg	N
C7-8	C7-8-2	0 to 2 ft bls	2/15/2013	0.709 U mg/kg	N	1.32 mg/kg	N	0.883 mg/kg	N	4.64 mg/kg	N
C7-8	C7-8-4	2 to 4 ft bls	2/15/2013	1.48 i mg/kg	N	1.55 mg/kg	N	0.634 mg/kg	N	13.3 mg/kg	N
C7-8	C7-8-6	4 to 6 ft bls	2/15/2013	1.01 i mg/kg	N	2.53 mg/kg	RDE	0.506 mg/kg	N	0.941 mg/kg	N
C8-1	C8-1-2	0 to 2 ft bls	2/14/2013	0.709 U mg/kg	N	1.2 mg/kg	N	1.41 mg/kg	N	3.59 mg/kg	N
C8-1	C8-1-4	2 to 4 ft bls	2/14/2013	0.995 i mg/kg	N	9.41 mg/kg	RDE5.2	1.36 mg/kg	N	12.3 mg/kg	N
C8-1	C8-1-6	4 to 6 ft bls	2/14/2013	4.03 mg/kg	N	3.32 mg/kg	RDE	0.511 mg/kg	N	0.447 mg/kg	N
C8-2	C8-2-2	0 to 2 ft bls	2/14/2013	2.15 mg/kg	N	2.09 mg/kg	N	1.13 mg/kg	N	2.52 mg/kg	N
C8-2	C8-2-4	2 to 4 ft bls	2/14/2013	2.05 i mg/kg	N	7.13 mg/kg	RDE5.2	0.802 mg/kg	N	8.82 mg/kg	N
C8-2	C8-2-6	4 to 6 ft bls	2/14/2013	2.10 i mg/kg	N	10.1 mg/kg	RDE5.2	1.23 mg/kg	N	2.19 mg/kg	N
C8-3	C8-3-2	0 to 2 ft bls	2/14/2013	1.07 i mg/kg	N	3.48 mg/kg	RDE	1.12 J-03 mg/kg	N	3.48 mg/kg	N
C8-3	C8-3-4	2 to 4 ft bls	2/14/2013	0.709 U mg/kg	N	6.08 mg/kg	RDE5.2	0.616 mg/kg	N	1.39 mg/kg	N
C8-3	C8-3-6	4 to 6 ft bls	2/14/2013	0.709 U mg/kg	N	3.61 mg/kg	RDE	1.26 mg/kg	N	1.88 mg/kg	N
C8-4	C8-4-2	0 to 2 ft bls	2/14/2013	0.709 U mg/kg	N	1.48 mg/kg	N	0.973 mg/kg	N	3.71 mg/kg	N
C8-4	C8-4-4	2 to 4 ft bls	2/14/2013	0.709 U mg/kg	N	3.1 mg/kg	RDE	6.58 mg/kg	N	24.4 mg/kg	N
C8-4	C8-4-6	4 to 6 ft bls	2/14/2013	12 mg/kg	L	5.19 mg/kg	RDE	0.593 mg/kg	N	1.04 mg/kg	N
C8-5	C8-5-2	0 to 2 ft bls	2/14/2013	2.65 mg/kg	N	1.67 mg/kg	N	1.3 mg/kg	N	7.72 mg/kg	N
C8-5	C8-5-4	2 to 4 ft bls	2/14/2013	1.93 i mg/kg	N	2.28 mg/kg	RDE	2.34 mg/kg	N	26.7 mg/kg	N
C8-5	C8-5-6	4 to 6 ft bls	2/14/2013	1.90 i mg/kg	N	16.2 mg/kg	CIDE	4.18 mg/kg	N	16.6 mg/kg	N
C8-6	C8-6-2	0 to 2 ft bls	2/14/2013	1.01 i mg/kg	N	1.41 mg/kg	N	1.26 mg/kg	N	7.46 mg/kg	N
C8-6	C8-6-4	2 to 4 ft bls	2/14/2013	1.01 i mg/kg	N	3.44 mg/kg	RDE	0.809 mg/kg	N	14.3 mg/kg	N
C8-6	C8-6-6	4 to 6 ft bls	2/14/2013	0.870 i mg/kg	N	8.7 mg/kg	RDE5.2	0.652 mg/kg	N	2.68 mg/kg	N
C8-7	C8-7-2	0 to 2 ft bls	2/14/2013	0.709 U mg/kg	N	1.11 mg/kg	N	1.31 mg/kg	N	13.4 mg/kg	N
C8-7	C8-7-4	2 to 4 ft bls	2/14/2013	0.709 U mg/kg	N	1.71 mg/kg	N	12.9 mg/kg	N	135 mg/kg	RDE
C8-7	C8-7-6	4 to 6 ft bls	2/14/2013	1.07 i mg/kg	N	6.94 mg/kg	RDE5.2	64.5 mg/kg	N	1180 mg/kg	L
C8-8	C8-8-2	0 to 2 ft bls	2/14/2013	0.709 U mg/kg	N	0.751 mg/kg	N	1.15 mg/kg	N	11.6 mg/kg	N
C8-8	C8-8-4	2 to 4 ft bls	2/14/2013	0.709 U mg/kg	N	1.25 mg/kg	N	2.5 mg/kg	N	49.1 mg/kg	N
C8-8	C8-8-6	4 to 6 ft bls	2/14/2013	0.845 i mg/kg	N	9.86 mg/kg	RDE5.2	10.8 mg/kg	N	151 mg/kg	RDE
C9-1	C9-1-2	0 to 2 ft bls	2/13/2013	0.971 mg/kg	N	1.18 mg/kg	N	0.92 mg/kg	N	2.81 mg/kg	N
C9-1	C9-1-4	2 to 4 ft bls	2/13/2013	1.15 i mg/kg	N	3.33 mg/kg	RDE	0.631 mg/kg	N	2.69 mg/kg	N
C9-2	C9-2-2	0 to 2 ft bls	2/13/2013	0.727 i mg/kg	N	1.85 mg/kg	N	0.895 mg/kg	N	3.41 mg/kg	N
C9-2	C9-2-4	2 to 4 ft bls	2/13/2013	0.922 i mg/kg	N	5.13 mg/kg	RDE	0.724 mg/kg	N	2.11 mg/kg	N
C9-3	C9-3-2	0 to 2 ft bls	2/13/2013	0.709 U mg/kg	N	1.5 mg/kg	N	1.08 mg/kg	N	3.43 mg/kg	N
C9-3	C9-3-6	2 to 6 ft bls	2/13/2013	0.872 i mg/kg	N	9.09 mg/kg	RDE5.2	5.81 mg/kg	N	0.291 mg/kg	N
C9-4	C9-4-2	0 to 2 ft bls	2/13/2013	0.709 U mg/kg	N	3.02 mg/kg	RDE	3.57 mg/kg	N	20.2 mg/kg	N
C9-4	C9-4-4	2 to 4 ft bls	2/13/2013	0.709 U mg/kg	N	0.811 mg/kg	N	0.624 mg/kg	N	2.25 mg/kg	N
CA-01	CA-01-0.5	0 to 0.5 feet bls	5/27/2015	0.18i mg/kg	N	3.9 mg/kg	RDE	10 mg/kg	N	37 mg/kg	N
CA-01	CA-01-02	0.5 to 2 feet bls	5/27/2015	0.59 mg/kg	N	1.6 mg/kg	N	9.6 mg/kg	N	31 mg/kg	N
CA-01	CA-01-04	2 to 4 feet bls	5/27/2015	0.11i mg/kg	N	0.84 mg/kg	N	10 mg/kg	N	44 mg/kg	N
CA-01	CA-01-06	4 to 6 feet bls	5/27/2015	0.20i mg/kg	N	2.7 mg/kg	RDE	12 mg/kg	N	42 mg/kg	N
CA-01	CA-01-08	6 to 8 feet bls	5/27/2015	0.065U mg/kg	N	2.2 mg/kg	RDE	7.2 mg/kg	N	26 mg/kg	N
CA-01	CA-01-10	8 to 10 feet bls	5/27/2015			4.4 mg/kg	RDE				
CA-02	CA-02-0.5	0 to 0.5 feet bls	5/27/2015	0.13i mg/kg	N	1.6 mg/kg	N	6.2 mg/kg	N	22 mg/kg	N
CA-02	CA-02-02	0.5 to 2 feet bls	5/27/2015	0.27i mg/kg	N	2.3 mg/kg	RDE	14 mg/kg	N	49 mg/kg	N
CA-02	CA-02-04	2 to 4 feet bls	5/27/2015	0.064U mg/kg	N	0.92 mg/kg	N	23 mg/kg	N	80 mg/kg	RDE
CA-02	CA-02-06	4 to 6 feet bls	5/27/2015	0.063U mg/kg	N	0.7 mg/kg	N	4 mg/kg	N	14 mg/kg	N

TABLE F1A METALS RESULTS											
Point id	Sample id	Sample Depth	Sample Date	Antimony	Sb_Exceed	Arsenic	As_Exceed	Nickel	Ni_Exceed	Vanadium	V_Exceed
CA-02	CA-02-08	6 to 8 feet bls	5/27/2015	0.40i mg/kg	N	2 mg/kg	N	8.5 mg/kg	N	31 mg/kg	N
CA-03	CA-03-0.5	0 to 0.5 feet bls	5/27/2015	0.42i mg/kg	N	2.4 mg/kg	RDE	14 mg/kg	N	53 mg/kg	N
CA-03	CA-03-02	0.5 to 2 feet bls	5/27/2015	0.10i mg/kg	N	0.51i mg/kg	N	1.5i mg/kg	N	6.7 mg/kg	N
CA-03	CA-03-04	2 to 4 feet bls	5/27/2015	0.20i mg/kg	N	16 mg/kg	CIDE	7.1 mg/kg	N	21 mg/kg	N
CA-03	CA-03-06	4 to 6 feet bls	5/27/2015	0.10i mg/kg	N	2.1 mg/kg	N	8.4 mg/kg	N	32 mg/kg	N
CA-03	CA-03-08	6 to 8 feet bls	5/27/2015	0.065U mg/kg	N	2.3 mg/kg	RDE	7.8 mg/kg	N	28 mg/kg	N
CA-03	CA-03-10	8 to 10 feet bls	5/27/2015			8.9 mg/kg	RDE5.2				
CA-04	CA-04-0.5	0 to 0.5 feet bls	5/27/2015	0.30i mg/kg	N	14 mg/kg	CIDE	12 mg/kg	N	50 mg/kg	N
CA-04	CA-04-02	0.5 to 2 feet bls	5/27/2015	0.62 mg/kg	N	7.9 mg/kg	RDE5.2	19 mg/kg	N	90 mg/kg	RDE
CA-04	CA-04-04	2 to 4 feet bls	5/27/2015	0.33i mg/kg	N	3.9 mg/kg	RDE	30 mg/kg	N	64 mg/kg	N
CA-04	CA-04-06	4 to 6 feet bls	5/27/2015	0.56 mg/kg	N	4.7 mg/kg	RDE	21 mg/kg	N	89 mg/kg	RDE
CA-04	CA-04-08	6 to 8 feet bls	5/27/2015	0.82 mg/kg	N	9.8 mg/kg	RDE5.2	88 mg/kg	N	52 mg/kg	N
CA-05	CA-05-0.5	0 to 0.5 feet bls	5/27/2015	0.43i mg/kg	N	2.6 mg/kg	RDE	4.8 mg/kg	N	15 mg/kg	N
CA-05	CA-05-02	0.5 to 2 feet bls	5/27/2015	0.66 mg/kg	N	2.8 mg/kg	RDE	11 mg/kg	N	32 mg/kg	N
CA-05	CA-05-04	2 to 4 feet bls	5/27/2015	0.48i mg/kg	N	4.9 mg/kg	RDE	18 mg/kg	N	54 mg/kg	N
CA-05	CA-05-06	4 to 6 feet bls	5/27/2015	0.062U mg/kg	N	0.84 mg/kg	N	2.8 mg/kg	N	12 mg/kg	N
CA-05	CA-05-08	6 to 8 feet bls	5/27/2015	0.85 mg/kg	N	7 mg/kg	RDE5.2	12 mg/kg	N	32 mg/kg	N
CA-05	CA-05-10	8 to 10 feet bls	5/27/2015			4.4 mg/kg	RDE				
CA-06	CA-06-0.5	0 to 0.5 feet bls	5/27/2015	0.65 mg/kg	N	6 mg/kg	RDE5.2	14 mg/kg	N	36 mg/kg	N
CA-06	CA-06-02	0.5 to 2 feet bls	5/27/2015	0.24i mg/kg	N	1.8 mg/kg	N	7.6 mg/kg	N	28 mg/kg	N
CA-06	CA-06-04	2 to 4 feet bls	5/27/2015	0.44i mg/kg	N	6.9 mg/kg	RDE5.2	17 mg/kg	N	53 mg/kg	N
CA-06	CA-06-06	4 to 6 feet bls	5/27/2015	0.15i mg/kg	N	2.1 mg/kg	N	3.8 mg/kg	N	14 mg/kg	N
CA-06	CA-06-08	6 to 8 feet bls	5/27/2015	0.31i mg/kg	N	4.3 mg/kg	RDE	21 mg/kg	N	61 mg/kg	N
CA-06	CA-06-10	8 to 10 feet bls	5/27/2015			0.96 mg/kg	N				
CA-07	CA-07-0.5	0 to 0.5 feet bls	5/27/2015	0.18i mg/kg	N	3.9 mg/kg	RDE	17 mg/kg	N	54 mg/kg	N
CA-07	CA-07-02	0.5 to 2 feet bls	5/27/2015	0.37i mg/kg	N	7 mg/kg	RDE5.2	10 mg/kg	N	32 mg/kg	N
CA-07	CA-07-04	2 to 4 feet bls	5/27/2015	0.17i mg/kg	N	3.3 mg/kg	RDE	17 mg/kg	N	56 mg/kg	N
CA-07	CA-07-06	4 to 6 feet bls	5/27/2015	0.39i mg/kg	N	5.9 mg/kg	RDE5.2	14 mg/kg	N	37 mg/kg	N
CA-07	CA-07-08	6 to 8 feet bls	5/27/2015	0.064U mg/kg	N	2.2 mg/kg	RDE	6.8 mg/kg	N	23 mg/kg	N
CA-07	CA-07-10	8 to 10 feet bls	5/27/2015			2.9 mg/kg	RDE				
CA-08	CA-08-0.5	0 to 0.5 feet bls	5/27/2015	0.090i mg/kg	N	2.9 mg/kg	RDE	16 mg/kg	N	56 mg/kg	N
CA-08	CA-08-02	0.5 to 2 feet bls	5/27/2015	0.062U mg/kg	N	0.76 mg/kg	N	5.4 mg/kg	N	18 mg/kg	N
CA-08	CA-08-04	2 to 4 feet bls	5/27/2015	0.063U mg/kg	N	1.3 mg/kg	N	19 mg/kg	N	74 mg/kg	RDE
CA-08	CA-08-06	4 to 6 feet bls	5/27/2015	0.064U mg/kg	N	2.6 mg/kg	RDE	8.1 mg/kg	N	36 mg/kg	N
CA-08	CA-08-08	6 to 8 feet bls	5/27/2015	0.065U mg/kg	N	2.4 mg/kg	RDE	16 mg/kg	N	37 mg/kg	N
CA-08	CA-08-10	8 to 10 feet bls	5/27/2015			50 mg/kg	CIDE				
CA-09	CA-09-0.5	0 to 0.5 feet bls	5/27/2015	0.062U mg/kg	N	0.85 mg/kg	N	3.6 mg/kg	N	13 mg/kg	N
CA-09	CA-09-02	0.5 to 2 feet bls	5/27/2015	0.15i mg/kg	N	0.54 mg/kg	N	3.3 mg/kg	N	13 mg/kg	N
CA-09	CA-09-04	2 to 4 feet bls	5/27/2015	0.17i mg/kg	N	3.1 mg/kg	RDE	13 mg/kg	N	47 mg/kg	N
CA-09	CA-09-06	4 to 6 feet bls	5/27/2015	0.064U mg/kg	N	1.9 mg/kg	N	13 mg/kg	N	50 mg/kg	N
CA-09	CA-09-08	6 to 8 feet bls	5/27/2015	0.065U mg/kg	N	2.2 mg/kg	RDE	5 mg/kg	N	17 mg/kg	N
CA-09	CA-09-10	8 to 10 feet bls	5/27/2015			2.8 mg/kg	RDE				
CA-10	CA-10-0.5	0 to 0.5 feet bls	5/27/2015	0.35i mg/kg	N	4.4 mg/kg	RDE	13 mg/kg	N	55 mg/kg	N
CA-10	CA-10-02	0.5 to 2 feet bls	5/27/2015	0.10i mg/kg	N	6.5 mg/kg	RDE5.2	33 mg/kg	N	76 mg/kg	RDE
CA-10	CA-10-04	2 to 4 feet bls	5/27/2015	0.065U mg/kg	N	6.8 mg/kg	RDE5.2	10 mg/kg	N	44 mg/kg	N
CA-10	CA-10-06	4 to 6 feet bls	5/27/2015	0.11i mg/kg	N	3.9 mg/kg	RDE	8.8 mg/kg	N	28 mg/kg	N
CA-10	CA-10-08	6 to 8 feet bls	5/27/2015	0.96 mg/kg	N	2.1 mg/kg	N	7.5 mg/kg	N	25 mg/kg	N
CA-10	CA-10-10	8 to 10 feet bls	5/27/2015			2.1 mg/kg	N				
CA-11	CA-11-0.5	0 to 0.5 feet bls	5/27/2015	0.89 mg/kg	N	25 mg/kg	CIDE	14 mg/kg	N	50 mg/kg	N
CA-11	CA-11-02	0.5 to 2 feet bls	5/27/2015	0.33i mg/kg	N	9.8 mg/kg	RDE5.2	18 mg/kg	N	53 mg/kg	N
CA-11	CA-11-04	2 to 4 feet bls	5/27/2015	0.31i mg/kg	N	5.9 mg/kg	RDE5.2	6.1 mg/kg	N	21 mg/kg	N

TABLE F1A METALS RESULTS											
Point id	Sample id	Sample Depth	Sample Date	Antimony	Sb_Exceed	Arsenic	As_Exceed	Nickel	Ni_Exceed	Vanadium	V_Exceed
CA-11	CA-11-06	4 to 6 feet bls	5/27/2015	0.38i mg/kg	N	5.3 mg/kg	RDE5.2	12 mg/kg	N	40 mg/kg	N
CA-11	CA-11-08	6 to 8 feet bls	5/27/2015	0.36i mg/kg	N	7.3 mg/kg	RDE5.2	9.1 mg/kg	N	31 mg/kg	N
CA-12	CA-12-0.5	0 to 0.5 feet bls	5/27/2015	1.5 mg/kg	N	3 mg/kg	RDE	21 mg/kg	N	69 mg/kg	RDE
CA-12	CA-12-02	0.5 to 2 feet bls	5/27/2015	0.063U mg/kg	N	0.95 mg/kg	N	2.5 mg/kg	N	7.6 mg/kg	N
CA-12	CA-12-04	2 to 4 feet bls	5/27/2015	0.063U mg/kg	N	1.7 mg/kg	N	2.4 mg/kg	N	9.8 mg/kg	N
CA-12	CA-12-06	4 to 6 feet bls	5/27/2015	0.064U mg/kg	N	2.5 mg/kg	RDE	39 mg/kg	N	39 mg/kg	N
CA-12	CA-12-08	6 to 8 feet bls	5/27/2015	0.068i mg/kg	N	3 mg/kg	RDE	18 mg/kg	N	52 mg/kg	N
CA-12	CA-12-10	8 to 10 feet bls	5/27/2015			2.6 mg/kg	RDE				
CA-13	CA-13-0.5	0 to 0.5 feet bls	5/27/2015	0.51i mg/kg	N	1.3 mg/kg	N	6.8 mg/kg	N	26 mg/kg	N
CA-13	CA-13-02	0.5 to 2 feet bls	5/27/2015	0.063U mg/kg	N	0.66 mg/kg	N	4.6 mg/kg	N	12 mg/kg	N
CA-13	CA-13-04	2 to 4 feet bls	5/27/2015	0.24i mg/kg	N	3 mg/kg	RDE	7.3 mg/kg	N	140 mg/kg	RDE
CA-13	CA-13-06	4 to 6 feet bls	5/27/2015	0.11i mg/kg	N	2.5 mg/kg	RDE	14 mg/kg	N	57 mg/kg	N
CA-13	CA-13-08	6 to 8 feet bls	5/27/2015	0.15i mg/kg	N	2.8 mg/kg	RDE	13 mg/kg	N	35 mg/kg	N
CA-13	CA-13-10	8 to 10 feet bls	5/27/2015			3.6 mg/kg	RDE				
CA-14	CA-14-0.5	0 to 0.5 feet bls	5/27/2015	0.42i mg/kg	N	3.3 mg/kg	RDE	8.7 mg/kg	N	39 mg/kg	N
CA-14	CA-14-02	0.5 to 2 feet bls	5/27/2015	0.13i mg/kg	N	2 mg/kg	N	8.8 mg/kg	N	30 mg/kg	N
CA-14	CA-14-04	2 to 4 feet bls	5/27/2015	0.13i mg/kg	N	5 mg/kg	RDE	14 mg/kg	N	45 mg/kg	N
CA-14	CA-14-06	4 to 6 feet bls	5/27/2015	1.6 mg/kg	N	3.2 mg/kg	RDE	12 mg/kg	N	42 mg/kg	N
CA-14	CA-14-08	6 to 8 feet bls	5/27/2015	0.30i mg/kg	N	11 mg/kg	RDE5.2	19 mg/kg	N	52 mg/kg	N
CA-14	CA-14-10	8 to 10 feet bls	5/27/2015			4 mg/kg	RDE				
CA-15	CA-15-0.5	0 to 0.5 feet bls	5/27/2015	0.065i mg/kg	N	3.9 mg/kg	RDE	6.7 mg/kg	N	33 mg/kg	N
CA-15	CA-15-02	0.5 to 2 feet bls	5/27/2015	0.064U mg/kg	N	3.4 mg/kg	RDE	6.3 mg/kg	N	30 mg/kg	N
CA-15	CA-15-04	2 to 4 feet bls	5/27/2015	0.79 mg/kg	N	6.8 mg/kg	RDE5.2	22 mg/kg	N	76 mg/kg	RDE
CA-15	CA-15-06	4 to 6 feet bls	5/27/2015	0.066U mg/kg	N	2.3 mg/kg	RDE	7.6 mg/kg	N	28 mg/kg	N
CA-15	CA-15-08	6 to 8 feet bls	5/27/2015	0.25i mg/kg	N	3.2 mg/kg	RDE	14 mg/kg	N	45 mg/kg	N
CA-16	CA-16-0.5	0 to 0.5 feet bls	5/27/2015			2.1 mg/kg	N				
CA-16	CA-16-02	0.5 to 2 feet bls	5/27/2015			0.46i mg/kg	N				
CA-16	CA-16-04	2 to 4 feet bls	5/27/2015			0.89 mg/kg	N				
CA-16	CA-16-06	4 to 6 feet bls	5/27/2015			0.9 mg/kg	N				
CA-16	CA-16-08	6 to 8 feet bls	5/27/2015			1.2 mg/kg	N				
CA-16	CA-16-10	8 to 10 feet bls	5/27/2015			1.1 mg/kg	N				
CA-17	CA-17-0.5	0 to 0.5 feet bls	5/27/2015			0.91 mg/kg	N				
CA-17	CA-17-02	0.5 to 2 feet bls	5/27/2015			0.73 mg/kg	N				
CA-17	CA-17-04	2 to 4 feet bls	5/27/2015			0.16i mg/kg	N				
CA-17	CA-17-06	4 to 6 feet bls	5/27/2015			0.096U mg/kg	N				
CA-17	CA-17-08	6 to 8 feet bls	5/27/2015			0.16i mg/kg	N				
CA-17	CA-17-10	8 to 10 feet bls	5/27/2015			0.15i mg/kg	N				
CA-18	CA-18-0.5	0 to 0.5 feet bls	5/27/2015			4.1 mg/kg	RDE				
CA-18	CA-18-02	0.5 to 2 feet bls	5/27/2015			1.3 mg/kg	N				
CA-18	CA-18-04	2 to 4 feet bls	5/27/2015			0.095U mg/kg	N				
CA-18	CA-18-06	4 to 6 feet bls	5/27/2015			0.094U mg/kg	N				
CA-18	CA-18-08	6 to 8 feet bls	5/27/2015			0.12i mg/kg	N				
CA-18	CA-18-10	8 to 10 feet bls	5/27/2015			0.15i mg/kg	N				
CA-19	CA-19-0.5	0 to 0.5 feet bls	5/27/2015			3.8 mg/kg	RDE				
CA-19	CA-19-02	0.5 to 2 feet bls	5/27/2015			19 mg/kg	CIDE				
CA-19	CA-19-04	2 to 4 feet bls	5/27/2015			0.67 mg/kg	N				
CA-19	CA-19-06	4 to 6 feet bls	5/27/2015			0.35i mg/kg	N				
CA-19	CA-19-08	6 to 8 feet bls	5/27/2015			0.17i mg/kg	N				
CA-19	CA-19-10	8 to 10 feet bls	5/27/2015			0.10i mg/kg	N				
CA-20	CA-20-0.5	0 to 0.5 feet bls	5/27/2015			5.1 mg/kg	RDE			6.9 mg/kg	N
CA-20	CA-20-02	0.5 to 2 feet bls	5/27/2015			1.9 mg/kg	N			6.8 mg/kg	N

TABLE F1A METALS RESULTS											
Point id	Sample id	Sample Depth	Sample Date	Antimony	Sb_Exceed	Arsenic	As_Exceed	Nickel	Ni_Exceed	Vanadium	V_Exceed
CA-20	CA-20-04	2 to 4 feet bls	5/27/2015			7.6 mg/kg	RDE5.2			8 mg/kg	N
CA-20	CA-20-06	4 to 6 feet bls	5/27/2015			0.65 mg/kg	N				
CA-20	CA-20-08	6 to 8 feet bls	5/27/2015			0.63 mg/kg	N				
CA-20	CA-20-10	8 to 10 feet bls	5/27/2015			1.4 mg/kg	N				
CA-21	CA-21-0.5	0 to 0.5 feet bls	5/27/2015			3.6 mg/kg	RDE				
CA-21	CA-21-02	0.5 to 2 feet bls	5/27/2015			3.2 mg/kg	RDE				
CA-21	CA-21-04	2 to 4 feet bls	5/27/2015			6 mg/kg	RDE5.2				
CA-21	CA-21-06	4 to 6 feet bls	5/27/2015			4.1 mg/kg	RDE				
CA-22	CA-22-0.5	0 to 0.5 feet bls	5/28/2015			6.2 mg/kg	RDE5.2				
CA-22	CA-22-02	0.5 to 2 feet bls	5/28/2015			11 mg/kg	RDE5.2				
CA-22	CA-22-04	2 to 4 feet bls	5/28/2015			0.19i mg/kg	N				
CA-22N	CA-22N-0.5	0 to 0.5 feet bls	7/15/2015			5.1 mg/kg	RDE				
CA-22N	CA-22N-2	0.5 to 2 feet bls	7/15/2015			0.19i mg/kg	N				
CA-22S	CA-22S-05	0 to 0.5 feet bls	7/15/2015			6.6 mg/kg	RDE5.2				
CA-22S	CA-22S-2	0.5 to 2 feet bls	7/15/2015			9.3 mg/kg	RDE5.2				
CA-22S	CA-22S-4	2 to 4 feet bls	7/15/2015			19 mg/kg	CIDE				
CA-22S1	CA-22S1-0.5	0 to 0.5 feet bls	7/15/2015			1.2 mg/kg	N				
CA-22S1	CA-22S1-2	0.5 to 2 feet bls	7/15/2015			0.94 mg/kg	N				
CA-22S1	CA-22S1-4	2 to 4 feet bls	7/15/2015			0.57 mg/kg	N				
CA-22SW	CA-22SW-0.5	0 to 0.5 feet bls	7/15/2015			1.2 mg/kg	N				
CA-22SW	CA-22SW-2	0.5 to 2 feet bls	7/15/2015			0.94 mg/kg	N				
CA-22SW	CA-22SW-4	2 to 4 feet bls	7/15/2015			0.57 mg/kg	N				
CA-22W	CA-22W-0.5	0 to 0.5 feet bls	7/15/2015			3.1 mg/kg	RDE				
CA-22W	CA-22W-2	0.5 to 2 feet bls	7/15/2015			1.2 mg/kg	N				
CA-23	CA-23-0.5	0 to 0.5 feet bls	5/28/2015			0.20i mg/kg	N				
CA-23	CA-23-02	0.5 to 2 feet bls	5/28/2015			1.8 mg/kg	N				
CA-23	CA-23-04	2 to 4 feet bls	5/28/2015			0.17i mg/kg	N				
CA-24	CA-24-0.5	0 to 0.5 feet bls	5/28/2015			8.1 mg/kg	RDE5.2				
CA-24	CA-24-02	0.5 to 2 feet bls	5/28/2015			5.1 mg/kg	RDE				
CA-24	CA-24-04	2 to 4 feet bls	5/28/2015			0.24i mg/kg	N				
CA-24	CA-24-06	4 to 6 feet bls	5/28/2015			0.15i mg/kg	N				
CA-24	CA-24-08	6 to 8 feet bls	5/28/2015			0.18i mg/kg	N				
CA-25	CA-25-04	2 to 4 feet bls	5/28/2015			1.2 mg/kg	N				
CA-25	CA-25-06	4 to 6 feet bls	5/28/2015			0.17i mg/kg	N				
CA-26	CA-26-04	2 to 4 feet bls	5/28/2015			1.2 mg/kg	N				
CA-26	CA-26-06	4 to 6 feet bls	5/28/2015			0.15i mg/kg	N				
CA-27	CA-27-04	2 to 4 feet bls	5/28/2015			1.8 mg/kg	N				
CA-27	CA-27-05	4 to 6 feet bls	5/28/2015			0.29i mg/kg	N				
CA-28	CA-28-04	2 to 4 feet bls	5/28/2015			0.16i mg/kg	N				
CA-28	CA-28-05	4 to 6 feet bls	5/28/2015			0.18i mg/kg	N				
CA-29	CA-29-04	2 to 4 feet bls	5/28/2015			0.62 mg/kg	N				
CA-29	CA-29-05	4 to 6 feet bls	5/28/2015			0.35i mg/kg	N				
CA-30	CA-30-0.5	0 to 0.5 feet bls	5/28/2015			5 mg/kg	RDE				
CA-30	CA-30-02	0.5 to 2 feet bls	5/28/2015			0.67 mg/kg	N				
CA-30	CA-30-04	2 to 4 feet bls	5/28/2015			9.5 mg/kg	RDE5.2				
CA-31	CA-31-0.5	0 to 0.5 feet bls	5/28/2015			3.4 mg/kg	RDE				
CA-31	CA-31-02	0.5 to 2 feet bls	5/28/2015			0.89 mg/kg	N				
CA-31	CA-31-04	2 to 4 feet bls	5/28/2015			6.6 mg/kg	RDE5.2				
CA-32	CA-32-0.5	0 to 0.5 feet bls	5/28/2015			1 mg/kg	N				
CA-32	CA-32-02	0.5 to 2 feet bls	5/28/2015			0.87 mg/kg	N				
CA-32	CA-32-04	2 to 4 feet bls	5/28/2015			6 mg/kg	RDE5.2				

TABLE F1A METALS RESULTS											
Point id	Sample id	Sample Depth	Sample Date	Antimony	Sb_Exceed	Arsenic	As_Exceed	Nickel	Ni_Exceed	Vanadium	V_Exceed
CA-33	CA-33-0.5	0 to 0.5 feet bls	5/28/2015			6.1 mg/kg	RDE5.2				
CA-33	CA-33-02	0.5 to 2 feet bls	5/28/2015			1.4 mg/kg	N				
CA-33	CA-33-04	2 to 4 feet bls	5/28/2015			8.6 mg/kg	RDE5.2				
CA-34	CA-34-04	2 to 4 feet bls	5/28/2015			2.4 mg/kg	RDE				
CA-34	CA-34-06	4 to 6 feet bls	5/28/2015			2.7 mg/kg	RDE				
CA-35	CA-35-02	0.5 to 2 feet bls	5/28/2015			2.6 mg/kg	RDE				
CA-35	CA-35-04	2 to 4 feet bls	5/28/2015			1.1 mg/kg	N				
CA-36	CA-36-04	2 to 4 feet bls	5/28/2015			0.35i mg/kg	N				
CA-36	CA-36-06	4 to 6 feet bls	5/28/2015			4.7 mg/kg	RDE				
CA-37	CA-37-04	2 to 4 feet bls	5/28/2015			1.3 mg/kg	N				
CA-37	CA-37-06	4 to 6 feet bls	5/28/2015			2.9 mg/kg	RDE				
CA-38	CA-38-04	2 to 4 feet bls	5/28/2015			3.1 mg/kg	RDE				
CA-38	CA-38-06	4 to 6 feet bls	5/28/2015			6 mg/kg	RDE5.2				
CA-39	CA-39-04	2 to 4 feet bls	5/28/2015			1.4 mg/kg	N				
CA-39	CA-39-06	4 to 6 feet bls	5/28/2015			5.8 mg/kg	RDE5.2				
CA-40	CA-40-04	2 to 4 feet bls	5/28/2015			2.9 mg/kg	RDE				
CA-40	CA-40-06	4 to 6 feet bls	5/28/2015			3.6 mg/kg	RDE				
CA-41	CA-41-04	2 to 4 feet bls	5/28/2015			2.5 mg/kg	RDE				
CA-41	CA-41-06	4 to 6 feet bls	5/28/2015			2.6 mg/kg	RDE				
CB-2	CB-2	0 to 2 feet bls	9/4/2013			7.27 mg/kg	RDE5.2				
D10-1	D10-1-0.5	0 to 2 ft bls	2/13/2013	2.63 mg/kg	N	0.967 mg/kg	N	1.5 mg/kg	N	14.4 mg/kg	N
D10-1	D10-1-2.5	2 to 4 ft bls	2/13/2013	1.34 i mg/kg	N	0.848 mg/kg	N	1.61 mg/kg	N	19.6 mg/kg	N
D10-2	D10-2-0.5	0 to 2 ft bls	2/13/2013	1.08 i mg/kg	N	1.03 mg/kg	N	1.19 mg/kg	N	12.9 mg/kg	N
D10-2	D10-2-2.5	2 to 4 ft bls	2/13/2013	0.810 i mg/kg	N	0.81 mg/kg	N	0.868 mg/kg	N	9.14 mg/kg	N
D10-3	D10-3-0.5	0 to 2 ft bls	2/13/2013	0.725 i mg/kg	N	1.02 mg/kg	N	1.02 mg/kg	N	3.92 mg/kg	N
D10-3	D10-3-2.5	2 to 4 ft bls	2/13/2013	0.709 U mg/kg	N	1.05 mg/kg	N	1.1 mg/kg	N	5.3 mg/kg	N
D10-4	D10-4-0.5	0 to 2 ft bls	2/13/2013	0.809 i mg/kg	N	0.657 mg/kg	N	1.01 mg/kg	N	7.13 mg/kg	N
D10-4	D10-4-2.5	2 to 4 ft bls	2/13/2013	0.709 U mg/kg	N	1.04 mg/kg	N	1.25 mg/kg	N	12.7 mg/kg	N
D1-1	D1-1-2	0 to 2 ft bls	2/14/2013	3.38 mg/kg	N	2.07 mg/kg	N	2.42 mg/kg	N	5.96 mg/kg	N
D11-1	D11-1-2	0 to 2 ft bls	2/13/2013	0.709 U mg/kg	N	1.11 mg/kg	N	5.84 mg/kg	N	51.1 mg/kg	N
D2-1	D2-1-2	0 to 2 ft bls	2/15/2013	3.77 mg/kg	N	0.736 mg/kg	N	0.506 mg/kg	N	1.24 mg/kg	N
D2-1	D2-1-4	2 to 4 ft bls	2/15/2013	0.709 U mg/kg	N	0.372 mg/kg	N	0.266 mg/kg	N	0.319 mg/kg	N
D2-2	D2-2-2	0 to 2 ft bls	2/13/2013	1.1 mg/kg	N	0.689 mg/kg	N	0.597 mg/kg	N	0.965 mg/kg	N
D2-2	D2-2-11	9 to 11 ft bls	2/13/2013	3.69 mg/kg	N	3.87 mg/kg	RDE	0.293 mg/kg	N	0.41 mg/kg	N
D2-3	D2-3-2	0 to 2 ft bls	2/13/2013	1.49 i mg/kg	N	1.34 mg/kg	N	0.359 mg/kg	N	0.668 mg/kg	N
D2-3	D2-3-11	9 to 11 ft bls	2/13/2013	0.987 i mg/kg	N	0.641 mg/kg	N	0.395 mg/kg	N	0.493 mg/kg	N
D2-4	D2-4-2	0 to 2 ft bls	2/15/2013	0.709 U mg/kg	N	0.701 mg/kg	N	0.701 mg/kg	N	4.47 mg/kg	N
D2-4	D2-4-4	2 to 4 ft bls	2/15/2013	0.709 U mg/kg	N	0.262 mg/kg	N	0.262 mg/kg	N	0.419 mg/kg	N
D5-1	D5-1-2	0 to 2 ft bls	2/13/2013	0.709 U mg/kg	N	16.2 mg/kg	CIDE	1.65 mg/kg	N	7.02 mg/kg	N
D5-1	D5-1-4	2 to 4 ft bls	2/13/2013	0.709 U mg/kg	N	1.17 mg/kg	N	1.33 mg/kg	N	2.61 mg/kg	N
D5-1	D5-1-6	4 to 6 ft bls	2/13/2013	0.709 U mg/kg	N	4.45 mg/kg	RDE	1.52 mg/kg	N	3.38 mg/kg	N
D5-2	D5-2-2	0 to 2 ft bls	2/13/2013	0.709 U mg/kg	N	4.67 mg/kg	RDE	2.47 mg/kg	N	10.7 mg/kg	N
D5-2	D5-2-4	2 to 4 ft bls	2/13/2013	0.709 U mg/kg	N	1.49 mg/kg	N	0.641 mg/kg	N	1.41 mg/kg	N
D5-2	D5-2-6	4 to 6 ft bls	2/13/2013	0.709 U mg/kg	N	0.861 mg/kg	N	0.909 J-03 mg/kg	N	2.01 mg/kg	N
D5-3	D5-3-2	0 to 2 ft bls	2/13/2013	1.17 i mg/kg	N	4.12 mg/kg	RDE	2.15 mg/kg	N	6.95 mg/kg	N
D5-3	D5-3-4	2 to 4 ft bls	2/13/2013	0.709 U mg/kg	N	1.79 mg/kg	N	1 mg/kg	N	3.46 mg/kg	N
D5-3	D5-3-6	4 to 6 ft bls	2/13/2013	0.709 U mg/kg	N	2.04 mg/kg	N	0.713 mg/kg	N	1.32 mg/kg	N
D5-4	D5-4-2	0 to 2 ft bls	2/13/2013	3.54 mg/kg	N	1.48 mg/kg	N	2.06 mg/kg	N	8.34 mg/kg	N
D5-4	D5-4-4	2 to 4 ft bls	2/13/2013	1.84 i mg/kg	N	6.74 mg/kg	RDE5.2	3.26 J-03 mg/kg	N	10.2 mg/kg	N
D5-4	D5-4-6	4 to 6 ft bls	2/13/2013	1.97 i mg/kg	N	16.7 mg/kg	CIDE	1.18 mg/kg	N	3.11 mg/kg	N
D5-5	D5-5-2	0 to 2 ft bls	2/13/2013	0.709 U mg/kg	N	4.04 mg/kg	RDE	0.904 mg/kg	N	3.94 mg/kg	N

TABLE F1A METALS RESULTS											
Point id	Sample id	Sample Depth	Sample Date	Antimony	Sb_Exceed	Arsenic	As_Exceed	Nickel	Ni_Exceed	Vanadium	V_Exceed
D5-5	D5-5-4	2 to 4 ft bls	2/13/2013	0.709 U mg/kg	N	8.7 mg/kg	RDE5.2	3.17 mg/kg	N	8.51 mg/kg	N
D5-5	D5-5-6	4 to 6 ft bls	2/13/2013	0.709 U mg/kg	N	33.8 mg/kg	CIDE	1.59 mg/kg	N	4.55 mg/kg	N
D5-6	D5-6-2	0 to 2 ft bls	2/13/2013	1.35 i mg/kg	N	26.8 mg/kg	CIDE	2.14 mg/kg	N	7.78 mg/kg	N
D5-6	D5-6-4	2 to 4 ft bls	2/13/2013	1.42 i mg/kg	N	29.2 mg/kg	CIDE	4 mg/kg	N	13.4 mg/kg	N
D5-6	D5-6-6	4 to 6 ft bls	2/13/2013	0.721 i mg/kg	N	15.5 mg/kg	CIDE	2.16 mg/kg	N	10.2 mg/kg	N
D5-7	D5-7-2	0 to 2 ft bls	2/13/2013	0.709 U mg/kg	N	1.35 mg/kg	N	2.31 mg/kg	N	12.8 mg/kg	N
D5-7	D5-7-4	2 to 4 ft bls	2/13/2013	1.06 i mg/kg	N	17.9 mg/kg	CIDE	3.28 mg/kg	N	13.4 mg/kg	N
D5-7	D5-7-6	4 to 6 ft bls	2/13/2013	0.709 U mg/kg	N	1.96 mg/kg	N	0.404 mg/kg	N	0.289 mg/kg	N
D5-8	D5-8-2	0 to 2 ft bls	2/13/2013	2.36 mg/kg	N	48.2 mg/kg	CIDE	40.5 mg/kg	N	217 mg/kg	RDE
D5-8	D5-8-4	2 to 4 ft bls	2/13/2013	0.709 U mg/kg	N	7.76 mg/kg	RDE5.2	2.67 mg/kg	N	9.28 mg/kg	N
D5-8	D5-8-6	4 to 6 ft bls	2/13/2013	0.709 U mg/kg	N	4.84 mg/kg	RDE	0.451 mg/kg	N	0.838 mg/kg	N
D6-1	D6-1-2	0 to 2 ft bls	2/13/2013	0.709 U mg/kg	N	24 mg/kg	CIDE	4.01 mg/kg	N	19.8 mg/kg	N
D6-1	D6-1-4	2 to 4 ft bls	2/13/2013	0.902 i mg/kg	N	25.4 mg/kg	CIDE	0.842 mg/kg	N	5.53 mg/kg	N
D6-1	D6-1-6	4 to 6 ft bls	2/13/2013	0.768 i mg/kg	N	16.4 mg/kg	CIDE	0.559 mg/kg	N	1.68 mg/kg	N
D8-1	D8-1-2	0 to 2 ft bls	2/14/2013	0.709 U mg/kg	N	1.42 mg/kg	N	7.91 mg/kg	N	59.9 mg/kg	N
D8-1	D8-1-4	2 to 4 ft bls	2/14/2013	0.709 U mg/kg	N	29.3 mg/kg	CIDE	1150 mg/kg	RDE	5650 mg/kg	L
D8-1	D8-1-6	4 to 6 ft bls	2/14/2013	0.709 U mg/kg	N	6.12 mg/kg	RDE5.2	2.18 J-03 mg/kg	N	3930 mg/kg	L
D8-2	D8-2-2	0 to 2 ft bls	2/14/2013	8.71 mg/kg	L	3.61 mg/kg	RDE	18.7 mg/kg	N	135 mg/kg	RDE
D8-2	D8-2-4	2 to 4 ft bls	2/14/2013	4.94 mg/kg	N	3.96 mg/kg	RDE	19.3 mg/kg	N	123 mg/kg	RDE
D8-2	D8-2-6	4 to 6 ft bls	2/14/2013	2.01 i mg/kg	N	6.71 mg/kg	RDE5.2	359 mg/kg	RDE	2490 mg/kg	L
D8-3	D8-3-2	0 to 2 ft bls	2/14/2013	1.37 mg/kg	N	12.1 mg/kg	CIDE	125 mg/kg	N	1250 mg/kg	L
D8-3	D8-3-4	2 to 4 ft bls	2/14/2013	0.709 U mg/kg	N	1.53 mg/kg	N	2.51 mg/kg	N	88.1 mg/kg	RDE
D8-3	D8-3-6	4 to 6 ft bls	2/14/2013	1.50 i mg/kg	N	4.75 mg/kg	RDE	55 mg/kg	N	380 mg/kg	RDE
D8-4	D8-4-2	0 to 2 ft bls	2/14/2013	0.906 i mg/kg	N	3.07 mg/kg	RDE	3.12 mg/kg	N	33.5 mg/kg	N
D8-4	D8-4-4	2 to 4 ft bls	2/14/2013	0.709 U mg/kg	N	5.38 mg/kg	RDE5.2	464 mg/kg	RDE	2450 mg/kg	L
D8-4	D8-4-6	4 to 6 ft bls	2/14/2013	0.975 i mg/kg	N	4.88 mg/kg	RDE	157 mg/kg	L	489 mg/kg	RDE
D8-5	D8-5-2	0 to 2 ft bls	2/14/2013	0.709 U mg/kg	N	1.58 mg/kg	N	1.47 mg/kg	N	13.7 mg/kg	N
D8-5	D8-5-4	2 to 4 ft bls	2/14/2013	0.709 U mg/kg	N	4.04 mg/kg	RDE	0.94 mg/kg	N	3.76 mg/kg	N
D8-5	D8-5-6	4 to 6 ft bls	2/14/2013	0.709 U mg/kg	N	2.6 mg/kg	RDE	0.552 mg/kg	N	1.58 mg/kg	N
D8-6	D8-6-2	0 to 2 ft bls	2/14/2013	0.709 U mg/kg	N	6.41 mg/kg	RDE5.2	2.83 mg/kg	N	15 mg/kg	N
D8-6	D8-6-4	2 to 4 ft bls	2/14/2013	0.709 U mg/kg	N	1.06 mg/kg	N	0.531 mg/kg	N	3.64 mg/kg	N
D8-6	D8-6-6	4 to 6 ft bls	2/14/2013	0.740 i mg/kg	N	2.69 mg/kg	RDE	0.605 mg/kg	N	3.5 mg/kg	N
D8-7	D8-7-2	0 to 2 ft bls	2/14/2013	0.709 U mg/kg	N	1.13 mg/kg	N	2.06 mg/kg	N	8.56 mg/kg	N
D8-7	D8-7-4	2 to 4 ft bls	2/14/2013	0.709 U mg/kg	N	2.07 mg/kg	N	1.3 mg/kg	N	4.77 mg/kg	N
D8-7	D8-7-6	4 to 6 ft bls	2/14/2013	12.1 mg/kg	L	3.71 mg/kg	RDE	0.691 mg/kg	N	10.6 mg/kg	N
D8-8	D8-8-2	0 to 2 ft bls	2/14/2013	1.99 i mg/kg	N	0.993 mg/kg	N	1.15 mg/kg	N	4.34 mg/kg	N
D8-8	D8-8-4	2 to 4 ft bls	2/14/2013	0.709 U mg/kg	N	0.748 mg/kg	N	1.94 J-03 mg/kg	N	11.3 J-03 mg/kg	N
D8-8	D8-8-6	4 to 6 ft bls	2/14/2013	1.86 i mg/kg	N	23.3 mg/kg	CIDE	23.7 mg/kg	N	169 mg/kg	RDE
D9-1	D9-1-2	0 to 2 ft bls	2/13/2013	2.06 i mg/kg	N	7.63 mg/kg	RDE5.2	5.09 mg/kg	N	10.3 mg/kg	N
D9-2	D9-2-2	0 to 2 ft bls	2/13/2013	1.26 i mg/kg	N	18.1 mg/kg	CIDE	3.56 mg/kg	N	13.1 mg/kg	N
D9-2	D9-2-4	2 to 4 ft bls	2/13/2013	1.59 i mg/kg	N	6.42 mg/kg	RDE5.2	1.14 mg/kg	N	2.29 mg/kg	N
D9-2	D9-2-6	4 to 6 ft bls	2/13/2013	1.23 i mg/kg	N	6.01 mg/kg	RDE5.2	0.385 mg/kg	N	1 mg/kg	N
D9-3	D9-3-2	0 to 2 ft bls	2/13/2013	0.709 U mg/kg	N	2.52 mg/kg	RDE	3.35 mg/kg	N	17.5 mg/kg	N
D9-3	D9-3-4	2 to 4 ft bls	2/13/2013	0.709 U mg/kg	N	0.668 mg/kg	N	0.613 mg/kg	N	1.45 mg/kg	N
D9-4	D9-4-2	0 to 2 ft bls	2/13/2013	0.916 i mg/kg	N	1.93 mg/kg	N	0.865 mg/kg	N	2.85 mg/kg	N
D9-4	D9-4-4	2 to 4 ft bls	2/13/2013	0.852 i mg/kg	N	3.25 mg/kg	RDE	0.649 mg/kg	N	2.35 mg/kg	N
D9-5	D9-5-2	0 to 2 ft bls	2/13/2013	0.709 U mg/kg	N	9.58 mg/kg	RDE5.2	3.53 mg/kg	N	14 mg/kg	N
D9-5	D9-5-5	4 to 6 ft bls	2/13/2013	0.709 U mg/kg	N	70.1 mg/kg	CIDE	0.776 mg/kg	N	3.94 mg/kg	N
D9-5	D9-5-8	6 to 8 ft bls	2/13/2013	0.941 i mg/kg	N	9.85 mg/kg	RDE5.2	0.579 mg/kg	N	0.29 mg/kg	N
D9-6	D9-6-2	0 to 2 ft bls	2/13/2013	0.826 i mg/kg	N	5.69 mg/kg	RDE5.2	29.3 mg/kg	N	254 mg/kg	RDE
D9-6	D9-6-4	2 to 4 ft bls	2/13/2013	0.709 U mg/kg	N	2.73 mg/kg	RDE	2.42 mg/kg	N	42.2 mg/kg	N

TABLE F1A METALS RESULTS											
Point id	Sample id	Sample Depth	Sample Date	Antimony	Sb_Exceed	Arsenic	As_Exceed	Nickel	Ni_Exceed	Vanadium	V_Exceed
D9-6	D9-6-6	4 to 6 ft bls	2/13/2013	0.709 U mg/kg	N	5.05 mg/kg	RDE	0.404 mg/kg	N	1.01 mg/kg	N
D9-7	D9-7-2	0 to 2 ft bls	2/13/2013	6.77 mg/kg	L	1.98 mg/kg	N	15.6 mg/kg	N	58.9 mg/kg	N
D9-7	D9-7-4	2 to 4 ft bls	2/13/2013	2.28 mg/kg	N	4.6 mg/kg	RDE	46 mg/kg	N	276 mg/kg	RDE
D9-7	D9-7-6	4 to 6 ft bls	2/13/2013	3.57 mg/kg	N	11.8 mg/kg	RDE5.2	0.872 mg/kg	N	0.436 mg/kg	N
D9-8	D9-8-2	0 to 2 ft bls	2/13/2013	0.850 i mg/kg	N	3.67 mg/kg	RDE	12.3 mg/kg	N	72.9 mg/kg	RDE
D9-8	D9-8-4	2 to 4 ft bls	2/13/2013	5.01 mg/kg	N	1.87 mg/kg	N	0.735 mg/kg	N	7.09 mg/kg	N
D9-8	D9-8-6	4 to 6 ft bls	2/13/2013	2.45 mg/kg	N	8.9 mg/kg	RDE5.2	0.451 mg/kg	N	0.193 mg/kg	N
E10-1	E10-1-2	0 to 2 ft bls	2/13/2013	0.919 i mg/kg	N	0.752 mg/kg	N	1.38 mg/kg	N	17.1 mg/kg	N
E1-1	E1-1-2	0 to 2 ft bls	2/14/2013	1.2 i mg/kg	N	0.876 mg/kg	N	0.274 mg/kg	N	0.329 mg/kg	N
E11-1	E11-1-2	0 to 2 ft bls	2/13/2013	6.6 mg/kg	L	3.12 mg/kg	RDE	3.24 mg/kg	N	14.1 mg/kg	N
E2-1	E2-1-2	0 to 2 ft bls	2/15/2013	0.709 U mg/kg	N	1.03 mg/kg	N	0.359 mg/kg	N	2.15 mg/kg	N
E2-1	E2-1-4	2 to 4 ft bls	2/15/2013	0.709 U mg/kg	N	0.346 mg/kg	N	0.192 mg/kg	N	0.269 mg/kg	N
E2-1	E2-1-6	4 to 6 ft bls	2/15/2013	0.709 U mg/kg	N	0.41 mg/kg	N	0.246 mg/kg	N	0.246 mg/kg	N
E2-2	E2-2-2	0 to 2 ft bls	2/15/2013	0.709 U mg/kg	N	0.673 mg/kg	N	0.466 mg/kg	N	1.81 mg/kg	N
E2-2	E2-2-4	2 to 4 ft bls	2/15/2013	0.709 U mg/kg	N	0.313 mg/kg	N	0.261 mg/kg	N	0.521 mg/kg	N
E2-2	E2-2-6	4 to 6 ft bls	2/15/2013	0.709 U mg/kg	N	0.254 mg/kg	N	0.304 mg/kg	N	0.558 mg/kg	N
E2-3	E2-3-2	0 to 2 ft bls	2/15/2013	0.709 U mg/kg	N	0.659 mg/kg	N	0.33 mg/kg	N	0.384 mg/kg	N
E2-3	E2-3-6	4 to 6 ft bls	2/15/2013	0.709 U mg/kg	N	0.231 mg/kg	N	0.288 mg/kg	N	0.346 mg/kg	N
E2-4	E2-4-2	0 to 2 ft bls	2/15/2013	3.15 mg/kg	N	0.542 mg/kg	N	0.271 mg/kg	N	0.813 mg/kg	N
E2-4	E2-4-4	2 to 4 ft bls	2/15/2013	1.13 i mg/kg	N	0.296 mg/kg	N	0.296 mg/kg	N	0.394 mg/kg	N
E2-4	E2-4-6	4 to 6 ft bls	2/15/2013	0.709 U mg/kg	N	0.333 mg/kg	N	0.333 J-03 mg/kg	N	0.476 mg/kg	N
E2-5	E2-5-2	0 to 2 ft bls	2/13/2013	1.52 i mg/kg	N	2.55 mg/kg	RDE	3.52 mg/kg	N	8.46 mg/kg	N
E2-5	E2-5-6	4 to 6 ft bls	2/13/2013	0.709 U mg/kg	N	0.339 mg/kg	N	0.339 mg/kg	N	0.226 mg/kg	N
E2-5	E2-5-11	9 to 11 ft bls	2/13/2013	0.709 U mg/kg	N	0.621 mg/kg	N	0.282 mg/kg	N	0.169 mg/kg	N
E2-6	E2-6-2	0 to 2 ft bls	2/13/2013	0.709 U mg/kg	N	1.09 mg/kg	N	0.425 mg/kg	N	0.85 mg/kg	N
E2-6	E2-6-6	4 to 6 ft bls	2/13/2013	0.709 U mg/kg	N	0.443 mg/kg	N	0.266 mg/kg	N	0.177 mg/kg	N
E2-6	E2-6-11	9 to 11 ft bls	2/13/2013	0.709 U mg/kg	N	0.545 mg/kg	N	0.273 mg/kg	N	0.164 mg/kg	N
E2-7	E2-7-2	0 to 2 ft bls	2/13/2013	0.709 U mg/kg	N	1.2 mg/kg	N	1.05 mg/kg	N	1.52 mg/kg	N
E2-7	E2-7-6	4 to 6 ft bls	2/13/2013	0.782 i mg/kg	N	0.288 mg/kg	N	0.288 mg/kg	N	0.123 mg/kg	N
E2-7	E2-7-11	9 to 11 ft bls	2/13/2013	0.709 U mg/kg	N	0.347 mg/kg	N	0.298 mg/kg	N	0.248 mg/kg	N
E2-8	E2-8-2	0 to 2 ft bls	2/13/2013	0.709 U mg/kg	N	7.44 mg/kg	RDE5.2	3.87 mg/kg	N	16.4 mg/kg	N
E2-8	E2-8-6	4 to 6 ft bls	2/13/2013	0.709 U mg/kg	N	0.862 mg/kg	N	0.355 mg/kg	N	0.355 mg/kg	N
E2-8	E2-8-11	9 to 11 ft bls	2/13/2013	0.709 U mg/kg	N	0.98 mg/kg	N	0.272 mg/kg	N	0.327 mg/kg	N
E3-1	E3-1-2	0 to 2 ft bls	2/13/2013	0.709 U mg/kg	N	1.08 mg/kg	N	0.625 mg/kg	N	1.02 mg/kg	N
E3-1	E3-1-4	2 to 4 ft bls	2/13/2013	0.709 U mg/kg	N	0.474 mg/kg	N	0.527 mg/kg	N	0.737 mg/kg	N
E3-2	E3-2-2	0 to 2 ft bls	2/13/2013	0.709 U mg/kg	N	0.803 mg/kg	N	0.753 mg/kg	N	2.36 mg/kg	N
E3-2	E3-2-11	10 to 11 ft bls	2/13/2013	1.16 i mg/kg	N	7.9 mg/kg	RDE5.2	2.03 mg/kg	N	11.6 mg/kg	N
E3-2	E3-2-4	2 to 4 ft bls	2/13/2013	0.709 U mg/kg	N	1.11 mg/kg	N	1.3 J-03 mg/kg	N	2.83 mg/kg	N
E3-2	E3-2-6	4 to 6 ft bls	2/13/2013	4.29 mg/kg	N	12.9 mg/kg	CIDE	1.14 mg/kg	N	5.79 mg/kg	N
E3-2	E3-2-8	6 to 8 ft bls	2/13/2013	2.35 mg/kg	N	5.17 mg/kg	RDE	1.51 mg/kg	N	10.2 mg/kg	N
E3-2	E3-2-10	8 to 10 ft bls	2/13/2013	2.05 i mg/kg	N	8.75 mg/kg	RDE5.2	1.73 mg/kg	N	14.8 mg/kg	N
E3-3	E3-3-2	0 to 2 ft bls	2/13/2013	0.709 U mg/kg	N	1.64 mg/kg	N	0.897 mg/kg	N	3.59 mg/kg	N
E3-3	E3-3-11	10 to 11 ft bls	2/13/2013	1.93 i mg/kg	N	6.98 mg/kg	RDE5.2	0.43 mg/kg	N	1.13 mg/kg	N
E3-3	E3-3-4	2 to 4 ft bls	2/13/2013	0.709 U mg/kg	N	1.06 mg/kg	N	0.9 mg/kg	N	2.54 mg/kg	N
E3-3	E3-3-6	4 to 6 ft bls	2/13/2013	6.31 mg/kg	L	1.78 mg/kg	N	1.08 mg/kg	N	4.15 mg/kg	N
E3-3	E3-3-8	6 to 8 ft bls	2/13/2013	2.61 mg/kg	N	1.25 mg/kg	N	0.284 mg/kg	N	0.51 mg/kg	N
E3-3	E3-3-10	8 to 10 ft bls	2/13/2013	3.81 mg/kg	N	1.5 mg/kg	N	1.18 mg/kg	N	3.54 mg/kg	N
E3-4	E3-4-2	0 to 2 ft bls	2/13/2013	0.709 U mg/kg	N	2.3 mg/kg	RDE	1.15 mg/kg	N	16.2 mg/kg	N
E3-4	E3-4-4	2 to 4 ft bls	2/13/2013	0.709 U mg/kg	N	5.12 mg/kg	RDE	1.24 mg/kg	N	7.17 mg/kg	N

TABLE F1A METALS RESULTS											
Point id	Sample id	Sample Depth	Sample Date	Antimony	Sb_Exceed	Arsenic	As_Exceed	Nickel	Ni_Exceed	Vanadium	V_Exceed
E3-4	E3-4-6	4 to 6 ft bls	2/13/2013	0.709 U mg/kg	N	0.489 mg/kg	N	0.342 mg/kg	N	0.293 mg/kg	N
E3-4	E3-4-8	6 to 8 ft bls	2/13/2013	0.709 U mg/kg	N	0.538 mg/kg	N	0.299 mg/kg	N	0.239 mg/kg	N
E3-4	E3-4-10	8 to 10 ft bls	2/13/2013	0.709 U mg/kg	N	0.354 mg/kg	N	0.354 mg/kg	N	0.304 mg/kg	N
E3-4	E3-4-11	9 to 11 ft bls	2/13/2013	0.709 U mg/kg	N	1.38 mg/kg	N	0.954 mg/kg	N	4.77 mg/kg	N
E3-5/E3-5R	E3-5-2	0 to 2 ft bls	2/13/2013	0.709 U mg/kg	N	32.1 mg/kg	CIDE	18.8 mg/kg	N	10.6 mg/kg	N
E3-5/E3-5R	E3-5-6	4 to 6 ft bls	2/13/2013	1.00 i mg/kg	N	2.53 mg/kg	RDE	3.32 mg/kg	N	7.54 mg/kg	N
E3-5/E3-5R	E3-5R-08	6 to 8 feet bls	6/26/2014			1.8 mg/kg	N				
E3-5/E3-5R	E3-5-11	9 to 11 ft bls	2/13/2013	0.709 U mg/kg	N	0.626 mg/kg	N	1.02 mg/kg	N	0.285 mg/kg	N
E3-6	E3-6-2	0 to 2 ft bls	2/13/2013	0.931 i mg/kg	N	0.983 mg/kg	N	1.03 mg/kg	N	3.98 mg/kg	N
E3-6	E3-6-4	2 to 4 ft bls	2/13/2013	0.709 U mg/kg	N	0.538 mg/kg	N	0.968 mg/kg	N	3.6 mg/kg	N
E3-6	E3-6-6	4 to 6 ft bls	2/13/2013	0.903 i mg/kg	N	0.531 mg/kg	N	0.903 mg/kg	N	3.98 mg/kg	N
E3-6	E3-6-8	6 to 8 ft bls	2/13/2013	0.709 U mg/kg	N	1.03 mg/kg	N	0.981 mg/kg	N	4.54 mg/kg	N
E3-6	E3-6-10	8 to 10 ft bls	2/13/2013	0.709 U mg/kg	N	0.431 mg/kg	N	1.02 mg/kg	N	3.88 mg/kg	N
E3-6	E3-6-11	9 to 11 ft bls	2/13/2013	0.709 U mg/kg	N	0.925 mg/kg	N	1.34 mg/kg	N	5.24 mg/kg	N
E3-7	E3-7-2	0 to 2 ft bls	2/13/2013	0.749 i mg/kg	N	0.749 mg/kg	N	2.3 mg/kg	N	26.2 mg/kg	N
E3-7	E3-7-6	4 to 6 ft bls	2/13/2013	0.709 U mg/kg	N	1.32 mg/kg	N	0.968 mg/kg	N	5.24 mg/kg	N
E3-7	E3-7-11	9 to 11 ft bls	2/13/2013	0.709 U mg/kg	N	0.628 mg/kg	N	0.732 mg/kg	N	3.98 mg/kg	N
E3-8	E3-8-2	0 to 2 ft bls	2/13/2013	3.11 mg/kg	N	11.1 mg/kg	RDE5.2	19.5 mg/kg	N	69.2 mg/kg	RDE
E3-8	E3-8R-04	2 to 4 feet bls	6/26/2014			30.8 mg/kg	CIDE				
E3-8	E3-8-6	4 to 6 ft bls	2/13/2013	0.709 U mg/kg	N	0.859 mg/kg	N	0.657 mg/kg	N	4.15 mg/kg	N
E3-8	E3-8-11	9 to 11 ft bls	2/13/2013	1.19 i mg/kg	N	9.84 mg/kg	RDE5.2	3.78 mg/kg	N	10.9 mg/kg	N
E3-8	E3-8-11	9 to 11 ft bls	2/13/2013	1.19 i mg/kg	N	9.84 mg/kg	RDE5.2	3.78 mg/kg	N	10.9 mg/kg	N
E4-1	E4-1-2	0 to 2 ft bls	2/14/2013	0.709 U mg/kg	N	72.6 mg/kg	CIDE	0.968 mg/kg	N	8.18 mg/kg	N
E4-1	E4-1-4	2 to 4 ft bls	2/14/2013	0.709 U mg/kg	N	9.58 mg/kg	RDE5.2	1.28 mg/kg	N	6.67 mg/kg	N
E4-2	E4-2-4	0 to 2 ft bls	2/14/2013	1.13 i mg/kg	N	9.53 mg/kg	RDE5.2	48.9 mg/kg	N	805 mg/kg	RDE
E4-3	E4-3-2	0 to 2 ft bls	2/14/2013	0.740 i mg/kg	N	20.3 mg/kg	CIDE	1.95 mg/kg	N	6.66 mg/kg	N
E4-3	E4-3-12	10 to 12 ft bls	2/14/2013	0.709 U mg/kg	N	4.3 mg/kg	RDE	28.3 mg/kg	N	109 mg/kg	RDE
E4-3	E4-3-6	4 to 6 ft bls	2/14/2013	0.709 U mg/kg	N	23.3 mg/kg	CIDE	0.997 mg/kg	N	7.48 mg/kg	N
E4-3	E4-3-10	8 to 10 ft bls	2/14/2013	0.921 i mg/kg	N	7.66 mg/kg	RDE5.2	60 mg/kg	N	200 mg/kg	RDE
E4-4	E4-4-2	0 to 2 ft bls	2/14/2013	0.709 U mg/kg	N	9.65 mg/kg	RDE5.2	2.1 mg/kg	N	15.7 mg/kg	N
E4-4	E4-4-4	2 to 4 ft bls	2/14/2013	2.38 mg/kg	N	1.4 mg/kg	N	2.48 mg/kg	N	6.35 mg/kg	N
E4-4	E4-4-10	4 to 6 ft bls	2/14/2013	1.88 i mg/kg	N	4.69 mg/kg	RDE	6.39 mg/kg	N	44.4 mg/kg	N
E4-5	E4-5-2	0 to 2 ft bls	2/15/2013	0.709 U mg/kg	N	123 mg/kg	CIDE	2.26 mg/kg	N	14.9 mg/kg	N
E4-5	E4-5-4	2 to 4 ft bls	2/15/2013	5.01 mg/kg	N	1.23 mg/kg	N	2.29 mg/kg	N	6.35 mg/kg	N
E4-5	E4-5-6	4 to 6 ft bls	2/15/2013	1.36 i mg/kg	N	0.944 mg/kg	N	1.94 mg/kg	N	5.19 mg/kg	N
E4-5	E4-5-8	6 to 8 ft bls	2/15/2013	0.709 U mg/kg	N	1.58 mg/kg	N	0.708 mg/kg	N	2.4 mg/kg	N
E4-5	E4-5-10	8 to 10 ft bls	2/15/2013	0.709 U mg/kg	N	2.66 mg/kg	RDE	1.8 J-03 mg/kg	N	11.1 J-03 mg/kg	N
E4-6	E4-6-2	0 to 2 ft bls	2/14/2013	1.77 i mg/kg	N	24.7 mg/kg	CIDE	2.2 mg/kg	N	9.19 mg/kg	N
E4-6	E4-6-4	2 to 4 ft bls	2/14/2013	1.03 i mg/kg	N	21.9 mg/kg	CIDE	1.3 mg/kg	N	5.43 mg/kg	N
E4-6	E4-6-9	8 to 10 ft bls	2/14/2013	0.915 i mg/kg	N	4.17 mg/kg	RDE	2.52 mg/kg	N	39.8 mg/kg	N
E4-7	E4-7-2	0 to 2 ft bls	2/14/2013	4.56 mg/kg	N	1.94 mg/kg	N	3.54 mg/kg	N	8.09 mg/kg	N
E4-7	E4-7-4	2 to 4 ft bls	2/14/2013	2.98 mg/kg	N	6.77 mg/kg	RDE5.2	10.5 mg/kg	N	13.5 mg/kg	N
E4-8	E4-8-2	0 to 2 ft bls	2/13/2013	0.709 U mg/kg	N	1.98 mg/kg	N	0.85 mg/kg	N	13.7 mg/kg	N
E4-8	E4-8-4	2 to 4 ft bls	2/13/2013	1.07 i mg/kg	N	3.1 mg/kg	RDE	1.33 mg/kg	N	3.29 mg/kg	N

TABLE F1A METALS RESULTS											
Point id	Sample id	Sample Depth	Sample Date	Antimony	Sb_Exceed	Arsenic	As_Exceed	Nickel	Ni_Exceed	Vanadium	V_Exceed
E4-8	E4-8-6	4 to 6 ft bls	2/13/2013	0.709 U mg/kg	N	0.706 mg/kg	N	0.471 mg/kg	N	0.294 mg/kg	N
E5-1	E5-1-2	0 to 2 ft bls	2/14/2013	1.94 i mg/kg	N	25.3 mg/kg	CIDE	1.51 mg/kg	N	5.61 mg/kg	N
E5-2	E5-2-2	0 to 2 ft bls	2/14/2013	0.709 U mg/kg	N	22.7 mg/kg	CIDE	0.847 mg/kg	N	5.17 mg/kg	N
E5-2	E5-2-4	2 to 4 ft bls	2/14/2013	0.709 U mg/kg	N	39.7 mg/kg	CIDE	0.965 mg/kg	N	3.92 mg/kg	N
E5-3	E5-3-2	0 to 2 ft bls	2/14/2013	0.709 U mg/kg	N	24.8 mg/kg	CIDE	0.749 mg/kg	N	5.04 mg/kg	N
E5-3	E5-3-4	2 to 4 ft bls	2/14/2013	0.709 U mg/kg	N	30.5 mg/kg	CIDE	0.422 mg/kg	N	1.81 mg/kg	N
E5-4	E5-4-2	0 to 2 ft bls	2/14/2013	0.709 U mg/kg	N	35.3 mg/kg	CIDE	0.831 mg/kg	N	9.98 mg/kg	N
E5-4	E5-4-4	2 to 4 ft bls	2/14/2013	0.709 U mg/kg	N	57.8 mg/kg	CIDE	0.413 mg/kg	N	5.62 mg/kg	N
E5-5	E5-5-2	0 to 2 ft bls	2/14/2013	0.709 U mg/kg	N	18.7 mg/kg	CIDE	1.62 J-03 mg/kg	N	25.6 J-03 mg/kg	N
E5-5	E5-5-4	2 to 4 ft bls	2/14/2013	2.72 mg/kg	N	8.78 mg/kg	RDE5.2	310 mg/kg	L	4140 mg/kg	L
E5-6	E5-6-2	0 to 2 ft bls	2/13/2013	0.999 i mg/kg	N	10.4 mg/kg	RDE5.2	21.1 mg/kg	N	19.3 mg/kg	N
E5-6	E5-6-4	2 to 4 ft bls	2/13/2013	0.877 i mg/kg	N	14.1 mg/kg	CIDE	3.94 mg/kg	N	7.76 mg/kg	N
E5-6	E5-6-7	4 to 6 ft bls	2/13/2013	0.976 i mg/kg	N	11 mg/kg	RDE5.2	1.13 mg/kg	N	4.88 mg/kg	N
E5-7	E5-7-1	0 to 2 ft bls	2/13/2013	3.87 mg/kg	N	2.67 mg/kg	RDE	2.4 mg/kg	N	8.39 mg/kg	N
E5-7	E5-7-3	2 to 4 ft bls	2/13/2013	2.04 i mg/kg	N	1.49 mg/kg	N	0.939 mg/kg	N	4.75 mg/kg	N
E5-7	E5-7-5	4 to 6 ft bls	2/13/2013	1.38 i mg/kg	N	5.93 mg/kg	RDE5.2	0.688 mg/kg	N	1.96 mg/kg	N
E5-8	E5-8-2	0 to 2 ft bls	2/14/2013	0.709 U mg/kg	N	4.98 mg/kg	RDE	1.09 mg/kg	N	9.87 mg/kg	N
E5-8	E5-8-4	2 to 4 ft bls	2/14/2013	0.709 U mg/kg	N	1.42 mg/kg	N	0.712 mg/kg	N	5.49 mg/kg	N
E6-1	E6-1-2	0 to 2 ft bls	2/14/2013	0.709 U mg/kg	N	16.3 mg/kg	CIDE	1.85 mg/kg	N	8.19 mg/kg	N
E6-1	E6-1-4	2 to 4 ft bls	2/14/2013	0.816 i mg/kg	N	36 mg/kg	CIDE	0.627 mg/kg	N	14.6 mg/kg	N
E6-2	E6-2-2	0 to 2 ft bls	2/14/2013	0.869 i mg/kg	N	54.8 mg/kg	CIDE	16.5 mg/kg	N	84.9 mg/kg	RDE
E6-2	E6-2-4	2 to 4 ft bls	2/14/2013	4.74 mg/kg	N	46.9 mg/kg	CIDE	0.668 mg/kg	N	9.55 mg/kg	N
E6-3	E6-3-2	0 to 2 ft bls	2/14/2013	1.00 i mg/kg	N	36.9 mg/kg	CIDE	82.7 mg/kg	N	248 mg/kg	RDE
E6-3	E6-3-4	2 to 4 ft bls	2/14/2013	0.874 i mg/kg	N	30.1 mg/kg	CIDE	10.9 mg/kg	N	18.9 mg/kg	N
E6-4	E6-4-2	0 to 2 ft bls	2/14/2013	0.709 U mg/kg	N	3.48 mg/kg	RDE	1.25 mg/kg	N	5.04 mg/kg	N
E6-4	E6-4-4	2 to 4 ft bls	2/14/2013	0.709 U mg/kg	N	3.66 mg/kg	RDE	0.874 mg/kg	N	7.97 mg/kg	N
E6-5	E6-5-2	0 to 2 ft bls	2/14/2013	0.709 U mg/kg	N	33.6 mg/kg	CIDE	2.66 J-03 mg/kg	N	12.4 J-03 mg/kg	N
E6-5	E6-5-4	2 to 4 ft bls	2/14/2013	5.34 mg/kg	N	34.5 mg/kg	CIDE	1.8 mg/kg	N	24.8 mg/kg	N
E6-6	E6-6-2	0 to 2 ft bls	2/14/2013	1.47 i mg/kg	N	42.2 mg/kg	CIDE	2.38 mg/kg	N	21.5 mg/kg	N
E6-6	E6-6-4	2 to 4 ft bls	2/14/2013	0.802 i mg/kg	N	13.9 mg/kg	CIDE	0.917 mg/kg	N	7.45 mg/kg	N
E6-7	E6-7-2	0 to 2 ft bls	2/13/2013	0.791 i mg/kg	N	23.6 mg/kg	CIDE	4.56 mg/kg	N	26.2 mg/kg	N
E6-7	E6-7-4	2 to 4 ft bls	2/13/2013	0.709 U mg/kg	N	22.1 mg/kg	CIDE	2.6 mg/kg	N	8.48 mg/kg	N
E6-7	E6-7-6	4 to 6 ft bls	2/13/2013	0.709 U mg/kg	N	3.18 mg/kg	RDE	0.636 J-03 mg/kg	N	0.874 mg/kg	N
E7-1	E7-1-2	0 to 2 ft bls	2/14/2013	1.48 i mg/kg	N	125 mg/kg	CIDE	1.18 mg/kg	N	19.4 mg/kg	N
E7-1	E7-1-4	2 to 4 ft bls	2/14/2013	5.43 mg/kg	L	2.46 mg/kg	RDE	0.712 mg/kg	N	4.53 mg/kg	N
E7-2	E7-2-2	0 to 2 ft bls	2/14/2013	3.16 mg/kg	N	39.3 mg/kg	CIDE	0.702 mg/kg	N	5.68 mg/kg	N
E7-2	E7-2-4	2 to 4 ft bls	2/14/2013	2.17 mg/kg	N	39.1 mg/kg	CIDE	0.694 mg/kg	N	17.7 mg/kg	N
E7-3	E7-3-2	0 to 2 ft bls	2/14/2013	1.67 i mg/kg	N	23.4 mg/kg	CIDE	0.707 mg/kg	N	16.8 mg/kg	N
E7-3	E7-3-4	2 to 4 ft bls	2/14/2013	0.709 U mg/kg	N	4.44 mg/kg	RDE	0.484 mg/kg	N	5.17 mg/kg	N
E7-4	E7-4-2	0 to 2 ft bls	2/14/2013	0.709 U mg/kg	N	5.63 mg/kg	RDE5.2	24 mg/kg	N	85.3 mg/kg	RDE
E7-4	E7-4-4	2 to 4 ft bls	2/14/2013	0.709 U mg/kg	N	6.66 mg/kg	RDE5.2	89.3 mg/kg	N	314 mg/kg	RDE
E7-5	E7-5-2	0 to 2 ft bls	2/14/2013	0.709 U mg/kg	N	2.24 mg/kg	RDE	0.988 mg/kg	N	3.85 mg/kg	N
E7-5	E7-5-4	2 to 4 ft bls	2/14/2013	0.746 i mg/kg	N	2.98 mg/kg	RDE	1.76 mg/kg	N	7.73 mg/kg	N
E7-6	E7-6-2	0 to 2 ft bls	2/14/2013	0.721 i mg/kg	N	14.8 mg/kg	CIDE	3.04 mg/kg	N	37.1 mg/kg	N

TABLE F1A METALS RESULTS											
Point id	Sample id	Sample Depth	Sample Date	Antimony	Sb_Exceed	Arsenic	As_Exceed	Nickel	Ni_Exceed	Vanadium	V_Exceed
E7-6	E7-6-4	2 to 4 ft bls	2/14/2013	0.709 U mg/kg	N	11.2 mg/kg	RDE5.2	7.7 mg/kg	N	74.1 mg/kg	RDE
E7-7	E7-7-2	0 to 2 ft bls	2/14/2013	0.709 U mg/kg	N	65.3 mg/kg	CIDE	1.73 mg/kg	N	9.17 mg/kg	N
E7-7	E7-7-4	2 to 4 ft bls	2/14/2013	5.33 mg/kg	N	4.03 mg/kg	RDE	52 mg/kg	N	222 mg/kg	RDE
E7-8	E7-8-2	0 to 2 ft bls	2/14/2013	2.06 i mg/kg	N	4.42 mg/kg	RDE	26.9 mg/kg	N	102 mg/kg	RDE
E7-8	E7-8-4	2 to 4 ft bls	2/14/2013	3.11 mg/kg	N	13.9 mg/kg	CIDE	246 mg/kg	L	831 mg/kg	RDE
E8-1	E8-1-2	0 to 2 ft bls	2/14/2013	0.709 U mg/kg	N	26.5 mg/kg	CIDE	1.00 J-03 mg/kg	N	5.44 mg/kg	N
E8-1	E8-1-4	2 to 4 ft bls	2/14/2013	1.11 i mg/kg	N	3.9 mg/kg	RDE	1.2 mg/kg	N	2.6 mg/kg	N
E8-2	E8-2-2	0 to 2 ft bls	2/14/2013	1.1 i mg/kg	N	78.9 mg/kg	CIDE	0.934 mg/kg	N	6.92 mg/kg	N
E8-2	E8-2-4	2 to 4 ft bls	2/14/2013	0.709 U mg/kg	N	2.88 mg/kg	RDE	0.96 mg/kg	N	2.88 mg/kg	N
E8-2	E8-2-6	4 to 6 ft bls	2/14/2013	1.42 i mg/kg	N	35.1 mg/kg	CIDE	256 mg/kg	L	502 mg/kg	RDE
E8-3	E8-3-2	0 to 2 ft bls	2/14/2013	1.10 i mg/kg	N	117 mg/kg	CIDE	0.996 mg/kg	N	7.07 mg/kg	N
E8-3	E8-3-4	2 to 4 ft bls	2/14/2013	0.739 mg/kg	N	63.5 mg/kg	CIDE	0.897 mg/kg	N	4.38 mg/kg	N
E8-3	E8-3-6	4 to 6 ft bls	2/14/2013	0.709 U mg/kg	N	4.18 mg/kg	RDE	9.4 mg/kg	N	50.8 mg/kg	N
E8-4	E8-4-2	0 to 2 ft bls	2/14/2013	0.709 U mg/kg	N	129 mg/kg	CIDE	1.62 mg/kg	N	7.66 mg/kg	N
E8-4	E8-4-4	2 to 4 ft bls	2/14/2013	0.709 U mg/kg	N	15.6 mg/kg	CIDE	0.999 mg/kg	N	4.22 mg/kg	N
E8-4	E8-4-6	4 to 6 ft bls	2/14/2013	0.709 U mg/kg	N	0.948 mg/kg	N	0.584 J-03 mg/kg	N	11.5 mg/kg	N
E8-5	E8-5-2	0 to 2 ft bls	2/14/2013	0.878 i mg/kg	N	2.63 mg/kg	RDE	1.26 mg/kg	N	4.44 mg/kg	N
E8-5	E8-5-4	2 to 4 ft bls	2/14/2013	1.10 i mg/kg	N	2.74 mg/kg	RDE	0.548 mg/kg	N	3.44 mg/kg	N
E8-5	E8-5-6	4 to 6 ft bls	2/14/2013	0.98 mg/kg	N	1.96 mg/kg	N	0.377 mg/kg	N	3.69 mg/kg	N
E8-6	E8-6-2	0 to 2 ft bls	2/14/2013	0.709 U mg/kg	N	1.69 mg/kg	N	4.56 mg/kg	N	30.1 mg/kg	N
E8-6	E8-6-4	2 to 4 ft bls	2/14/2013	0.709 U mg/kg	N	6.04 mg/kg	RDE5.2	0.993 mg/kg	N	29.1 mg/kg	N
E8-6	E8-6-6	4 to 6 ft bls	2/14/2013	8.85 mg/kg	L	15.1 mg/kg	CIDE	0.392 mg/kg	N	0.313 mg/kg	N
E8-7	E8-7-2	0 to 2 ft bls	2/14/2013	1.89 i mg/kg	N	3.19 mg/kg	RDE	5.52 mg/kg	N	40.2 mg/kg	N
E8-7	E8-7-4	2 to 4 ft bls	2/14/2013	1.01 i mg/kg	N	2.25 mg/kg	RDE	1.31 mg/kg	N	4.39 mg/kg	N
E8-7	E8-7-6	4 to 6 ft bls	2/14/2013	1.19 i mg/kg	N	2.38 mg/kg	RDE	0.556 mg/kg	N	1.03 mg/kg	N
E8-8	E8-8-2	0 to 2 ft bls	2/14/2013	0.713 i mg/kg	N	2.25 mg/kg	RDE	1.1 mg/kg	N	4.39 mg/kg	N
E8-8	E8-8-6	2 to 4 ft bls	2/14/2013	0.709 U mg/kg	N	1.64 mg/kg	N	0.491 mg/kg	N	0.9 mg/kg	N
E8-8	E8-8-4	4 to 6 ft bls	2/14/2013	0.802 i mg/kg	N	1.67 mg/kg	N	0.668 mg/kg	N	2.61 mg/kg	N
E9-1	E9-1-2	0 to 2 ft bls	2/13/2013	1.38 i mg/kg	N	17.4 mg/kg	CIDE	1.84 mg/kg	N	10.2 mg/kg	N
E9-1	E9-1-8	6 to 8 ft bls	2/13/2013	1.68 i mg/kg	N	8.62 mg/kg	RDE5.2	3.51 mg/kg	N	0.28 mg/kg	N
E9-2	E9-2-2	0 to 2 ft bls	2/13/2013	6.37 mg/kg	L	2.46 mg/kg	RDE	0.95 mg/kg	N	3.97 mg/kg	N
E9-2	E9-2-7	6 to 8 ft bls	2/13/2013	3.9 mg/kg	N	6.56 mg/kg	RDE5.2	0.415 mg/kg	N	0.166 mg/kg	N
E9-3	E9-3-1	0 to 2 ft bls	2/13/2013	1.37 i mg/kg	N	14.9 mg/kg	CIDE	1.37 mg/kg	N	4.92 mg/kg	N
E9-3	E9-3-6	4 to 6 ft bls	2/13/2013	2.12 i mg/kg	N	7.78 mg/kg	RDE5.2	0.707 mg/kg	N	0.303 mg/kg	N
E9-4	E9-4-1	0 to 2 ft bls	2/13/2013	0.709 U mg/kg	N	1.7 mg/kg	N	1.22 mg/kg	N	6.83 mg/kg	N
E9-4	E9-4-3	2 to 4 ft bls	2/13/2013	3.62 mg/kg	N	2.45 mg/kg	RDE	2.29 mg/kg	N	6.39 mg/kg	N
F10-1	F10-1-2	0 to 2 ft bls	2/13/2013	3.92 mg/kg	N	2.76 mg/kg	RDE	0.993 mg/kg	N	23.5 mg/kg	N
F1-1	F1-1-2	0 to 2 ft bls	2/14/2013	0.709 U mg/kg	N	0.689 mg/kg	N	0.394 mg/kg	N	3.74 mg/kg	N
F11-1	F11-1-2	0 to 2 ft bls	2/13/2013	1.80 i mg/kg	N	1.41 mg/kg	N	1.01 mg/kg	N	3.94 mg/kg	N
F2-1	F2-1-2	0 to 2 ft bls	2/14/2013	2.00 i mg/kg	N	2.4 mg/kg	RDE	6.29 mg/kg	N	23.6 mg/kg	N
F2-1	F2-1-4	2 to 4 ft bls	2/14/2013	0.742 i mg/kg	N	1.59 mg/kg	N	1.96 mg/kg	N	5.14 mg/kg	N
F2-2	F2-2-2	0 to 2 ft bls	2/14/2013	0.709 U mg/kg	N	0.651 mg/kg	N	0.3 mg/kg	N	0.451 mg/kg	N
F2-2	F2-2-4	2 to 4 ft bls	2/14/2013	0.709 U mg/kg	N	0.383 mg/kg	N	0.274 J-03 mg/kg	N	0.383 mg/kg	N
F2-3	F2-3-2	0 to 2 ft bls	2/14/2013	1.05 i mg/kg	N	1.95 mg/kg	N	0.475 mg/kg	N	1.53 mg/kg	N

TABLE F1A METALS RESULTS											
Point id	Sample id	Sample Depth	Sample Date	Antimony	Sb_Exceed	Arsenic	As_Exceed	Nickel	Ni_Exceed	Vanadium	V_Exceed
F2-3	F2-3-4	2 to 4 ft bls	2/14/2013	1.11 i mg/kg	N	2.17 mg/kg	RDE	2.67 mg/kg	N	4.52 mg/kg	N
F2-4	F2-4-2	0 to 2 ft bls	2/14/2013	4.24 mg/kg	N	1.16 mg/kg	N	1.25 mg/kg	N	1.98 mg/kg	N
F2-4	F2-4-4	2 to 4 ft bls	2/14/2013	2.76 mg/kg	N	2.87 mg/kg	RDE	4.05 mg/kg	N	8.32 mg/kg	N
F3-1	F3-1-3	2 to 4 ft bls	2/14/2013	0.709 U mg/kg	N	1.48 mg/kg	N	0.808 mg/kg	N	1.21 mg/kg	N
F4-1	F4-1-2	0 to 2 ft bls	2/13/2013	0.709 U mg/kg	N	1.98 mg/kg	N	0.748 mg/kg	N	7.53 mg/kg	N
F5-1	F5-1-2	0 to 2 ft bls	2/14/2013	0.709 U mg/kg	N	1.11 mg/kg	N	1.59 mg/kg	N	5.65 mg/kg	N
F6-1	F6-1-2	0 to 2 ft bls	2/14/2013	0.851 i mg/kg	N	3.78 mg/kg	RDE	0.585 mg/kg	N	1.76 mg/kg	N
F6-1S	F6-1S	0 to 2 ft bls	9/25/2013			1.27 mg/kg	N				
F7-1	F7-1-2	0 to 2 ft bls	2/14/2013	0.709 U mg/kg	N	3.28 mg/kg	RDE	0.833 mg/kg	N	3 mg/kg	N
F7-1S	F7-1S	0 to 2 ft bls	9/25/2013			1.55 mg/kg	N				
F8-1	F8-1-2	0 to 2 ft bls	2/14/2013	0.709 U mg/kg	N	2.74 mg/kg	RDE	0.767 mg/kg	N	2.8 mg/kg	N
F8-1S	F8-1S	0 to 2 ft bls	9/25/2013			2.34 mg/kg	RDE				
F9-1	F9-1-2	0 to 2 ft bls	2/13/2013	2.63 mg/kg	N	3.7 mg/kg	RDE	0.941 mg/kg	N	2.95 mg/kg	N
G1-1	G1-1-2	0 to 2 ft bls	2/14/2013	0.812 i mg/kg	N	1.72 mg/kg	N	2.28 mg/kg	N	5.17 mg/kg	N
G2-1	G2-1-2	0 to 2 ft bls	2/14/2013	0.709 U mg/kg	N	1.62 mg/kg	N	0.679 mg/kg	N	1.25 mg/kg	N
G3-1	G3-1-2	0 to 2 ft bls	2/14/2013	0.709 U mg/kg	N	5.72 mg/kg	RDE5.2	0.715 mg/kg	N	1.61 mg/kg	N
G3-1/G3-1R	G3-1R-4	2 to 4 feet bls	6/26/2014			26.3 mg/kg	CIDE				
G3-1/G3-1R	G3-1R-5	4 to 6 feet bls	6/26/2014			1.9 mg/kg	N				
G3-1S	G3-1S	0 to 2 ft bls	9/25/2013			3.79 mg/kg	RDE				
G4-1	G4-1-2	0 to 2 ft bls	2/14/2013	0.709 U mg/kg	N	2.66 mg/kg	RDE	0.456 mg/kg	N	0.532 mg/kg	N
G4-1S	G4-1S	0 to 2 ft bls	9/25/2013			2.85 mg/kg	RDE				
G8-1	G8-1-2	0 to 2 ft bls	2/14/2013	0.790 i mg/kg	N	3.27 mg/kg	RDE	0.959 mg/kg	N	2.82 mg/kg	N
G8-1S	G8-1S	0 to 2 ft bls	9/25/2013			2.06 mg/kg	N				
PB-1	PB-1	10 to 12 ft bls	1/17/2014	0.040i mg/kg	N	1.4 mg/kg	N	3.1 mg/kg	N	1.3 mg/kg	N
PB-2	PB-2	10 to 12 ft bls	1/17/2014	0.056i mg/kg	N	1.2 mg/kg	N	2.1 mg/kg	N	4.6 mg/kg	N
PB-3	PB-3	10 to 12 ft bls	1/17/2014	0.032U mg/kg	N	0.8 mg/kg	N	0.94 mg/kg	N	3.6 mg/kg	N
SB001	SB001-0.5	0 to 0.5 feet bls	6/26/2014			5.1 mg/kg	RDE	6.1 mg/kg	N	22.5 mg/kg	N
SB001	SB001-02	0.5 to 2 feet bls	6/26/2014			0.68 mg/gk	N	1.0 mg/kg	N	5.1 mg/kg	N
SB001	SB001-04	2 to 4 feet bls	6/26/2014			0.31 U mg/kg	N	0.77 U mg/kg	N	1.6i mg/kg	N
SB001	SB001-06	4 to 6 feet bls	6/26/2014			0.29 U mg/kg	N	0.72 U mg/kg	N	1.4 U mg/kg	N
SB002	SB002-0.5	0 to 0.5 feet bls	6/26/2014			3.5 mg/kg	RDE	6.5 mg/kg	N	26.4 mg/kg	N
SB002	SB002-02	0.5 to 2 feet bls	6/26/2014			2.6 mg/kg	RDE	2.6 mg/kg	N	12 mg/kg	N
SB002	SB002-04	2 to 4 feet bls	6/26/2014			1.6 U mg/kg	N	0.96i mg/kg	N	2.5i mg/kg	N
SB002	SB002-06	4 to 6 feet bls	6/26/2014			0.30 U mg/kg	N	0.75 U mg/kg	N	3.1 mg/kg	N
SB003	SB003-0.5	0 to 0.5 feet bls	6/26/2014			22.5 mg/kg	CIDE	60.1 mg/kg	N	183 mg/kg	RDE
SB003	SB003-02	0.5 to 2 feet bls	6/26/2014			17.3 mg/kg	CIDE	20.5 mg/kg	N	55.4 mg/kg	N
SB003	SB003-04	2 to 4 feet bls	6/26/2014			51.3 mg/kg	CIDE	3.0 mg/kg	N	58.4 mg/kg	N
SB004	SB004-0.5	0 to 0.5 feet bls	6/26/2014			2.1 mg/kg	N	5.2 mg/kg	N	21.2 mg/kg	N
SB004	SB004-02	0.5 to 2 feet bls	6/26/2014			3.9 mg/kg	RDE	2.9 mg/kg	N	31.8 mg/kg	N
SB004	SB004-04	2 to 4 feet bls	6/26/2014			0.40 U mg/kg	N	0.84 mg/kg	N	9.2 mg/kg	N
SB004	SB004-06	4 to 6 feet bls	6/26/2014			4.2 mg/kg	RDE	4.6 mg/kg	N	498 mg/kg	RDE
SB005	SB005-0.5	0 to 0.5 feet bls	6/26/2014			3.7 mg/kg	RDE	38.9 mg/kg	N	149 mg/kg	RDE
SB005	SB005-02	0.5 to 2 feet bls	6/26/2014			4.7 mg/kg	RDE	1.8 mg/kg	N	42.4 mg/kg	N
SB005	SB005-04	2 to 4 feet bls	6/26/2014			7.5 mg/kg	RDE5.2	1.1 U mg/kg	N	2.4i mg/kg	N

TABLE F1A METALS RESULTS											
Point id	Sample id	Sample Depth	Sample Date	Antimony	Sb_Exceed	Arsenic	As_Exceed	Nickel	Ni_Exceed	Vanadium	V_Exceed
SB005	SB005-06	4 to 6 feet bls	6/26/2014			17 mg/kg	CIDE	4.3 mg/kg	N	21.4 mg/kg	N
SB006	SB006-0.5	0 to 0.5 feet bls	6/26/2014			4.7 mg/kg	RDE	5.3 mg/kg	N	33.2 mg/kg	N
SB006	SB006-02	0.5 to 2 feet bls	6/26/2014			3.2 mg/kg	RDE	3.2 mg/kg	N	19.3 mg/kg	N
SB006	SB006-04	2 to 4 feet bls	6/26/2014			5 mg/kg	RDE	1.0i mg/kg	N	1.9 U mg/kg	N
SB006	SB006-06	4 to 6 feet bls	6/26/2014			15.6 mg/kg	CIDE	9.9 mg/kg	N	17.7 mg/kg	N
SB007	SB007-0.5	0 to 0.5 feet bls	6/26/2014	0.49 U mg/kg	N					26.5 mg/kg	N
SB007	SB007-02	0.5 to 2 feet bls	6/26/2014	0.47 U mg/kg	N					7.6 mg/kg	N
SB007	SB007-04	2 to 4 feet bls	6/26/2014	0.61 U mg/kg	N					2.0 U	N
SB007	SB007-06	4 to 6 feet bls	6/26/2014	0.87 U mg/kg	N					1.1i mg/kg	N
SB008	SB008-0.5	0 to 0.5 feet bls	6/26/2014	0.52 U mg/kg	N						
SB008	SB008-02	0.5 to 2 feet bls	6/26/2014	0.58 U mg/kg	N						
SB008	SB008-04	2 to 4 feet bls	6/26/2014	0.58 U mg/kg	N						
SB008	SB008-06	4 to 6 feet bls	6/26/2014	0.75 U mg/kg	N						
SB009	SB009-0.5	0 to 0.5 feet bls	6/26/2014	0.44 U mg/kg	N						
SB009	SB009-02	0.5 to 2 feet bls	6/26/2014	0.50 U mg/kg	N						
SB009	SB009-04	2 to 4 feet bls	6/26/2014	0.76 U mg/kg	N						
SB010	SB010-0.5	0 to 0.5 feet bls	6/26/2014	0.54 U mg/kg	N						
SB010	SB010-02	0.5 to 2 feet bls	6/26/2014	0.44 U mg/kg	N						
SB012	SB012-0.5	0 to 0.5 feet bls	6/26/2014	0.43 U mg/kg	N						
SB012	SB012-02	0.5 to 2 feet bls	6/26/2014	0.45 U mg/kg	N						
SB012	SB012-04	2 to 4 feet bls	6/26/2014	0.42 U mg/kg	N						
SB012	SB012-06	4 to 6 feet bls	6/26/2014	0.65 U mg/kg	N						
SB016	SB016-0.5	0 to 0.5 feet bls	6/26/2014	0.42 U mg/kg	N						
SB016	SB016-02	0.5 to 2 feet bls	6/26/2014	0.42 U mg/kg	N						
SB016	SB016-04	2 to 4 feet bls	6/26/2014	0.41 U mg/kg	N						
SB016	SB016-06	4 to 6 feet bls	6/26/2014	0.48 U mg/kg	N						
SB016	SB016-08	6 to 8 feet bls	6/26/2014	0.45i mg/kg	N						
SB017	SB017-0.5	0 to 0.5 feet bls	6/26/2014	0.39 U mg/kg	N						
SB017	SB017-02	0.5 to 2 feet bls	6/26/2014	0.59i mg/kg	N						
SB017	SB017-04	2 to 4 feet bls	6/26/2014	0.53i mg/kg	N						
SB017	SB017-06	4 to 6 feet bls	6/26/2014	0.34 U mg/kg	N						
SB017	SB017-08	6 to 8 feet bls	6/26/2014	1.5 mg/kg	N						
SB018	SB018-0.5	0 to 0.5 feet bls	7/16/2014							5 mg/kg	N
SB018	SB018-02	0.5 to 2 feet bls	7/16/2014							13 mg/kg	N
SB019	SB019-06	4 to 6 feet bls	7/16/2014							0.71 mg/kg	N
SB020	SB020-0.5	0 to 0.5 feet bls	7/16/2014							85 mg/kg	RDE
SB020	SB020-02	0.5 to 2 feet bls	7/16/2014							9.8 mg/kg	N
SP001	SP001-2	0 to 2 ft bls	12/4/2014			3.9 mg/kg	RDE				
SP001	SP001-4	2 to 4 ft bls	12/4/2014			2.4 mg/kg	RDE				
SP001	SP001-5	4 to 5 ft bls	12/4/2014			4.3 mg/kg	RDE				
SP002	SP002-2	0 to 2 ft bls	12/4/2014			1.3 mg/kg	N				
SP002	SP002-4	2 to 4 ft bls	12/4/2014			1.9 mg/kg	N				
SP002	SP002-6	4 to 6 ft bls	12/4/2014			25 mg/kg	CIDE				
SP003	SP003-2	0 to 2 ft bls	12/4/2014			1.8 mg/kg	N				

TABLE F1A METALS RESULTS											
Point id	Sample id	Sample Depth	Sample Date	Antimony	Sb_Exceed	Arsenic	As_Exceed	Nickel	Ni_Exceed	Vanadium	V_Exceed
SP003	SP003-4	2 to 4 ft bls	12/4/2014			3.6 mg/kg	RDE				
SP003	SP003-6	4 to 6 ft bls	12/4/2014			2.5 mg/kg	RDE			5.7 mg/kg	N
SP004	SP004-2	0 to 2 ft bls	12/4/2014			14 mg/kg	CIDE				
SP004	SP004-4	2 to 4 ft bls	12/4/2014			2.3 mg/kg	RDE				
SP004	SP004-6	4 to 6 ft bls	12/4/2014			4.2 mg/kg	RDE				
SP005	SP005-2	0 to 2 ft bls	12/4/2014			5 mg/kg	RDE				
SP005	SP005-4	2 to 4 ft bls	12/4/2014			6.8 mg/kg	RDE5.2			14 mg/kg	N
SP005	SP005-6	4 to 6 ft bls	12/4/2014			4.9 mg/kg	RDE				
SP006	SP006-2	0 to 2 ft bls	12/4/2014			4.2 mg/kg	RDE				
SP006	SP006-4	2 to 4 ft bls	12/4/2014			1.8 mg/kg	N				
SP006	SP006-6	4 to 6 ft bls	12/4/2014			1.2 mg/kg	N				
SP007	SP007-2	0 to 2 ft bls	12/4/2014			4.2 mg/kg	RDE				
SP007	SP007-4	2 to 4 ft bls	12/4/2014			1.6 mg/kg	N				
SP007	SP007-6	4 to 6 ft bls	12/4/2014			1.3 mg/kg	N				
SP008	SP008-2	0 to 2 ft bls	12/4/2014			3.5 mg/kg	RDE			100 mg/kg	RDE
SP008	SP008-4	2 to 4 ft bls	12/4/2014			2.2 mg/kg	RDE				
SP008	SP008-6	4 to 6 ft bls	12/4/2014			1.2 mg/kg	N				
SP009	SP009-2	0 to 2 ft bls	12/4/2014			1.6 mg/kg	N				
SP009	SP009-4	2 to 4 ft bls	12/4/2014			2.9 mg/kg	RDE				
SP009	SP009-6	4 to 6 ft bls	12/4/2014			2 mg/kg	N				
SP010	SP010-2	0 to 2 ft bls	12/4/2014			2.9 mg/kg	RDE				
SP010	SP010-4	2 to 4 ft bls	12/4/2014			1.9 mg/kg	N				
SP010	SP010-6	4 to 6 ft bls	12/4/2014			1.5 mg/kg	N				
SP011	SP011-2	0 to 2 ft bls	12/4/2014			9 mg/kg	RDE5.2				
SP011	SP011-4	2 to 4 ft bls	12/4/2014			4.6 mg/kg	RDE				
SP011	SP011-6	4 to 6 ft bls	12/4/2014			4.4 mg/kg	RDE				
SP012	SP012-2	0 to 2 ft bls	12/4/2014			1.9 mg/kg	N				
SP012	SP012-4	2 to 4 ft bls	12/4/2014			0.99 mg/kg	N				
SP012	SP012-6	4 to 6 ft bls	12/4/2014			0.89 mg/kg	N				
SP012	SP012-8	6 to 8 ft bls	12/4/2014			0.47i mg/kg	N				
SS-1	SS-1	0 to 2 ft bls	9/25/2013			4.48 mg/kg	RDE				
SS-2	SS-2	0 to 2 ft bls	9/25/2013			11.6 mg/kg	RDE5.2				
SS-3	SS-3	0 to 2 ft bls	9/25/2013			5.07 mg/kg	RDE				
SS-4	SS-4	0 to 2 ft bls	9/25/2013			5.56 mg/kg	RDE5.2				
SS-5	SS-5	0 to 2 ft bls	9/25/2013			1.63 mg/kg	N				
WP001	WP001-0.5	0 to 0.5 feet bls	6/26/2014			20.3 mg/kg	CIDE				
WP001	WP001-02	0.5 to 2 feet bls	6/26/2014			39.8 mg/kg	CIDE				
WP001	WP001-04	2 to 4 feet bls	6/26/2014			26.6 mg/kg	CIDE				
WP001	WP001-05	4 to 6 feet bls	6/26/2014			7.8 mg/kg	RDE5.2				
WP002	WP002-0.5	0 to 0.5 feet bls	6/26/2014			10.3 mg/kg	RDE5.2				
WP002	WP002-02	0.5 to 2 feet bls	6/26/2014			5.8 mg/kg	RDE5.2				
WP002	WP002-04	2 to 4 feet bls	6/26/2014			4.3 mg/kg	RDE				
WP002	WP002-05	4 to 6 feet bls	6/26/2014			4.2 mg/kg	RDE				
WP003	WP003-0.5	0 to 0.5 feet bls	6/26/2014			12.7 mg/kg	CIDE				

TABLE F1A METALS RESULTS											
Point id	Sample id	Sample Depth	Sample Date	Antimony	Sb_Exceed	Arsenic	As_Exceed	Nickel	Ni_Exceed	Vanadium	V_Exceed
WP003	WP003-2	0 to 2 feet bls	6/26/2014			2.1i mg/kg	N				
WP003	WP003-4	2 to 4 feet bls	6/26/2014			5.3 mg/kg	RDE5.2				
WP003	WP003-5	4 to 6 feet bls	6/26/2014			3.7 mg/kg	RDE				
WP004	WP004-0.5	0 to 0.5 feet bls	6/26/2014			8.2 mg/kg	RDE5.2				
WP004	WP004-2	0 to 2 feet bls	6/26/2014			3.3 mg/kg	RDE				
WP004	WP004-4	2 to 4 feet bls	6/26/2014			19.7 mg/kg	CIDE				
WP004	WP004-5	4 to 6 feet bls	6/26/2014			17.5 mg/kg	CIDE				
WP005	WP005-0.5	0 to 0.5 feet bls	6/26/2014			20 mg/kg	CIDE				
WP005	WP005-02	0.5 to 2 feet bls	6/26/2014			16.8 mg/kg	CIDE				
WP005	WP005-04	2 to 4 feet bls	6/26/2014			1.3 mg/kg	N				
WP005	WP005-06	4 to 6 feet bls	6/26/2014			1.6 mg/kg	N				
WP006	WP006-0.5	0 to 0.5 feet bls	6/26/2014			42.6 mg/kg	CIDE				
WP006	WP006-02	0.5 to 2 feet bls	6/26/2014			86.1 mg/kg	CIDE				
WP006	WP006-04	2 to 4 feet bls	6/26/2014			3.6 mg/kg	RDE				
WP006	WP006-06	4 to 6 feet bls	6/26/2014			8.5 mg/kg	RDE5.2				
WP007	WP007-0.5	0 to 0.5 feet bls	6/26/2014			2.4 mg/kg	RDE				
WP007	WP007-02	0.5 to 2 feet bls	6/26/2014			2.7 mg/kg	RDE				
WP007	WP007-04	2 to 4 feet bls	6/26/2014			1.3 mg/kg	N				
WP007	WP007-06	4 to 6 feet bls	6/26/2014			4.6 mg/kg	RDE				
WP008	WP008-0.5	0 to 0.5 feet bls	6/26/2014			25.8 mg/kg	CIDE				
WP008	WP008-02	0.5 to 2 feet bls	6/26/2014			4.9 mg/kg	RDE				
WP008	WP008-04	2 to 4 feet bls	6/26/2014			1.8 mg/kg	N				
WP008	WP008-06	4 to 6 feet bls	6/26/2014			0.30 U mg/kg	N				
WP017	WP017-0.5	0 to 0.5 feet bls	6/26/2014			10.3 mg/kg	RDE5.2				
WP017	WP017-02	0.5 to 2 feet bls	6/26/2014			16.6 mg/kg	CIDE				
WP017	WP017-04	2 to 4 feet bls	6/26/2014			12.4 mg/kg	CIDE				
WP017	WP017-06	4 to 6 feet bls	6/26/2014			1.1 mg/kg	N				
WP017	WP017-08	6 to 8 feet bls	6/26/2014			0.30 U mg/kg	N				
WP018	WP018-0.5	0 to 0.5 feet bls	6/26/2014			13.5 mg/kg	CIDE				
WP018	WP018-02	0.5 to 2 feet bls	6/26/2014			14.5 mg/kg	CIDE				
WP018	WP018-04	2 to 4 feet bls	6/26/2014			3.7 mg/kg	RDE				
WP018	WP018-06	4 to 6 feet bls	6/26/2014			0.54i mg/kg	N				
WP018	WP018-08	6 to 8 feet bls	6/26/2014			0.29 U mg/kg	N				
WP019	WP019-0.5	0 to 0.5 feet bls	6/26/2014			10.8 mg/kg	RDE5.2				
WP019	WP019-02	0.5 to 2 feet bls	6/26/2014			7.6 mg/kg	RDE5.2				
WP019	WP019-04	2 to 4 feet bls	6/26/2014			1.5 mg/kg	N				
WP019	WP019-06	4 to 6 feet bls	6/26/2014			6.1 mg/kg	RDE5.2				
WP019	WP019-08	6 to 8 feet bls	6/26/2014			3.3 mg/kg	RDE				
WP020	WP020-0.5	0 to 0.5 feet bls	6/26/2014			123 mg/kg	CIDE				
WP020	WP020-02	0.5 to 2 feet bls	6/26/2014			42.1 mg/kg	CIDE				
WP020	WP020-04	2 to 4 feet bls	6/26/2014			14.6 mg/kg	CIDE				
WP020	WP020-06	4 to 6 feet bls	6/26/2014			1.7 mg/kg	N				
WP020	WP020-08	6 to 8 feet bls	6/26/2014			4.6 mg/kg	RDE				
WP021	WP021-0.5	0 to 0.5 feet bls	6/26/2014			3.5 mg/kg	RDE			46.9 mg/kg	N

TABLE F1A METALS RESULTS											
Point id	Sample id	Sample Depth	Sample Date	Antimony	Sb_Exceed	Arsenic	As_Exceed	Nickel	Ni_Exceed	Vanadium	V_Exceed
WP021	WP021-02	0.5 to 2 feet bls	6/26/2014			3.1 mg/kg	RDE			83.7 mg/kg	RDE
WP021	WP021-04	2 to 4 feet bls	6/26/2014			0.29 U mg/kg	N			1.2 mg/kg	N
WP021	WP021-06	4 to 6 feet bls	6/26/2014			0.29 U mg/kg	N			1.5 U	N
WP021	WP021-08	6 to 8 feet bls	6/26/2014			0.30 U mg/kg	N			1.8i mg/kg	N
WP021	WP021-10	8 to 10 feet bls	6/26/2014			0.31 U mg/kg	N			2.5i	N
WP022	WP022-0.5	0 to 0.5 feet bls	6/26/2014			8.6 mg/kg	RDE5.2			53.3 mg/kg	N
WP022	WP022-02	0.5 to 2 feet bls	6/26/2014			9.6 mg/kg	RDE5.2			52.1 mg/kg	N
WP022	WP022-04	2 to 4 feet bls	6/26/2014			0.96 mg/kg	N			6.5 mg/kg	N
WP022	WP022-06	4 to 6 feet bls	6/26/2014			1 mg/kg	N			8.7 mg/kg	N
WP022	WP022-08	6 to 8 feet bls	6/26/2014			1.5 mg/kg	N			15.3 mg/kg	N
WP022	WP022-10	8 to 10 feet bls	6/26/2014			0.72 mg/kg	N			7.1 mg/kg	N
WP023	WP023-0.5	0 to 0.5 feet bls	6/26/2014			7.5 mg/kg	RDE5.2			33.7 mg/kg	N
WP023	WP023-02	0.5 to 2 feet bls	6/26/2014			0.31i mg/kg	N			1.9 mg/kg	N
WP023	WP023-04	2 to 4 feet bls	6/26/2014			2.9i mg/kg	RDE			19.9 mg/kg	N
WP023	WP023-06	4 to 6 feet bls	6/26/2014			1.8 mg/kg	N			7.5 mg/kg	N
WP023	WP023-08	6 to 8 feet bls	6/26/2014			1.3 mg/kg	N			5.6 mg/kg	N
WP023	WP023-10	8 to 10 feet bls	6/26/2014			0.30 U mg/kg	N			2.1i mg/kg	N
WP024	WP024-0.5	0 to 0.5 feet bls	6/26/2014			12.6 mg/kg	CIDE			19.8 mg/kg	N
WP024	WP024-02	0.5 to 2 feet bls	6/26/2014			22.9 mg/kg	CIDE			6.1 mg/kg	N
WP024	WP024-04	2 to 4 feet bls	6/26/2014			1.2 mg/kg	N			1.5 mg/kg	N
WP024	WP024-06	4 to 6 feet bls	6/26/2014			2.1 mg/kg	N			5.6 mg/kg	N
WP024	WP024-10	8 to 10 feet bls	6/26/2014			0.31 U mg/kg	N			1.5 U	N
WP029	WP029-0.5	0 to 0.5 feet bls	6/26/2014	2.1 U mg/kg	N	21.2 mg/kg	CIDE				
WP029	WP029-02	0.5 to 2 feet bls	6/26/2014	0.45 U mg/kg	N	49.5 mg/kg	CIDE				
WP029	WP029-04	2 to 4 feet bls	6/26/2014	0.51i mg/kg	N	14.7 mg/kg	CIDE				
WP029	WP029-06	4 to 6 feet bls	6/26/2014	0.43 U mg/kg	N	1.7 mg/kg	N				
WP029	WP029-08	6 to 8 feet bls	6/26/2014	0.45 U mg/kg	N	1.5 mg/kg	N				
WP029	WP029-10	8 to 10 feet bls	6/26/2014	0.46 U mg/kg	N	1.5 U mg/kg	N				
WP030	WP030-0.5	0 to 0.5 feet bls	6/26/2014	0.43 U mg/kg	N	11.4 mg/kg	RDE5.2				
WP030	WP030-02	0.5 to 2 feet bls	6/26/2014			4 mg/kg	RDE				
WP030	WP030-04	2 to 4 feet bls	6/26/2014			19.9 mg/kg	CIDE				
WP030	WP030-06	4 to 6 feet bls	6/26/2014			1.4 U mg/kg	N				
WP030	WP030-08	6 to 8 feet bls	6/26/2014			19.9 mg/kg	CIDE				
WP031	WP031-0.5	0 to 0.5 feet bls	6/26/2014			1.4 U mg/kg	N				
WP031	WP031-02	0.5 to 2 feet bls	6/26/2014			1.4 U mg/kg	N				
WP031	WP031-04	2 to 4 feet bls	6/26/2014			3.2 mg/kg	RDE				
WP031	WP031-6	4 to 6 feet bls	6/26/2014			1.4 U mg/kg	N				
WP031	WP031-08	6 to 8 feet bls	6/26/2014			1.6 mg/kg	N				
WP032	WP032-0.5	0 to 0.5 feet bls	6/26/2014			1.9i mg/kg	N				
WP032	WP032-02	0.5 to 2 feet bls	6/26/2014			1.9i mg/kg	N				
WP032	WP032-04	2 to 4 feet bls	6/26/2014			5 mg/kg	RDE				
WP032	WP032-06	4 to 6 feet bls	6/26/2014			3.8 mg/kg	RDE				
WP032	WP032-08	6 to 8 feet bls	6/26/2014			1.4 U mg/kg	N				
WP033	WP033-0.5	0 to 0.5 feet bls	6/26/2014			4.3 mg/kg	RDE				

TABLE F1A METALS RESULTS											
Point id	Sample id	Sample Depth	Sample Date	Antimony	Sb_Exceed	Arsenic	As_Exceed	Nickel	Ni_Exceed	Vanadium	V_Exceed
WP033	WP033-02	0.5 to 2 feet bls	6/26/2014			1.4 U mg/kg	N				
WP033	WP033-04	2 to 4 feet bls	6/26/2014			19.4 mg/kg	CIDE				
WP033	WP033-06	4 to 6 feet bls	6/26/2014			26.8 mg/kg	CIDE				
WP033	WP033-08	6 to 8 feet bls	6/26/2014			26.5 mg/kg	CIDE				
WP035	WP035-0.5	0 to 0.5 feet bls	7/16/2014			6.1 mg/kg	RDE5.2				
WP035	WP035-02	0.5 to 2 feet bls	7/16/2014			2.1 mg/kg	N				
WP035	WP035-04	2 to 4 feet bls	7/16/2014			4.4 mg/kg	RDE				
WP035	WP035-05	4 to 5 feet bls	7/16/2014			0.13i mg/kg	N				
WP036	WP036-0.5	0 to 0.5 feet bls	7/16/2014			2.7 mg/kg	RDE				
WP036	WP036-02	0.5 to 2 feet bls	7/16/2014			3.3 mg/kg	RDE				
WP036	WP036-04	2 to 4 feet bls	7/16/2014			3.1 mg/kg	RDE				
WP036	WP036-06	4 to 6 feet bls	7/16/2014			7 mg/kg	RDE5.2				
WP037	WP037-0.5	0 to 0.5 feet bls	7/16/2014			9.1 mg/kg	RDE5.2				
WP037	WP037-02	0.5 to 2 feet bls	7/16/2014			12 mg/kg	RDE5.2				
WP037	WP037-04	2 to 4 feet bls	7/16/2014			12 mg/kg	RDE5.2				
WP037	WP037-05	4 to 5 feet bls	7/16/2014			16 mg/kg	CIDE				
WP038	WP038-0.5	0 to 0.5 feet bls	7/16/2014			17 mg/kg	CIDE				
WP038	WP038-02	0.5 to 2 feet bls	7/16/2014			71 mg/kg	CIDE				
WP038	WP038-04	2 to 4 feet bls	7/16/2014			19 mg/kg	CIDE				
WP038	WP038-05	4 to 5 feet bls	7/16/2014			6.2 mg/kg	RDE5.2				
WP-EXA-10-02	WP-EXA-10-02	0.5 to 2 feet bls	8/1/2014			2.3 mg/kg	RDE				
WP-EXA-1-02	WP-EXA-1-02	0.5 to 2 feet bls	8/1/2014			4.3 mg/kg	RDE				
WP-EXA-2-02	WP-EXA-2-02	0.5 to 2 feet bls	8/1/2014			9.8 mg/kg	RDE5.2				
WP-EXA-3-02	WP-EXA-3-02	0.5 to 2 feet bls	8/1/2014			6.8 mg/kg	RDE5.2				
WP-EXA-4-02	WP-EXA-4-02	0.5 to 2 feet bls	8/1/2014			1.1 mg/kg	N				
WP-EXA-5-02	WP-EXA-5-02	0.5 to 2 feet bls	8/1/2014			4.2 mg/kg	RDE				
WP-EXA-6-02	WP-EXA-6-02	0.5 to 2 feet bls	8/1/2014			4 mg/kg	RDE				
WP-EXA-7-02	WP-EXA-7-02	0.5 to 2 feet bls	8/1/2014			3.1 mg/kg	RDE				
WP-EXA-8-02	WP-EXA-8-02	0.5 to 2 feet bls	8/1/2014			0.64 mg/kg	N				
WP-EXA-9-02	WP-EXA-9-02	0.5 to 2 feet bls	8/1/2014			1.8 mg/kg	N				
WP-EXB-01-02	WP-EXB-01-02	0.5 to 2 feet bls	8/1/2014			15 mg/kg	CIDE				
WP-EXB-02-02	WP-EXB-02-02	0.5 to 2 feet bls	8/1/2014			26 mg/kg	CIDE				
WP-EXB-03-02	WP-EXB-03-02	0.5 to 2 feet bls	8/1/2014			16 mg/kg	CIDE				
WP-EXB-04-02	WP-EXB-04-02	0.5 to 2 feet bls	8/1/2014			11 mg/kg	RDE5.2				
WP-EXB-05-02	WP-EXB-05-02	0.5 to 2 feet bls	8/1/2014			1.3 mg/kg	N				
WP-EXB-06-02	WP-EXB-06-02	0.5 to 2 feet bls	8/1/2014			3.2 mg/kg	RDE				
WP-EXB-07-02	WP-EXB-07-02	0.5 to 2 feet bls	8/1/2014			66 mg/kg	CIDE				
WP-EXB-08-02	WP-EXB-08-02	0.5 to 2 feet bls	8/1/2014			19 mg/kg	CIDE				
WP-EXB-09-02	WP-EXB-09-02	0.5 to 2 feet bls	8/1/2014			4 mg/kg	RDE				
WP-EXB-10-02	WP-EXB-10-02	0.5 to 2 feet bls	8/1/2014			17 mg/kg	CIDE				
WP-EXB-11-02	WP-EXB-11-02	0.5 to 2 feet bls	8/1/2014			10 mg/kg	RDE5.2				
WP-EXB-12-02	WP-EXB-12-02	0.5 to 2 feet bls	8/1/2014			9.2 mg/kg	RDE5.2				
WP-EXB-13-02	WP-EXB-13-02	0.5 to 2 feet bls	8/1/2014			14 mg/kg	CIDE				

TABLE F1B PAH RESULTS																	
Point ID	Sample Id	Sample Depth	Sample Date	Acenaphthene	Acenap_Exceed	Benzo (a) anthracene	BAA_Exceed	Benzo (a) pyrene	BAP_Exceed	Benzo (b) fluoranthene	BBF_Exceed	Dibenz (a,h) anthracene	Dibenz_Exceed	Indeno(1,2,3-cd)pyrene	Indeno_Exceed	Benzo(a)pyrene equivalents	BAPEQ_Exceed
AB-1	AB-1-2	0 to 2 ft bls	2/15/2013	0.000321 U mg/kg	N	0.0069 mg/kg	N	0.00024 U mg/kg	N	0.00513 mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	0.0 mg/kg	N
AB-1	AB-1-4	2 to 4 feet bls	2/15/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
AB-1	AB-1-6	4 to 6 feet bls	2/15/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
AB-2	AB-2-2	0 to 2 ft bls	2/15/2013	0.000321 U mg/kg	N	0.00688 mg/kg	N	0.00736 mg/kg	N	0.00768 mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	0.0 mg/kg	N
AB-2	AB-2-4	2 to 4 feet bls	2/15/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
AB-2	AB-2-6	4 to 6 feet bls	2/15/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
AB-3	AB-3-2	0 to 2 ft bls	2/15/2013	0.000321 U mg/kg	N	0.0021 mg/kg	N	0.00024 U mg/kg	N	0.00985 mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	0.0 mg/kg	N
AB-3	AB-3-4	2 to 4 feet bls	2/15/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
AB-3	AB-3-6	4 to 6 feet bls	2/15/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
AB-4	AB-4-2	0 to 2 ft bls	2/15/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	0.0 mg/kg	N
AB-4	AB-4-4	2 to 4 feet bls	2/15/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
AB-4	AB-4-6	4 to 6 feet bls	2/15/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
AB-5	AB-5-2	0 to 2 ft bls	2/15/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
AB-5	AB-5-4	2 to 4 feet bls	2/15/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
AB-5	AB-5-6	4 to 6 feet bls	2/15/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
AB-6	AB-6-2	0 to 2 ft bls	2/15/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
AB-6	AB-6-4	2 to 4 feet bls	2/15/2013	0.000321 U mg/kg	N	0.00199 mg/kg	N	0.00024 U mg/kg	N	0.00817 mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	0.0 mg/kg	N
AB-6	AB-6-6	4 to 6 feet bls	2/15/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
AB-7	AB-7-2	0 to 2 ft bls	2/15/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
AB-7	AB-7-4	2 to 4 feet bls	2/15/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
AB-7	AB-7-6	4 to 6 feet bls	2/15/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
AB-8	AB-8-2	0 to 2 ft bls	2/15/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
AB-8	AB-8-4	2 to 4 feet bls	2/15/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
AB-8	AB-8-6	4 to 6 feet bls	2/15/2013	0.000321 U mg/kg	N	0.00823 mg/kg	N	0.0149 mg/kg	N	0.035 mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	0.0 mg/kg	N
B5-2	B5-2-2	0 to 2 ft bls	2/13/2013	0.000321 U mg/kg	N	0.00525 mg/kg	N	0.00776 mg/kg	N	0.0186 mg/kg	N	0.000741 I mg/kg	N	0.000147 U mg/kg	N	0.0 mg/kg	N
B5-3	B5-3-2	0 to 2 ft bls	2/14/2013	0.000321 U mg/kg	N	0.0601 mg/kg	N	0.0329 mg/kg	N	0.0987 mg/kg	N	0.000253 U mg/kg	N	0.0326 mg/kg	N	0.1 mg/kg	N
B5-3	B5-3-4	2 to 4 feet bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
B5-4	B5-4-2	0 to 2 ft bls	2/13/2013	0.00119 mg/kg	N	0.0521 mg/kg	N	0.0822 mg/kg	N	0.212 mg/kg	N	0.00717 mg/kg	N	0.0319 mg/kg	N	0.1 mg/kg	N
Basin-East	Basin-East	0 to 2 ft bls	1/17/2014	0.402U mg/kg	N	0.244U mg/kg	N	0.208U mg/kg	N	0.689U mg/kg	N	0.157U mg/kg	N	0.157U mg/kg	N	N/A	N
Berm-1	Berm-1	0 to 2 ft bls	7/17/2013	0.000321 Umg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
Berm-1	Berm-1	4 to 6 feet bls	7/17/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
Berm-10	Berm-10	0 to 2 ft bls	7/17/2013	0.000321 Umg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.00704 mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	0.0 mg/kg	N
Berm-10	Berm-10	4 to 6 feet bls	7/17/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
Berm-2	Berm-2	0 to 2 ft bls	7/17/2013	0.000321 Umg/kg	N	0.00623 mg/kg	N	0.00569 mg/kg	N	0.00321 mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	0.0 mg/kg	N
Berm-2	Berm-2	4 to 6 feet bls	7/17/2013	0.000321 U mg/kg	N	0.00623 mg/kg	N	0.00569 mg/kg	N	0.00704 mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	0.0 mg/kg	N
Berm-3	Berm-3	0 to 2 ft bls	7/17/2013	0.000321 Umg/kg	N	0.00145 mg/kg	N	0.00545 mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
Berm-3	Berm-3	4 to 6 feet bls	7/17/2013	0.000321 U mg/kg	N	0.00145 mg/kg	N	0.00545 mg/kg	N	0.00321 mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	0.0 mg/kg	N
Berm-4	Berm-4	0 to 2 ft bls	7/17/2013	0.000321 Umg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
Berm-4	Berm-4	4 to 6 feet bls	7/17/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
Berm-5	Berm-5	0 to 2 ft bls	7/17/2013	0.000321 Umg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
Berm-5	Berm-5	4 to 6 feet bls	7/17/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
Berm-6	Berm-6	0 to 2 ft bls	7/17/2013	0.000321 Umg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
Berm-6	Berm-6	4 to 6 feet bls	7/17/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
Berm-7	Berm-7	0 to 2 ft bls	7/17/2013	0.000321 Umg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.00674 mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	0.0 mg/kg	N
Berm-7	Berm-7	4 to 6 feet bls	7/17/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
Berm-8	Berm-8	0 to 2 ft bls	7/17/2013	0.000321 Umg/kg	N	0.00456 mg/kg	N	0.0047 mg/kg	N	0.0123 mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	0.0 mg/kg	N
Berm-8	Berm-8	4 to 6 feet bls	7/17/2013	0.000321 U mg/kg	N	0.00456 mg/kg	N	0.0047 mg/kg	N	0.00674 mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	0.0 mg/kg	N
Berm-9	Berm-9	0 to 2 ft bls	7/17/2013	0.000321 U mg/kg	N	0.00492 mg/kg	N	0.00647 mg/kg	N	0.0123 mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	0.0 mg/kg	N
Berm-9	Berm-9	4 to 6 feet bls	7/17/2013	0.000321 U mg/kg	N	0.00492 mg/kg	N	0.00647 mg/kg	N	0.0123 mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	0.0 mg/kg	N
C5-1	C5-1-2	0 to 2 ft bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
C5-2	C5-2-2	0 to 2 ft bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
C5-2	C5-2-4	2 to 4 feet bls	2/13/2013	0.000321 U mg/kg	N	0.135 mg/kg	N	0.143 mg/kg	RDE	0.285 mg/kg	N	0.0396 mg/kg	N	0.0421 mg/kg	N	0.2 mg/kg	RDE
C5-2	C5-2-6	4 to 6 feet bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
C5-3	C5-3-2	0 to 2 ft bls	2/13/2013	0.000321 U mg/kg	N	0.00242 mg/kg	N	0.00222 mg/kg	N	0.00536 mg/kg	N	0.000253 U mg/kg	N	0.00225 mg/kg	N	0.0 mg/kg	N
C5-3	C5-3-4	2 to 4 feet bls	2/13/2013	0.000642 U mg/kg	N	0.221 mg/kg	N	0.171 mg/kg	RDE	0.0802 mg/kg	N	0.000506 U mg/kg	N	0.0243 mg/kg	N	0.2 mg/kg	RDE
C5-3	C5-3-6	4 to 6 feet bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
C5-4	C5-4-2	0 to 2 ft bls	2/13/2013	0.000321 U mg/kg	N	0.00353 mg/kg	N	0.00231 mg/kg	N	0.00698 mg/kg	N	0.000253 U mg/kg	N	0.00218 mg/kg	N	0.0 mg/kg	N
C5-4	C5-4-4	2 to 4 feet bls	2/13/2013	0.000321 U mg/kg	N	0.00204 mg/kg	N	0.00194 mg/kg	N	0.00481 mg/kg	N	0.000253 U mg/kg	N	0.00154 mg/kg	N	0.0 mg/kg	N
C5-4	C5-4-6	4 to 6 feet bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
C5-5	C5-5-2	0 to 2 ft bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
C5-5	C5-5-4	2 to 4 feet bls	2/13/2013	0.000321 U mg/kg	N	0.00155 mg/kg	N	0.00111 mg/kg	N	0.00372 mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	0.0 mg/kg	N
C5-5	C5-5-6	4 to 6 feet bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
C5-6	C5-6-2	0 to 2 ft bls	2/13/2013	0.000321 U mg/kg	N	0.00251 mg/kg	N	0.00251 mg/kg	N	0.00536 mg/kg	N	0.000253 U mg/kg	N	0.00223 mg/kg	N	0.0 mg/kg	N
C5-6	C5-6-4	2 to 4 feet bls	2/13/2013	0.000321 U mg/kg	N	0.0147 mg/kg	N	0.0125 mg/kg	N	0.0229 mg/kg	N	0.00402 mg/kg	N	0.0071 mg/kg	N	0.0 mg/kg	N
C5-6	C5-6-6	4 to 6 feet bls	2/13/2013	0.000321 U mg/kg	N	0.00269 mg/kg	N	0.0034 mg/kg	N	0.00696 mg/kg	N	0.000253 U mg/kg	N	0.00276 mg/kg	N	0.0 mg/kg	N
C5-7	C5-7-2	0 to 2 ft bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	0.0 mg/kg	N
C5-7	C5-7-4	2 to 4 feet bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
C5-8	C5-8-2	0 to 2 ft bls	2/13/2013	0.000321 U mg/kg	N	0.00446 mg/kg	N	0.00584 mg/kg	N	0.0152 mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	0.0 mg/kg	N

TABLE F1B PAH RESULTS																	
Point ID	Sample Id	Sample Depth	Sample Date	Acenaphthene	Acenap_Exceed	Benzo (a) anthracene	BAA_Exceed	Benzo (a) pyrene	BAP_Exceed	Benzo (b) fluoranthene	BBF_Exceed	Dibenz (a,h) anthracene	Dibenz_Exceed	Indeno(1,2,3-cd)pyrene	Indeno_Exceed	Benzo(a)pyrene equivalents	BAPEQ_Exceed
C5-8	C5-8-4	2 to 4 feet bls	2/13/2013	0.000321 U mg/kg	N	0.0032 mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	0.0 mg/kg	N
C6-1	C6-1-2	0 to 2 ft bls	2/15/2013	0.000321 U mg/kg	N	0.0015 mg/kg	N	0.00248 mg/kg	N	0.00863 mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	0.0 mg/kg	N
C6-1	C6-1-4	2 to 4 feet bls	2/15/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
C6-1	C6-1-6	4 to 6 feet bls	2/15/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
C6-2	C6-2-2	0 to 2 ft bls	2/15/2013	0.000321 U mg/kg	N	0.00254 mg/kg	N	0.00024 U mg/kg	N	0.00398 mg/kg	N	0.000253 U mg/kg	N	0.00593 mg/kg	N	0.0 mg/kg	N
C6-2	C6-2-4	2 to 4 feet bls	2/15/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
C6-2	C6-2-6	4 to 6 feet bls	2/15/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
C6-3	C6-3-2	0 to 2 ft bls	2/15/2013	0.000321 U mg/kg	N	0.0121 mg/kg	N	0.0127 mg/kg	N	0.0184 mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	0.0 mg/kg	N
C6-3	C6-3-4	2 to 4 feet bls	2/15/2013	0.000321 U mg/kg	N	0.0024 mg/kg	N	0.00285 mg/kg	N	0.00826 mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	0.0 mg/kg	N
C6-3	C6-3-6	4 to 6 feet bls	2/15/2013	0.000321 U mg/kg	N	0.00228 mg/kg	N	0.00024 U mg/kg	N	0.00753 mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	0.0 mg/kg	N
C6-4	C6-4-2	0 to 2 ft bls	2/15/2013	0.000321 U mg/kg	N	0.0716 mg/kg	N	0.0778 mg/kg	N	0.146 mg/kg	N	0.012 mg/kg	N	0.0221 mg/kg	N	0.1 mg/kg	N
C6-4	C6-4-4	2 to 4 feet bls	2/15/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
C6-4	C6-4-6	4 to 6 feet bls	2/15/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
C6-5	C6-5-2	0 to 2 ft bls	2/15/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
C6-5	C6-5-4	2 to 4 feet bls	2/15/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
C6-5	C6-5-6	4 to 6 feet bls	2/15/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
C6-6	C6-6-2	0 to 2 ft bls	2/15/2013	0.000321 U mg/kg	N	0.0314 mg/kg	N	0.0573 mg/kg	N	0.149 mg/kg	N	0.00217 mg/kg	N	0.0231 mg/kg	N	0.1 mg/kg	N
C6-6	C6-6-4	2 to 4 feet bls	2/15/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.00624 mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	0.0 mg/kg	N
C6-6	C6-6-6	4 to 6 feet bls	2/15/2013	0.000321 U mg/kg	N	0.00722 mg/kg	N	0.0102 mg/kg	N	0.0289 mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	0.0 mg/kg	N
C6-7	C6-7-2	0 to 2 ft bls	2/15/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
C6-7	C6-7-4	2 to 4 feet bls	2/15/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
C6-7	C6-7-6	4 to 6 feet bls	2/15/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
C6-8	C6-8-2	0 to 2 ft bls	2/15/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
C6-8	C6-8-4	2 to 4 feet bls	2/15/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
C6-8	C6-8-6	4 to 6 feet bls	2/15/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
CA001	CA-01-04	2 to 4 feet bls	5/27/2015	0.026U mg/kg	N	0.037i mg/kg	N	0.042i mg/kg	N	0.063i mg/kg	N	0.040U mg/kg	N	0.039i mg/kg	N	0.1 mg/kg	N
CA002	CA-02-04	2 to 4 feet bls	5/27/2015	0.026U mg/kg	N	0.017U mg/kg	N	0.024U mg/kg	N	0.017U mg/kg	N	0.041U mg/kg	N	0.021U mg/kg	N	N/A	N
CA003	CA-03-04	2 to 4 feet bls	5/27/2015	0.027i mg/kg	N	0.702 mg/kg	N	1.41 mg/kg	CIDE	1.98 mg/kg	N	0.3 mg/kg	N	1.16 mg/kg	N	2.1 mg/kg	CIDE
CA004	CA-04-04	2 to 4 feet bls	5/27/2015	0.116 mg/kg	N	1.18 mg/kg	L	0.95 mg/kg	CIDE	1.63 mg/kg	N	0.219 mg/kg	N	0.684 mg/kg	N	1.5 mg/kg	CIDE
CA005	CA-05-04	2 to 4 feet bls	5/27/2015	0.22 mg/kg	N	1.26 mg/kg	L	1.11 mg/kg	CIDE	2 mg/kg	N	0.273 mg/kg	N	0.939 mg/kg	N	1.8 mg/kg	CIDE
CA006	CA-06-04	2 to 4 feet bls	5/27/2015	0.162 mg/kg	N	2.03 mg/kg	L	1.72 mg/kg	CIDE	2.69 mg/kg	L	0.377 mg/kg	N	1.27 mg/kg	N	2.7 mg/kg	CIDE
CA007	CA-07-04	2 to 4 feet bls	5/27/2015	0.025U mg/kg	N	0.025i mg/kg	N	0.030i mg/kg	N	0.049i mg/kg	N	0.039U mg/kg	N	0.031i mg/kg	N	0.1 mg/kg	N
CA008	CA-08-04	2 to 4 feet bls	5/27/2015	0.025U mg/kg	N	0.017U mg/kg	N	0.023U mg/kg	N	0.016U mg/kg	N	0.039U mg/kg	N	0.021U mg/kg	N	N/A	N
CA009	CA-09-04	2 to 4 feet bls	5/27/2015	0.025U mg/kg	N	1.11 mg/kg	L	0.871 mg/kg	CIDE	1.43 mg/kg	N	0.22 mg/kg	N	0.692 mg/kg	N	1.4 mg/kg	CIDE
CA-01	CA-01-0.5	0 to 0.5 feet bls	5/27/2015	0.026U mg/kg	N	0.662 mg/kg	N	0.576 mg/kg	RDE	1.05 mg/kg	N	0.143 mg/kg	N	0.44 mg/kg	N	0.9 mg/kg	CIDE
CA-01	CA-01-02	0.5 to 2 feet bls	5/27/2015	0.026U mg/kg	N	0.412 mg/kg	N	0.379 mg/kg	RDE	0.611 mg/kg	N	0.099i mg/kg	N	0.292 mg/kg	N	0.6 mg/kg	RDE
CA-01	CA-01-06	4 to 6 feet bls	5/27/2015	0.128 mg/kg	N	1.3 mg/kg	L	1.05 mg/kg	CIDE	1.7 mg/kg	N	0.237 mg/kg	N	0.742 mg/kg	N	1.7 mg/kg	CIDE
CA-01	CA-01-08	6 to 8 feet bls	5/27/2015	0.068i mg/kg	N	0.611 mg/kg	N	0.515 mg/kg	RDE	0.821 mg/kg	N	0.124 mg/kg	N	0.411 mg/kg	N	0.8 mg/kg	CIDE
CA-01	CA-01-10	8 to 10 feet bls	5/27/2015	0.19 mg/kg	N	0.934 mg/kg	L	0.724 mg/kg	CIDE	1.3 mg/kg	N	0.167 mg/kg	N	0.519 mg/kg	N	1.2 mg/kg	CIDE
CA010	CA-10-04	2 to 4 feet bls	5/27/2015	0.144i mg/kg	N	1.03 mg/kg	L	0.907 mg/kg	CIDE	1.33 mg/kg	N	0.383i mg/kg	N	0.89 mg/kg	N	1.6 mg/kg	CIDE
CA011	CA-11-04	2 to 4 feet bls	5/27/2015	0.026U mg/kg	N	0.017U mg/kg	N	0.023U mg/kg	N	0.016U mg/kg	N	0.040U mg/kg	N	0.021U mg/kg	N	N/A	N
CA012	CA-12-04	2 to 4 feet bls	5/27/2015	0.026U mg/kg	N	0.017U mg/kg	N	0.023U mg/kg	N	0.016U mg/kg	N	0.040U mg/kg	N	0.021U mg/kg	N	N/A	N
CA013	CA-13-04	2 to 4 feet bls	5/27/2015	0.025U mg/kg	N	0.017U mg/kg	N	0.023U mg/kg	N	0.016U mg/kg	N	0.039U mg/kg	N	0.021U mg/kg	N	N/A	N
CA014	CA-14-04	2 to 4 feet bls	5/27/2015	0.154 mg/kg	N	4.55 mg/kg	L	3.4 mg/kg	CIDE	5.41 mg/kg	L	0.741 mg/kg	L	2.11 mg/kg	N	5.4 mg/kg	CIDE
CA015	CA-15-04	2 to 4 feet bls	5/27/2015	0.027U mg/kg	N	0.172 mg/kg	N	0.187 mg/kg	RDE	0.306 mg/kg	N	0.046i mg/kg	N	0.178 mg/kg	N	0.3 mg/kg	RDE
CA-02	CA-02-0.5	0 to 0.5 feet bls	5/27/2015	0.025U mg/kg	N	0.439 mg/kg	N	0.403 mg/kg	RDE	0.669 mg/kg	N	0.086i mg/kg	N	0.267 mg/kg	N	0.6 mg/kg	RDE
CA-02	CA-02-02	0.5 to 2 feet bls	5/27/2015	0.026U mg/kg	N	1.04 mg/kg	L	0.959 mg/kg	CIDE	1.42 mg/kg	N	0.225 mg/kg	N	0.769 mg/kg	N	1.5 mg/kg	CIDE
CA-02	CA-02-06	4 to 6 feet bls	5/27/2015	0.026U mg/kg	N	0.272 mg/kg	N	0.19 mg/kg	RDE	0.342 mg/kg	N	0.054i mg/kg	N	0.147 mg/kg	N	0.3 mg/kg	RDE
CA-02	CA-02-08	6 to 8 feet bls	5/27/2015	0.321i mg/kg	N	6.59 mg/kg	L	4.88 mg/kg	CIDE	7.99 mg/kg	L	1.15 mg/kg	L	3.46 mg/kg	N	7.9 mg/kg	CIDE
CA-02	CA-02-10	8 to 10 feet bls	5/27/2015	0.050i mg/kg	N	0.624 mg/kg	N	0.489 mg/kg	RDE	0.832 mg/kg	N	0.118 mg/kg	N	0.34 mg/kg	N	0.8 mg/kg	CIDE
CA021	CA-21-04	2 to 4 feet bls	5/27/2015	0.024U mg/kg	N	0.030i mg/kg	N	0.037i mg/kg	N	0.057i mg/kg	N	0.037U mg/kg	N	0.054i mg/kg	N	0.1 mg/kg	N
CA022	CA-22-04	2 to 4 feet bls	5/28/2015	0.024U mg/kg	N	0.016U mg/kg	N	0.022U mg/kg	N	0.015U mg/kg	N	0.037U mg/kg	N	0.020U mg/kg	N	N/A	N
CA023	CA-23-04	2 to 4 feet bls	5/28/2015	0.027U mg/kg	N	0.018U mg/kg	N	0.025U mg/kg	N	0.017U mg/kg	N	0.042U mg/kg	N	0.022U mg/kg	N	N/A	N
CA-03	CA-03-0.5	0 to 0.5 feet bls	5/27/2015	0.025U mg/kg	N	0.361 mg/kg	N	0.316 mg/kg	RDE	0.565 mg/kg	N	0.082i mg/kg	N	0.255 mg/kg	N	0.5 mg/kg	RDE
CA-03	CA-03-02	0.5 to 2 feet bls	5/27/2015	0.025U mg/kg	N	0.017U mg/kg	N	0.024i mg/kg	N	0.039i mg/kg	N	0.039U mg/kg	N	0.026i mg/kg	N	0.1 mg/kg	N
CA-03	CA-03-06	4 to 6 feet bls	5/27/2015	1.13 mg/kg	N	11.5 mg/kg	L	8.82 mg/kg	CIDE	13.3 mg/kg	L	1.93 mg/kg	L	5.53 mg/kg	N	13.8 mg/kg	CIDE
CA-03	CA-03-08	6 to 8 feet bls	5/27/2015	0.153 mg/kg	N	0.875 mg/kg	L	0.736 mg/kg	CIDE	1.22 mg/kg	N	0.162 mg/kg	N	0.606 mg/kg	N	1.2 mg/kg	CIDE
CA-03	CA-03-10	8 to 10 feet bls	5/27/2015	0.237 mg/kg	N	0.84 mg/kg	L	0.706 mg/kg	N	1.12 mg/kg	N	0.143 mg/kg	N	0.494 mg/kg	N	1.1 mg/kg	CIDE
CA-04	CA-04-0.5	0 to 0.5 feet bls	5/27/2015	0.026U mg/kg	N	0.040i mg/kg	N	0.051i mg/kg	N	0.078i mg/kg	N	0.040U mg/kg	N	0.067i mg/kg	N	0.1 mg/kg	N
CA-04	CA-04-02	0.5 to 2 feet bls	5/27/2015	0.026U mg/kg	N	0.154 mg/kg	N	0.167 mg/kg	RDE	0.249 mg/kg	N	0.041i mg/kg	N	0.132 mg/kg	N	0.3 mg/kg	RDE
CA-04	CA-04-06	4 to 6 feet bls	5/27/2015	0.063i mg/kg	N	0.971 mg/kg	L	0.771 mg/kg	CIDE	1.25 mg/kg	N	0.168 mg/kg	N	0.563 mg/kg	N	1.2 mg/kg	CIDE
CA-04	CA-04-08	6 to 8 feet bls	5/27/2015	0.087i mg/kg	N	0.814 mg/kg	L	0.678 mg/kg	RDE	1.17 mg/kg	N	0.158 mg/kg	N	0.511 mg/kg	N	1.1 mg/kg	CIDE
CA-05	CA-05-0.5	0 to 0.5 feet bls	5/27/2015	0.025U mg/kg	N	0.229 mg/kg	N	0.268 mg/kg	RDE	0.516 mg/kg	N	0.066i mg/kg	N	0.252 mg/kg	N	0.4 mg/kg	RDE
CA-05	CA-05-02	0.5 to 2 feet bls	5/27/2015	0.18 mg/kg	N	2.05 mg/kg	L	1.69 mg/kg	CIDE	2.91 mg/kg	L	0.409 mg/kg	N	1.41 mg/kg	N	2.7 mg/kg	CIDE
CA-05	CA-05-06	4 to 6 feet bls	5/27/2015	0.025U mg/kg	N	0.111 mg/kg	N	0.105 mg/kg	RDE	0.182 mg/kg	N	0.039U mg/kg	N	0.113 mg/kg	N	0.2 mg/kg	RDE
CA-05	CA-05-08	6 to 8 feet bls	5/27/2015	0.026U mg/kg	N	0.062i mg/kg	N	0.091i mg/kg	N	0.151 mg/kg	N	0.040U mg/kg	N	0.102i mg/kg	N	0.1 mg/kg	N
CA-05W	CA-05W-0.5	0 to 0.5 feet bls	7/15/2015	0.053 U mg/kg	N	0.082i mg/kg	N	0.108i mg/kg	N	0.178 mg/kg	N	0.0076 U mg/kg	N	0.088i mg/kg	N	0.1 mg/kg	N
CA-05W	CA-05W-2	0.5 to 2 feet bls	7/15/2015	0.051 U mg/kg	N	0.031 U mg/kg	N	0.019 U mg/kg	N	0.027 U mg/kg	N	0.0073 U mg/kg	N	0.031 U mg/kg	N	N/A	N

TABLE F1B PAH RESULTS																	
Point ID	Sample Id	Sample Depth	Sample Date	Acenaphthene	Acenap_Exceed	Benzo (a) anthracene	BAA_Exceed	Benzo (a) pyrene	BAP_Exceed	Benzo (b) fluoranthene	BBF_Exceed	Dibenz (a,h) anthracene	Dibenz_Exceed	Indeno(1,2,3-cd)pyrene	Indeno_Exceed	Benzo(a)pyrene equivalents	BAPEQ_Exceed
CA-05W	CA-05W-4	2 to 4 feet bls	7/15/2015	0.055 U mg/kg	N	0.033 U mg/kg	N	0.020 U mg/kg	N	0.028 U mg/kg	N	0.0079 U mg/kg	N	0.033 U mg/kg	N	N/A	N
CA-05W	CA-05W-6	4 to 6 feet bls	7/15/2015	0.059 U mg/kg	N	0.035 U mg/kg	N	0.022 U mg/kg	N	0.03 U mg/kg	N	0.0084 U mg/kg	N	0.035 U mg/kg	N	N/A	N
CA-06	CA-06-0.5	0 to 0.5 feet bls	5/27/2015	0.026U mg/kg	N	0.862 mg/kg	L	0.665 mg/kg	RDE	1.05 mg/kg	N	0.135 mg/kg	N	0.449 mg/kg	N	1 mg/kg	CIDE
CA-06	CA-06-02	0.5 to 2 feet bls	5/27/2015	0.025U mg/kg	N	0.25 mg/kg	N	0.228 mg/kg	RDE	0.367 mg/kg	N	0.056i mg/kg	N	0.196 mg/kg	N	0.4 mg/kg	RDE
CA-06	CA-06-06	4 to 6 feet bls	5/27/2015	0.026U mg/kg	N	0.121 mg/kg	N	0.136 mg/kg	RDE	0.228 mg/kg	N	0.040U mg/kg	N	0.146 mg/kg	N	0.2 mg/kg	RDE
CA-06	CA-06-08	6 to 8 feet bls	5/27/2015	0.026U mg/kg	N	0.031i mg/kg	N	0.048i mg/kg	N	0.082i mg/kg	N	0.040U mg/kg	N	0.057i mg/kg	N	0.1 mg/kg	N
CA-07	CA-07-0.5	0 to 0.5 feet bls	5/27/2015	0.025U mg/kg	N	0.378 mg/kg	N	0.38 mg/kg	RDE	0.635 mg/kg	N	0.092i mg/kg	N	0.339 mg/kg	N	0.6 mg/kg	RDE
CA-07	CA-07-02	0.5 to 2 feet bls	5/27/2015	0.025U mg/kg	N	0.061i mg/kg	N	0.101i mg/kg	RDE	0.155 mg/kg	N	0.039U mg/kg	N	0.12 mg/kg	N	0.2 mg/kg	RDE
CA-07	CA-07-06	4 to 6 feet bls	5/27/2015	0.026U mg/kg	N	0.379 mg/kg	N	0.367 mg/kg	RDE	0.599 mg/kg	N	0.090i mg/kg	N	0.335 mg/kg	N	0.6 mg/kg	RDE
CA-07	CA-07-08	6 to 8 feet bls	5/27/2015	0.329i mg/kg	N	6.64 mg/kg	L	5.16 mg/kg	CIDE	8.45 mg/kg	L	0.993 mg/kg	L	3.43 mg/kg	N	8 mg/kg	CIDE
CA-07	CA-07-10	8 to 10 feet bls	5/27/2015	0.643 mg/kg	N	7.84 mg/kg	L	6.09 mg/kg	CIDE	9.9 mg/kg	L	1.09 mg/kg	L	3.97 mg/kg	N	9.4 mg/kg	CIDE
CA-08	CA-08-0.5	0 to 0.5 feet bls	5/27/2015	3.11 mg/kg	L	20.7 mg/kg	L	20.3 mg/kg	CIDE	27.4 mg/kg	L	3.85 mg/kg	L	13.4 mg/kg	L	30.4 mg/kg	CIDE
CA-08	CA-08-02	0.5 to 2 feet bls	5/27/2015	0.025U mg/kg	N	0.016U mg/kg	N	0.022U mg/kg	N	0.016U mg/kg	N	0.039U mg/kg	N	0.020U mg/kg	N	N/A	N
CA-08	CA-08-06	4 to 6 feet bls	5/27/2015	0.14 mg/kg	N	0.554 mg/kg	N	0.498 mg/kg	RDE	0.819 mg/kg	N	0.132 mg/kg	N	0.486 mg/kg	N	0.8 mg/kg	CIDE
CA-08	CA-08-08	6 to 8 feet bls	5/27/2015	0.218 mg/kg	N	2.73 mg/kg	L	2.06 mg/kg	CIDE	3.15 mg/kg	L	0.43 mg/kg	N	1.38 mg/kg	N	3.2 mg/kg	CIDE
CA-08	CA-08-10	8 to 10 feet bls	5/27/2015	0.144 mg/kg	N	1.73 mg/kg	L	1.34 mg/kg	CIDE	2.25 mg/kg	N	0.317 mg/kg	N	0.927 mg/kg	N	2.2 mg/kg	CIDE
CA-09	CA-09-0.5	0 to 0.5 feet bls	5/27/2015	0.025U mg/kg	N	0.485 mg/kg	N	0.44 mg/kg	RDE	0.685 mg/kg	N	0.115 mg/kg	N	0.403 mg/kg	N	0.7 mg/kg	RDE
CA-09	CA-09-02	0.5 to 2 feet bls	5/27/2015	0.025U mg/kg	N	0.017U mg/kg	N	0.023U mg/kg	N	0.016U mg/kg	N	0.039U mg/kg	N	0.021U mg/kg	N	N/A	N
CA-09	CA-09-06	4 to 6 feet bls	5/27/2015	0.131U mg/kg	N	0.673 mg/kg	N	0.74 mg/kg	CIDE	0.999 mg/kg	N	0.204U mg/kg	N	0.715 mg/kg	N	1.1 mg/kg	CIDE
CA-09	CA-09-08	6 to 8 feet bls	5/27/2015	0.027U mg/kg	N	0.273 mg/kg	N	0.252 mg/kg	RDE	0.406 mg/kg	N	0.062i mg/kg	N	0.173 mg/kg	N	0.4 mg/kg	RDE
CA-09	CA-09-10	8 to 10 feet bls	5/27/2015	0.063i mg/kg	N	0.475 mg/kg	N	0.389 mg/kg	RDE	0.65 mg/kg	N	0.107i mg/kg	N	0.306 mg/kg	N	0.6 mg/kg	RDE
CA-10	CA-10-0.5	0 to 0.5 feet bls	5/27/2015	0.025U mg/kg	N	0.238 mg/kg	N	0.253 mg/kg	RDE	0.418 mg/kg	N	0.060i mg/kg	N	0.203 mg/kg	N	0.4 mg/kg	RDE
CA-10	CA-10-02	0.5 to 2 feet bls	5/27/2015	0.025U mg/kg	N	0.047i mg/kg	N	0.070i mg/kg	N	0.133 mg/kg	N	0.039U mg/kg	N	0.081i mg/kg	N	0.1 mg/kg	N
CA-10	CA-10-06	4 to 6 feet bls	5/27/2015	0.025U mg/kg	N	0.133 mg/kg	N	0.133 mg/kg	RDE	0.232 mg/kg	N	0.039U mg/kg	N	0.115 mg/kg	N	0.2 mg/kg	RDE
CA-10	CA-10-08	6 to 8 feet bls	5/27/2015	0.074i mg/kg	N	0.665 mg/kg	N	0.515 mg/kg	RDE	0.851 mg/kg	N	0.13 mg/kg	N	0.413 mg/kg	N	0.8 mg/kg	CIDE
CA-10	CA-10-10	8 to 10 feet bls	5/27/2015	0.122 mg/kg	N	0.939 mg/kg	L	0.735 mg/kg	CIDE	1.17 mg/kg	N	0.166 mg/kg	N	0.487 mg/kg	N	1.2 mg/kg	CIDE
CA-11	CA-11-0.5	0 to 0.5 feet bls	5/27/2015	0.125U mg/kg	N	0.542 mg/kg	N	0.545 mg/kg	RDE	1.01 mg/kg	N	0.194U mg/kg	N	0.617 mg/kg	N	0.8 mg/kg	CIDE
CA-11	CA-11-02	0.5 to 2 feet bls	5/27/2015	0.131U mg/kg	N	0.434i mg/kg	N	0.553i mg/kg	RDE	0.943 mg/kg	N	0.204U mg/kg	N	0.595 mg/kg	N	0.9 mg/kg	CIDE
CA-11	CA-11-06	4 to 6 feet bls	5/27/2015	0.520i mg/kg	N	5.8 mg/kg	L	4.68 mg/kg	CIDE	6.75 mg/kg	L	0.922 mg/kg	L	2.9 mg/kg	N	7.2 mg/kg	CIDE
CA-11	CA-11-08	6 to 8 feet bls	5/27/2015	0.161 mg/kg	N	0.902 mg/kg	L	0.806 mg/kg	CIDE	1.32 mg/kg	N	0.165 mg/kg	N	0.561 mg/kg	N	1.3 mg/kg	CIDE
CA-12	CA-12-0.5	0 to 0.5 feet bls	5/27/2015	0.128U mg/kg	N	0.302i mg/kg	N	0.310i mg/kg	RDE	0.459i mg/kg	N	0.199U mg/kg	N	0.503i mg/kg	N	0.5 mg/kg	RDE
CA-12	CA-12-02	0.5 to 2 feet bls	5/27/2015	0.025U mg/kg	N	0.017U mg/kg	N	0.023U mg/kg	N	0.016U mg/kg	N	0.039U mg/kg	N	0.021U mg/kg	N	N/A	N
CA-12	CA-12-06	4 to 6 feet bls	5/27/2015	0.137 mg/kg	N	1.18 mg/kg	L	0.995 mg/kg	CIDE	1.56 mg/kg	N	0.214 mg/kg	N	0.764 mg/kg	N	1.6 mg/kg	CIDE
CA-12	CA-12-08	6 to 8 feet bls	5/27/2015	0.157 mg/kg	N	2.29 mg/kg	L	1.96 mg/kg	CIDE	2.9 mg/kg	L	0.422 mg/kg	N	1.35 mg/kg	N	3.1 mg/kg	CIDE
CA-12	CA-12-10	8 to 10 feet bls	5/27/2015	0.12 mg/kg	N	0.627 mg/kg	N	0.528 mg/kg	RDE	0.882 mg/kg	N	0.137 mg/kg	N	0.395 mg/kg	N	0.9 mg/kg	CIDE
CA-13	CA-13-0.5	0 to 0.5 feet bls	5/27/2015	0.025U mg/kg	N	0.234 mg/kg	N	0.264 mg/kg	RDE	0.377 mg/kg	N	0.085i mg/kg	N	0.309 mg/kg	N	0.4 mg/kg	RDE
CA-13	CA-13-02	0.5 to 2 feet bls	5/27/2015	0.026U mg/kg	N	0.030i mg/kg	N	0.031i mg/kg	N	0.048i mg/kg	N	0.040U mg/kg	N	0.021U mg/kg	N	0.1 mg/kg	N
CA-13	CA-13-06	4 to 6 feet bls	5/27/2015	0.261 mg/kg	N	2.79 mg/kg	L	2.32 mg/kg	CIDE	3.43 mg/kg	L	0.502 mg/kg	N	1.66 mg/kg	N	3.6 mg/kg	CIDE
CA-13	CA-13-08	6 to 8 feet bls	5/27/2015	0.154 mg/kg	N	3.24 mg/kg	L	2.83 mg/kg	CIDE	4.55 mg/kg	L	0.509 mg/kg	N	1.71 mg/kg	N	4.3 mg/kg	CIDE
CA-13	CA-13-10	8 to 10 feet bls	5/27/2015	0.268 mg/kg	N	2.06 mg/kg	L	1.63 mg/kg	CIDE	2.64 mg/kg	L	0.325 mg/kg	N	1.04 mg/kg	N	2.5 mg/kg	CIDE
CA-14	CA-14-0.5	0 to 0.5 feet bls	5/27/2015	0.025U mg/kg	N	0.386 mg/kg	N	0.344 mg/kg	RDE	0.544 mg/kg	N	0.108 mg/kg	N	0.355 mg/kg	N	0.6 mg/kg	RDE
CA-14	CA-14-02	0.5 to 2 feet bls	5/27/2015	0.299 mg/kg	N	3.5 mg/kg	L	2.95 mg/kg	CIDE	4.3 mg/kg	L	0.578 mg/kg	N	1.89 mg/kg	N	4.5 mg/kg	CIDE
CA-14	CA-14-06	4 to 6 feet bls	5/27/2015	0.025U mg/kg	N	2.08 mg/kg	L	1.82 mg/kg	CIDE	2.64 mg/kg	L	0.411 mg/kg	N	1.35 mg/kg	N	2.8 mg/kg	CIDE
CA-14	CA-14-08	6 to 8 feet bls	5/27/2015	0.025U mg/kg	N	0.499 mg/kg	N	0.434 mg/kg	RDE	0.863 mg/kg	N	0.118 mg/kg	N	0.424 mg/kg	N	0.7 mg/kg	RDE
CA-14	CA-14-10	8 to 10 feet bls	5/27/2015	0.175 mg/kg	N	1.1 mg/kg	L	0.914 mg/kg	CIDE	1.51 mg/kg	N	0.194 mg/kg	N	0.671 mg/kg	N	1.4 mg/kg	CIDE
CA-15	CA-15-0.5	0 to 0.5 feet bls	5/27/2015	0.026U mg/kg	N	0.275 mg/kg	N	0.37 mg/kg	RDE	0.657 mg/kg	N	0.126 mg/kg	N	0.5 mg/kg	N	0.6 mg/kg	RDE
CA-15	CA-15-02	0.5 to 2 feet bls	5/27/2015	0.026U mg/kg	N	0.099i mg/kg	N	0.166 mg/kg	RDE	0.299 mg/kg	N	0.045i mg/kg	N	0.165 mg/kg	N	0.3 mg/kg	RDE
CA-15	CA-15-06	4 to 6 feet bls	5/27/2015	0.205 mg/kg	N	1.07 mg/kg	L	0.961 mg/kg	CIDE	1.55 mg/kg	N	0.223 mg/kg	N	0.778 mg/kg	N	1.5 mg/kg	CIDE
CA-15	CA-15-08	6 to 8 feet bls	5/27/2015	0.347 mg/kg	N	4.02 mg/kg	L	3.03 mg/kg	CIDE	4.65 mg/kg	L	0.592 mg/kg	N	1.92 mg/kg	N	4.7 mg/kg	CIDE
CA-21	CA-21-0.5	0 to 0.5 feet bls	5/27/2015	0.025U mg/kg	N	0.4 mg/kg	N	0.459 mg/kg	RDE	0.856 mg/kg	N	0.088i mg/kg	N	0.372 mg/kg	N	0.7 mg/kg	RDE
CA-21	CA-21-02	0.5 to 2 feet bls	5/27/2015	0.025U mg/kg	N	0.092i mg/kg	N	0.106 mg/kg	RDE	0.216 mg/kg	N	0.043i mg/kg	N	0.141 mg/kg	N	0.2 mg/kg	RDE
CA-21	CA-21-06	4 to 6 feet bls	5/27/2015	0.026U mg/kg	N	0.187 mg/kg	N	0.214 mg/kg	RDE	0.343 mg/kg	N	0.055i mg/kg	N	0.161 mg/kg	N	0.3 mg/kg	RDE
CA-21	CA-21-08	6 to 8 feet bls	5/27/2015	0.027U mg/kg	N	0.018U mg/kg	N	0.024U mg/kg	N	0.017U mg/kg	N	0.042U mg/kg	N	0.022U mg/kg	N	N/A	N
CA-21	CA-21-10	8 to 10 feet bls	5/27/2015	0.027U mg/kg	N	0.018U mg/kg	N	0.024U mg/kg	N	0.017U mg/kg	N	0.041U mg/kg	N	0.022U mg/kg	N	N/A	N
CA-22	CA-22-0.5	0 to 0.5 feet bls	5/28/2015	0.616 mg/kg	N	21.3 mg/kg	L	33.3 mg/kg	CIDE	90.9 mg/kg	L	6.29 mg/kg	L	34 mg/kg	L	54.4 mg/kg	CIDE
CA-22	CA-22-02	0.5 to 2 feet bls	5/28/2015	0.025U mg/kg	N	1.66 mg/kg	L	2.39 mg/kg	CIDE	4.83 mg/kg	L	0.577 mg/kg	N	2.65 mg/kg	N	3.9 mg/kg	CIDE
CA-22	CA-22-06	4 to 6 feet bls	5/28/2015	0.062i mg/kg	N	2.13 mg/kg	L	3.41 mg/kg	CIDE	8.62 mg/kg	L	0.603 mg/kg	N	3.01 mg/kg	N	5.4 mg/kg	CIDE
CA-22	CA-22-08	6 to 8 feet bls	5/28/2015	0.026U mg/kg	N	0.017U mg/kg	N	0.023U mg/kg	N	0.016U mg/kg	N	0.040U mg/kg	N	0.021U mg/kg	N	N/A	N
CA-22N	CA-22N-0.5	0 to 0.5 feet bls	7/15/2015	0.052 U mg/kg	N	0.757 mg/kg	N	0.83 mg/kg	CIDE	1.38 mg/kg	N	0.155 mg/kg	N	0.786 mg/kg	N	1.3 mg/kg	CIDE
CA-22N	CA-22N-02	0.5 to 2 feet bls	7/15/2015	0.052 U mg/kg	N	0.031 U mg/kg	N	0.019 U mg/kg	N	0.027 U mg/kg	N	0.0075 U mg/kg	N	0.031 U mg/kg	N	N/A	N
CA-22N	CA-22N-06	4 to 6 feet bls	7/15/2015	0.057 U mg/kg	N	0.034 U mg/kg	N	0.021 U mg/kg	N	0.030 U mg/kg	N	0.0083 U mg/kg	N	0.034 U mg/kg	N	N/A	N
CA-22N1	CA-22N1-0.5	0 to 0.5 feet bls	7/15/2015	0.029 U mg/kg	N	0.052i mg/kg	N	0.086 mg/kg	N	0.156 mg/kg	N	0.024i mg/kg	N	0.1 mg/kg	N	0.1 mg/kg	N
CA-22NW	CA-22NW-0.5	0 to 0.5 feet bls	7/15/2015	0.028 U mg/kg	N	0.017 U mg/kg	N	0.052i mg/kg	N	0.109 mg/kg	N	0.023i mg/kg	N	0.084 mg/kg	N	0.1 mg/kg	N
CA-22S	CA-22S-0.5	0 to 0.5 feet bls	7/15/2015	0.053 U mg/kg	N	0.139 mg/kg	N	0.223 mg/kg	RDE	0.436 mg/kg	N	0.035i mg/kg	N	0.237 mg/kg	N	0.3 mg/kg	RDE
CA-22S	CA-22S-02	0.5 to 2 feet bls	7/15/2015	0.051 U mg/kg	N	0.141 mg/kg	N	0.197 mg/kg	RDE	0.299 mg/kg	N	0.0073 U mg/kg	N	0.184 mg/kg	N	0.3 mg/kg	RDE
CA-22S	CA-22S-04	2 to 4 feet bls	7/15/2015	0.026 U mg/kg	N	0.259 mg/kg	N	0.417 mg/kg	RDE	0.816 mg/kg	N	0.094 mg/kg	N	0.395 mg/kg	N	0.7 mg/kg	RDE
CA-22S	CA-22S-06	4 to 6 feet bls	7/15/2015	0.060 U mg/kg	N	0.036 U mg/kg	N	0.022 U mg/kg	N	0.031 U mg/kg	N	0.0087 U mg/kg	N	0.036 U mg/kg	N	N/A	N
CA-22S1	CA-22S1-0.5	0 to 0.5 feet bls	7/15/2015	0.081i mg/kg	N	1.56 mg/kg	L	2.03 mg/kg	CIDE	3.43 mg/kg	L	0.351 mg/kg	N	1.93 mg/kg	N	3.1 mg/kg	RDE

TABLE F1B PAH RESULTS																	
Point ID	Sample Id	Sample Depth	Sample Date	Acenaphthene	Acenap_Exceed	Benzo (a) anthracene	BAA_Exceed	Benzo (a) pyrene	BAP_Exceed	Benzo (b) fluoranthene	BBF_Exceed	Dibenz (a,h) anthracene	Dibenz_Exceed	Indeno(1,2,3-cd)pyrene	Indeno_Exceed	Benzo(a)pyrene equivalents	BAPEQ_Exceed
CA-22S1	CA-22S1-2	0.5 to 2 feet bls	7/15/2015	0.026 U mg/kg	N	0.016 U mg/kg	N	0.024i mg/kg	N	0.026i mg/kg	N	0.013i mg/kg	N	0.042i mg/kg	N	0.0 mg/kg	N
CA-22S1	CA-22S1-4	2 to 4 feet bls	7/15/2015	0.027 U mg/kg	N	0.016 U mg/kg	N	0.010 U mg/kg	N	0.014 U mg/kg	N	0.0039 U mg/kg	N	0.016 U mg/kg	N	N/A	N
CA-22S1W	CA-22S1W-0.5	0 to 0.5 feet bls	8/17/2015	0.100 U mg/kg	N	0.198i mg/kg	N	0.329 mg/kg	RDE	0.56 mg/kg	N	0.014 U mg/kg	N	0.358 mg/kg	N	0.5 mg/kg	RDE
CA-22S1W	CA-22S1W-2	0.5 to 2 feet bls	8/17/2015	0.054 U mg/kg	N	0.032 U mg/kg	N	0.02 U mg/kg	N	0.028 U mg/kg	N	0.0077 U mg/kg	N	0.032 U mg/kg	N	N/A	N
CA-22S1W2	CA-22S1W2 -0.5	0 to 0.5 feet bls	8/17/2015	0.096 U mg/kg	N	0.058 U mg/kg	N	0.062i mg/kg	N	0.134i mg/kg	N	0.014U mg/kg	N	0.058U mg/kg	N	0.1 mg/kg	N
CA-22S1W2	CA-22S1W2 -2	0.5 to 2 feet bls	8/17/2015	0.096 U mg/kg	N	0.058 U mg/kg	N	0.035 U mg/kg	N	0.05 U mg/kg	N	0.014 U mg/kg	N	0.058 U mg/kg	N	N/A	N
CA-22S2	CA-22S2-05	0 to 0.5 feet bls	8/17/2015	0.087 U mg/kg	N	1.85 mg/kg	L	3.8 mg/kg	CIDE	6.82 mg/kg	N	0.689 mg/kg	N	4.09 mg/kg	N	5.8 mg/kg	CIDE
CA-22S2	CA-22S2-2	0.5 to 2 feet bls	8/17/2015	0.076 U mg/kg	N	0.732 mg/kg	N	1.87 mg/kg	N	3.62 mg/kg	N	0.36 mg/kg	N	2.1 mg/kg	N	**2.9 mg/kg**	CIDE
CA-22S2W	CA-22S2W-0.5	0 to 0.5 feet bls	8/17/2015	0.103 U mg/kg	N	0.062 U mg/kg	N	0.038 U mg/kg	N	0.106i mg/kg	N	0.015 U mg/kg	N	0.062 U mg/kg	N	0.0 mg/kg	N
CA-22S2W	CA-22S2W-2	0.5 to 2 feet bls	8/17/2015	0.098 U mg/kg	N	0.059 U mg/kg	N	0.036 U mg/kg	N	0.051 U mg/kg	N	0.014 U mg/kg	N	0.059 U mg/kg	N	N/A	N
CA-22SW	CA-22SW-0.5	0 to 0.5 feet bls	7/15/2015	0.026 U mg/kg	N	0.028i mg/kg	N	0.057i mg/kg	N	0.095 mg/kg	N	0.0038 U mg/kg	N	0.056i mg/kg	N	0.1 mg/kg	N
CA-22SW	CA-22SW-02	0.5 to 2 feet bls	7/15/2015	0.025 U mg/kg	N	0.015 U mg/kg	N	0.0094 U mg/kg	N	0.013 U mg/kg	N	0.0037 U mg/kg	N	0.015 U mg/kg	N	N/A	N
CA-22SW	CA-22SW-04	2 to 4 feet bls	7/15/2015	0.027 U mg/kg	N	0.016 U mg/kg	N	0.0099 U mg/kg	N	0.014 U mg/kg	N	0.0039 U mg/kg	N	0.016 U mg/kg	N	N/A	N
CA-22W	CA-22W-0.5	0 to 0.5 feet bls	7/15/2015	0.060 U mg/kg	N	0.036 U mg/kg		0.022 U mg/kg	N	0.031 U mg/kg	N	0.0087 U mg/kg	N	0.036 U mg/kg	N	N/A	N
CA-22W	CA-22W-02	0.5 to 2 feet bls	7/15/2015	0.051 U mg/kg	N	0.030 U mg/kg	N	0.019 U mg/kg	N	0.026 U mg/kg	N	0.0073 U mg/kg	N	0.030 U mg/kg	N	N/A	N
CA-22W	CA-22W-06	4 to 6 feet bls	7/15/2015	0.056 U mg/kg	N	0.033 U mg/kg	N	0.021 U mg/kg	N	0.029 U mg/kg	N	0.008 U mg/kg	N	0.033 U mg/kg	N	N/A	N
CA-23	CA-23-0.5	0 to 0.5 feet bls	5/28/2015	0.156i mg/kg	N	2.13 mg/kg	L	3.26 mg/kg	CIDE	7.13 mg/kg	L	1.04 mg/kg	L	4.62 mg/kg	N	5.7 mg/kg	CIDE
CA-23	CA-23-02	0.5 to 2 feet bls	5/28/2015	0.026U mg/kg	N	0.072i mg/kg	N	0.139 mg/kg	RDE	0.269 mg/kg	N	0.050i mg/kg	N	0.195 mg/kg	N	0.2 mg/kg	RDE
CA-23	CA-23-06	4 to 6 feet bls	5/28/2015	0.028U mg/kg	N	0.018U mg/kg	N	0.025U mg/kg	N	0.018U mg/kg	N	0.043U mg/kg	N	0.022U mg/kg	N	N/A	N
CA-23	CA-23-08	6 to 8 feet bls	5/28/2015	0.028U mg/kg	N	0.018U mg/kg	N	0.025U mg/kg	N	0.018U mg/kg	N	0.044U mg/kg	N	0.023U mg/kg	N	N/A	N
CA-24	CA-24-0.5	0 to 0.5 feet bls	5/28/2015	0.025U mg/kg	N	1.28 mg/kg	L	2.18 mg/kg	CIDE	5.24 mg/kg	L	0.419 mg/kg	N	2.03 mg/kg	N	3.5 mg/kg	CIDE
CA-24	CA-24-02	0.5 to 2 feet bls	5/28/2015	0.026U mg/kg	N	0.423 mg/kg	N	0.773 mg/kg	CIDE	1.78 mg/kg	N	0.196 mg/kg	N	0.924 mg/kg	N	1.3 mg/kg	CIDE
D2-1	D2-1-2	0 to 2 ft bls	2/15/2013	0.00291 mg/kg	N	0.119 mg/kg	N	0.0325 mg/kg	N	0.1 mg/kg	N	0.0147 mg/kg	N	0.0274 mg/kg	N	0.1 mg/kg	N
D2-1	D2-1-4	2 to 4 feet bls	2/15/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
D2-2	D2-2-2	0 to 2 ft bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
D2-3	D2-3-2	0 to 2 ft bls	2/13/2013	0.000321 U mg/kg	N	0.062 mg/kg	N	0.0626 mg/kg	N	0.125 mg/kg	N	0.00334 mg/kg	N	0.0375 mg/kg	N	0.1 mg/kg	N
D2-4	D2-4-2	0 to 2 ft bls	2/15/2013	0.000321 U mg/kg	N	0.00757 mg/kg	N	0.00732 mg/kg	N	0.00921 mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	0.0 mg/kg	N
D2-4	D2-4-4	2 to 4 feet bls	2/15/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
D5-1	D5-1-2	0 to 2 ft bls	2/13/2013	0.000321 U mg/kg	N	0.00902 mg/kg	N	0.00024 U mg/kg	N	0.0152 mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	0.0 mg/kg	N
D5-1	D5-1-4	2 to 4 feet bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
D5-1	D5-1-6	4 to 6 feet bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
D5-2	D5-2-2	0 to 2 ft bls	2/13/2013	0.000321 U mg/kg	N	0.0065 mg/kg	N	0.00507 mg/kg	N	0.00931 mg/kg	N	0.000253 U mg/kg	N	0.0029 mg/kg	N	0.0 mg/kg	N
D5-2	D5-2-4	2 to 4 feet bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
D5-2	D5-2-6	4 to 6 feet bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
D5-3	D5-3-2	0 to 2 ft bls	2/13/2013	0.000321 U mg/kg	N	0.0128 mg/kg	N	0.00024 U mg/kg	N	0.0108 mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	0.0 mg/kg	N
D5-3	D5-3-4	2 to 4 feet bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
D5-3	D5-3-6	4 to 6 feet bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
D5-4	D5-4-2	0 to 2 ft bls	2/13/2013	0.000321 U mg/kg	N	0.00482 mg/kg	N	0.00724 mg/kg	N	0.0127 mg/kg	N	0.00248 mg/kg	N	0.00629 mg/kg	N	0.0 mg/kg	N
D5-4	D5-4-4	2 to 4 feet bls	2/13/2013	0.000321 U mg/kg	N	0.0441 mg/kg	N	0.0476 mg/kg	N	0.0857 mg/kg	N	0.0055 mg/kg	N	0.0133 mg/kg	N	0.1 mg/kg	N
D5-4	D5-4-6	4 to 6 feet bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.00608 mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	0.0 mg/kg	N
D5-5	D5-5-2	0 to 2 ft bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
D5-5	D5-5-4	2 to 4 feet bls	2/13/2013	0.000321 U mg/kg	N	0.017 mg/kg	N	0.0128 mg/kg	N	0.0178 mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	0.0 mg/kg	N
D5-5	D5-5-6	4 to 6 feet bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
D5-6	D5-6-2	0 to 2 ft bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
D5-6	D5-6-4	2 to 4 feet bls	2/13/2013	0.000321 U mg/kg	N	0.0417 mg/kg	N	0.0531 mg/kg	N	0.117 mg/kg	N	0.00952 mg/kg	N	0.0213 mg/kg	N	0.1 mg/kg	N
D5-6	D5-6-6	4 to 6 feet bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
D5-7	D5-7-2	0 to 2 ft bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
D5-7	D5-7-4	2 to 4 feet bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.0307 mg/kg	N	0.0301 mg/kg	N	0.000253 U mg/kg	N	0.155 mg/kg	N	0.0 mg/kg	N
D5-7	D5-7-6	4 to 6 feet bls	2/13/2013	0.000321 U mg/kg	N	0.00364 mg/kg	N	0.00444 mg/kg	N	0.013 mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	0.0 mg/kg	N
D5-8	D5-8-2	0 to 2 ft bls	2/13/2013	0.000321 U mg/kg	N	0.0253 mg/kg	N	0.0188 mg/kg	N	0.0268 mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	0.0 mg/kg	N
D5-8	D5-8-4	2 to 4 feet bls	2/13/2013	0.000321 U mg/kg	N	0.00787 mg/kg	N	0.00024 U mg/kg	N	0.0133 mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	0.0 mg/kg	N
D5-8	D5-8-6	4 to 6 feet bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
D6-1	D6-1-2	0 to 2 ft bls	2/13/2013	0.000321 U mg/kg	N	0.00308 mg/kg	N	0.00311 mg/kg	N	0.00864 mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	0.0 mg/kg	N
D6-1	D6-1-4	2 to 4 feet bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
D6-1	D6-1-6	4 to 6 feet bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
D8-1	D8-1-2	0 to 2 ft bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.00364 mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	0.0 mg/kg	N
D8-1	D8-1-4	2 to 4 feet bls	2/14/2013	0.000321 U mg/kg	N	0.0333 mg/kg	N	0.0202 mg/kg	N	0.0452 mg/kg	N	0.00712 mg/kg	N	0.0129 mg/kg	N	0.0 mg/kg	N
D8-1	D8-1-6	4 to 6 feet bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
D8-2	D8-2-2	0 to 2 ft bls	2/14/2013	0.0206 mg/kg	N	0.173 mg/kg	N	0.0486 mg/kg	N	0.176 mg/kg	N	0.00813 mg/kg	N	0.0163 mg/kg	N	0.1 mg/kg	N
D8-2	D8-2-4	2 to 4 feet bls	2/14/2013	0.000321 U mg/kg	N	0.0106 mg/kg	N	0.0118 mg/kg	N	0.0134 mg/kg	N	0.000253 U mg/kg	N	0.0108 mg/kg	N	0.0 mg/kg	N
D8-2	D8-2-6	4 to 6 feet bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
D8-3	D8-3-2	0 to 2 ft bls	2/14/2013	0.000321 U mg/kg	N	0.0363 mg/kg	N	0.0197 mg/kg	N	0.0575 mg/kg	N	0.000253 U mg/kg	N	0.0122 mg/kg	N	0.0 mg/kg	N
D8-3	D8-3-4	2 to 4 feet bls	2/14/2013	0.000321 U mg/kg	N	0.00318 mg/kg	N	0.00745 mg/kg	N	0.00759 mg/kg	N	0.000253 U mg/kg	N	0.00716 mg/kg	N	0.0 mg/kg	N
D8-3	D8-3-6	4 to 6 feet bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
D8-4	D8-4-2	0 to 2 ft bls	2/14/2013	0.000321 U mg/kg	N	0.00241 mg/kg	N	0.00641 mg/kg	N	0.00666 mg/kg	N	0.000253 U mg/kg	N	0.00619 mg/kg	N	0.0 mg/kg	N
D8-4	D8-4-4	2 to 4 feet bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
D8-4	D8-4-6	4 to 6 feet bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
D8-5	D8-5-2	0 to 2 ft bls	2/14/2013	0.000321 U mg/kg	N	0.00409 mg/kg	N	0.00882 mg/kg	N	0.0083 mg/kg	N	0.000253 U mg/kg	N	0.00791 mg/kg	N	0.0 mg/kg	N

TABLE F1B PAH RESULTS																	
Point ID	Sample Id	Sample Depth	Sample Date	Acenaphthene	Acenap_Exceed	Benzo (a) anthracene	BAA_Exceed	Benzo (a) pyrene	BAP_Exceed	Benzo (b) fluoranthene	BBF_Exceed	Dibenz (a,h) anthracene	Dibenz_Exceed	Indeno(1,2,3-cd)pyrene	Indeno_Exceed	Benzo(a)pyrene equivalents	BAPEQ_Exceed
D8-5	D8-5-4	2 to 4 feet bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
D8-5	D8-5-6	4 to 6 feet bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
D8-6	D8-6-2	0 to 2 ft bls	2/14/2013	0.000321 U mg/kg	N	0.006 mg/kg	N	0.00969 mg/kg	N	0.0113 mg/kg	N	0.00228 mg/kg	N	0.008 mg/kg	N	0.0 mg/kg	N
D8-6	D8-6-4	2 to 4 feet bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
D8-6	D8-6-6	4 to 6 feet bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
D8-7	D8-7-2	0 to 2 ft bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.00213 mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	0.0 mg/kg	N
D8-7	D8-7-4	2 to 4 feet bls	2/14/2013	0.000321 U mg/kg	N	0.00598 mg/kg	N	0.0074 mg/kg	N	0.00652 mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	0.0 mg/kg	N
D8-7	D8-7-6	4 to 6 feet bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
D8-8	D8-8-2	0 to 2 ft bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
D8-8	D8-8-4	2 to 4 feet bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
D8-8	D8-8-6	4 to 6 feet bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
D9-1	D9-1-2	0 to 2 ft bls	2/13/2013	0.000321 U mg/kg	N	0.00254 mg/kg	N	0.00551 mg/kg	N	0.00731 mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	0.0 mg/kg	N
D9-2	D9-2-2	0 to 2 ft bls	2/13/2013	0.000321 U mg/kg	N	0.00236 mg/kg	N	0.00024 U mg/kg	N	0.00895 mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	0.0 mg/kg	N
D9-2	D9-2-4	2 to 4 feet bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
D9-2	D9-2-6	4 to 6 feet bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
D9-3	D9-3-2	0 to 2 ft bls	2/13/2013	0.000321 U mg/kg	N	0.00336 mg/kg	N	0.00681 mg/kg	N	0.00974 mg/kg	N	0.000253 U mg/kg	N	0.00339 mg/kg	N	0.0 mg/kg	N
D9-3	D9-3-4	2 to 4 feet bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
D9-4	D9-4-2	0 to 2 ft bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
D9-4	D9-4-4	2 to 4 feet bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.0114 mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	0.0 mg/kg	N
D9-5	D9-5-2	0 to 2 ft bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
D9-5	D9-5-5	2 to 4 feet bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
D9-5	D9-5-8	6 to 8 feet bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
D9-6	D9-6-2	0 to 2 ft bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
D9-6	D9-6-4	2 to 4 feet bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
D9-6	D9-6-6	4 to 6 feet bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
D9-7	D9-7-2	0 to 2 ft bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
D9-7	D9-7-4	2 to 4 feet bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
D9-7	D9-7-6	4 to 6 feet bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
D9-8	D9-8-2	0 to 2 ft bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.00692 mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	0.0 mg/kg	N
D9-8	D9-8-4	2 to 4 feet bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
D9-8	D9-8-6	4 to 6 feet bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E2-1	E2-1-2	0 to 2 ft bls	2/15/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E2-1	E2-1-4	2 to 4 feet bls	2/15/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E2-1	E2-1-6	4 to 6 feet bls	2/15/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E2-2	E2-2-2	0 to 2 ft bls	2/15/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E2-2	E2-2-4	2 to 4 feet bls	2/15/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E2-2	E2-2-6	4 to 6 feet bls	2/15/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E2-3	E2-3-2	0 to 2 ft bls	2/15/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E2-3	E2-3-6	4 to 6 feet bls	2/15/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E2-4	E2-4-2	0 to 2 ft bls	2/15/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E2-4	E2-4-4	2 to 4 feet bls	2/15/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E2-4	E2-4-6	4 to 6 feet bls	2/15/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E2-5	E2-5-2	0 to 2 ft bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E2-5	E2-5-6	4 to 6 feet bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E2-6	E2-6-2	0 to 2 ft bls	2/13/2013	0.000321 U mg/kg	N	0.00903 mg/kg	N	0.0113 mg/kg	N	0.0179 mg/kg	N	0.000253 U mg/kg	N	0.00664 mg/kg	N	0.0 mg/kg	N
E2-6	E2-6-6	4 to 6 feet bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E2-7	E2-7-2	0 to 2 ft bls	2/13/2013	0.000321 U mg/kg	N	0.00371 mg/kg	N	0.0022 mg/kg	N	0.00577 mg/kg	N	0.000253 U mg/kg	N	0.00116 mg/kg	N	0.0 mg/kg	N
E2-7	E2-7-6	4 to 6 feet bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E2-8/E2-8R	E2-8-2	0 to 2 ft bls	2/13/2013	0.00205 mg/kg	N	0.141 mg/kg	N	0.202 mg/kg	RDE	0.297 mg/kg	N	0.0519 mg/kg	N	0.1 mg/kg	N	0.3 mg/kg	RDE
E2-8/E2-8R	E2-8R-04	2 to 4 feet bls	6/26/2014	0.014 U mg/kg	N	0.011 U mg/kg	N	0.0044 U mg/kg	N	0.028 U mg/kg	N	0.011 U mg/kg	N	0.045 mg/kg	N	N/A	N
E2-8/E2-8R	E2-8-6	4 to 6 feet bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E3-1	E3-1-2	0 to 2 ft bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E3-1	E3-1-4	2 to 4 feet bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E3-2	E3-2-2	0 to 2 ft bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E3-2	E3-2-4	2 to 4 feet bls	2/13/2013	0.000321 U mg/kg	N	0.0219 mg/kg	N	0.0412 mg/kg	N	0.107 mg/kg	N	0.00748 mg/kg	N	0.0197 mg/kg	N	0.1 mg/kg	N
E3-2	E3-2-6	4 to 6 feet bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E3-2	E3-2-8	6 to 8 feet bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E3-2	E3-2-10	8 to 10 feet bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E3-3	E3-3-2	0 to 2 ft bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E3-3	E3-3-4	2 to 4 feet bls	2/13/2013	0.000321 U mg/kg	N	0.00257 mg/kg	N	0.00024 U mg/kg	N	0.0107 mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	0.0 mg/kg	N
E3-3	E3-3-6	4 to 6 feet bls	2/13/2013	0.00277 mg/kg	N	0.171 mg/kg	N	0.194 mg/kg	RDE	0.469 mg/kg	N	0.0439 mg/kg	N	0.0809 mg/kg	N	0.3 mg/kg	RDE
E3-3	E3-3-8	6 to 8 feet bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E3-3	E3-3-10	8 to 10 feet bls	2/13/2013	0.00178 mg/kg	N	0.0977 mg/kg	N	0.117 mg/kg	RDE	0.298 mg/kg	N	0.0237 mg/kg	N	0.0504 mg/kg	N	0.2 mg/kg	RDE
E3-4	E3-4-2	0 to 2 ft bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E3-4	E3-4-4	2 to 4 feet bls	2/13/2013	0.000321 U mg/kg	N	0.0525 mg/kg	N	0.163 mg/kg	RDE	0.482 mg/kg	N	0.00731 mg/kg	N	0.112 mg/kg	N	0.2 mg/kg	RDE
E3-4	E3-4-6	4 to 6 feet bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E3-4	E3-4-8	6 to 8 feet bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E3-4	E3-4-10	8 to 10 feet bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N

TABLE F1B PAH RESULTS																	
Point ID	Sample Id	Sample Depth	Sample Date	Acenaphthene	Acenap_Exceed	Benzo (a) anthracene	BAA_Exceed	Benzo (a) pyrene	BAP_Exceed	Benzo (b) fluoranthene	BBF_Exceed	Dibenz (a,h) anthracene	Dibenz_Exceed	Indeno(1,2,3-cd)pyrene	Indeno_Exceed	Benzo(a)pyrene equivalents	BAPEQ_Exceed
E3-5	E3-5-2	0 to 2 ft bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E3-5	E3-5-6	4 to 6 feet bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E3-6	E3-6-2	0 to 2 ft bls	2/13/2013	0.00123 mg/kg	N	0.207 mg/kg	N	0.399 mg/kg	RDE	0.847 mg/kg	N	0.0164 mg/kg	N	0.185 mg/kg	N	0.5 mg/kg	RDE
E3-6	E3-6-4	2 to 4 feet bls	2/13/2013	0.000321 U mg/kg	N	0.0658 mg/kg	N	0.092 mg/kg	N	0.201 mg/kg	N	0.0152 mg/kg	N	0.0378 mg/kg	N	0.1 mg/kg	N
E3-6	E3-6-6	4 to 6 feet bls	2/13/2013	0.000321 U mg/kg	N	0.0276 mg/kg	N	0.0534 mg/kg	N	0.1 mg/kg	N	0.00787 mg/kg	N	0.0227 mg/kg	N	0.1 mg/kg	N
E3-6	E3-6-8	6 to 8 feet bls	2/13/2013	0.000321 U mg/kg	N	0.00937 mg/kg	N	0.0172 mg/kg	N	0.0314 mg/kg	N	0.000253 U mg/kg	N	0.0065 mg/kg	N	0.0 mg/kg	N
E3-6	E3-6-10	8 to 10 feet bls	2/13/2013	0.000321 U mg/kg	N	0.0437 mg/kg	N	0.0802 mg/kg	N	0.147 mg/kg	N	0.0125 mg/kg	N	0.0312 mg/kg	N	0.1 mg/kg	N
E3-7	E3-7-2	0 to 2 ft bls	2/13/2013	0.00616 mg/kg	N	0.337 mg/kg	N	0.413 mg/kg	N	0.899 mg/kg	N	0.111 mg/kg	N	0.232 mg/kg	N	0.7 mg/kg	RDE
E3-7	E3-7-6	4 to 6 feet bls	2/13/2013	0.000321 U mg/kg	N	0.00405 mg/kg	N	0.00024 U mg/kg	N	0.0121 mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	0.0 mg/kg	N
E3-8	E3-8-2	0 to 2 ft bls	2/13/2013	0.000321 U mg/kg	N	0.0328 mg/kg	N	0.0427 mg/kg	N	0.0812 mg/kg	N	0.00726 mg/kg	N	0.0159 mg/kg	N	0.1 mg/kg	N
E3-8	E3-8-6	4 to 6 feet bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E4-1	E4-1-2	0 to 2 ft bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E4-1	E4-1-4	2 to 4 feet bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E4-2	E4-2-4	2 to 4 feet bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E4-3	E4-3-2	0 to 2 ft bls	2/14/2013	0.000321 U mg/kg	N	0.00371 mg/kg	N	0.00268 mg/kg	N	0.00673 mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	0.0 mg/kg	N
E4-3	E4-3-6	4 to 6 feet bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E4-3	E4-3-10	8 to 10 feet bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E4-4	E4-4-2	0 to 2 ft bls	2/14/2013	0.000321 U mg/kg	N	0.0113 mg/kg	N	0.0141 mg/kg	N	0.0315 mg/kg	N	0.000253 U mg/kg	N	0.00497 mg/kg	N	0.0 mg/kg	N
E4-4	E4-4-4	2 to 4 feet bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E4-4	E4-4-10	4 to 6 feet bls	2/14/2013	0.000321 U mg/kg	N	0.00136 mg/kg	N	0.00024 U mg/kg	N	0.00605 mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	0.0 mg/kg	N
E4-5	E4-5-2	0 to 2 ft bls	2/15/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E4-5	E4-5-4	2 to 4 feet bls	2/15/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E4-5	E4-5-6	4 to 6 feet bls	2/15/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E4-5	E4-5-8	6 to 8 feet bls	2/15/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E4-5	E4-5-10	8 to 10 feet bls	2/15/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E4-6	E4-6-2	0 to 2 ft bls	2/14/2013	0.00262 mg/kg	N	0.239 J-03 mg/kg	N	0.219 mg/kg	RDE	0.386 mg/kg	N	0.0348 mg/kg	N	0.064 J-03 mg/kg	N	0.3 mg/kg	RDE
E4-6	E4-6-4	2 to 4 feet bls	2/14/2013	0.00241 mg/kg	N	0.0673 mg/kg	N	0.139 mg/kg	RDE	0.212 mg/kg	N	0.0244 mg/kg	N	0.111 mg/kg	N	0.2 mg/kg	RDE
E4-6	E4-6-9	8 to 10 feet bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E4-7	E4-7-2	0 to 2 ft bls	2/14/2013	0.000321 U mg/kg	N	0.0018 mg/kg	N	0.00024 U mg/kg	N	0.00635 mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	0.0 mg/kg	N
E4-7	E4-7-4	2 to 4 feet bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E4-8	E4-8-2	0 to 2 ft bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E4-8	E4-8-4	2 to 4 feet bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E4-8	E4-8-6	4 to 6 feet bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E5-1	E5-1-2	0 to 2 ft bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E5-1	E5-1-4	2 to 4 feet bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E5-2	E5-2-2	0 to 2 ft bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E5-2	E5-2-4	2 to 4 feet bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E5-3	E5-3-2	0 to 2 ft bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E5-3	E5-3-4	2 to 4 feet bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E5-4	E5-4-2	0 to 2 ft bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E5-4	E5-4-4	2 to 4 feet bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E5-5	E5-5-2	0 to 2 ft bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.00708 mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	0.0 mg/kg	N
E5-5	E5-5-4	2 to 4 feet bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E5-6	E5-6-2	0 to 2 ft bls	2/13/2013	0.000321 U mg/kg	N	0.0208 mg/kg	N	0.0192 mg/kg	N	0.039 mg/kg	N	0.000253 U mg/kg	N	0.0329 mg/kg	N	0.0 mg/kg	N
E5-6	E5-6-4	2 to 4 feet bls	2/13/2013	0.000321 U mg/kg	N	0.0601 mg/kg	N	0.0559 mg/kg	N	0.118 mg/kg	N	0.0251 mg/kg	N	0.0884 mg/kg	N	0.1 mg/kg	N
E5-6	E5-6-7	4 to 6 feet bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E5-7	E5-7-1	0 to 2 ft bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	0.0 mg/kg	N
E5-7	E5-7-3	2 to 4 feet bls	2/13/2013	0.000321 U mg/kg	N	0.404 J-03 mg/kg	N	0.227 mg/kg	RDE	0.617 mg/kg	N	0.0403 J-03 mg/kg	N	0.24 J-03 mg/kg	N	0.4 mg/kg	RDE
E5-7	E5-7-5	4 to 6 feet bls	2/13/2013	0.000321 U mg/kg	N	0.0138 mg/kg	N	0.00944 mg/kg	N	0.0153 mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	0.0 mg/kg	N
E5-8	E5-8-2	0 to 2 ft bls	2/14/2013	0.000321 U mg/kg	N	0.00277 mg/kg	N	0.00581 mg/kg	N	0.00473 mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	0.0 mg/kg	N
E5-8	E5-8-4	2 to 4 feet bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E6-1	E6-1-2	0 to 2 ft bls	2/14/2013	0.000321 U mg/kg	N	0.0064 mg/kg	N	0.00798 mg/kg	N	0.0106 mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	0.0 mg/kg	N
E6-1	E6-1-4	2 to 4 feet bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E6-2	E6-2-2	0 to 2 ft bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E6-2	E6-2-4	2 to 4 feet bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E6-3	E6-3-2	0 to 2 ft bls	2/14/2013	0.000321 U mg/kg	N	0.0219 mg/kg	N	0.02 mg/kg	N	0.0679 mg/kg	N	0.00448 mg/kg	N	0.0241 mg/kg	N	0.0 mg/kg	N
E6-3	E6-3-4	2 to 4 feet bls	2/14/2013	0.000321 U mg/kg	N	0.00311 mg/kg	N	0.0154 mg/kg	N	0.0432 mg/kg	N	0.00734 mg/kg	N	0.014 mg/kg	N	0.0 mg/kg	N
E6-4	E6-4-2	0 to 2 ft bls	2/14/2013	0.000321 U mg/kg	N	0.00358 mg/kg	N	0.00695 mg/kg	N	0.00873 mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	0.0 mg/kg	N
E6-4	E6-4-4	2 to 4 feet bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E6-5	E6-5-2	0 to 2 ft bls	2/14/2013	0.000321 U mg/kg	N	0.00669 mg/kg	N	0.0124 mg/kg	N	0.0333 mg/kg	N	0.000253 U mg/kg	N	0.0155 mg/kg	N	0.0 mg/kg	N
E6-5	E6-5-4	2 to 4 feet bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E6-6	E6-6-2	0 to 2 ft bls	2/14/2013	0.000321 U mg/kg	N	0.0112 mg/kg	N	0.0308 mg/kg	N	0.103 mg/kg	N	0.00893 mg/kg	N	0.019 mg/kg	N	0.1 mg/kg	N
E6-6	E6-6-4	2 to 4 feet bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E6-7	E6-7-2	0 to 2 ft bls	2/13/2013	0.000321 U mg/kg	N	0.00334 mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	0.0 mg/kg	N
E6-7	E6-7-4	2 to 4 feet bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E6-7	E6-7-6	4 to 6 feet bls	2/13/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E7-1	E7-1-2	0 to 2 ft bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E7-1	E7-1-4	2 to 4 feet bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N

TABLE F1B PAH RESULTS																	
Point ID	Sample Id	Sample Depth	Sample Date	Acenaphthene	Acenap_Exceed	Benzo (a) anthracene	BAA_Exceed	Benzo (a) pyrene	BAP_Exceed	Benzo (b) fluoranthene	BBF_Exceed	Dibenz (a,h) anthracene	Dibenz_Exceed	Indeno(1,2,3-cd)pyrene	Indeno_Exceed	Benzo(a)pyrene equivalents	BAPEQ_Exceed
E7-2	E7-2-2	0 to 2 ft bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E7-2	E7-2-4	2 to 4 feet bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E7-3	E7-3-2	0 to 2 ft bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E7-3	E7-3-4	2 to 4 feet bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E7-4	E7-4-2	0 to 2 ft bls	2/14/2013	0.000321 U mg/kg	N	0.0104 mg/kg	N	0.0122 mg/kg	N	0.0152 mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	0.0 mg/kg	N
E7-4	E7-4-4	2 to 4 feet bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E7-5	E7-5-2	0 to 2 ft bls	2/14/2013	0.000321 U mg/kg	N	0.00601 mg/kg	N	0.00701 mg/kg	N	0.00696 mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	0.0 mg/kg	N
E7-5	E7-5-4	2 to 4 feet bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E7-6	E7-6-2	0 to 2 ft bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E7-6	E7-6-4	2 to 4 feet bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E7-7	E7-7-2	0 to 2 ft bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E7-7	E7-7-4	2 to 4 feet bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.00858 mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	0.0 mg/kg	N
E7-8	E7-8-2	0 to 2 ft bls	2/14/2013	0.000321 U mg/kg	N	0.276 mg/kg	N	0.101 mg/kg	RDE	0.366 mg/kg	N	0.0189 mg/kg	N	0.0888 mg/kg	N	0.2 mg/kg	RDE
E7-8	E7-8-4	2 to 4 feet bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E8-1	E8-1-2	0 to 2 ft bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E8-1	E8-1-4	2 to 4 feet bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00999 mg/kg	N	0.0208 mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	0.0 mg/kg	N
E8-2	E8-2-2	0 to 2 ft bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	0.0 mg/kg	N
E8-2	E8-2-4	2 to 4 feet bls	2/14/2013	0.000321 U mg/kg	N	0.00622 mg/kg	N	0.00849 mg/kg	N	0.0116 mg/kg	N	0.000253 U mg/kg	N	0.00745 mg/kg	N	0.0 mg/kg	N
E8-2	E8-2-6	4 to 6 feet bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E8-3	E8-3-2	0 to 2 ft bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E8-3	E8-3-4	2 to 4 feet bls	2/14/2013	0.000321 U mg/kg	N	0.00611 mg/kg	N	0.00783 mg/kg	N	0.0104 mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	0.0 mg/kg	N
E8-3	E8-3-6	4 to 6 feet bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E8-4	E8-4-2	0 to 2 ft bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E8-4	E8-4-4	2 to 4 feet bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E8-4	E8-4-6	4 to 6 feet bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E8-5	E8-5-2	0 to 2 ft bls	2/14/2013	0.000964 U mg/kg	N	0.00401 mg/kg	N	0.00443 mg/kg	N	0.0103 mg/kg	N	0.000253 U mg/kg	N	0.000442 U mg/kg	N	0.0 mg/kg	N
E8-5	E8-5-4	2 to 4 feet bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E8-5	E8-5-6	4 to 6 feet bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E8-6	E8-6-2	0 to 2 ft bls	2/14/2013	0.000321 U mg/kg	N	0.00818 mg/kg	N	0.01 mg/kg	N	0.0207 mg/kg	N	0.000253 U mg/kg	N	0.00385 mg/kg	N	0.0 mg/kg	N
E8-6	E8-6-4	2 to 4 feet bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E8-6	E8-6-6	4 to 6 feet bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E8-7	E8-7-2	0 to 2 ft bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E8-7	E8-7-4	2 to 4 feet bls	2/14/2013	0.000321 U mg/kg	N	0.00241 mg/kg	N	0.00024 U mg/kg	N	0.00698 mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	0.0 mg/kg	N
E8-7	E8-7-6	4 to 6 feet bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E8-8	E8-8-2	0 to 2 ft bls	2/14/2013	0.000321 U mg/kg	N	0.00722 mg/kg	N	0.00469 mg/kg	N	0.00801 mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	0.0 mg/kg	N
E8-8	E8-8-4	2 to 4 feet bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
E8-8	E8-8-6	4 to 6 feet bls	2/14/2013	0.000321 U mg/kg	N	0.000353 U mg/kg	N	0.00024 U mg/kg	N	0.000433 U mg/kg	N	0.000253 U mg/kg	N	0.000147 U mg/kg	N	N/A	N
PT_IDL	Sample_Id	Sample_Dep	Sample_Dat	Acenap	Acenap_E	BAA	BAA_E	BAP	BAP_E	BBF	BBF_E	Dibenz	Dibenz_E	Indeno	Indeno_E	BAPE	BAPE_E
SB012	SB012-0.5	0 to 0.5 feet bls	6/26/2014	0.027 U mg/kg	N	0.070i mg/kg	N	0.13 mg/kg	RDE	0.22 mg/kg	N	0.021 U mg/kg	N	0.11 mg/kg	N	0.2 mg/kg	RDE
SB012	SB012-02	0.5 to 2 feet bls	6/26/2014	0.014 U mg/kg	N	0.011 U mg/kg	N	0.0044 U mg/kg	N	0.029 U mg/kg	N	0.011 U mg/kg	N	0.015 U mg/kg	N	N/A	N
SB012	SB012-04	2 to 4 feet bls	6/26/2014	0.014 U mg/kg	N	0.011 U mg/kg	N	0.0045 U mg/kg	N	0.029 U mg/kg	N	0.011 U mg/kg	N	0.015 U mg/kg	N	N/A	N
SB012	SB012-06	4 to 6 feet bls	6/26/2014	0.021 U mg/kg	N	0.016 U mg/kg	N	0.0066 U mg/kg	N	0.043 U mg/kg	N	0.016 U mg/kg	N	0.022 U mg/kg	N	N/A	N
SB021	SB021-0.5	0 to 0.5 feet bls	7/16/2014	0.047i mg/kg	N	0.202 mg/kg	N	0.264 mg/kg	RDE	0.421 mg/kg	N	0.166 mg/kg	N	0.338 mg/kg	N	0.5 mg/kg	RDE
SB021	SB021-02	0.5 to 2 feet bls	7/16/2014	0.034 U mg/kg	N	0.021 U mg/kg	N	0.018 U mg/kg	N	0.059 U mg/kg	N	0.013 U mg/kg	N	0.013 U mg/kg	N	N/A	N
WP005	WP005-0.5	0 to 0.5 feet bls	6/26/2014	0.028 U mg/kg	N	0.46 mg/kg	N	0.44 mg/kg	RDE	0.93 mg/kg	N	0.088 mg/kg	N	0.31 mg/kg	N	0.7 mg/kg	RDE
WP005	WP005-02	0.5 to 2 feet bls	6/26/2014	0.027 U mg/kg	N	0.022 U mg/kg	N	0.0087 U mg/kg	N	0.056 U mg/kg	N	0.021 U mg/kg	N	0.029 U mg/kg	N	N/A	N
WP005	WP005-04	2 to 4 feet bls	6/26/2014	6/26/2014	0.014 U mg/kg	0.026i mg/kg	N	0.035i mg/kg	N	0.086 mg/kg	N	0.011 U mg/kg	N	0.072 mg/kg	N	0.1 mg/kg	N
WP005	WP005-06	4 to 6 feet bls	6/26/2014	0.014 U mg/kg	N	0.011 U mg/kg	N	0.0050i mg/kg	N	0.030 U mg/kg	N	0.011 U mg/kg	N	0.050 mg/kg	N	N/A	N
WP006	WP006-0.5	0 to 0.5 feet bls	6/26/2014	0.16 mg/kg	N	3.2 mg/kg	L	2.7 mg/kg	CIDE	5.0 mg/kg	L	0.26 mg/kg	N	1.5 mg/kg	N	3.9 mg/kg	CIDE
WP006	WP006-02	0.5 to 2 feet bls	6/26/2014	0.041i mg/kg	N	0.97 mg/kg	L	0.77 mg/kg	CIDE	1.4 mg/kg	N	0.27 mg/kg	N	0.49 mg/kg	N	1.3 mg/kg	CIDE
WP006	WP006-04	2 to 4 feet bls	6/26/2014	6/26/2014	0.014 U mg/kg	0.011 U mg/kg	N	0.0082i mg/kg	N	0.029 U mg/kg	N	0.011 U mg/kg	N	0.052 mg/kg	N	N/A	N
WP006	WP006-06	4 to 6 feet bls	6/26/2014	0.015 U mg/kg	N	0.012 U mg/kg	N	0.0051i mg/kg	N	0.030 U mg/kg	N	0.011 U mg/kg	N	0.051 mg/kg	N	N/A	N
WP007	WP007-0.5	0 to 0.5 feet bls	6/26/2014	0.20 U mg/kg	N	12.9 mg/kg	L	13.4 mg/kg	CIDE	26.8 mg/kg	L	3.3 mg/kg	L	9.7 mg/kg	L	21.7 mg/kg	CIDE
WP007	WP007-02	0.5 to 2 feet bls	6/26/2014	0.014 U mg/kg	N	0.10 mg/kg	N	0.16 mg/kg	RDE	0.37 mg/kg	N	0.078 mg/kg	N	0.17 mg/kg	N	0.3 mg/kg	RDE
WP007	WP007-04	2 to 4 feet bls	6/26/2014	6/26/2014	0.014 U mg/kg	0.013i mg/kg	N	0.013i mg/kg	N	0.028 U mg/kg	N	0.011 U mg/kg	N	0.054 mg/kg	N	N/A	N
WP007	WP007-06	4 to 6 feet bls	6/26/2014	0.014 U mg/kg	N	0.011 U mg/kg	N	0.0044 U mg/kg	N	0.029 U mg/kg	N	0.011 U mg/kg	N	0.015 U mg/kg	N	N/A	N
WP008	WP008-0.5	0 to 0.5 feet bls	6/26/2014	0.028 U mg/kg	N	0.12 mg/kg	N	0.19 mg/kg	RDE	0.42 mg/kg	N	0.14 mg/kg	N	0.24 mg/kg	N	0.4 mg/kg	RDE
WP008	WP008-02	0.5 to 2 feet bls	6/26/2014	0.014 U mg/kg	N	0.011 U mg/kg	N	0.0045 U mg/kg	N	0.029 U mg/kg	N	0.011 U mg/kg	N	0.015 U mg/kg	N	N/A	N
WP008	WP008-04	2 to 4 feet bls	6/26/2014	6/26/2014	0.014 U mg/kg	0.011 U mg/kg	N	0.0046 U mg/kg	N	0.029 U mg/kg	N	0.011 U mg/kg	N	0.015 U mg/kg	N	N/A	N
WP008	WP008-06	4 to 6 feet bls	6/26/2014	0.014 U mg/kg	N	0.064 mg/kg	N	0.094 mg/kg	N	0.24 mg/kg	N	0.069 mg/kg	N	0.12 mg/kg	N	0.2 mg/kg	RDE
WP009	WP009-02	0 to 2 feet bls	6/26/2014	0.026 U mg/kg	N	0.021 U mg/kg	N	0.016i mg/kg	N	0.053 U mg/kg	N	0.020 U mg/kg	N	0.093 mg/kg	N	N/A	N
WP009	WP009-04	2 to 4 feet bls	6/26/2014	6/26/2014	0.014 U mg/kg	0.011 U mg/kg	N	0.0044 U mg/kg	N	0.028 U mg/kg	N	0.011 U mg/kg	N	0.015 U mg/kg	N	N/A	N
WP009	WP009-06	4 to 6 feet bls	6/26/2014	0.028 U mg/kg	N	0.022 U mg/kg	N	0.0091 U mg/kg	N	0.058 U mg/kg	N	0.022 U mg/kg	N	0.030 U mg/kg	N	N/A	N
WP010	WP010-02	0 to 2 feet bls	6/26/2014	0.013 U mg/kg	N	0.051 mg/kg	N	0.068 mg/kg	N	0.15 mg/kg	N	0.057 mg/kg	N	0.097 mg/kg	N	0.2 mg/kg	RDE
WP010	WP010-04	2 to 4 feet bls	6/26/2014	6/26/2014	0.013 U mg/kg	0.024i mg/kg	N	0.027i mg/kg	N	0.050 mg/kg	N	0.050 mg/kg	N	0.059 mg/kg	N	0.1 mg/kg	N
WP010	WP010-06	4 to 6 feet bls	6/26/2014	0.016 U mg/kg	N	0.012 U mg/kg	N	0.0068i mg/kg	N	0.032 U mg/kg	N	0.012 U mg/kg	N	0.017 U mg/kg	N	N/A	N
WP011	WP011-02	0 to 2 feet bls	6/26/2014	0.013 U mg/kg	N	0.021i mg/kg	N	0.034i mg/kg	N	0.071 mg/kg	N	0.053 mg/kg	N	0.068 mg/kg	N	0.1 mg/kg	N
WP011	WP011-04	2 to 4 feet bls	6/26/2014	6/26/2014	0.014 U mg/kg	0.011 U mg/kg	N	0.0046 U mg/kg	N	0.030 U mg/kg	N	0.011 U mg/kg	N	0.015 U mg/kg	N	N/A	N

TABLE F1B PAH RESULTS																	
Point ID	Sample Id	Sample Depth	Sample Date	Acenaphthene	Acenap_Exceed	Benzo (a) anthracene	BAA_Exceed	Benzo (a) pyrene	BAP_Exceed	Benzo (b) fluoranthene	BBF_Exceed	Dibenz (a,h) anthracene	Dibenz_Exceed	Indeno(1,2,3-cd)pyrene	Indeno_Exceed	Benzo(a)pyrene equivalents	BAPEQ_Exceed
WP011	WP011-06	4 to 6 feet bls	6/26/2014	0.014 U mg/kg	N	0.011 U mg/kg	N	0.0093i mg/kg	N	0.029 U mg/kg	N	0.011 U mg/kg	N	0.015 U mg/kg	N	N/A	N
WP012	WP012-02	0 to 2 feet bls	6/26/2014	0.029i mg/kg	N	3.0 mg/kg	L	2.4 mg/kg	CIDE	4.8 mg/kg	L	0.45 mg/kg	N	1.3 mg/kg	N	3.8 mg/kg	CIDE
WP012	WP012-04	2 to 4 feet bls	6/26/2014	6/26/2014	0.040 U mg/kg	0.055i mg/kg	N	0.059i mg/kg	N	0.083 U mg/kg	N	0.031 U mg/kg	N	0.043 U mg/kg	N	0.1 mg/kg	N
WP012	WP012-06	4 to 6 feet bls	6/26/2014	0.014 U mg/kg	N	0.013i mg/kg	N	0.0045 U mg/kg	N	0.029 U mg/kg	N	0.011 U mg/kg	N	0.015 U mg/kg	N	N/A	N
WP013	WP013-02	0 to 2 feet bls	6/26/2014	0.026 U mg/kg	N	0.14 mg/kg	N	0.21 mg/kg	RDE	0.46 mg/kg	N	0.045i mg/kg	N	0.15 mg/kg	N	0.3 mg/kg	RDE
WP013	WP013-04	2 to 4 feet bls	6/26/2014	6/26/2014	0.14 U mg/kg	0.47 mg/kg	N	0.60 mg/kg	RDE	0.63 mg/kg	N	0.11 U mg/kg	N	0.29i mg/kg	N	0.8 mg/kg	CIDE
WP013	WP013-06	4 to 6 feet bls	6/26/2014	0.030 U mg/kg	N	0.024 U mg/kg	N	0.0098 U mg/kg	N	0.063 U mg/kg	N	0.024 U mg/kg	N	0.033 U mg/kg	N	N/A	N
WP013	WP013-08	6 to 8 feet bls	6/26/2014	0.030 U mg/kg	N	0.024 U mg/kg	N	0.0095 U mg/kg	N	0.061 U mg/kg	N	0.023 U mg/kg	N	0.032 U mg/kg	N	N/A	N
WP013	WP013-10	8 to 10 feet bls	6/26/2014	0.029 U mg/kg	N	0.023 U mg/kg	N	0.0092 U mg/kg	N	0.059 U mg/kg	N	0.022 U mg/kg	N	0.031 U mg/kg	N	N/A	N
WP014	WP014-02	0 to 2 feet bls	6/26/2014	0.068 U mg/kg	N	0.093i mg/kg	N	0.066i mg/kg	N	0.16i mg/kg	N	0.053 U mg/kg	N	0.072 U mg/kg	N	0.1 mg/kg	N
WP014	WP014-04	2 to 4 feet bls	6/26/2014	6/26/2014	0.014 U mg/kg	0.076 mg/kg	N	0.077 mg/kg	N	0.15 mg/kg	N	0.014i mg/kg	N	0.044 mg/kg	N	0.1 mg/kg	N
WP014	WP014-06	4 to 6 feet bls	6/26/2014	0.026 U mg/kg	N	0.25 mg/kg	N	0.33 mg/kg	RDE	0.63 mg/kg	N	0.046i mg/kg	N	0.25 mg/kg	N	0.5 mg/kg	RDE
WP014	WP014-08	6 to 8 feet bls	6/26/2014	0.027 U mg/kg	N	0.053i mg/kg	N	0.061i mg/kg	N	0.11 mg/kg	N	0.022 U mg/kg	N	0.043i mg/kg	N	0.1 mg/kg	N
WP014	WP014-10	8 to 10 feet bls	6/26/2014	0.014 U mg/kg	N	0.043 mg/kg	N	0.056 mg/kg	N	0.12 mg/kg	N	0.011 U mg/kg	N	0.040 mg/kg	N	0.1 mg/kg	N
WP015	WP015-02	0 to 2 feet bls	6/26/2014	0.026 U mg/kg	N	0.021 U mg/kg	N	0.0084 U mg/kg	N	0.054 U mg/kg	N	0.021 U mg/kg	N	0.028 U mg/kg	N	N/A	N
WP015	WP015-04	2 to 4 feet bls	6/26/2014	6/26/2014	0.026 U mg/kg	0.021 U mg/kg	N	0.0083 U mg/kg	N	0.054 U mg/kg	N	0.020 U mg/kg	N	0.028 U mg/kg	N	N/A	N
WP015	WP015-06	4 to 6 feet bls	6/26/2014	0.028 U mg/kg	N	0.022 U mg/kg	N	0.0090 U mg/kg	N	0.058 U mg/kg	N	0.022 U mg/kg	N	0.030 U mg/kg	N	N/A	N
WP015	WP015-08	6 to 8 feet bls	6/26/2014	0.029 U mg/kg	N	0.023 U mg/kg	N	0.0093 U mg/kg	N	0.060 U mg/kg	N	0.023 U mg/kg	N	0.031 U mg/kg	N	N/A	N
WP016	WP016-02	0 to 2 feet bls	6/26/2014	0.027 U mg/kg	N	0.41 mg/kg	N	0.49 mg/kg	RDE	0.96 mg/kg	N	0.080 mg/kg	N	0.36 mg/kg	N	0.7 mg/kg	RDE
WP016	WP016-04	2 to 4 feet bls	6/26/2014	6/26/2014	0.013 U mg/kg	0.010 U mg/kg	N	0.0041 U mg/kg	N	0.026 U mg/kg	N	0.010 U mg/kg	N	0.014 U mg/kg	N	N/A	N
WP016	WP016-06	4 to 6 feet bls	6/26/2014	0.014 U mg/kg	N	0.011 U mg/kg	N	0.0046 U mg/kg	N	0.029 U mg/kg	N	0.011 U mg/kg	N	0.015 U mg/kg	N	N/A	N
WP016	WP016-08	6 to 8 feet bls	6/26/2014	0.014 U mg/kg	N	0.011 U mg/kg	N	0.0045 U mg/kg	N	0.029 U mg/kg	N	0.011 U mg/kg	N	0.015 U mg/kg	N	N/A	N
WP029	WP029-0.5	0 to 0.5 feet bls	6/26/2014	0.14 U mg/kg	N	0.37i mg/kg	N	0.35i mg/kg	RDE	0.69 mg/kg	N	0.55 mg/kg	N	0.66 mg/kg	N	1.1 mg/kg	CIDE
WP029	WP029-02	0.5 to 2 feet bls	6/26/2014	0.014 U mg/kg	N	0.011 U mg/kg	N	0.0044 U mg/kg	N	0.029 U mg/kg	N	0.011 U mg/kg	N	0.015 U mg/kg	N	N/A	N
WP029	WP029-04	2 to 4 feet bls	6/26/2014	6/26/2014	0.014 U mg/kg	0.011 U mg/kg	N	0.0043 U mg/kg	N	0.028 U mg/kg	N	0.011 U mg/kg	N	0.014 U mg/kg	N	N/A	N
WP029	WP029-06	4 to 6 feet bls	6/26/2014	0.014 U mg/kg	N	0.011 U mg/kg	N	0.0043 U mg/kg	N	0.028 U mg/kg	N	0.011 U mg/kg	N	0.014 U mg/kg	N	N/A	N
WP029	WP029-08	6 to 8 feet bls	6/26/2014	0.014 U mg/kg	N	0.011 U mg/kg	N	0.0046 U mg/kg	N	0.030 U mg/kg	N	0.011 U mg/kg	N	0.015 U mg/kg	N	N/A	N
WP029	WP029-10	8 to 10 feet bls	6/26/2014	0.015 U mg/kg	N	0.012 U mg/kg	N	0.0047 U mg/kg	N	0.030 U mg/kg	N	0.011 U mg/kg	N	0.016 U mg/kg	N	N/A	N
WP030	WP030-0.5	0 to 0.5 feet bls	6/26/2014	0.014 U mg/kg	N	0.074 mg/kg	N	0.13 mg/kg	RDE	0.30 mg/kg	N	0.076 mg/kg	N	0.14 mg/kg	N	0.3 mg/kg	RDE
WP030	WP030-02	0.5 to 2 feet bls	6/26/2014	0.013 U mg/kg	N	0.022i mg/kg	N	0.026i mg/kg	N	0.059 mg/kg	N	0.010 U mg/kg	N	0.062 mg/kg	N	N/A	N
WP030	WP030-04	2 to 4 feet bls	6/26/2014	6/26/2014	0.013 U mg/kg	0.022i mg/kg	N	0.030i mg/kg	N	0.073 mg/kg	N	0.010 U mg/kg	N	0.066 mg/kg	N	0.1 mg/kg	N
WP030	WP030-06	4 to 6 feet bls	6/26/2014	0.013 U mg/kg	N	0.017i mg/kg	N	0.014i mg/kg	N	0.027 U mg/kg	N	0.010 U mg/kg	N	0.014 U mg/kg	N	N/A	N
WP030	WP030-08	6 to 8 feet bls	6/26/2014	0.014 U mg/kg	N	0.018i mg/kg	N	0.019i mg/kg	N	0.034i mg/kg	N	0.011 U mg/kg	N	0.015 U mg/kg	N	N/A	N
WP031	WP031-0.5	0 to 0.5 feet bls	6/26/2014	0.013 U mg/kg	N	0.010 U mg/kg	N	0.0051i mg/kg	N	0.026 U mg/kg	N	0.010 U mg/kg	N	0.014 U mg/kg	N	N/A	N
WP031	WP031-02	0.5 to 2 feet bls	6/26/2014	0.014 U mg/kg	N	0.011 U mg/kg	N	0.0045 U mg/kg	N	0.029 U mg/kg	N	0.011 U mg/kg	N	0.015 U mg/kg	N	N/A	N
WP031	WP031-04	2 to 4 feet bls	6/26/2014	6/26/2014	0.013 U mg/kg	0.36 mg/kg	N	0.33 mg/kg	RDE	0.56 mg/kg	N	0.10 mg/kg	N	0.22 mg/kg	N	0.5 mg/kg	RDE
WP031	WP031-6	4 to 6 feet bls	6/26/2014	0.014 U mg/kg	N	0.011 U mg/kg	N	0.0044 U mg/kg	N	0.029 U mg/kg	N	0.011 U mg/kg	N	0.015 U mg/kg	N	N/A	N
WP031	WP031-08	6 to 8 feet bls	6/26/2014	0.028 U mg/kg	N	0.022 U mg/kg	N	0.0088 U mg/kg	N	0.057 U mg/kg	N	0.022 U mg/kg	N	0.029 U mg/kg	N	N/A	N
WP032	WP032-0.5	0 to 0.5 feet bls	6/26/2014	0.013 U mg/kg	N	0.018i mg/kg	N	0.019i mg/kg	N	0.029i mg/kg	N	0.010 U mg/kg	N	0.055 mg/kg	N	N/A	N
WP032	WP032-02	0.5 to 2 feet bls	6/26/2014	0.014 U mg/kg	N	0.011 U mg/kg	N	0.011i mg/kg	N	0.029 U mg/kg	N	0.011 U mg/kg	N	0.053 mg/kg	N	N/A	N
WP032	WP032-04	2 to 4 feet bls	6/26/2014	6/26/2014	0.028 U mg/kg	0.097 mg/kg	N	0.098 mg/kg	N	0.16 mg/kg	N	0.022 U mg/kg	N	0.15 mg/kg	N	0.2 mg/kg	RDE
WP032	WP032-06	4 to 6 feet bls	6/26/2014	0.13 mg/kg	N	0.54 mg/kg	N	0.42 mg/kg	RDE	0.74 mg/kg	N	0.11 mg/kg	N	0.23 mg/kg	N	0.7 mg/kg	RDE
WP032	WP032-08	6 to 8 feet bls	6/26/2014	0.028 U mg/kg	N	0.041i mg/kg	N	0.029i mg/kg	N	0.059 U mg/kg	N	0.022 U mg/kg	N	0.11 mg/kg	N	0.1 mg/kg	N
WP033	WP033-0.5	0 to 0.5 feet bls	6/26/2014	0.014 U mg/kg	N	0.016i mg/kg	N	0.014i mg/kg	N	0.028 U mg/kg	N	0.052 mg/kg	N	0.051 mg/kg	N	0.1 mg/kg	N
WP033	WP033-02	0.5 to 2 feet bls	6/26/2014	0.014 U mg/kg	N	0.011 U mg/kg	N	0.0043 U mg/kg	N	0.028 U mg/kg	N	0.011 U mg/kg	N	0.014 U mg/kg	N	N/A	N
WP033	WP033-04	2 to 4 feet bls	6/26/2014	6/26/2014	0.012 U mg/kg	0.029i mg/kg	N	0.050 mg/kg	N	0.048 mg/kg	N	0.056 mg/kg	N	0.012 U mg/kg	N	N/A	N
WP033	WP033-06	4 to 6 feet bls	6/26/2014	0.014 U mg/kg	N	0.087 mg/kg	N	0.076 mg/kg	N	0.15 mg/kg	N	0.062 mg/kg	N	0.084 mg/kg	N	0.2 mg/kg	RDE
WP033	WP033-08	6 to 8 feet bls	6/26/2014	0.014 U mg/kg	N	0.075 mg/kg	N	0.057 mg/kg	N	0.12 mg/kg	N	0.011 U mg/kg	N	0.079 mg/kg	N	0.1 mg/kg	N
WP034	WP034-02	0 to 2 feet bls	6/26/2014	0.012 U mg/kg	N	0.0096 U mg/kg	N	0.0039 U mg/kg	N	0.025 U mg/kg	N	0.0094 U mg/kg	N	0.013 U mg/kg	N	N/A	N
WP034	WP034-04	2 to 4 feet bls	6/26/2014	6/26/2014	0.028 U mg/kg	0.064i mg/kg	N	0.098 mg/kg	N	0.16 mg/kg	N	0.028i mg/kg	N	0.092 mg/kg	N	0.2 mg/kg	RDE
WP034	WP034-06	4 to 6 feet bls	6/26/2014	0.028 U mg/kg	N	0.029i mg/kg	N	0.042i mg/kg	N	0.069i mg/kg	N	0.022 U mg/kg	N	0.039i mg/kg	N	0.1 mg/kg	N
WP039	WP039-0.5	0 to 0.5 feet bls	7/16/2014	0.011 U mg/kg	N	0.286 mg/kg	N	0.479 mg/kg	N	0.502 mg/kg	N	0.087 mg/kg	N	0.389 mg/kg	N	0.7 mg/kg	RDE
WP039	WP039-02	0.5 to 2 feet bls	7/16/2014	0.032 U mg/kg	N	0.019 U mg/kg	N	0.016 U mg/kg	N	0.054 U mg/kg	N	0.012 U mg/kg	N	0.012 U mg/kg	N	N/A	N
WP039	WP039-04	2 to 4 feet bls	7/16/2014	7/16/2014	0.037 U mg/kg	0.023 U mg/kg	N	0.019 U mg/kg	N	0.064 U mg/kg	N	0.015 U mg/kg	N	0.015 U mg/kg	N	N/A	N
WP040	WP040-0.5	0 to 0.5 feet bls	7/16/2014	0.011 U mg/kg	N	1.03 mg/kg	L	1.6 mg/kg	CIDE	1.58 mg/kg	N	0.243 mg/kg	N	1.1 mg/kg	N	2.2 mg/kg	CIDE
WP040	WP040-02	0.5 to 2 feet bls	7/16/2014	0.011 U mg/kg	N	0.082 mg/kg	N	0.136 mg/kg	RDE	0.158 mg/kg	N	0.0016 U mg/kg	N	0.152 mg/kg	N	0.2 mg/kg	RDE
WP040	WP040-04	2 to 4 feet bls	7/16/2014	7/16/2014	0.035 U mg/kg	0.021 U mg/kg	N	0.018 U mg/kg	N	0.060 U mg/kg	N	0.014 U mg/kg	N	0.014 U mg/kg	N	N/A	N
WP041	WP041-0.5	0 to 0.5 feet bls	7/16/2014	0.011 U mg/kg	N	0.351 mg/kg	N	0.476 mg/kg	RDE	0.482 mg/kg	N	0.092 mg/kg	N	0.391 mg/kg	N	0.7 mg/kg	CIDE
WP041	WP041-02	0.5 to 2 feet bls	7/16/2014	0.033 U mg/kg	N	0.020 U mg/kg	N	0.017 U mg/kg	N	0.056 U mg/kg	N	0.013 U mg/kg	N	0.013 U mg/kg	N	N/A	N
WP041	WP041-04	2 to 4 feet bls	7/16/2014	7/16/2014	0.033 U mg/kg	0.020 U mg/kg	N	0.017 U mg/kg	N	0.057 U mg/kg	N	0.013 U mg/kg	N	0.013 U mg/kg	N	N/A	N
WP042	WP042-0.5	0 to 0.5 feet bls	7/16/2014	0.011 U mg/kg	N	0.045 mg/kg	N	0.071 mg/kg	N	0.05 mg/kg	N	0.0016 U mg/kg	N	0.069 mg/kg	N	0.1 mg/kg	N
WP042	WP042-02	0.5 to 2 feet bls	7/16/2014	0.035 U mg/kg	N	0.021 U mg/kg	N	0.018 U mg/kg	N	0.060 U mg/kg	N	0.014 U mg/kg	N	0.014 U mg/kg	N	N/A	N
WP042	WP042-04	2 to 4 feet bls	7/16/2014	7/16/2014	0.035 U mg/kg	0.021 U mg/kg	N	0.018 U mg/kg	N	0.060 U mg/kg	N	0.014 U mg/kg	N	0.014 U mg/kg	N	N/A	N
WP043	WP043-0.5	0 to 0.5 feet bls	7/16/2014	0.011 U mg/kg	N	0.417 mg/kg	N	0.421 mg/kg	RDE	0.297 mg/kg	N	0.083 mg/kg	N	0.285 mg/kg	N	0.6 mg/kg	RDE
WP043	WP043-02	0.5 to 2 feet bls	7/16/2014	0.033 U mg/kg	N	0.020 U mg/kg	N	0.017 U mg/kg	N	0.057 U mg/kg	N	0.013 U mg/kg	N	0.013 U mg/kg	N	N/A	N
WP043	WP043-04	2 to 4 feet bls	7/16/2014	7/16/2014	0.033 U mg/kg	0.020 U mg/kg	N	0.017 U mg/kg	N	0.056 U mg/kg	N	0.013 U mg/kg	N	0.013 U mg/kg	N	N/A	N
WP044	WP044-02	0 to 2 feet bls	7/16/2014	0.011 U mg/kg	N	0.0065 U mg/kg	N	0.0040 U mg/kg	N	0.0057 U mg/kg	N	0.0016 U mg/kg	N	0.0065 U mg/kg	N	N/A	N
WP044	WP044-04	2 to 4 feet bls	7/16/2014	7/16/2014	0.032 U mg/kg	0.019 U mg/kg	N	0.016 U mg/kg	N	0.054 U mg/kg	N	0.012 U mg/kg	N	0.012 U mg/kg	N	N/A	N

TABLE F1B PAH RESULTS																	
Point ID	Sample Id	Sample Depth	Sample Date	Acenaphthene	Acenap_Exceed	Benzo (a) anthracene	BAA_Exceed	Benzo (a) pyrene	BAP_Exceed	Benzo (b) fluoranthene	BBF_Exceed	Dibenz (a,h) anthracene	Dibenz_Exceed	Indeno(1,2,3-cd)pyrene	Indeno_Exceed	Benzo(a)pyrene equivalents	BAPEQ_Exceed
WP045	WP045-02	0 to 2 feet bls	7/16/2014	0.011 U mg/kg	N	0.0066 U mg/kg	N	0.0040 U mg/kg	N	0.0057 U mg/kg	N	0.0016 U mg/kg	N	0.0066 U mg/kg	N	N/A	N
WP045	WP045-04	2 to 4 feet bls	7/16/2014	7/16/2014	0.033 U mg/kg	0.020 U mg/kg	N	0.017 U mg/kg	N	0.057 U mg/kg	N	0.013 U mg/kg	N	0.013 U mg/kg	N	N/A	N
WP046	WP046-02	0 to 2 feet bls	7/16/2014	0.011 U mg/kg	N	0.222 mg/kg	N	0.238 mg/kg	RDE	0.22 mg/kg	N	0.05 mg/kg	N	0.212 mg/kg	N	0.4 mg/kg	RDE
WP046	WP046-04	2 to 4 feet bls	7/16/2014	7/16/2014	0.011 U mg/kg	0.014i mg/kg	N	0.023i mg/kg	N	0.018i mg/kg	N	0.0016 U mg/kg	N	0.0065 U mg/kg	N	N/A	N
WP047	WP047-02	0 to 2 feet bls	7/16/2014	0.011 U mg/kg	N	0.0069 U mg/kg	N	0.016i mg/kg	N	0.017i mg/kg	N	0.0017 U mg/kg	N	0.0069 U mg/kg	N	N/A	N
WP047	WP047-04	2 to 4 feet bls	7/16/2014	7/16/2014	0.036 U mg/kg	0.022 U mg/kg	N	0.018 U mg/kg	N	0.061 U mg/kg	N	0.014 U mg/kg	N	0.014 U mg/kg	N	N/A	N
WP048	WP048-02	0 to 2 feet bls	7/16/2014	0.011 U mg/kg	N	0.102 mg/kg	N	0.046 mg/kg	N	0.65 mg/kg	N	0.0016 U mg/kg	N	0.062 mg/kg	N	0.1 mg/kg	N
WP048	WP048-04	2 to 4 feet bls	7/16/2014	7/16/2014	0.233 mg/kg	2.1 mg/kg	L	1.51 mg/kg	CIDE	0.982 mg/kg	N	0.215 mg/kg	N	0.664 mg/kg	N	2.1 mg/kg	CIDE
WP048	WP048-06	4 to 6 feet bls	7/16/2014	0.035 U mg/kg	N	0.021 U mg/kg	N	0.018 U mg/kg	N	0.060 U mg/kg	N	0.014 U mg/kg	N	0.014 U mg/kg	N	N/A	N
WP049	WP049-02	0 to 2 feet bls	7/16/2014	0.011 U mg/kg	N	0.058 mg/kg	N	0.066 mg/kg	N	0.068 mg/kg	N	0.0016 U mg/kg	N	0.074 mg/kg	N	0.1 mg/kg	N
WP049	WP049-04	2 to 4 feet bls	7/16/2014	7/16/2014	0.034 U mg/kg	0.020 U mg/kg	N	0.017 U mg/kg	N	0.058 U mg/kg	N	0.013 U mg/kg	N	0.013 U mg/kg	N	N/A	N
WP049	WP049-05	4 to 6 feet bls	7/16/2014	0.034 U mg/kg	N	0.020 U mg/kg	N	0.017 U mg/kg	N	0.057 U mg/kg	N	0.013 U mg/kg	N	0.013 U mg/kg	N	N/A	N
WP050	WP050-02	0 to 2 feet bls	7/16/2014	0.036 U mg/kg	N	0.157 mg/kg	N	0.191 mg/kg	RDE	0.296 mg/kg	N	0.15 mg/kg	N	0.243 mg/kg	N	0.4 mg/kg	RDE
WP050	WP050-04	2 to 4 feet bls	7/16/2014	7/16/2014	0.033 U mg/kg	0.020 U mg/kg	N	0.017 U mg/kg	N	0.057 U mg/kg	N	0.013 U mg/kg	N	0.013 U mg/kg	N	N/A	N
WP050	WP050-05	4 to 6 feet bls	7/16/2014	0.034 U mg/kg	N	0.021 U mg/kg	N	0.097i mg/kg	N	0.121 mg/kg	N	0.013 U mg/kg	N	0.151 mg/kg	N	0.1 mg/kg	N
WP051	WP051-02	0 to 2 feet bls	7/16/2014	0.033 U mg/kg	N	0.074i mg/kg	N	0.112 mg/kg	RDE	0.151 mg/kg	N	0.013 U mg/kg	N	0.169 mg/kg	N	0.2 mg/kg	RDE
WP051	WP051-04	2 to 4 feet bls	7/16/2014	7/16/2014	0.036 U mg/kg	0.022 U mg/kg	N	0.019 U mg/kg	N	0.061 U mg/kg	N	0.014 U mg/kg	N	0.014 U mg/kg	N	N/A	N
WP051	WP051-05	4 to 6 feet bls	7/16/2014	0.037 U mg/kg	N	0.023 U mg/kg	N	0.019 U mg/kg	N	0.064 U mg/kg	N	0.015 U mg/kg	N	0.015 U mg/kg	N	N/A	N
WP052	WP052-02	0 to 2 feet bls	7/16/2014	0.036 U mg/kg	N	0.16 mg/kg	N	0.18 mg/kg	RDE	0.261 mg/kg	N	0.148 mg/kg	N	0.225 mg/kg	N	0.4 mg/kg	RDE
WP052	WP052-04	2 to 4 feet bls	7/16/2014	7/16/2014	0.011 U mg/kg	0.193 mg/kg	N	0.172 mg/kg	RDE	0.186 mg/kg	N	0.054 mg/kg	N	0.171 mg/kg	N	0.3 mg/kg	RDE
WP052	WP052-05	4 to 6 feet bls	7/16/2014	0.035 U mg/kg	N	0.137 mg/kg	N	0.205 mg/kg	RDE	0.332 mg/kg	N	0.159 mg/kg	N	0.287 mg/kg	N	0.4 mg/kg	RDE
WP053	WP053-0.5	0 to 0.5 feet bls	7/16/2014	0.035 U mg/kg	N	0.547 mg/kg	N	0.45 mg/kg	RDE	0.772 mg/kg	N	0.194 mg/kg	N	0.494 mg/kg	N	0.8 mg/kg	CIDE
WP053	WP053-02	0.5 to 2 feet bls	7/16/2014	0.035 U mg/kg	N	0.294 mg/kg	N	0.331 mg/kg	RDE	0.593 mg/kg	N	0.171 mg/kg	N	0.393 mg/kg	N	0.6 mg/kg	RDE
WP053	WP053-04	2 to 4 feet bls	7/16/2014	7/16/2014	0.036 U mg/kg	0.022 U mg/kg	N	0.019 U mg/kg	N	0.062 U mg/kg	N	0.014 U mg/kg	N	0.014 U mg/kg	N	N/A	N
WP054	WP054-0.5	0 to 0.5 feet bls	7/16/2014	0.034 U mg/kg	N	0.248 mg/kg	N	0.313 mg/kg	RDE	0.548 mg/kg	N	0.159 mg/kg	N	0.416 mg/kg	N	0.6 mg/kg	RDE
WP054	WP054-02	0.5 to 2 feet bls	7/16/2014	0.011 U mg/kg	N	0.057 mg/kg	N	0.07 mg/kg	N	0.065 mg/kg	N	0.0016 U mg/kg	N	0.07 mg/kg	N	0.1 mg/kg	N
WP055	WP055-0.5	0 to 0.5 feet bls	7/16/2014	0.036 U mg/kg	N	0.070i mg/kg	N	0.106i mg/kg	RDE	0.119 mg/kg	N	0.014 U mg/kg	N	0.152 mg/kg	N	0.1 mg/kg	N
WP055	WP055-02	0.5 to 2 feet bls	7/16/2014	0.036 U mg/kg	N	0.077i mg/kg	N	0.113i mg/kg	RDE	0.132 mg/kg	N	0.014 U mg/kg	N	0.164 mg/kg	N	0.2 mg/kg	RDE
WPB001	WPB001-0.5	0 to 0.5 feet bls	7/16/2014	0.037 U mg/kg	N	0.112i mg/kg		0.153 mg/kg	RDE	0.209 mg/kg	N	0.014 U mg/kg	N	0.22 mg/kg	N	0.2 mg/kg	RDE
WPB001	WPB001-02	0.5 to 2 feet bls	7/16/2014	0.078i mg/kg	N	0.176 mg/kg	N	0.19 mg/kg	RDE	0.244 mg/kg	N	0.151 mg/kg	N	0.233 mg/kg	N	0.4 mg/kg	RDE
WPB001	WPB001-04	2 to 4 feet bls	7/16/2014	7/16/2014	0.035 U mg/kg	0.086i mg/kg	N	0.114 mg/kg	RDE	0.153 mg/kg	N	0.014 U mg/kg	N	0.168 mg/kg	N	0.2 mg/kg	RDE
WPB001	WPB001-05	4 to 6 feet bls	7/16/2014	0.212 mg/kg	N	0.996 mg/kg	L	0.686 mg/kg	RDE	1.04 mg/kg	N	0.259 mg/kg	N	0.687 mg/kg	N	1.2 mg/kg	CIDE
WPB002	WPB002-0.5	0 to 0.5 feet bls	7/16/2014	0.035 U mg/kg	N	0.173 mg/kg	N	0.204 mg/kg	RDE	0.39 mg/kg	N	0.169 mg/kg	N	0.325 mg/kg	N	0.5 mg/kg	RDE
WPB002	WPB002-02	0.5 to 2 feet bls	7/16/2014	0.034 U mg/kg	N	0.125 mg/kg	N	0.192 mg/kg	RDE	0.311 mg/kg	N	0.151 mg/kg	N	0.267 mg/kg	N	0.4 mg/kg	RDE
WPB002	WPB002-04	2 to 4 feet bls	7/16/2014	7/16/2014	0.035 U mg/kg	0.115 mg/kg	N	0.146 mg/kg	RDE	0.208 mg/kg	N	0.014 U mg/kg	N	0.211 mg/kg	N	0.2 mg/kg	RDE
WPB002	WPB002-05	4 to 6 feet bls	7/16/2014	0.035 U mg/kg	N	0.063i mg/kg	N	0.109i mg/kg	RDE	0.143 mg/kg	N	0.014 U mg/kg	N	0.172 mg/kg	N	0.2 mg/kg	RDE
WPB004	WPB004-0.5	0 to 0.5 feet bls	7/16/2014	0.037 U mg/kg	N	0.022 U mg/kg	N	0.019 U mg/kg	N	0.063 U mg/kg	N	0.014 U mg/kg	N	0.014 U mg/kg	N	N/A	N
WPB004	WPB004-02	0.5 to 2 feet bls	7/16/2014	0.034 U mg/kg	N	0.117 mg/kg	N	0.164 mg/kg	RDE	0.216 mg/kg	N	0.142 mg/kg	N	0.219 mg/kg	N	0.4 mg/kg	RDE
WPB004	WPB004-04	2 to 4 feet bls	7/16/2014	7/16/2014	0.035 U mg/kg	0.064i mg/kg	N	0.102i mg/kg	RDE	0.126 mg/kg	N	0.014 U mg/kg	N	0.161 mg/kg	N	0.2 mg/kg	RDE
WPB004	WPB004-05	4 to 6 feet bls	7/16/2014	0.174 mg/kg	N	0.823 mg/kg	L	0.579 mg/kg	RDE	0.898 mg/kg	N	0.228 mg/kg	N	0.599 mg/kg	N	1 mg/kg	CIDE
WPB005	WPB005-0.5	0 to 0.5 feet bls	7/16/2014	0.036 U mg/kg	N	0.022 U mg/kg		0.117 mg/kg	RDE	0.137 mg/kg	N	0.014 U mg/kg	N	0.213 mg/kg	N	0.2 mg/kg	RDE
WPB005	WPB005-02	0.5 to 2 feet bls	7/16/2014	0.036 U mg/kg	N	0.086i mg/kg	N	0.124 mg/kg	RDE	0.149 mg/kg	N	0.014 U mg/kg	N	0.169 mg/kg	N	0.2 mg/kg	RDE
WPB005	WPB005-04	2 to 4 feet bls	7/16/2014	7/16/2014	0.036 U mg/kg	0.022 U mg/kg	N	0.018 U mg/kg	N	0.061 U mg/kg	N	0.014 U mg/kg	N	0.014 U mg/kg	N	N/A	N
WPB005	WPB005-05	4 to 6 feet bls	7/16/2014	0.036 U mg/kg	N	0.022 U mg/kg	N	0.019 U mg/kg	N	0.061 U mg/kg	N	0.014 U mg/kg	N	0.014 U mg/kg	N	N/A	N
WPB006	WPB006-0.5	0 to 0.5 feet bls	7/16/2014	0.113i mg/kg	N	1.18 mg/kg	L	0.861 mg/kg	CIDE	1.26 mg/kg	N	0.273 mg/kg	N	0.733 mg/kg	N	1.5 mg/kg	CIDE
WPB006	WPB006-02	0.5 to 2 feet bls	7/16/2014	0.141 mg/kg	N	1.09 mg/kg	L	0.844 mg/kg	CIDE	1.22 mg/kg	N	0.26 mg/kg	N	0.71 mg/kg	N	1.4 mg/kg	CIDE
WPB006	WPB006-04	2 to 4 feet bls	7/16/2014	7/16/2014	0.035 U mg/kg	0.091i mg/kg	N	0.143 mg/kg	RDE	0.188 mg/kg	N	0.154 mg/kg	N	0.248 mg/kg	N	0.4 mg/kg	RDE
WPB006	WPB006-05	4 to 6 feet bls	7/16/2014	0.036 U mg/kg	N	0.022 U mg/kg	N	0.018 U mg/kg	N	0.061 U mg/kg	N	0.014 U mg/kg	N	0.014 U mg/kg	N	N/A	N
WPB007	WPB007-0.5	0 to 0.5 feet bls	7/16/2014	0.035 U mg/kg	N	0.021 U mg/kg	N	0.018 U mg/kg	N	0.061 U mg/kg	N	0.014 U mg/kg	N	0.014 U mg/kg	N	N/A	N
WPB007	WPB007-02	0.5 to 2 feet bls	7/16/2014	0.035 U mg/kg	N	0.063i mg/kg	N	0.103i mg/kg	N	0.132 mg/kg	N	0.014 U mg/kg	N	0.166 mg/kg	N	0.2 mg/kg	RDE
WPB007	WPB007-04	2 to 4 feet bls	7/16/2014	7/16/2014	0.177 U mg/kg	2.27 mg/kg	L	2.03 mg/kg	CIDE	3.11 mg/kg	L	0.069 U mg/kg	N	1.92 mg/kg	N	2.8 mg/kg	CIDE
WPB007	WPB007-05	4 to 6 feet bls	7/16/2014	0.362 U mg/kg	N	0.926i mg/kg	L	1.3 mg/kg	CIDE	1.69 mg/kg	N	0.141 U mg/kg	N	2.08 mg/kg	N	1.9 mg/kg	CIDE
WPB008	WPB008-0.5	0 to 0.5 feet bls	7/16/2014	1.3 mg/kg	N	5.94 mg/kg	L	5.31 mg/kg	CIDE	7.46 mg/kg	L	2.01 mg/kg	L	4.68 mg/kg	N	9.2 mg/kg	CIDE
WPB008	WPB008-02	0.5 to 2 feet bls	7/16/2014	0.036 U mg/kg	N	0.124 mg/kg	N	0.135 mg/kg	RDE	0.164 mg/kg	N	0.014 U mg/kg	N	0.014 U mg/kg	N	0.2 mg/kg	RDE
WPB008	WPB008-04	2 to 4 feet bls	7/16/2014	7/16/2014	0.035 U mg/kg	0.249 mg/kg	N	0.317 mg/kg	RDE	0.521 mg/kg	N	0.179 mg/kg	N	0.37 mg/kg	N	0.6 mg/kg	RDE
WPB008	WPB008-05	4 to 6 feet bls	7/16/2014	0.036 U mg/kg	N	0.022 U mg/kg	N	0.019 U mg/kg	N	0.062 U mg/kg	N	0.014 U mg/kg	N	0.014 U mg/kg	N	N/A	N

TABLE F1C - CUMULATIVE TRPH RESULTS					
Pt_id	Sample_id	Sam_depth	Sam_Date	TRPH	Exceed
AB-1	AB-1-2	0 to 2 ft bls	2/15/2013	51.3 mg/kg	N
AB-1	AB-1-4	2 to 4 ft bls	2/15/2013	31.7 mg/kg	N
AB-1	AB-1-6	4 to 6 ft bls	2/15/2013	0.190 U mg/kg	N
AB-2	AB-2-2	0 to 2 ft bls	2/15/2013	9.53 mg/kg	N
AB-2	AB-2-4	2 to 4 ft bls	2/15/2013	0.190 U mg/kg	N
AB-2	AB-2-6	4 to 6 ft bls	2/15/2013	1.14 mg/kg	N
AB-3	AB-3-2	0 to 2 ft bls	2/15/2013	0.190 U mg/kg	N
AB-3	AB-3-4	2 to 4 ft bls	2/15/2013	0.190 U mg/kg	N
AB-3	AB-3-6	4 to 6 ft bls	2/15/2013	4.68 mg/kg	N
AB-4	AB-4-2	0 to 2 ft bls	2/15/2013	0.190 U mg/kg	N
AB-4	AB-4-4	2 to 4 ft bls	2/15/2013	0.190 U mg/kg	N
AB-4	AB-4-6	4 to 6 ft bls	2/15/2013	6.67 mg/kg	N
AB-5	AB-5-2	0 to 2 ft bls	2/15/2013	0.190 U mg/kg	N
AB-5	AB-5-4	2 to 4 ft bls	2/15/2013	0.190 U mg/kg	N
AB-5	AB-5-6	4 to 6 ft bls	2/15/2013	0.190 U mg/kg	N
AB-6	AB-6-2	0 to 2 ft bls	2/15/2013	0.190 U mg/kg	N
AB-6	AB-6-4	2 to 4 ft bls	2/15/2013	0.190 U mg/kg	N
AB-6	AB-6-6	4 to 6 ft bls	2/15/2013	0.190 U mg/kg	N
AB-7	AB-7-2	0 to 2 ft bls	2/15/2013	0.190 U mg/kg	N
AB-7	AB-7-4	2 to 4 ft bls	2/15/2013	0.190 U mg/kg	N
AB-7	AB-7-6	4 to 6 ft bls	2/15/2013	0.190 U mg/kg	N
AB-8	AB-8-2	0 to 2 ft bls	2/15/2013	0.190 U mg/kg	N
AB-8	AB-8-4	2 to 4 ft bls	2/15/2013	0.190 U mg/kg	N
AB-8	AB-8-6	4 to 6 ft bls	2/15/2013	0.190 U mg/kg	N
B5-1	B5-1-2	0 to 2 ft bls	2/13/2013	1490 mg/kg	RDE
B5-1	B5-1-4	2 to 4 ft bls	2/13/2013	157 mg/kg	N
B5-2	B5-2-2	0 to 2 ft bls	2/13/2013	4.92 mg/kg	N
B5-3	B5-3-2	0 to 2 ft bls	2/14/2013	129 mg/kg	N
B5-3	B5-3-4	2 to 4 ft bls	2/14/2013	0.190 U mg/kg	N
B5-4	B5-4-2	0 to 2 ft bls	2/13/2013	22.5 mg/kg	N
C5-1	C5-1-2	0 to 2 ft bls	2/13/2013	0.190 U mg/kg	N
C5-7	C5-7-2	0 to 2 ft bls	2/13/2013	8.54 mg/kg	N
C5-7	C5-7-4	2 to 4 ft bls	2/13/2013	3.31 mg/kg	N
C5-8	C5-8-2	0 to 2 ft bls	2/13/2013	2.71 mg/kg	N
C5-8	C5-8-4	2 to 4 ft bls	2/13/2013	653 mg/kg	RDE
CA-01	CA-01-0.5	0 to 0.5 feet bls	5/27/2015	67.5 mg/kg	N
CA-01	CA-01-02	0.5 to 2 feet bls	5/27/2015	68 mg/kg	N
CA-01	CA-01-04	2 to 4 feet bls	5/27/2015	17.5i mg/kg	N
CA-01	CA-01-06	4 to 6 feet bls	5/27/2015	178 mg/kg	N
CA-01	CA-01-08	6 to 8 feet bls	5/27/2015	137 mg/kg	N
CA-02	CA-02-0.5	0 to 0.5 feet bls	5/27/2015	37.4 mg/kg	N
CA-02	CA-02-02	0.5 to 2 feet bls	5/27/2015	95.6 mg/kg	N
CA-02	CA-02-04	2 to 4 feet bls	5/27/2015	16.8i mg/kg	N
CA-02	CA-02-06	4 to 6 feet bls	5/27/2015	26.6 mg/kg	N
CA-02	CA-02-08	6 to 8 feet bls	5/27/2015	370 mg/kg	L
CA-02	CA-02-10	8 to 10 feet bls	5/27/2015	79.7 mg/kg	N

TABLE F1C - CUMULATIVE TRPH RESULTS					
Pt_id	Sample_id	Sam_depth	Sam_Date	TRPH	Exceed
CA-03	CA-03-0.5	0 to 0.5 feet bls	5/27/2015	80.5 mg/kg	N
CA-03	CA-03-02	0.5 to 2 feet bls	5/27/2015	23.2 mg/kg	N
CA-03	CA-03-04	2 to 4 feet bls	5/27/2015	113 mg/kg	N
CA-03	CA-03-06	4 to 6 feet bls	5/27/2015	547 mg/kg	RDE
CA-03	CA-03-08	6 to 8 feet bls	5/27/2015	105 mg/kg	N
CA-04	CA-04-0.5	0 to 0.5 feet bls	5/27/2015	89 mg/kg	N
CA-04	CA-04-02	0.5 to 2 feet bls	5/27/2015	57.1 mg/kg	N
CA-04	CA-04-04	2 to 4 feet bls	5/27/2015	154 mg/kg	N
CA-04	CA-04-06	4 to 6 feet bls	5/27/2015	134 mg/kg	N
CA-04	CA-04-08	6 to 8 feet bls	5/27/2015	164 mg/kg	N
CA-05	CA-05-0.5	0 to 0.5 feet bls	5/27/2015	28.3 mg/kg	N
CA-05	CA-05-02	0.5 to 2 feet bls	5/27/2015	378 mg/kg	N
CA-05	CA-05-04	2 to 4 feet bls	5/27/2015	630 mg/kg	RDE
CA-05	CA-05-06	4 to 6 feet bls	5/27/2015	110 mg/kg	N
CA-05	CA-05-08	6 to 8 feet bls	5/27/2015	100 mg/kg	N
CA-06	CA-06-0.5	0 to 0.5 feet bls	5/27/2015	108 mg/kg	N
CA-06	CA-06-02	0.5 to 2 feet bls	5/27/2015	108 mg/kg	N
CA-06	CA-06-04	2 to 4 feet bls	5/27/2015	64.5 mg/kg	N
CA-06	CA-06-06	4 to 6 feet bls	5/27/2015	334 mg/kg	N
CA-06	CA-06-08	6 to 8 feet bls	5/27/2015	76.9 mg/kg	N
CA-07	CA-07-0.5	0 to 0.5 feet bls	5/27/2015	30 mg/kg	N
CA-07	CA-07-02	0.5 to 2 feet bls	5/27/2015	148 mg/kg	N
CA-07	CA-07-04	2 to 4 feet bls	5/27/2015	104 mg/kg	N
CA-07	CA-07-06	4 to 6 feet bls	5/27/2015	148 mg/kg	N
CA-07	CA-07-08	6 to 8 feet bls	5/27/2015	24.6 mg/kg	N
CA-07	CA-07-10	8 to 10 feet bls	5/27/2015	117 mg/kg	N
CA-08	CA-08-0.5	0 to 0.5 feet bls	5/27/2015	596 mg/kg	RDE
CA-08	CA-08-02	0.5 to 2 feet bls	5/27/2015	513 mg/kg	RDE
CA-08	CA-08-04	2 to 4 feet bls	5/27/2015	947 mg/kg	RDE
CA-08	CA-08-06	4 to 6 feet bls	5/27/2015	10.6U mg/kg	N
CA-08	CA-08-08	6 to 8 feet bls	5/27/2015	10.8U mg/kg	N
CA-08	CA-08-10	8 to 10 feet bls	5/27/2015	179 mg/kg	N
CA-09	CA-09-0.5	0 to 0.5 feet bls	5/27/2015	351 mg/kg	L
CA-09	CA-09-02	0.5 to 2 feet bls	5/27/2015	136 mg/kg	N
CA-09	CA-09-04	2 to 4 feet bls	5/27/2015	94.8 mg/kg	N
CA-09	CA-09-06	4 to 6 feet bls	5/27/2015	13.4i mg/kg	N
CA-09	CA-09-08	6 to 8 feet bls	5/27/2015	134 mg/kg	N
CA-09	CA-09-10	8 to 10 feet bls	5/27/2015	290 mg/kg	N
CA-10	CA-10-0.5	0 to 0.5 feet bls	5/27/2015	109 mg/kg	N
CA-10	CA-10-02	0.5 to 2 feet bls	5/27/2015	64 mg/kg	N
CA-10	CA-10-04	2 to 4 feet bls	5/27/2015	110 mg/kg	N
CA-10	CA-10-06	4 to 6 feet bls	5/27/2015	64 mg/kg	N
CA-10	CA-10-08	6 to 8 feet bls	5/27/2015	217 mg/kg	N
CA-10	CA-10-10	8 to 10 feet bls	5/27/2015	75 mg/kg	N
CA-11	CA-11-0.5	0 to 0.5 feet bls	5/27/2015	132 mg/kg	N
CA-11	CA-11-02	0.5 to 2 feet bls	5/27/2015	173 mg/kg	N

TABLE F1C - CUMULATIVE TRPH RESULTS					
Pt_id	Sample_id	Sam_depth	Sam_Date	TRPH	Exceed
CA-11	CA-11-04	2 to 4 feet bls	5/27/2015	206 mg/kg	N
CA-11	CA-11-06	4 to 6 feet bls	5/27/2015	173 mg/kg	N
CA-11	CA-11-08	6 to 8 feet bls	5/27/2015	63.1 mg/kg	N
CA-12	CA-12-0.5	0 to 0.5 feet bls	5/27/2015	261 mg/kg	N
CA-12	CA-12-02	0.5 to 2 feet bls	5/27/2015	92.8 mg/kg	N
CA-12	CA-12-04	2 to 4 feet bls	5/27/2015	214 mg/kg	N
CA-12	CA-12-06	4 to 6 feet bls	5/27/2015	10.7U mg/kg	N
CA-12	CA-12-08	6 to 8 feet bls	5/27/2015	16.8i mg/kg	N
CA-12	CA-12-10	8 to 10 feet bls	5/27/2015	146 mg/kg	N
CA-13	CA-13-0.5	0 to 0.5 feet bls	5/27/2015	211 mg/kg	N
CA-13	CA-13-02	0.5 to 2 feet bls	5/27/2015	17.3i mg/kg	N
CA-13	CA-13-04	2 to 4 feet bls	5/27/2015	118 mg/kg	N
CA-13	CA-13-06	4 to 6 feet bls	5/27/2015	17.3i mg/kg	N
CA-13	CA-13-08	6 to 8 feet bls	5/27/2015	13.4i mg/kg	N
CA-13	CA-13-10	8 to 10 feet bls	5/27/2015	296 mg/kg	N
CA-14	CA-14-0.5	0 to 0.5 feet bls	5/27/2015	294 mg/kg	N
CA-14	CA-14-02	0.5 to 2 feet bls	5/27/2015	192 mg/kg	N
CA-14	CA-14-04	2 to 4 feet bls	5/27/2015	89.1 mg/kg	N
CA-14	CA-14-06	4 to 6 feet bls	5/27/2015	192 mg/kg	N
CA-14	CA-14-08	6 to 8 feet bls	5/27/2015	243 mg/kg	N
CA-14	CA-14-10	8 to 10 feet bls	5/27/2015	168 mg/kg	N
CA-15	CA-15-0.5	0 to 0.5 feet bls	5/27/2015	112 mg/kg	N
CA-15	CA-15-02	0.5 to 2 feet bls	5/27/2015	106 mg/kg	N
CA-15	CA-15-04	2 to 4 feet bls	5/27/2015	130 mg/kg	N
CA-15	CA-15-06	4 to 6 feet bls	5/27/2015	106 mg/kg	N
CA-15	CA-15-08	6 to 8 feet bls	5/27/2015	111 mg/kg	N
CA-21	CA-21-0.5	0 to 0.5 feet bls	5/27/2015	224 mg/kg	N
CA-21	CA-21-02	0.5 to 2 feet bls	5/27/2015	312 mg/kg	N
SB012	SB012-0.5	0 to 0.5 feet bls	6/26/2014	64.5 mg/kg	N
SB012	SB012-02	0.5 to 2 feet bls	6/26/2014	31.5 mg/kg	N
SB012	SB012-04	2 to 4 feet bls	6/26/2014	6.2 mg/kg	N
SB012	SB012-06	4 to 6 feet bls	6/26/2014	21.8 U mg/kg	N
SB014	SB014-0.5	0 to 0.5 feet bls	6/26/2014	15.9 mg/kg	N
SB014	SB014-02	0.5 to 2 feet bls	6/26/2014	31.8 mg/kg	N
SB014	SB014-04	2 to 4 feet bls	6/26/2014	7.2 U mg/kg	N
SB014	SB014-06	4 to 6 feet bls	6/26/2014	21.1 mg/kg	N
SB014	SB014-08	6 to 8 feet bls	6/26/2014	2.9 U mg/kg	N
SB014	SB014-10	8 to 10 feet bls	6/26/2014	238 mg/kg	N
SB015	SB015-0.5	0 to 0.5 feet bls	6/26/2014	15.1 mg/kg	N
SB015	SB015-02	0.5 to 2 feet bls	6/26/2014	3.0 U mg/kg	N
SB015	SB015-04	2 to 4 feet bls	6/26/2014	3.0 U mg/kg	N
SB015	SB015-06	4 to 6 feet bls	6/26/2014	3.5 U mg/kg	N
SB016	SB016-0.5	0 to 0.5 feet bls	6/26/2014	2.9 U mg/kg	N
SB016	SB016-02	0.5 to 2 feet bls	6/26/2014	2.9 U mg/kg	N
SB016	SB016-04	2 to 4 feet bls	6/26/2014	38.3 mg/kg	N
SB016	SB016-06	4 to 6 feet bls	6/26/2014	8.0 U mg/kg	N

TABLE F1C - CUMULATIVE TRPH RESULTS					
Pt_id	Sample_id	Sam_depth	Sam_Date	TRPH	Exceed
SB016	SB016-08	6 to 8 feet bls	6/26/2014	2.9 U mg/kg	N
SB017	SB017-0.5	0 to 0.5 feet bls	6/26/2014	7.2 U mg/kg	N
SB017	SB017-02	0.5 to 2 feet bls	6/26/2014	7.5 U mg/kg	N
SB017	SB017-04	2 to 4 feet bls	6/26/2014	56.5 mg/kg	N
SB017	SB017-06	4 to 6 feet bls	6/26/2014	16.0 mg/kg	N
SB017	SB017-08	6 to 8 feet bls	6/26/2014	3.1 U mg/kg	N
TF001	TF001-02	0 to 2 feet bls	6/26/2014	130 mg/kg	N
TF001	TF001-04	2 to 4 feet bls	6/26/2014	55.7 mg/kg	N
TF001	TF001-06	4 to 6 feet bls	6/26/2014	102 mg/kg	N
TF001	TF001-08	6 to 8 feet bls	6/26/2014	166 mg/kg	N
TF001	TF001-10	8 to 10 feet bls	6/26/2014	90.1 mg/kg	N
TF002	TF002-02	0 to 2 feet bls	6/26/2014	26.8 mg/kg	N
TF002	TF002-04	2 to 4 feet bls	6/26/2014	50.5 mg/kg	N
TF002	TF002-06	4 to 6 feet bls	6/26/2014	304 mg/kg	N
TF002	TF002-08	6 to 8 feet bls	6/26/2014	213 mg/kg	N
TF002	TF002-10	8 to 10 feet bls	6/26/2014	109 mg/kg	N
TF003	TF003-02	0 to 2 feet bls	6/26/2014	876 mg/kg	RDE
TF003	TF003-04	2 to 4 feet bls	6/26/2014	129 mg/kg	N
TF003	TF003-06	4 to 6 feet bls	6/26/2014	172 mg/kg	N
TF003	TF003-08	6 to 8 feet bls	6/26/2014	298 mg/kg	N
TF003	TF003-10	8 to 10 feet bls	6/26/2014	181 mg/kg	N
TF004	TF004-02	0 to 2 feet bls	6/26/2014	138 mg/kg	N
TF004	TF004-04	2 to 4 feet bls	6/26/2014	122 mg/kg	N
TF004	TF004-06	4 to 6 feet bls	6/26/2014	96.9 mg/kg	N
TF004	TF004-07	6 to 7 feet bls	6/26/2014	166 mg/kg	N
TF005	TF005-02	0 to 2 feet bls	6/26/2014	16.5 mg/kg	N
TF005	TF005-04	2 to 4 feet bls	6/26/2014	70.2 mg/kg	N
TF005	TF005-06	4 to 6 feet bls	6/26/2014	172 mg/kg	N
TF005	TF005-08	6 to 8 feet bls	6/26/2014	81.2 mg/kg	N
TF005	TF005-10	8 to 10 feet bls	6/26/2014	184 mg/kg	N
TF006	TF006-02	0 to 2 feet bls	6/26/2014	2.8 U mg/kg	N
TF006	TF006-04	2 to 4 feet bls	6/26/2014	79.9 mg/kg	N
TF006	TF006-06	4 to 6 feet bls	6/26/2014	95.4 mg/kg	N
TF006	TF006-08	6 to 8 feet bls	6/26/2014	130 mg/kg	N
TF007	TF007-02	0 to 2 feet bls	6/26/2014	2.8 U mg/kg	N
TF007	TF007-04	2 to 4 feet bls	6/26/2014	17.8 mg/kg	N
TF007	TF007-06	4 to 6 feet bls	6/26/2014	154 mg/kg	N
TF007	TF007-08	6 to 8 feet bls	6/26/2014	146 mg/kg	N
TF008	TF008-02	0 to 2 feet bls	6/26/2014	71.9 mg/kg	N
TF008	TF008-04	2 to 4 feet bls	6/26/2014	54.3 mg/kg	N
TF008	TF008-06	4 to 6 feet bls	6/26/2014	309 mg/kg	N
TF008	TF008-08	6 to 8 feet bls	6/26/2014	169 mg/kg	N

TABLE F1C - CUMULATIVE TRPH RESULTS					
Pt_id	Sample_id	Sam_depth	Sam_Date	TRPH	Exceed
TF008	TF008-10	8 to 10 feet bls	6/26/2014	193 mg/kg	N
TF009	TF009-02	0 to 2 feet bls	6/26/2014	72.7 mg/kg	N
TF009	TF009-04	2 to 4 feet bls	6/26/2014	102 mg/kg	N
TF009	TF009-06	4 to 6 feet bls	6/26/2014	95.5 mg/kg	N
TF009	TF009-08	6 to 8 feet bls	6/26/2014	120 mg/kg	N
TF009	TF009-10	8 to 10 feet bls	6/26/2014	211 mg/kg	N
TF010	TF010-02	0 to 2 feet bls	6/26/2014	118 mg/kg	N
TF010	TF010-04	2 to 4 feet bls	6/26/2014	668 mg/kg	RDE
TF010	TF010-05	4 to 5 feet bls	6/26/2014	88.4 mg/kg	N
TF011	TF011-02	0 to 2 feet bls	6/26/2014	2.8 U mg/kg	N
TF011	TF011-04	2 to 4 feet bls	6/26/2014	2.8 U mg/kg	N
TF011	TF011-06	4 to 6 feet bls	6/26/2014	2.9 U mg/kg	N
TF011	TF011-08	6 to 8 feet bls	6/26/2014	2.9 U mg/kg	N
TF011	TF011-10	8 to 10 feet bls	6/26/2014	2.8 U mg/kg	N
TF012	TF012-02	0 to 2 feet bls	6/26/2014	2.9 U mg/kg	N
TF012	TF012-04	2 to 4 feet bls	6/26/2014	2.8 U mg/kg	N
TF012	TF012-06	4 to 6 feet bls	6/26/2014	3.0 U mg/kg	N
TF013	TF013-02	0 to 2 feet bls	6/26/2014	2.9 U mg/kg	N
TF013	TF013-04	2 to 4 feet bls	6/26/2014	2.8 U mg/kg	N
TF013	TF013-05	4 to 5 feet bls	6/26/2014	2.8 U mg/kg	N
TF014	TF014-02	0 to 2 feet bls	6/26/2014	2.8 U mg/kg	N
TF014	TF014-04	2 to 4 feet bls	6/26/2014	2.9 U mg/kg	N
TF014	TF014-06	4 to 6 feet bls	6/26/2014	2.9 U mg/kg	N
TF014	TF014-08	6 to 8 feet bls	6/26/2014	12.6 mg/kg	N
TF014	TF014-10	8 to 10 feet bls	6/26/2014	2.9 U mg/kg	N
WP013	WP013-02	0 to 2 feet bls	6/26/2014	53.1 mg/kg	N
WP013	WP013-04	2 to 4 feet bls	6/26/2014	298 mg/kg	N
WP013	WP013-06	4 to 6 feet bls	6/26/2014	3.2 U mg/kg	N
WP013	WP013-08	6 to 8 feet bls	6/26/2014	7.4 U mg/kg	N
WP013	WP013-10	8 to 10 feet bls	6/26/2014	3.0U mg/kg	N
WP014	WP014-02	0 to 2 feet bls	6/26/2014	36.0 mg/kg	N
WP014	WP014-04	2 to 4 feet bls	6/26/2014	205 mg/kg	N
WP014	WP014-06	4 to 6 feet bls	6/26/2014	53.1 mg/kg	N
WP014	WP014-08	6 to 8 feet bls	6/26/2014	13.0 mg/kg	N
WP014	WP014-10	8 to 10 feet bls	6/26/2014	35.3 mg/kg	N
WP015	WP015-02	0 to 2 feet bls	6/26/2014	2.8 U mg/kg	N
WP015	WP015-04	2 to 4 feet bls	6/26/2014	2.8 U mg/kg	N
WP015	WP015-06	4 to 6 feet bls	6/26/2014	3.1 U mg/kg	N
WP015	WP015-08	6 to 8 feet bls	6/26/2014	3.1 U mg/kg	N
WP016	WP016-02	0 to 2 feet bls	6/26/2014	2.8 U mg/kg	N
WP016	WP016-04	2 to 4 feet bls	6/26/2014	2.7 U mg/kg	N
WP016	WP016-06	4 to 6 feet bls	6/26/2014	3.0 U mg/kg	N
WP016	WP016-08	6 to 8 feet bls	6/26/2014	19.8 mg/kg	N
WP034	WP034-02	0 to 2 feet bls	6/26/2014	2.6 U mg/kg	N
WP034	WP034-04	2 to 4 feet bls	6/26/2014	42.5 mg/kg	N
WP034	WP034-06	4 to 6 feet bls	6/26/2014	81.4 mg/kg	N

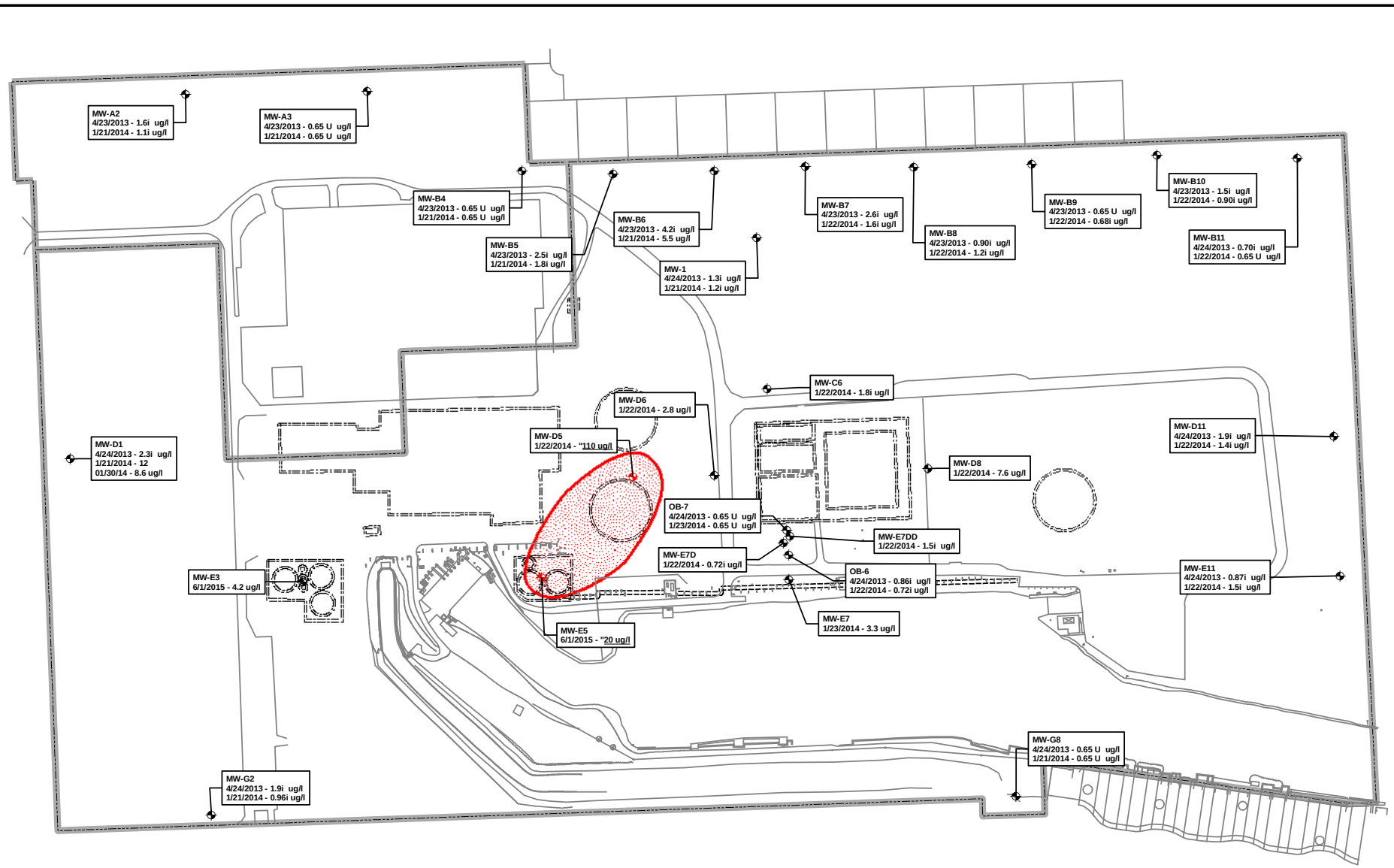
TABLE F1D - CUMULATIVE PCB RESULTS					
Point ID	**Sample ID**	**Sample Interval**	**Sample Date**	**Total PCBs**	**PCB_EXC**
TF001	TF001-02	0 to 2 feet bls	6/26/2014	0.125 mg/kg	N
TF001	TF001-04	2 to 4 feet bls	6/26/2014	0.013i mg/kg	N
TF001	TF001-06	4 to 6 feet bls	6/26/2014	0.076 mg/kg	N
TF001	TF001-08	6 to 8 feet bls	6/26/2014	0.236 mg/kg	N
TF001	TF001-10	8 to 10 feet bls	6/26/2014	0.09 mg/kg	N
TF002	TF002-02	0 to 2 feet bls	6/26/2014	0.103 mg/kg	N
TF002	TF002-04	2 to 4 feet bls	6/26/2014	0.012i mg/kg	N
TF002	TF002-06	4 to 6 feet bls	6/26/2014	0.168 mg/kg	N
TF002	TF002-08	6 to 8 feet bls	6/26/2014	0.132 mg/kg	N
TF002	TF002-10	8 to 10 feet bls	6/26/2014	0.07 mg/kg	N
TF003	TF003-02	0 to 2 feet bls	6/26/2014	0.118 mg/kg	N
TF003	TF003-04	2 to 4 feet bls	6/26/2014	0.07 mg/kg	N
TF003	TF003-06	4 to 6 feet bls	6/26/2014	*0.72 mg/kg*	RDE
TF003	TF003-08	6 to 8 feet bls	6/26/2014	0.4 mg/kg	N
TF003	TF003-10	8 to 10 feet bls	6/26/2014	0.258 mg/kg	N
TF004	TF004-02	0 to 2 feet bls	6/26/2014	0.012i mg/kg	N
TF004	TF004-04	2 to 4 feet bls	6/26/2014	0.228 mg/kg	N
TF004	TF004-06	4 to 6 feet bls	6/26/2014	0.066 mg/kg	N
TF004	TF004-07	6 to 7 feet bls	6/26/2014	0.241 mg/kg	N
TF005	TF005-02	0 to 2 feet bls	6/26/2014	0.016i mg/kg	N
TF005	TF005-04	2 to 4 feet bls	6/26/2014	0.031 mg/kg	N
TF005	TF005-06	4 to 6 feet bls	6/26/2014	0.115 mg/kg	N
TF005	TF005-08	6 to 8 feet bls	6/26/2014	0.037 mg/kg	N
TF005	TF005-10	8 to 10 feet bls	6/26/2014	0.158 mg/kg	N
TF006	TF006-02	0 to 2 feet bls	6/26/2014	0.012 U mg/kg	N
TF006	TF006-04	2 to 4 feet bls	6/26/2014	0.232 mg/kg	N
TF006	TF006-06	4 to 6 feet bls	6/26/2014	0.013i mg/kg	N
TF006	TF006-08	6 to 8 feet bls	6/26/2014	0.067 mg/kg	N
TF007	TF007-02	0 to 2 feet bls	6/26/2014	0.012 U mg/kg	N
TF007	TF007-04	2 to 4 feet bls	6/26/2014	0.012 U mg/kg	N
TF007	TF007-06	4 to 6 feet bls	6/26/2014	0.085 mg/kg	N
TF007	TF007-08	6 to 8 feet bls	6/26/2014	0.128 mg/kg	N
TF008	TF008-02	0 to 2 feet bls	6/26/2014	0.0098i mg/kg	N
TF008	TF008-04	2 to 4 feet bls	6/26/2014	0.08 mg/kg	N
TF008	TF008-06	4 to 6 feet bls	6/26/2014	0.337 mg/kg	N
TF008	TF008-08	6 to 8 feet bls	6/26/2014	0.07 mg/kg	N
TF008	TF008-10	8 to 10 feet bls	6/26/2014	0.288 mg/kg	N
TF009	TF009-02	0 to 2 feet bls	6/26/2014	0.061 mg/kg	N
TF009	TF009-04	2 to 4 feet bls	6/26/2014	0.166 mg/kg	N
TF009	TF009-06	4 to 6 feet bls	6/26/2014	0.012 U mg/kg	N
TF009	TF009-08	6 to 8 feet bls	6/26/2014	0.116 mg/kg	N
TF009	TF009-10	8 to 10 feet bls	6/26/2014	0.012 U mg/kg	N
TF010	TF010-02	0 to 2 feet bls	6/26/2014	0.051 mg/kg	N
TF010	TF010-04	2 to 4 feet bls	6/26/2014	0.037 mg/kg	N
TF010	TF010-05	4 to 5 feet bls	6/26/2014	0.104 mg/kg	N
TF011	TF011-02	0 to 2 feet bls	6/26/2014	0.012 U mg/kg	N
TF011	TF011-04	2 to 4 feet bls	6/26/2014	0.012 U mg/kg	N
TF011	TF011-06	4 to 6 feet bls	6/26/2014	0.012 U mg/kg	N
TF011	TF011-08	6 to 8 feet bls	6/26/2014	0.012 U mg/kg	N
TF011	TF011-10	8 to 10 feet bls	6/26/2014	0.012 U mg/kg	N
TF012	TF012-02	0 to 2 feet bls	6/26/2014	0.034 mg/kg	N
TF012	TF012-04	2 to 4 feet bls	6/26/2014	0.012 U mg/kg	N
TF012	TF012-06	4 to 6 feet bls	6/26/2014	0.013 U mg/kg	N
TF013	TF013-02	0 to 2 feet bls	6/26/2014	0.012 U mg/kg	N
TF013	TF013-04	2 to 4 feet bls	6/26/2014	0.013 U mg/kg	N
TF013	TF013-05	4 to 5 feet bls	6/26/2014	0.013 U mg/kg	N

TABLE F1D - CUMULATIVE PCB RESULTS					
Point ID	**Sample ID**	**Sample Interval**	**Sample Date**	**Total PCBs**	**PCB_EXC**
TF014	TF014-02	0 to 2 feet bls	6/26/2014	0.017i mg/kg	N
TF014	TF014-04	2 to 4 feet bls	6/26/2014	0.013 U mg/kg	N
TF014	TF014-06	4 to 6 feet bls	6/26/2014	0.041 mg/kg	N
TF014	TF014-08	6 to 8 feet bls	6/26/2014	0.012 U mg/kg	N
TF014	TF014-10	8 to 10 feet bls	6/26/2014	0.012 U mg/kg	N
TF015	TF015-06	4 to 6 feet bls	7/16/2014	0.000572 U mg/kg	N
TF015	TF015-08	6 to 8 feet bls	7/16/2014	0.12 mg/kg	N
TF016	TF016-06	4 to 6 feet bls	7/16/2014	0.000559 U mg/kg	N
TF016	TF016-08	6 to 8 feet bls	7/16/2014	0.000595 U mg/kg	N
TF017	TF017-06	4 to 6 feet bls	7/16/2014	0.000569 U mg/kg	N
TF017	TF017-08	6 to 8 feet bls	7/16/2014	0.000579 U mg/kg	N
TF018	TF018-06	4 to 6 feet bls	7/16/2014	0.000608 U mg/kg	N
TF018	TF018-08	6 to 8 feet bls	7/16/2014	0.000535 U mg/kg	N

TABLE F1E - CUMULATIVE 1,1,2,2-Tetrachloroethane RESULTS					
Point ID	Sample ID	Sample Depth	Sample Date	1,1,2,2-Tetrachloroethane	Exceed
AB-4	AB-4-4	2 to 4 ft bls	2/15/2013	0.00096 U	N
B5-3	B5-3-2	0 to 2 ft bls	2/14/2013	0.00096 U	N
E3-3	E3-3-11	10 to 11 ft bls	2/13/2013	0.00096 U	N
E3-4	E3-4-11	9 to 11 ft bls	2/13/2013	0.00096 U	N
E3-6	E3-6-11	9 to 11 ft bls	2/13/2013	0.00096 U	N
E3-7	E3-7-2	0 to 2 ft bls	2/13/2013	0.00096 U	N
E3-7	E3-7-6	4 to 6 ft bls	2/13/2013	0.00096 U	N
E3-7	E3-7-11	9 to 11 ft bls	2/13/2013	0.0047	L
WP025	WP025-02	0 to 2 feet bls	6/26/2014	0.0034 U	N
WP026	WP026-02	0 to 2 feet bls	6/26/2014	0.0025 U	N
WP026	WP026-04	2 to 4 feet bls	6/26/2014	0.0029 U	N
WP027	WP027-02	0 to 2 feet bls	6/26/2014	0.0029 U	N
WP028	WP028-02	0 to 2 feet bls	6/26/2014	0.0041 U	N
WP049	WP049-05	4 to 6 feet bls	7/16/2014	0.00059 U	N
WP050	WP050-05	4 to 6 feet bls	7/16/2014	0.00053 U	N
WP051	WP051-05	4 to 6 feet bls	7/16/2014	0.00057 U	N
WP052	WP052-05	4 to 6 feet bls	7/16/2014	0.00054 U	N

APPENDIX F

Cumulative Groundwater Results Figures



NOTES:

ug/l- MICROGRAMS PER LITER

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ARSENIC IN GROUNDWATER

Florida Power & Light Company
Former Cutler Power Plant Property
HWR-442/File-16360/IW-79
Miami, Florida

LEGEND:

MONITORING WELL (ARSENIC BELOW 10 ug/l)

MONITORING WELL (ARSENIC EXCEEDED 10 ug/l)

ESTIMATED EXTENT OF ARSENIC EXCEEDING 10 ug/l

FORMER NO.6/ HEAVY FUEL OIL BULK STRORAGE AST

FORMER EAST METERING TANK/CONTAINMENT STRUCTURE

FORMER WEST METERING TANK/ CONTAINMENT STRUCTURE

FORMER POWER BLOCK/ BACKFILLED AREA

FORMER No. 6 OIL/ HEAVY FUEL OIL PIPELINE

FORMER WASTEWATER/ STORMWATER BASINS

SWITCH YARD

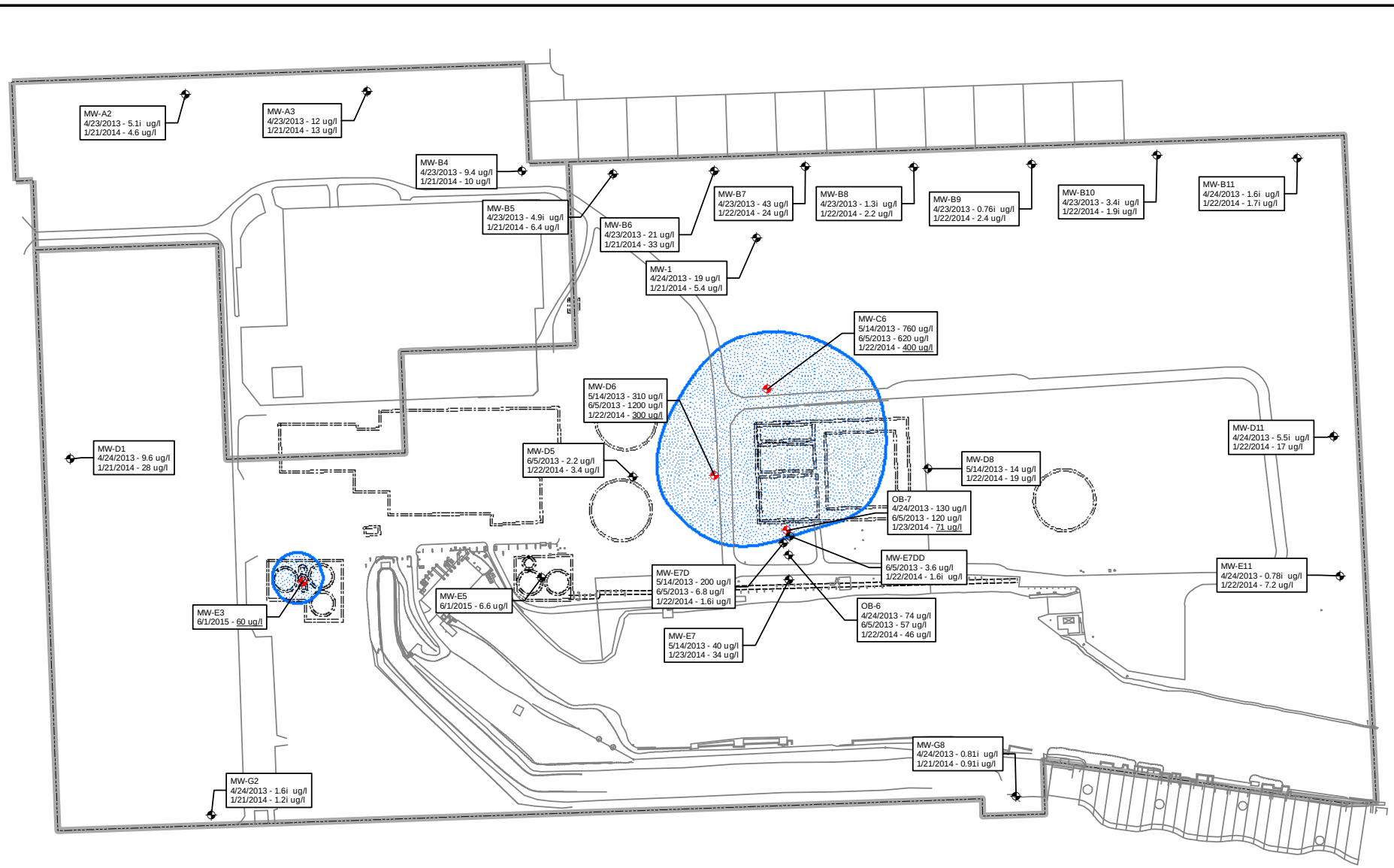
PROPERTY BOUNDARY

SCALE:

200 100 0 200

Feet

FIGURE F9



NOTES:

ug/l- MICROGRAMS PER LITER

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VANADIUM IN GROUNDWATER

Florida Power & Light Company
Former Cutler Power Plant Property
HWR-442/File-16360/IW-79
Miami, Florida

LEGEND:

- MONITORING WELL (VANADIUM BELOW 49 ug/l)
- MONITORING WELL (VANADIUM EXCEEDED 49 ug/l)
- ESTIMATED EXTENT OF VANADIUM EXCEEDING 49 ug/l
- FORMER NO.6/ HEAVY FUEL OIL BULK STRORAGE AST
- FORMER EAST METERING TANK/CONTAINMENT STRUCTURE
- FORMER WEST METERING TANK/ CONTAINMENT STRUCTURE
- FORMER POWER BLOCK/ BACKFILLED AREA
- FORMER No. 6 OIL/ HEAVY FUEL OIL PIPELINE
- FORMER WASTEWATER/ STORMWATER BASINS
- SWITCH YARD
- PROPERTY BOUNDARY

SCALE:

200 100 0 200

Feet

FIGURE F10

Cumulative Groundwater Results Table

Table F2
Cumulative Groundwater Results
Florida Power & Light Company
Former Cutler Power Plant Property
HWR-442/File-16360/IW-79
Miami, Florida

Groundwater Results		Antimony	Arsenic	Nickel	Vanadium	1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene	TRPH (FL-PRO)
GCTL-Groundwater Cleanup Target Level		*6*	*10*	*100*	*49*	*28*	*28*	*20*	*210*	*2100*	*0.05*	*0.2*	*0.05*	*210*	*0.5*	*4.8*	*0.005*	*280*	*280*	*0.05*	*14*	*210*	*210*	*5,000*
NADC-Natural Attenuation Default Concentration		**60**	**100**	**1000**	**490**	**280**	**280**	**200**	**2100**	**21000**	**5**	**20**	**5**	**2100**	**50**	**480**	**0.5**	**2800**	**2800**	**5**	**140**	**2100**	**2100**	**50,000**
Well ID	Sample Date	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
MW-1	24-Apr-13	0.95 U	1.3i	1.6i	19	0.050 U	0.050 U	0.025 U	0.025 U	0.025 U	0.025 U	0.015 U	0.015 U	0.015 U	0.015 U	0.025 U	0.00510 U	0.025 U	0.025 U	0.015 U	0.050 U	0.025 U	0.025 U	46 U
MW-1	21-Jan-14	0.95 U	1.2i	1.7i	5.4																			46 U
MW-A2	23-Apr-13	0.95 U	1.6i	0.59i	5.1i	0.050 U	0.050 U	0.025 U	0.025 U	0.025 U	0.025 U	0.015 U	0.015 U	0.015 U	0.015 U	0.025 U	0.00510 U	0.025 U	0.025 U	0.015 U	0.050 U	0.025 U	0.025 U	225
MW-A2	21-Jan-14	0.95 U	1.1i	0.77i	4.6																			46 U
MW-A3	23-Apr-13	0.95 U	0.65 U	1.1i	12	0.050 U	0.050 U	0.025 U	0.025 U	0.025 U	0.025 U	0.015 U	0.015 U	0.015 U	0.015 U	0.025 U	0.00510 U	0.025 U	0.025 U	0.015 U	0.050 U	0.025 U	0.025 U	256
MW-A3	21-Jan-14	0.95 U	0.65 U	0.93i	13																			46 U
MW-B10	23-Apr-13	0.95 U	1.5i	1.3i	3.4i	0.050 U	0.050 U	0.025 U	0.025 U	0.025 U	0.025 U	0.015 U	0.015 U	0.015 U	0.015 U	0.025 U	0.00510 U	0.025 U	0.025 U	0.015 U	0.050 U	0.025 U	0.025 U	169
MW-B10	22-Jan-14	0.95 U	0.90i	2.2	1.9i																			46 U
MW-B11	24-Apr-13	0.95 U	0.70i	1.2i	1.6i	0.050 U	0.050 U	0.025 U	0.025 U	0.025 U	0.025 U	0.015 U	0.015 U	0.015 U	0.015 U	0.025 U	0.00510 U	0.025 U	0.025 U	0.015 U	0.050 U	0.025 U	0.025 U	126
MW-B11	22-Jan-14	0.95 U	0.65 U	1.2i	1.7i																			46 U
MW-B4	23-Apr-13	0.95 U	0.65 U	1.1i	9.4	0.050 U	0.050 U	0.025 U	0.025 U	0.025 U	0.025 U	0.015 U	0.015 U	0.015 U	0.015 U	0.025 U	0.00510 U	0.025 U	0.025 U	0.015 U	0.050 U	0.025 U	0.025 U	244
MW-B4	21-Jan-14	0.95 U	0.65 U	0.86i	10																			46 U
MW-B5	23-Apr-13	0.95 U	2.5i	1.5i	4.9i	0.050 U	0.050 U	0.025 U	0.025 U	0.025 U	0.025 U	0.015 U	0.015 U	0.015 U	0.015 U	0.025 U	0.00510 U	0.025 U	0.025 U	0.015 U	0.050 U	0.025 U	0.025 U	254
MW-B5	21-Jan-14	0.95 U	1.8i	2.1	6.4																			46 U
MW-B6	23-Apr-13	0.95 U	4.2i	1.9i	21	0.050 U	0.050 U	0.025 U	0.025 U	0.025 U	0.025 U	0.015 U	0.015 U	0.015 U	0.015 U	0.025 U	0.00510 U	0.025 U	0.025 U	0.015 U	0.050 U	0.025 U	0.025 U	232
MW-B6	21-Jan-14	0.95 U	5.5	3.1	33																			46 U
MW-B7	23-Apr-13	0.95 U	2.6i	8.4	43	0.050 U	0.050 U	0.025 U	0.025 U	0.025 U	0.025 U	0.015 U	0.015 U	0.015 U	0.015 U	0.025 U	0.00510 U	0.025 U	0.025 U	0.015 U	0.050 U	0.025 U	0.025 U	234
MW-B7	22-Jan-14	0.95 U	1.6i	2.7	24																			46 U
MW-B8	23-Apr-13	0.95 U	0.90i	1.9i	1.3i	0.050 U	0.050 U	0.025 U	0.025 U	0.025 U	0.025 U	0.015 U	0.015 U	0.015 U	0.015 U	0.025 U	0.00510 U	0.025 U	0.025 U	0.015 U	0.050 U	0.025 U	0.025 U	97
MW-B8	22-Jan-14	0.95 U	1.2i	2	2.2																			46 U
MW-B9	23-Apr-13	0.95 U	0.65 U	1.6i	0.76i	0.050 U	0.050 U	0.025 U	0.025 U	0.025 U	0.025 U	0.015 U	0.015 U	0.015 U	0.015 U	0.025 U	0.00510 U	0.025 U	0.025 U	0.015 U	0.050 U	0.025 U	0.025 U	47i
MW-B9	22-Jan-14	0.95 U	0.68i	0.88i	2.4																			46 U
MW-D11	24-Apr-13	1.7i	1.9i	3.4i	5.5i	0.050 U	0.050 U	0.025 U	0.025 U	0.025 U	0.025 U	0.015 U	0.015 U	0.015 U	0.015 U	0.025 U	0.00510 U	0.025 U	0.025 U	0.015 U	0.050 U	0.025 U	0.025 U	37 U
MW-D11	22-Jan-14	3.5	1.4i	1.2i	17																			46 U
MW-E11	24-Apr-13	1.2i	0.87i	2.2i	0.78i	0.050 U	0.050 U	0.025 U	0.025 U	0.025 U	0.025 U	0.015 U	0.015 U	0.015 U	0.015 U	0.025 U	0.00510 U	0.025 U	0.025 U	0.015 U	0.050 U	0.025 U	0.025 U	66i
MW-E11	22-Jan-14	2.4	1.5i	0.86i	7.2																			46 U
MW-G2	24-Apr-13	0.95 U	1.9i	1.9i	1.6i	0.050 U	0.050 U	0.025 U	0.025 U	0.025 U	0.025 U	0.015 U	0.015 U	0.015 U	0.015 U	0.025 U	0.00510 U	0.025 U	0.025 U	0.015 U	0.050 U	0.025 U	0.025 U	66i
MW-G2	21-Jan-14	0.95 U	0.96i	2	1.2i																			46 U
MW-G8	24-Apr-13	0.95 U	0.65 U	1.3i	0.81i	0.050 U	0.050 U	0.025 U	0.025 U	0.025 U	0.025 U	0.015 U	0.015 U	0.015 U	0.015 U	0.025 U	0.00510 U	0.025 U	0.025 U	0.015 U	0.050 U	0.025 U	0.025 U	46 U
MW-G8	21-Jan-14	0.95 U	0.65 U	0.88i	0.91i																			237
MW-C6	14-May-13				**760**																			
MW-C6	5-Jun-13				**620**																			
MW-C6	22-Jan-14	0.95 U	1.8i	23	*400*																			46 U
MW-D1	24-Apr-13	0.95 U	2.3i	1.6i	9.6	0.050 U	0.050 U	0.025 U	0.025 U	0.025 U	0.025 U	0.015 U	0.015 U	0.015 U	0.015 U	0.025 U	0.00510 U	0.025 U	0.025 U	0.015 U	0.050 U	0.025 U	0.025 U	46 U
MW-D1	21-Jan-14	0.95 U	*12*	1.5i	28																			46 U
MW-D1	30-Jan-14		8.6																					
MW-D5	5-Jun-13				2.2																			
MW-D5	22-Jan-14	0.95 U	**110**	1.4i	3.4																			73i
MW-D6	14-May-13				*310*																			
MW-D6	5-Jun-13				**1200**																			
MW-D6	22-Jan-14	0.95 U	2.8	9.4	*300*																			121
MW-D8	14-May-13				14																			
MW-D8	22-Jan-14	0.95 U	7.6	16	19																			46 U
MW-E7	14-May-13				40																			
MW-E7	23-Jan-14	0.95	3.3	34	34																			46 U

Groundwater Results		Antimony	Arsenic	Nickel	Vanadium	1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene	TRPH (FL-PRO)
GCTL-Groundwater Cleanup Target Level		*6*	*10*	*100*	*49*	*28*	*28*	*20*	*210*	*2100*	*0.05*	*0.2*	*0.05*	*210*	*0.5*	*4.8*	*0.005*	*280*	*280*	*0.05*	*14*	*210*	*210*	*5,000*
NADC-Natural Attenuation Default Concentration		**60**	**100**	**1000**	**490**	**280**	**280**	**200**	**2100**	**21000**	**5**	**20**	**5**	**2100**	**50**	**480**	**0.5**	**2800**	**2800**	**5**	**140**	**2100**	**2100**	**50,000**
Well ID	Sample Date	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
MW-E7D	14-May-13				*200*																			
MW-E7D	5-Jun-13				6.8																			
MW-E7D	22-Jan-14	2.1	0.72i	2.4	1.6i																			59i
MW-E7DD	5-Jun-13				3.6																			
MW-E7DD	22-Jan-14	2.6	1.5i	0.95i	1.6i																			109
OB-6	24-Apr-13	0.95 U	0.86i	4.0i	*74*	0.050 U	0.050 U	0.025 U	0.025 U	0.025 U	0.025 U	0.015 U	0.015 U	0.015 U	0.015 U	0.025 U	0.00510 U	0.025 U	0.025 U	0.015 U	0.050 U	0.025 U	0.025 U	46 U
OB-6	5-Jun-13				*57*																			
OB-6	22-Jan-14	0.95 U	0.72i	3.8	46																			91i
OB-7	24-Apr-13	0.95 U	0.65 U	7.5i	*130*	0.050 U	0.050 U	0.025 U	0.025 U	0.025 U	0.025 U	0.015 U	0.015 U	0.015 U	0.015 U	0.025 U	0.00510 U	0.025 U	0.025 U	0.015 U	0.050 U	0.025 U	0.025 U	49i
OB-7	5-Jun-13				*120*																			
OB-7	23-Jan-14	0.95 U	0.65 U	5	*71*																			46 U
MW-E3	1-Jun-15	3.9	4.2	0.55I	*60*	0.047 U	0.047 U	0.023 U	0.023 U	0.023 U	0.023 U	0.014 U	0.014 U	0.014 U	0.014 U	0.023 U	0.0048 U	0.023 U	0.023 U	0.014 U	0.047 U	0.023 U	0.023 U	0.316i
MW-E5	1-Jun-15	1.5i	*20*	0.78	*6.6*	0.047 U	0.047 U	0.024 U	0.024 U	0.024 U	0.024 U	0.014 U	0.014 U	0.014 U	0.014 U	0.024 U	0.0048 U	0.024 U	0.024 U	0.014 U	0.078i	0.024 U	0.024 U	0.362i

Notes:

ug/l- micrograms per liter

Red, bold and underlined text indicates concentrations exceed Natural Attenuation Default Concentration (NADC)

Blue italic text indicates the concentration exceeds Groundwater Cleanup Target Level (GTCL)

U- indicates not detected at specified detection limit

i- indicates the reported value is between the laboratory method detection limit and the laboratory practical quantitation limit

APPENDIX G

Remedial Action Plan Details

CUTLER POWER PLANT PRE-DEMOLITION ENGINEERING

14925 SW 67TH AVENUE
MIAMI, FLORIDA

INDEX:

SHEET NO:	DWG NO:	DRAWING TITLE
~~-~~	~~-~~	~~COVER SHEET~~
~~1~~	~~S-1~~	~~SURVEY (1 OF 8)~~
~~2~~	~~S-2~~	~~SURVEY (2 OF 8)~~
~~3~~	~~S-3~~	~~SURVEY (3 OF 8)~~
~~4~~	~~S-4~~	~~SURVEY (4 OF 8)~~
~~5~~	~~S-5~~	~~SURVEY (5 OF 8)~~
~~6~~	~~S-6~~	~~SURVEY (6 OF 8)~~
~~7~~	~~S-7~~	~~SURVEY (7 OF 8)~~
~~8~~	~~S-8~~	~~SURVEY (8 OF 8)~~
9	C-1	GENERAL NOTES AND SPECIFICATIONS
~~10~~	~~C-2A~~	~~LIMITS OF CONSTRUCTION~~
~~11~~	~~C-2~~	~~DEMOLITION PLAN (1 OF 6)~~
~~12~~	~~C-3~~	~~DEMOLITION PLAN (2 OF 6)~~
~~13~~	~~C-4~~	~~DEMOLITION PLAN (3 OF 6)~~
~~14~~	~~C-5~~	~~DEMOLITION PLAN (4 OF 6)~~
~~15~~	~~C-6~~	~~DEMOLITION PLAN (5 OF 6)~~
~~16~~	~~C-7~~	~~DEMOLITION PLAN (6 OF 6)~~
17	C-8	GRADING PLAN (1 OF 6)
18	C-9	GRADING PLAN (2 OF 6)
19	C-10	GRADING PLAN (3 OF 6)
20	C-11	GRADING PLAN (4 OF 6)
21	C-12	GRADING PLAN (5 OF 6)
22	C-13	GRADING PLAN (6 OF 6)

LOCATION MAP

NOT TO SCALE

INDEX:

SHEET NO:	DWG NO:	DRAWING TITLE
~~23~~	~~C-14~~	~~CANAL CROSS SECTION PLAN (1 OF 2)~~
~~24~~	~~C-15~~	~~CANAL CROSS SECTION PLAN (2 OF 2)~~
~~25~~	~~C-16~~	~~CANAL CROSS SECTIONS (1 OF 6)~~
~~26~~	~~C-17~~	~~CANAL CROSS SECTIONS (2 OF 6)~~
~~27~~	~~C-18~~	~~CANAL CROSS SECTIONS (3 OF 6)~~
~~28~~	~~C-19~~	~~CANAL CROSS SECTIONS (4 OF 6)~~
~~29~~	~~C-20~~	~~CANAL CROSS SECTIONS (5 OF 6)~~
~~30~~	~~C-21~~	~~CANAL CROSS SECTIONS (6 OF 6)~~
31	C-22	STORMWATER POLLUTION PREVENTION PLAN (1 OF 6)
32	C-23	STORMWATER POLLUTION PREVENTION PLAN (2 OF 6)
33	C-24	STORMWATER POLLUTION PREVENTION PLAN (3 OF 6)
34	C-25	STORMWATER POLLUTION PREVENTION PLAN (4 OF 6)
35	C-26	STORMWATER POLLUTION PREVENTION PLAN (5 OF 6)
36	C-27	STORMWATER POLLUTION PREVENTION PLAN (6 OF 6)
~~37~~	~~LA-1~~	~~EXISTING TREE DISPOSITION PLAN AND PLANTING PLAN (1 OF 6)~~
~~38~~	~~LA-2~~	~~EXISTING TREE DISPOSITION PLAN AND PLANTING PLAN (2 OF 6)~~
~~39~~	~~LA-3~~	~~EXISTING TREE DISPOSITION PLAN AND PLANTING PLAN (3 OF 6)~~
~~40~~	~~LA-4~~	~~EXISTING TREE DISPOSITION PLAN AND PLANTING PLAN (4 OF 6)~~
~~41~~	~~LA-5~~	~~EXISTING TREE DISPOSITION PLAN AND PLANTING PLAN (5 OF 6)~~
~~42~~	~~LA-6~~	~~EXISTING TREE DISPOSITION PLAN AND PLANTING PLAN (6 OF 6)~~
~~43~~	~~LA-7~~	~~EXISTING TREE DISPOSITION LIST (1 OF 2)~~
~~44~~	~~LA-8~~	~~EXISTING TREE DISPOSITION LISTAND TREE PROTECTION DETAIL~~
~~45~~	~~LA-9~~	~~MANGROVE AREA POTENTIAL IMPACT~~
~~46~~	~~LA-10~~	~~MANGROVE AREA POTENTIAL IMPACT~~

PREPARED FOR:

FLORIDA POWER AND LIGHT

ROSS ENGINEERING, INC.
17670 NW 78TH AVE, SUITE 214
MIAMI, FLORIDA 33015
(786)468-8304 (305)392-1019 FAX
CERTIFICATE OF AUTHORIZATION No. 9808

FPL

700 UNIVERSE BLVD.
JUNO BEACH, FL 33408

100% CONSTRUCTION DOCUMENTS

ROBERT J. ROSS
LICENSE
No. 39485
STATE OF FLORIDA

ROBERT J. ROSS, P.E.
STATE OF FLORIDA
REGISTRATION NO: 39485
DATE: 09/30/2015

SCALE: 1"=40'

I. APPLICABLE CODES

A. ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO THE STANDARDS AND SPECIFICATIONS OF THE VILLAGE OF PALMETTO BAY, MIAMI-DADE REGULATORY AND ECONOMIC RESOURCES (RER) AND ALL OTHER LOCAL, STATE AND NATIONAL CODES WHERE APPLICABLE EXCEPT WITHIN DEPARTMENT OF TRANSPORTATION D.O.T.) R/W WHEREIN FLORIDA DEPARTMENT OF TRANSPORTATION (F.D.O.T.) GOVERNS. IN THE EVENT OF A CONFLICT THE VILLAGE OF PALMETTO BAY SPECIFICATIONS WILL GOVERN.

B. ALL CONSTRUCTION SHALL BE COMPLETED IN A SAFE MANNER AND IN STRICT COMPLIANCE WITH ALL THE REQUIREMENTS OF FEDERAL OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970, AND ALL STATE AND LOCAL SAFETY AND HEALTH DEPARTMENT REGULATIONS.

C. ALL ELEVATIONS SHOWN ON THE CONSTRUCTION DRAWINGS ARE BASED ON THE NATIONAL GEODETIC VERTICAL DATUM OF 1929, (N.G.V.D.), UNLESS OTHERWISE NOTED.

D. THE VILLAGE OF PALMETTO BAY WATER AND SEWER SPECIFICATIONS SHALL DICTATE WHEN IN CONFLICT WITH ANY OF THE FOLLOWING SPECIFICATIONS.

E. ALL MATERIALS AND CONSTRUCTION WITHIN THE D.O.T. R/W SHALL CONFORM TO THE D.O.T. "DESIGN STANDARDS" AND "STANDARD SPECIFICATIONS" (2014).

F. THE CONSULTANT'S ENGINEER IS RESPONSIBLE FOR CONSTRUCTION INSPECTION AND SHALL INSURE THAT THE MAINTENANCE OF TRAFFIC (M.O.T.) PLAN FOR THE PROJECT CONFORMS WITH THE FDOT STANDARD INDEX NO. 600, OR APPLICABLE INDEX FOR WORK BEING PERFORMED. THE CONTRACTOR SHALL INSURE THE M.O.T. PLAN IS IMPLEMENTED EXACTLY AS APPROVED.

II. PRECONSTRUCTION RESPONSIBILITIES

A. UPON THE RECEIPT OF THE "NOTICE TO PROCEED", THE CONTRACTOR SHALL CONTACT THE ENGINEER OF RECORD AND ARRANGE A PRECONSTRUCTION CONFERENCE TO INCLUDE ALL INVOLVED GOVERNMENTAL AGENCIES, UTILITY OWNERS, THE OWNER AND THE ENGINEER OF RECORD.

B. THE CONTRACTOR SHALL OBTAIN A SUNSHINE STATE ONE CALL OF FLORIDA, INC. CERTIFICATION NUMBER AT LEAST 48 HOURS PRIOR TO BEGINNING ANY EXCAVATION, CALL 1-800-432-4770.

C. ALL UTILITY EASEMENTS TO BE SECURED PRIOR TO CONSTRUCTION (IF REQUIRED).

D. LOCATION OF EXISTING FACILITIES AS SHOWN ON CONSTRUCTION DRAWINGS ARE DRAWN FROM AVAILABLE RECORDS. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THE FACILITIES SHOWN OR FOR ANY FACILITY NOT SHOWN. THE CONTRACTOR SHALL VERIFY, IF POSSIBLE, THE ELEVATIONS AND LOCATIONS OF EXISTING FACILITIES PRIOR TO CONSTRUCTION. IF AN EXISTING FACILITY IS FOUND TO BE IN CONFLICT WITH THE PROPOSED CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF RECORD SO THAT APPROPRIATE MEASURES CAN BE TAKEN TO RESOLVE THE CONFLICT.

E. THE CONTRACTOR MUST CALL THE VILLAGE OF PALMETTO BAY TRAFFIC ENGINEERING DIVISION AT LEAST 48 HOURS BEFORE ANY EXCAVATION WITHIN THE D.O.T. R/W TO DETERMINE THE LOCATION OF THE EXISTING TRAFFIC SIGNAL INTERCONNECT CABLE

III. INSPECTIONS

A. THE CONTRACTOR SHALL NOTIFY THE VILLAGE OF PALMETTO BAY ENGINEERING DEPARTMENT AND UTILITIES DEPARTMENT, THE ENGINEER OF RECORD, AND ANY OTHER GOVERNMENTAL AGENCIES HAVING JURISDICTION AT LEAST 24 HOURS PRIOR TO BEGINNING CONSTRUCTION AND PRIOR TO THE INSPECTION OF THE FOLLOWING ITEMS, WHERE APPLICABLE:

1. STORM DRAINAGE SYSTEM
2. SUBGRADE
3. LIMEROCK BASE
4. ASPHALTIC CONCRETE
5. FINAL

IV. SHOP DRAWINGS

A. PRIOR TO THEIR CONSTRUCTION OR INSTALLATION, SHOP DRAWINGS SHALL BE SUBMITTED TO AND APPROVED BY THE ENGINEER OF RECORD AND THE VILLAGE OF PALMETTO BAY FOR THE FOLLOWING: CATCH BASINS AND ALL REQUIRED ACCESSORIES. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ALL OTHER AGENCY APPROVALS IF REQUIRED.

V. TEMPORARY FACILITIES

A. TEMPORARY FACILITIES:

1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ARRANGE FOR OR SUPPLY TEMPORARY WATER SERVICE, SANITARY FACILITIES AND ELECTRICITY.

B. TRAFFIC REGULATION:

1. MAINTENANCE OF TRAFFIC (M.O.T.) IN THE PUBLIC RIGHTS-OF-WAY SHALL BE IN ACCORDANCE WITH THE FDOT STANDARD INDEX NO. 600.
2. ALL OPEN TRENCHES AND EXCAVATIONS ADJACENT TO ROADWAYS OR WALKWAYS SHALL BE PROPERLY MARKED AND BARRICADED TO ASSURE THE SAFETY OF BOTH VEHICULAR AND PEDESTRIAN TRAFFIC.
3. NO TRENCHES OR EXCAVATIONS NEAR WALKWAYS, IN ROADWAYS OR THEIR SHOULDERS ARE TO BE LEFT OPEN DURING NIGHTTIME HOURS WITHOUT EXPRESS PERMISSION OF THE VILLAGE OF PALMETTO BAY.
4. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR FOR ANY NECESSARY CONSTRUCTION, TO PROVIDE TEMPORARY PAVEMENT MARKING AND SIGNAGE OR ANY PEDESTRIAN SIGNALIZATION AND/OR SIGNAL MODIFICATION TO ACCOMMODATE AN ALTERNATE SAFE WALK ROUTE.

VI. STORM DRAINAGE:

A. GENERAL:

1. DISTANCES AND LENGTHS SHOWN ON PLANS ARE REFERENCED TO THE CENTER OF STRUCTURES.

B. MATERIALS:

1. REINFORCED CONCRETE PIPE (R.C.P.) SHALL MEET THE REQUIREMENTS OF ASTM C-76, LATEST REVISION. RUBBER GASKETS OR OTHER MANUFACTURER SUPPLIED JOINT SEALER SHALL BE USED.
2. CORRUGATED ALUMINUM PIPE (C.A.P.) SHALL BE HELICAL TYPE, CONFORMING TO ASTM B209 AND AASHTO M196, AS MANUFACTURED BY KAISER ALUMINUM, INC., OR APPROVED EQUAL. THE CORRUGATION PATTERN AND GAUGE SHALL BE AS FOLLOWS:

DIA.	CORRUGATION	GAUGE
12" to 21"	2 2/3" x 1/2"	16
24" to 27"	2 2/3" x 1/2"	16
30"	2 2/3" x 1/2"	14
36" to 54"	3" x 1"	14
60" to 78"	3" x 1"	12

3. PIPE COUPLINGS FOR C.A.P. SHALL BE 12" WIDE (MINIMUM) 24" FOR 60" DIAMETER OR LARGER. SPLIT BANDS OF THE SAME ALLOY AS THE PIPE MAY BE ONE GAUGE LIGHTER THAN THE PIPE. POLYURETHANE OR OTHER MANUFACTURER SUPPLIED SEALANT SHALL BE USED WITH THE COUPLINGS.
4. FIELD JOINTS IN THE PIPE SHALL BE MADE WITH ALUMINUM SPIRAL RIB PIPE FORMED FROM COILED ALUMINUM SHEETS AND SHALL CONFORM TO ASTM B2-09 AND AASHTO M196, AS APPROVED BY KAISER ALUMINUM, INC., OR APPROVED EQUAL.
5. ALL DRAINAGE CATCH BASINS AND STRUCTURES SHALL BE PRECAST CONCRETE AS MANUFACTURED BY U.S. PRECAST CORPORATION, UNLESS OTHERWISE NOTED ON THE PLANS. BLOCK CATCH BASINS WILL BE ALLOWED ONLY WITH APPROVAL OF THE ENGINEER.

C. INSTALLATION

1. PIPE SHALL BE PLACED ON A MINIMUM OF 6" STABLE GRANULAR MATERIAL FREE OF ROCK FORMATION AND OTHER FOREIGN FORMATIONS, AND CONSTRUCTED TO A UNIFORM GRADE AND LINE.
2. BACKFILL MATERIAL SHALL BE WELL GRADED GRANULAR MATERIAL, WELL TAMPED TO A HEIGHT OF 12 INCHES ABOVE PIPE AS SHOWN ON THE PLANS. TAMPING TO BE DONE IN LAYERS NOT TO EXCEED 12 INCHES.
3. PROVIDE A MINIMUM PROTECTIVE COVER OF 18 INCHES OVER STORM SEWER AND AVOID UNNECESSARY CROSSING BY HEAVY CONSTRUCTION VEHICLES DURING CONSTRUCTION.
4. THE CONTRACTOR SHALL NOTIFY THE VILLAGE OF PALMETTO BAY ENGINEERING DIVISION AT LEAST 7 DAYS PRIOR TO THE START OF THE CONSTRUCTION AND INSPECTION.

VII. PROJECT CLOSEOUT

A. CLEANING UP:

1. DURING CONSTRUCTION, THE PROJECT SITE AND ALL ADJACENT AREAS SHALL BE MAINTAINED IN A NEAT AND CLEAN MANNER, AND UPON FINAL CLEAN-UP, THE PROJECT SITE SHALL BE LEFT CLEAR OF ALL SURPLUS MATERIAL OR TRASH. THE PAVED AREAS SHALL BE SWEPT BROOM CLEAN.
2. THE CONTRACTOR SHALL RESTORE OR REPLACE, WHEN AND AS DIRECTED, ANY PUBLIC OR PRIVATE PROPERTY DAMAGED BY HIS WORK, EQUIPMENT, OR EMPLOYEES, TO A CONDITION AT LEAST EQUAL TO THAT EXISTING IMMEDIATELY AND PRIOR TO THE BEGINNING OF OPERATIONS. THE CONTRACTOR SHALL DO, AS REQUIRED, ALL NECESSARY ROADWAY, DRIVEWAY, WALKWAY AND LANDSCAPING WORK. APPROVED MATERIALS AND METHODS SHALL BE USED FOR SUCH RESTORATION.
3. WHERE MATERIAL OR DEBRIS HAS WASHED OR FLOWED INTO OR HAS BEEN PLACED IN WATER COURSES, DITCHES, DRAINS, CATCH BASINS, OR ELSEWHERE AS A RESULT OF THE CONTRACTOR'S OPERATIONS, SUCH MATERIAL OR DEBRIS SHALL BE REMOVED AND SATISFACTORILY DISPOSED OF DURING THE PROGRESS OF THE WORK, AND THE AREA KEPT IN A CLEAN AND NEAT CONDITION.

B. ALL PROPERTY CORNERS OR PERMANENT REFERENCE MONUMENTS (PRM'S) REMOVED OR DESTROYED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE RESTORED BY A STATE OF FLORIDA REGISTERED LAND SURVEYOR AT THE CONTRACTOR'S EXPENSE.

C. ALL UNPAVED SURFACES DISTURBED AS A RESULT OF CONSTRUCTION ACTIVITIES SHALL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN THAT WHICH EXISTED BEFORE THE CONSTRUCTION.

VIII. ENGINEER'S AS-BUILT REQUIREMENTS

1. LAKE AND CANAL BANK AS-BUILTS SHALL INCLUDE A KEY SHEET OF THE LAKE FOR THE LOCATION OF CROSS SECTIONS. LAKE AND CANAL BANK CROSS SECTIONS SHALL BE PLOTTED AT A MINIMUM OF EVERY 100 LF, UNLESS OTHERWISE SPECIFIED. AS-BUILTS SHALL CONSIST OF THE LOCATION AND ELEVATION OF THE TOP OF BANK, EDGE OF WATER AND THE DEEP CUT LINE, WITH THE DISTANCE BETWEEN EACH SHOWN ON THE DRAWING.
2. UPON COMPLETION OF THE WORK, THE CONTRACTOR SHALL PREPARE RECORD DRAWINGS, "AS-BUILTS", ON FULL SIZE, 24" X 36" REPRODUCIBLE MATERIAL. WHERE WATER AND SEWER INFORMATION ARE ON THE SAME PAGE THE WATER LINE SHALL BE AS-BUILT BY STATION AND OFFSET UTILIZING THE SANITARY SEWER SYSTEM AS THE BASE LINE. IF IT IS NOT PRACTICAL TO UTILIZE THE SEWER SYSTEM AS A BASE LINE THEN THE SURVEYOR SHALL CONTACT THE ENGINEER OF RECORD SO THAT A SUBSTITUTE BASELINE MAY BE CHOSEN. ALL RECORD DRAWING, "AS-BUILT", INFORMATION SHALL BE PUT ON THE LATEST ENGINEERING DRAWINGS. ONE (1) SET OF REPRODUCIBLE RECORD DRAWINGS, "AS-BUILTS", SHALL BE SUBMITTED ALONG WITH EIGHT (8) SETS OF BLUE OR BLACKLINE DRAWINGS. THESE DRAWINGS SHALL BE SIGNED AND SEALED BY A FLORIDA REGISTERED PROFESSIONAL LAND SURVEYOR. ADDITIONALLY, AN ELECTRONIC COPY OF THESE RECORD DRAWINGS, "AS-BUILTS", SHALL BE SUBMITTED TO THE ENGINEER OF RECORD IN AUTOCAD, 2000.
3. THE FOLLOWING SUBMITTALS TO THE VILLAGE OF PALMETTO BAY ARE REQUIRED AFTER THE PROJECT IS COMPLETED AND APPROVED BY THE CITY ENGINEER:

   A. TWO (2) COMPLETE "AS-BUILT" SETS OF BLUEPRINTS SIGNED AND SEALED BY A REGISTERED ENGINEER.

   B. ONE (1) "AS-BUILT" CD IN AUTOCAD.

DCS JEM	11/16/12		
DESIGNED BY	DATE		
DCS TC	11/16/12		
DRAWN BY	DATE		
MR JEM	11/16/12		
CHECKED BY	DATE		
RR RR	11/16/12		
APPROVED BY	DATE	No.	DATE	REVISIONS

FPL

CUTLER POWER PLANT
MIAMI, FLORIDA

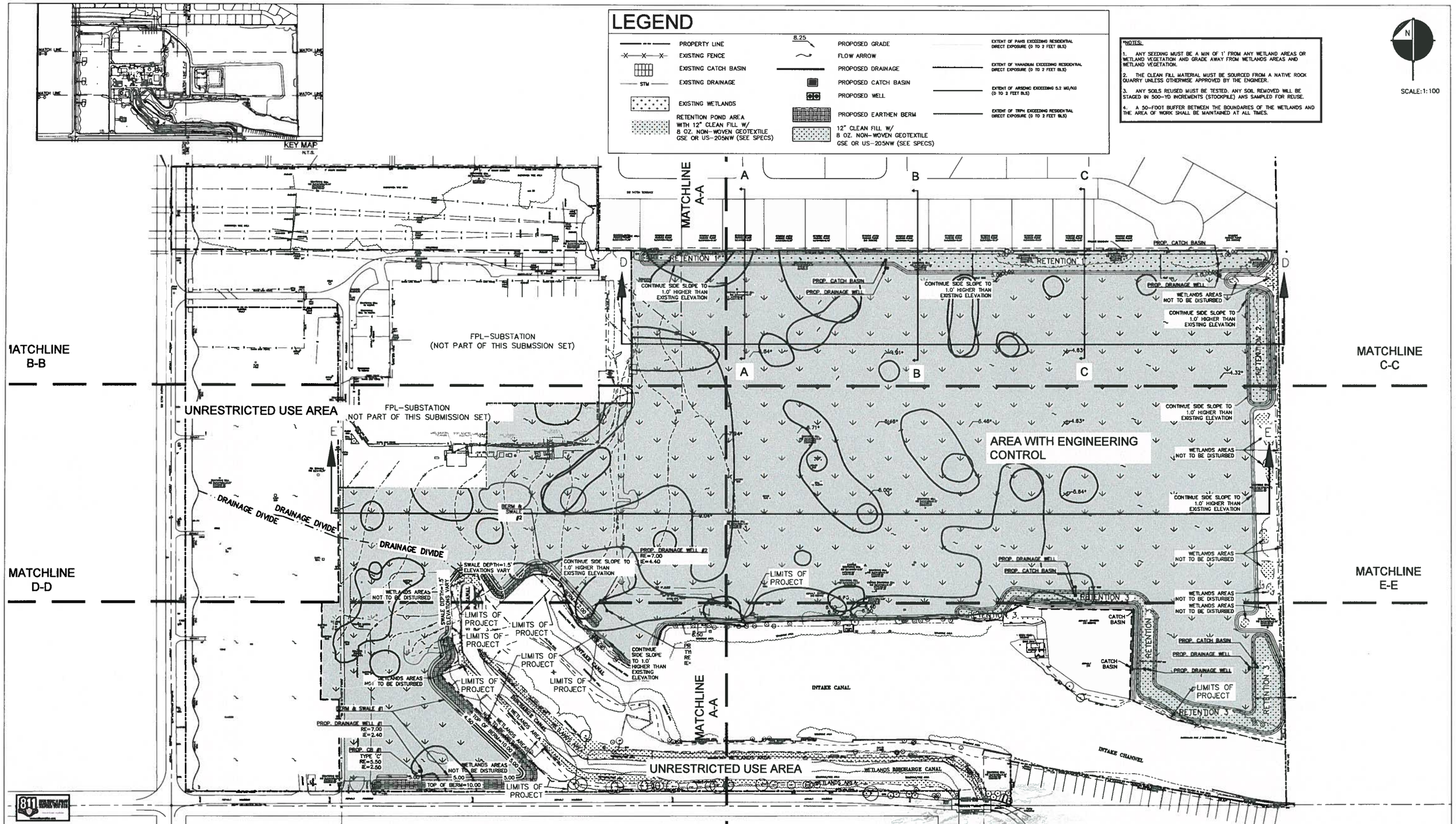
ROSS ENGINEERING, INC.
17670 NW 78TH AVE, SUITE 214
MIAMI, FLORIDA 33015
(786)468-8304 (305)392-1019 FAX
CERTIFICATE OF AUTHORIZATION No. 9808

ROBERT J. ROSS, P.E.
STATE OF FLORIDA
REGISTRATION NO. 59485
DATE: 9/30/2015

GENERAL NOTES AND SPECIFICATIONS

SCALE: NTS

SHEET No. C-1



LEGEND

- PROPERTY LINE
- EXISTING FENCE
- EXISTING CATCH BASIN
- EXISTING DRAINAGE
- EXISTING WETLANDS
- RETENTION POND AREA WITH 12" CLEAN FILL W/ 8 OZ. NON-WOVEN GEOTEXTILE GSE OR US-205NW (SEE SPECS)
- PROPOSED GRADE
- FLOW ARROW
- PROPOSED DRAINAGE
- PROPOSED CATCH BASIN
- PROPOSED WELL
- PROPOSED EARTHEN BERM
- 12" CLEAN FILL W/ 8 OZ. NON-WOVEN GEOTEXTILE GSE OR US-205NW (SEE SPECS)
- EXTENT OF PAHS EXCEEDING RESIDENTIAL DIRECT EXPOSURE (0 TO 2 FEET BLS)
- EXTENT OF VANADIUM EXCEEDING RESIDENTIAL DIRECT EXPOSURE (0 TO 2 FEET BLS)
- EXTENT OF ARSENIC EXCEEDING 5.2 MG/KG (0 TO 2 FEET BLS)
- EXTENT OF TRPH EXCEEDING RESIDENTIAL DIRECT EXPOSURE (0 TO 2 FEET BLS)

NOTES:

1. ANY SEEDING MUST BE A MIN OF 1' FROM ANY WETLAND AREAS OR WETLAND VEGETATION AND GRADE AWAY FROM WETLANDS AREAS AND WETLAND VEGETATION.
2. THE CLEAN FILL MATERIAL MUST BE SOURCED FROM A NATIVE ROCK QUARRY UNLESS OTHERWISE APPROVED BY THE ENGINEER.
3. ANY SOILS REUSED MUST BE TESTED. ANY SOIL REMOVED WILL BE STAGED IN 500-YD INCREMENTS (STOCKPILE) ANS SAMPLED FOR REUSE.
4. A 50-FOOT BUFFER BETWEEN THE BOUNDARIES OF THE WETLANDS AND THE AREA OF WORK SHALL BE MAINTAINED AT ALL TIMES.

SCALE:1:100

DCS	9/30/2015		
DESIGNED BY	DATE		
DCS	9/30/2015		
DRAWN BY	DATE		
MR	9/30/2015		
CHECKED BY	DATE		
RR	9/30/2015		
APPROVED BY	DATE	No.	DATE	REVISIONS

FPL

FORMER FPL CUTLER POWER PLANT PPARCEL
PALMETTO BAY, FLORIDA

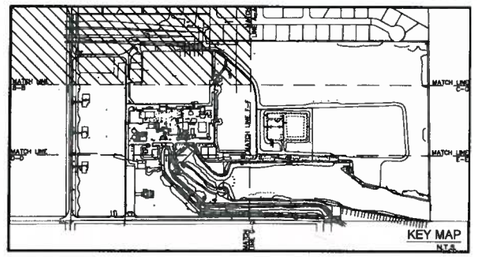
RE ROSS ENGINEERING, INC.
17670 NW 78TH AVE, SUITE 214
MIAMI, FLORIDA 33015
(786)468-8304 (305)392-1019 FAX
CERTIFICATE OF AUTHORIZATION No. 9808

ROBERT J. ROSS, P.E.
STATE OF FLORIDA
REGISTRATION NO. 59485
DATE: 9/30/2015

GRADING PLAN (OVERALL)

SCALE:1:100

SHEET No. C-2



LEGEND

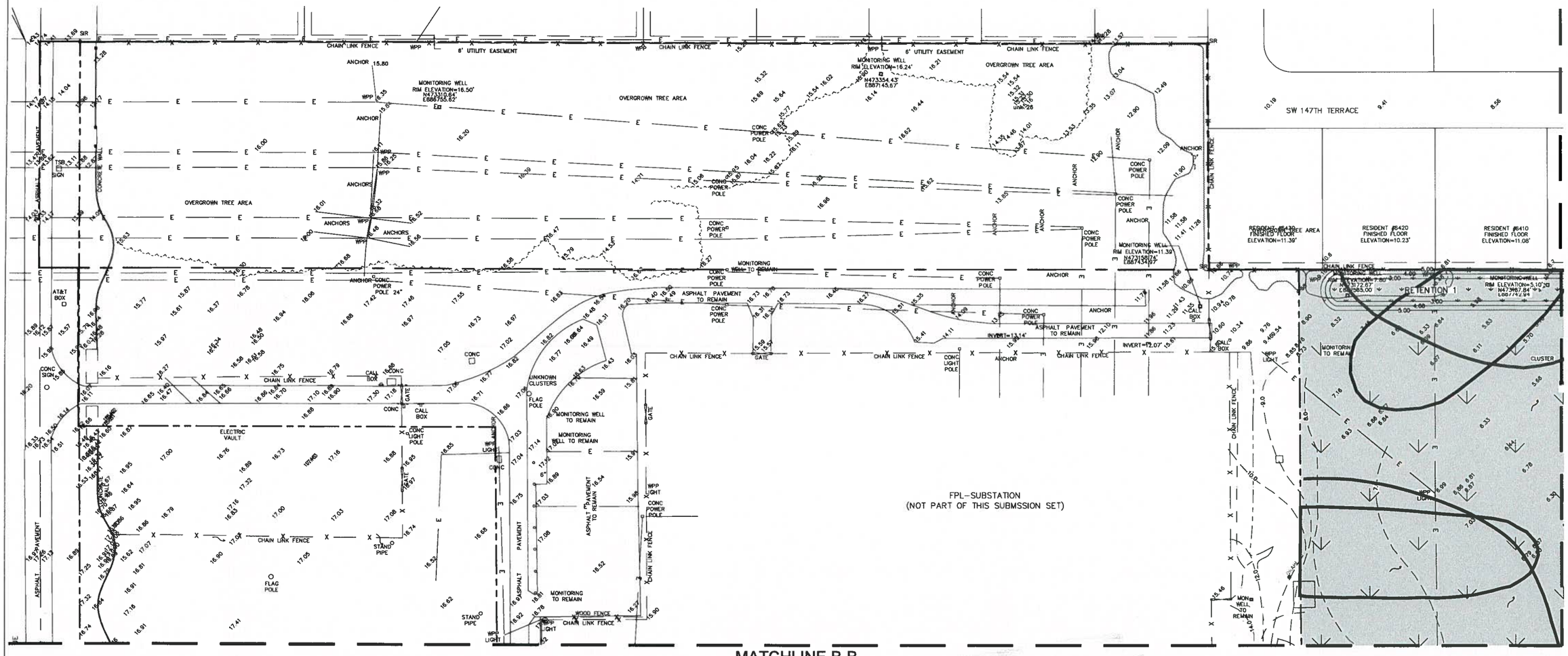
- PROPERTY LINE
- EXISTING FENCE
- EXISTING CATCH BASIN
- STM — EXISTING DRAINAGE
- EXISTING WETLANDS
- RETENTION POND AREA WITH 12" CLEAN FILL W/ 8 OZ. NON-WOVEN GEOTEXTILE GSE OR US-205NW (SEE SPECS)
- 8.25 — PROPOSED GRADE
- FLOW ARROW
- PROPOSED DRAINAGE
- PROPOSED CATCH BASIN
- PROPOSED WELL
- PROPOSED EARTHEN BERM
- 12" CLEAN FILL W/ 8 OZ. NON-WOVEN GEOTEXTILE GSE OR US-205NW (SEE SPECS)
- EXTENT OF PAHS EXCEEDING RESIDENTIAL DIRECT EXPOSURE (0 TO 2 FEET BLS)
- EXTENT OF VANADIUM EXCEEDING RESIDENTIAL DIRECT EXPOSURE (0 TO 2 FEET BLS)
- EXTENT OF ARSENIC EXCEEDING 5.2 MG/KG (0 TO 2 FEET BLS)
- EXTENT OF TRPH EXCEEDING RESIDENTIAL DIRECT EXPOSURE (0 TO 2 FEET BLS)

NOTES:

1. ANY SEEDING MUST BE A MIN OF 1' FROM ANY WETLAND AREAS OR WETLAND VEGETATION AND GRADE AWAY FROM WETLANDS AREAS AND WETLAND VEGETATION.
2. THE CLEAN FILL MATERIAL MUST BE SOURCED FROM A NATIVE ROCK QUARRY UNLESS OTHERWISE APPROVED BY THE ENGINEER.
3. ANY SOILS REUSED MUST BE TESTED. ANY SOIL REMOVED WILL BE STAGED IN 500-YD INCREMENTS (STOCKPILE) ANS SAMPLED FOR REUSE.
4. A 50-FOOT BUFFER BETWEEN THE BOUNDARIES OF THE WETLANDS AND THE AREA OF WORK SHALL BE MAINTAINED AT ALL TIMES.

N

SCALE:1"=40'



811 KNOW WHAT'S BELOW CALL BEFORE YOU DIG

DCS	9/30/2015		
DESIGNED BY	DATE		
DCS	9/30/2015		
DRAWN BY	DATE		
MR	9/30/2015		
CHECKED BY	DATE		
RR	9/30/2015		
APPROVED BY	DATE	No.	DATE	REVISIONS

FPL

FORMER FPL CUTLER POWER PLANT PPARCEL
PALMETTO BAY, FLORIDA

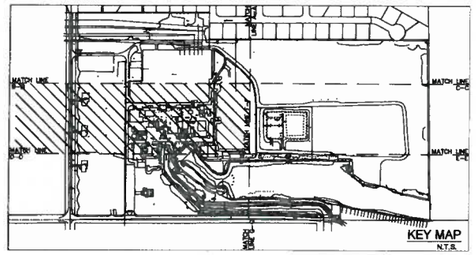
RE ROSS ENGINEERING, INC.
17670 NW 78TH AVE, SUITE 214
MIAMI, FLORIDA 33015
(786)468-8304 (305)392-1019 FAX
CERTIFICATE OF AUTHORIZATION No. 9808

ROBERT J. ROSS, P.E.
STATE OF FLORIDA
REGISTRATION NO. 59485
DATE: 9/30/2015

GRADING PLAN (1 OF 6)

SCALE:1"=40'

SHEET No. C-3



LEGEND

	PROPERTY LINE	8.25	PROPOSED GRADE		EXTENT OF PAHS EXCEEDING RESIDENTIAL DIRECT EXPOSURE (0 TO 2 FEET BLS)
-X-X-X-	EXISTING FENCE		FLOW ARROW		EXTENT OF VANADIUM EXCEEDING RESIDENTIAL DIRECT EXPOSURE (0 TO 2 FEET BLS)
	EXISTING CATCH BASIN		PROPOSED DRAINAGE		EXTENT OF ARSENIC EXCEEDING 5.2 MG/KG (0 TO 2 FEET BLS)
STM	EXISTING DRAINAGE		PROPOSED CATCH BASIN		EXTENT OF TRPH EXCEEDING RESIDENTIAL DIRECT EXPOSURE (0 TO 2 FEET BLS)
	EXISTING WETLANDS		PROPOSED WELL		
	RETENTION POND AREA WITH 12" CLEAN FILL W/ 8 OZ. NON-WOVEN GEOTEXTILE GSE OR US-205NW (SEE SPECS)		PROPOSED EARTHEN BERM		
			12" CLEAN FILL W/ 8 OZ. NON-WOVEN GEOTEXTILE GSE OR US-205NW (SEE SPECS)		

*NOTES:

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2. THE CLEAN FILL MATERIAL MUST BE SOURCED FROM A NATIVE ROCK QUARRY UNLESS OTHERWISE APPROVED BY THE ENGINEER.
3. ANY SOILS REUSED MUST BE TESTED. ANY SOIL REMOVED WILL BE STAGED IN 500-YD INCREMENTS (STOCKPILE) AND SAMPLED FOR REUSE.
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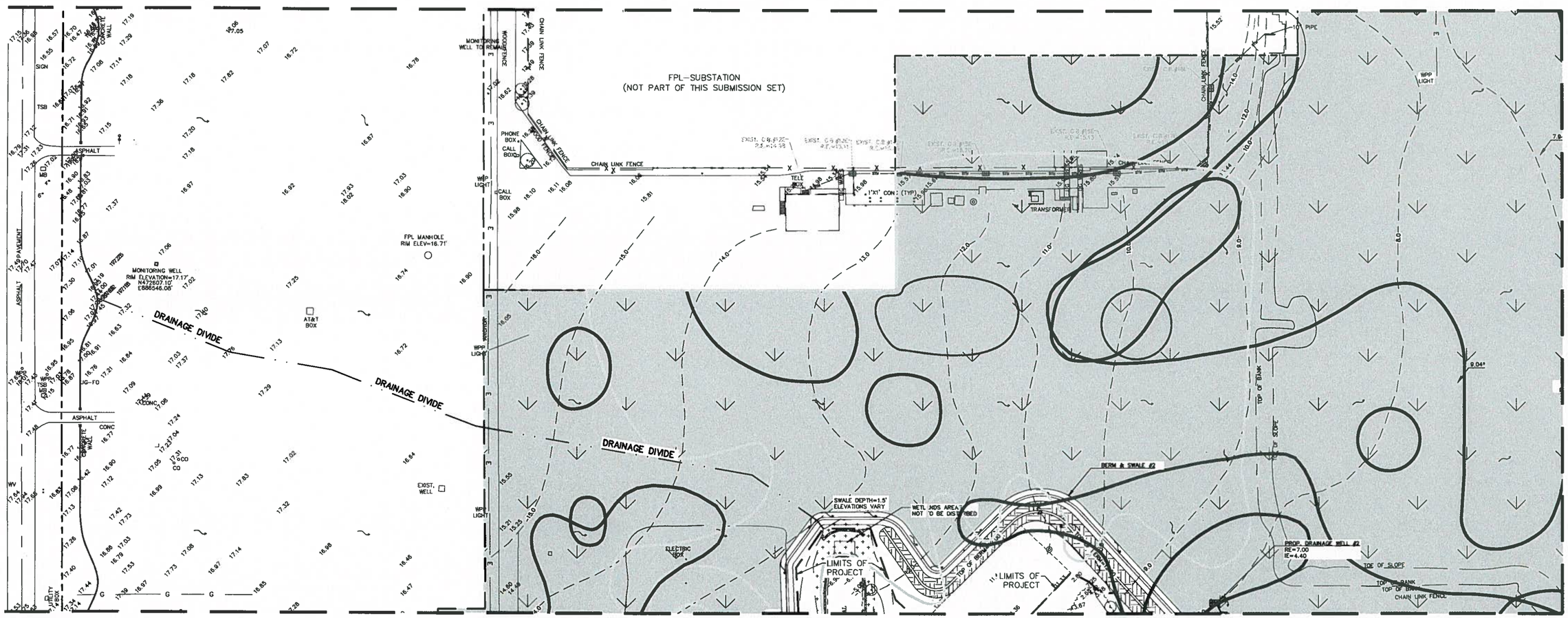
N

SCALE:1"=40'

MATCHLINE B-B



MATCHLINE D-D

811 KNOW WHAT'S BELOW CALL BEFORE YOU DIG

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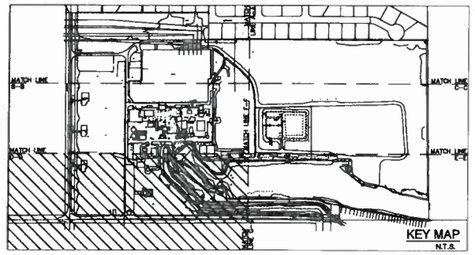
ROBERT J. ROSS, P.E.
STATE OF FLORIDA
REGISTRATION NO. 59485
DATE: 9/30/2015

GRADING PLAN (2 OF 6)

SCALE:1"=40'

SHEET No. C-4



LEGEND

- PROPERTY LINE
- EXISTING FENCE
- EXISTING CATCH BASIN
- EXISTING DRAINAGE
- EXISTING WETLANDS
- RETENTION POND AREA WITH 12" CLEAN FILL W/ 8 OZ. NON-WOVEN GEOTEXTILE GSE OR US-205NW (SEE SPECS)
- PROPOSED GRADE
- FLOW ARROW
- PROPOSED DRAINAGE
- PROPOSED CATCH BASIN
- PROPOSED WELL
- PROPOSED EARTHEN BERM
- 12" CLEAN FILL W/ 8 OZ. NON-WOVEN GEOTEXTILE GSE OR US-205NW (SEE SPECS)
- EXTENT OF PAHS EXCEEDING RESIDENTIAL DIRECT EXPOSURE (0 TO 2 FEET BLS)
- EXTENT OF VANADIUM EXCEEDING RESIDENTIAL DIRECT EXPOSURE (0 TO 2 FEET BLS)
- EXTENT OF ARSENIC EXCEEDING 5.2 MG/KG (0 TO 2 FEET BLS)
- EXTENT OF TRPH EXCEEDING RESIDENTIAL DIRECT EXPOSURE (0 TO 2 FEET BLS)

*NOTES:

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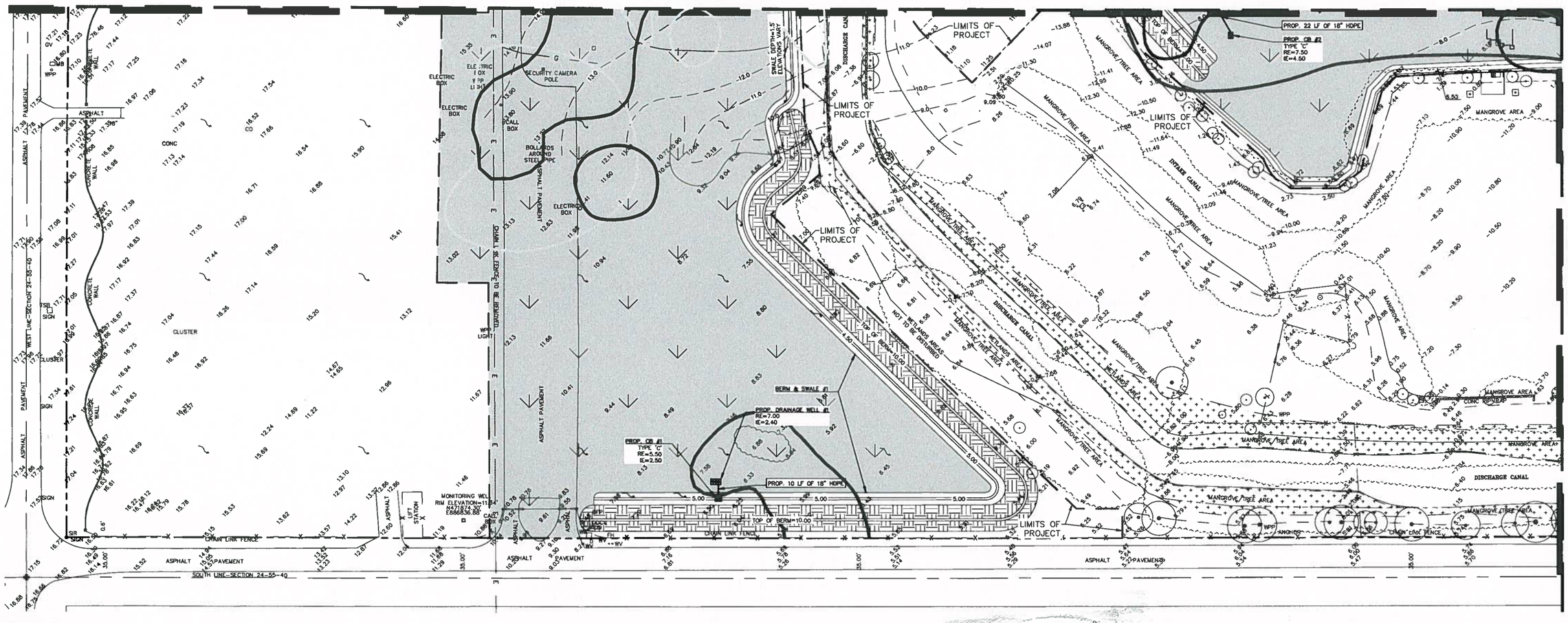
N

SCALE:1"=40'

MATCHLINE D-D



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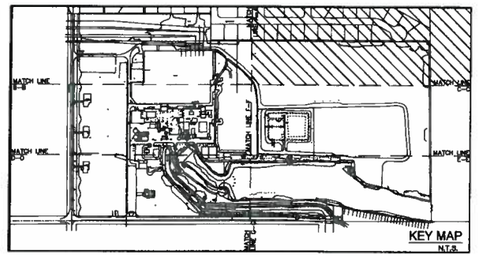
ROBERT J. ROSS, P.E.
STATE OF FLORIDA
REGISTRATION NO. 59485
DATE: 9/30/2015

GRADING PLAN (3 OF 6)

SCALE:1"=40'

SHEET No. C-5



LEGEND

- PROPERTY LINE
- EXISTING FENCE
- EXISTING CATCH BASIN
- STM — EXISTING DRAINAGE
- EXISTING WETLANDS
- RETENTION POND AREA WITH 12" CLEAN FILL W/ 8 OZ. NON-WOVEN GEOTEXTILE GSE OR US-205NW (SEE SPECS)
- 8.25 — PROPOSED GRADE
- FLOW ARROW
- PROPOSED DRAINAGE
- PROPOSED CATCH BASIN
- PROPOSED WELL
- PROPOSED EARTHEN BERM
- 12" CLEAN FILL W/ 8 OZ. NON-WOVEN GEOTEXTILE GSE OR US-205NW (SEE SPECS)
- EXTENT OF PAHS EXCEEDING RESIDENTIAL DIRECT EXPOSURE (0 TO 2 FEET BLS)
- EXTENT OF VANADIUM EXCEEDING RESIDENTIAL DIRECT EXPOSURE (0 TO 2 FEET BLS)
- EXTENT OF ARSENIC EXCEEDING 5.2 MG/KG (0 TO 2 FEET BLS)
- EXTENT OF TRPH EXCEEDING RESIDENTIAL DIRECT EXPOSURE (0 TO 2 FEET BLS)

NOTES:

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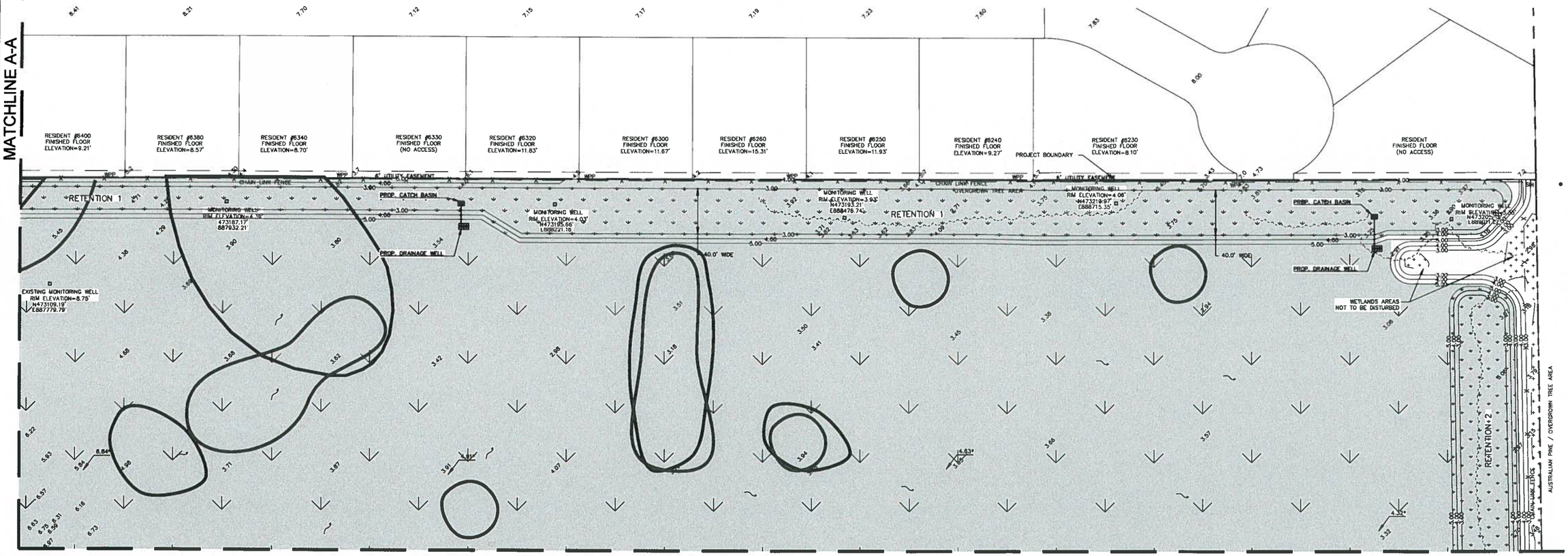
N

SCALE:1"=40'

MATCHLINE A-A



MATCHLINE C-C

DCS 9/30/2015			
DESIGNED BY DATE			
DCS 9/30/2015			
DRAWN BY DATE			
MR 9/30/2015			
CHECKED BY DATE			
RR 9/30/2015			
APPROVED BY DATE	No.	DATE	REVISIONS

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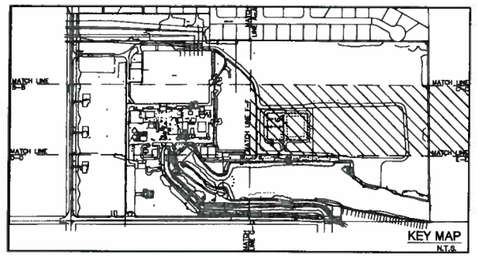
ROBERT J. ROSS, P.E.
STATE OF FLORIDA
REGISTRATION NO. 59485
DATE: 9/30/2015

GRADING PLAN (4 OF 6)

SCALE:1"=40' | SHEET No. C-6



LEGEND

	PROPERTY LINE	8.25	PROPOSED GRADE		EXTENT OF PAHS EXCEEDING RESIDENTIAL DIRECT EXPOSURE (0 TO 2 FEET BLS)
X X X	EXISTING FENCE		FLOW ARROW		
	EXISTING CATCH BASIN		PROPOSED DRAINAGE		EXTENT OF VANADIUM EXCEEDING RESIDENTIAL DIRECT EXPOSURE (0 TO 2 FEET BLS)
STM	EXISTING DRAINAGE		PROPOSED CATCH BASIN		EXTENT OF ARSENIC EXCEEDING 5.2 MG/KG (0 TO 2 FEET BLS)
	EXISTING WETLANDS		PROPOSED WELL		
	RETENTION POND AREA WITH 12" CLEAN FILL W/ 8 OZ. NON-WOVEN GEOTEXTILE GSE OR US-205NW (SEE SPECS)		PROPOSED EARTHEN BERM		EXTENT OF TRPH EXCEEDING RESIDENTIAL DIRECT EXPOSURE (0 TO 2 FEET BLS)
			12" CLEAN FILL W/ 8 OZ. NON-WOVEN GEOTEXTILE GSE OR US-205NW (SEE SPECS)		

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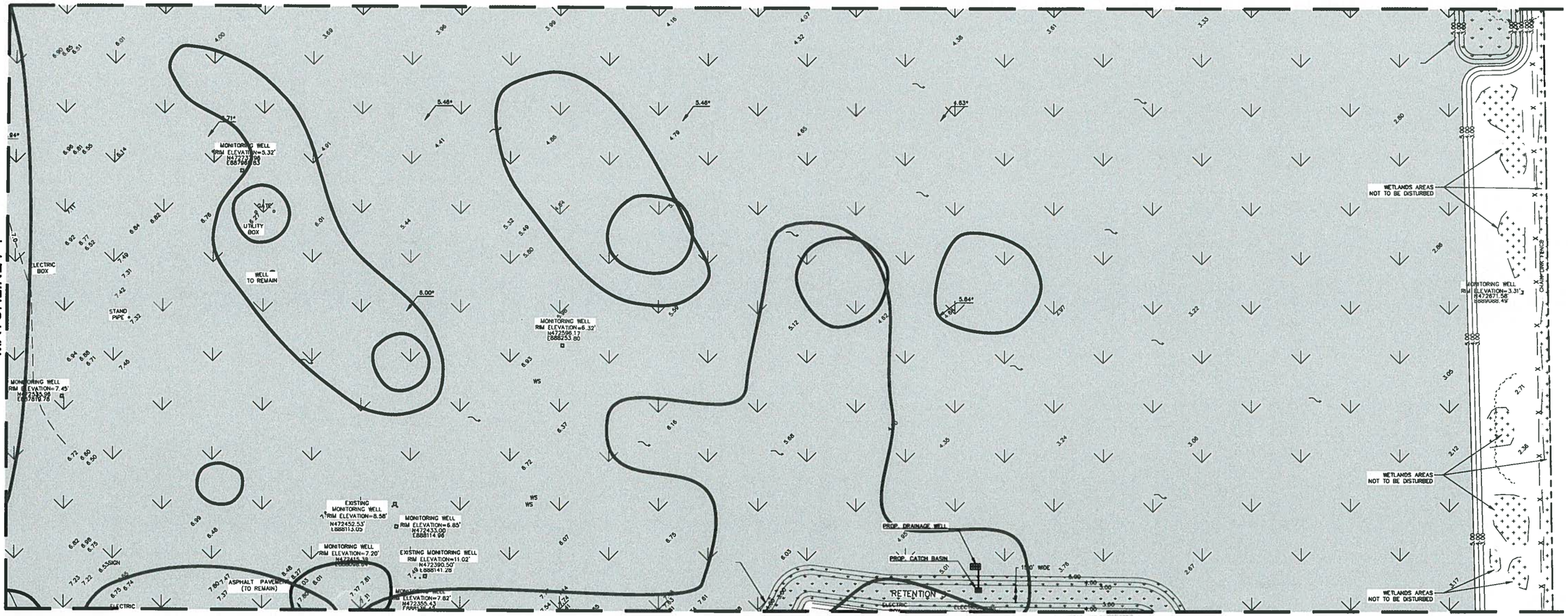
N

SCALE:1"=40'

MATCHLINE C-C



MATCHLINE E-E

DCS	9/30/2015		
DESIGNED BY	DATE		
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APPROVED BY	DATE	No.	DATE	REVISIONS

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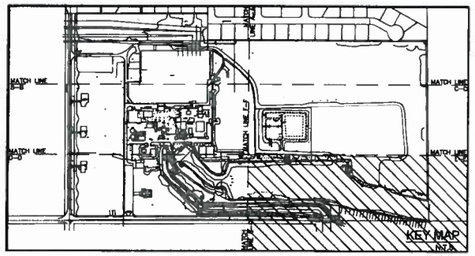
ROBERT J. ROSS, P.E.
STATE OF FLORIDA
REGISTRATION NO. 59485
DATE: 9/30/2015

GRADING PLAN (5 OF 6)

SCALE:1"=40'

SHEET No. C-7



LEGEND

- PROPERTY LINE
- EXISTING FENCE
- EXISTING CATCH BASIN
- EXISTING DRAINAGE
- EXISTING WETLANDS
- RETENTION POND AREA WITH 12" CLEAN FILL W/ 8 OZ. NON-WOVEN GEOTEXTILE GSE OR US-205NW (SEE SPECS)
- PROPOSED GRADE
- FLOW ARROW
- PROPOSED DRAINAGE
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- PROPOSED WELL
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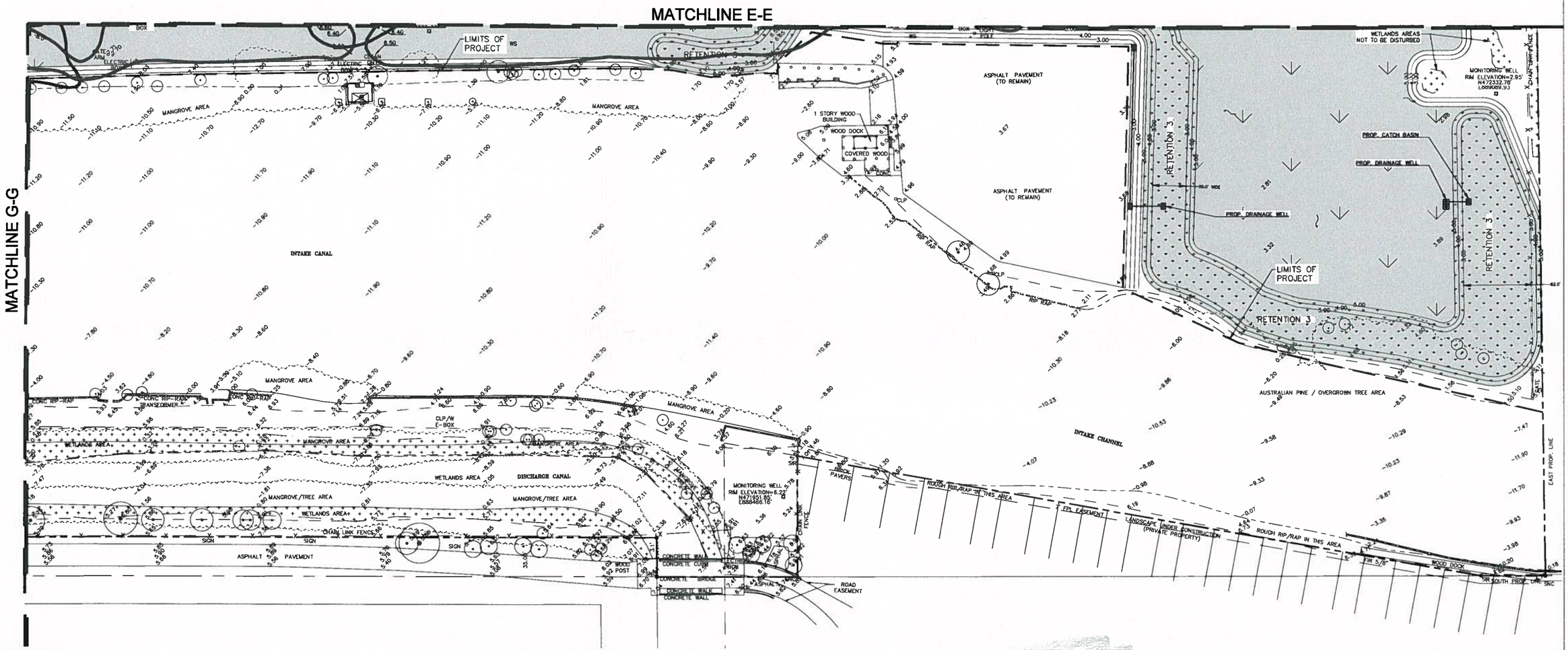
N

SCALE:1"=40'



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STATE OF FLORIDA
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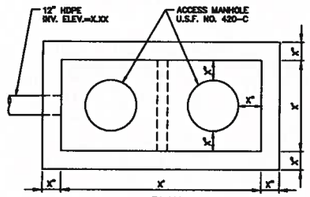
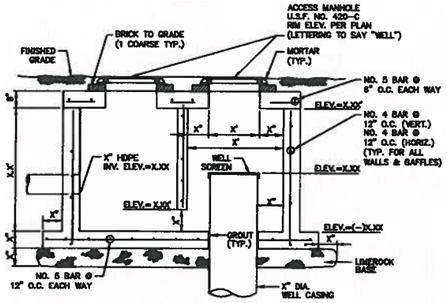
GRADING PLAN (6 OF 6)

SCALE:1"=40'

SHEET No. C-8



PLAN



ELEVATION

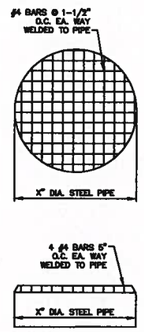
NOTES:

XXX GPM/FT HD. XX GPM MAX.

1. X'XX' STORM MANHOLE PER U.S. PRECAST COMPANY.
2. CONCRETE = 4000 PSI @ 28 DAYS
3. HOLES FOR PIPPING SHALL BE 6" LARGER THAN PIPE O.D. AND SHALL BE CAST AT TIME OF FABRICATION
4. WATER TABLE ELEVATION = X.XX' NGVD
5. PROVIDE 4 ADDITIONAL (DIAGONAL) TYPE 'D' REINFORCEMENT AROUND PIPE OPENING

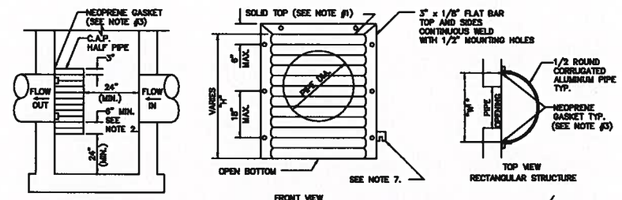
PRECAST DRAINAGE WELL
CONCRETE STRUCTURE - X'XX'

NTS



WELL SCREEN (TYPICAL)

NTS



PIPE DIA.	W (IN)	W^2 (IN)	T (GAUGE)	H (IN)
15"	21"	21"	16	VARIES
18"	24"	24"	16	VARIES
24"	30"	30"	16	VARIES
30"	30"	36"	16	VARIES
36"	36"	42"	14	VARIES
42"	42"	48"	14	VARIES
48"	48"	54"	14	VARIES
54"	54"	60"	14	VARIES
60"	60"	66"	14	VARIES

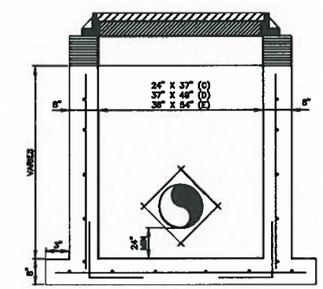
1. RECTANGULAR STRUCTURE
2. ROUND STRUCTURE

NOTES:

1. ALUMINUM SHEET OF SAME THICKNESS (GAUGE) AS PIPE SHALL BE WELDED TO CLOSE OPENING AT THE TOP.
2. THE BOTTOM ELEVATION OF THE POLLUTION RETARDANT BAFFLE MUST BE AT LEAST 2' BELOW CONTROL ELEVATION.
3. NEOPRENE ADHESIVE BACKED GASKET, OR APPROVED EQUAL (1" x 2") SHALL BE INSTALLED ON THE SIDES AND TOP OF ALL BAFFLES.
4. POLLUTION RETARDANT BAFFLE TO BE FASTENED IN PLACE WITH 3/8"x4" STAINLESS STEEL "RED HEADS", OR APPROVED EQUAL.
5. ALL EXFILTRATION TRENCHES SHALL HAVE A POLLUTION RETARDANT BAFFLE AT EACH CONNECTION POINT TO A STRUCTURE (SEE EXFILTRATION TRENCH DETAIL).
6. FIBERGLASS BAFFLES ARE NOT PERMITTED.
7. MOUNTING BRACKETS MAY BE ADDED TO FLAT BARS TO EASE INSTALLATION IN ROUND STRUCTURES. SPACING TO MATCH HOLES IN FLAT BARS.

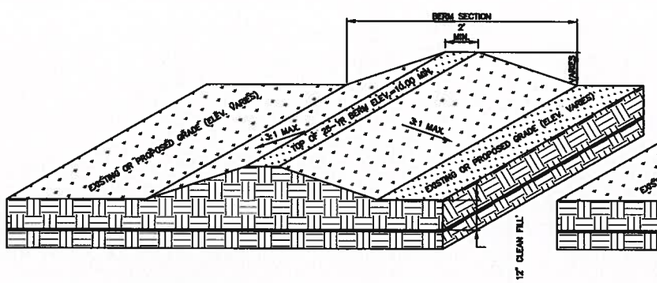
POLLUTION RETARDANT BAFFLE

NTS



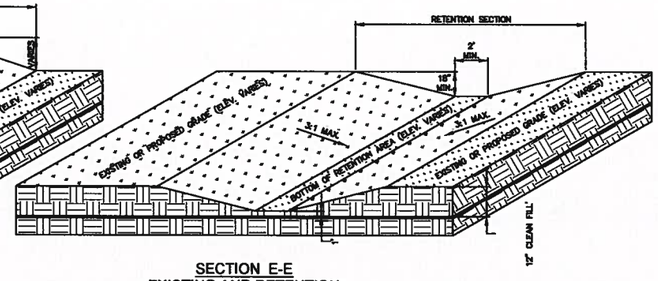
CATCH BASIN (TYPICAL)

NTS



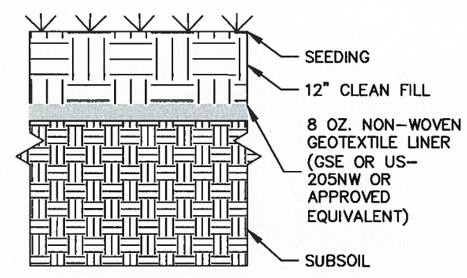
SECTION D-D
BERM & EXISTING

NTS



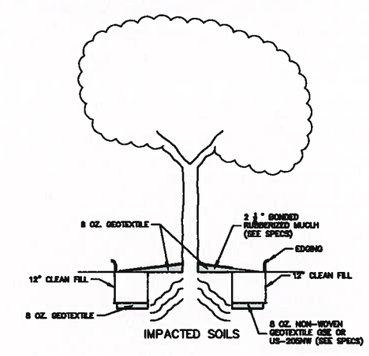
SECTION E-E
EXISTING AND RETENTION

NTS



GEOTEXTILE/SOIL COMPOSITE LAYER (TYPICAL)

NTS



TREE PROTECTION DETAIL (TYPICAL)

NTS

811 KNOW WHAT'S BELOW CALL BEFORE YOU DIG

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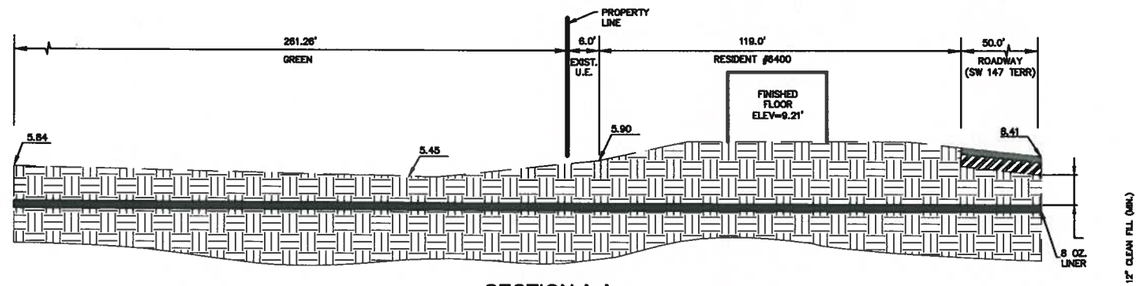
REGISTRATION NO. 59485
DATE: 9/30/2015

GRADING AND DRAINAGE DETAILS
(1 of 2)

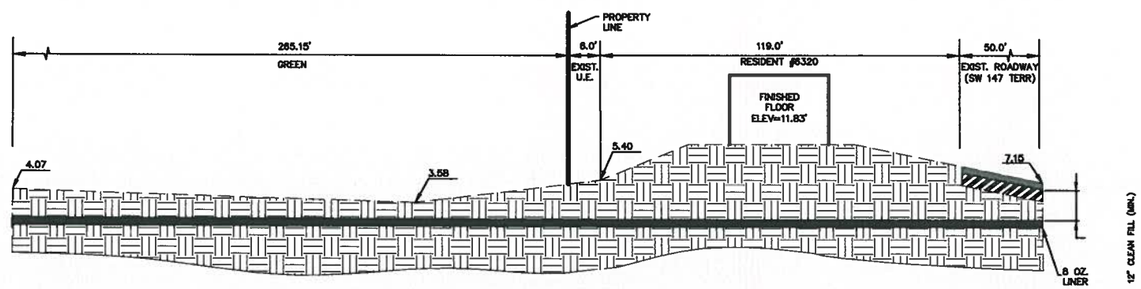
SCALE: 1"=40'

SHEET No. C-9



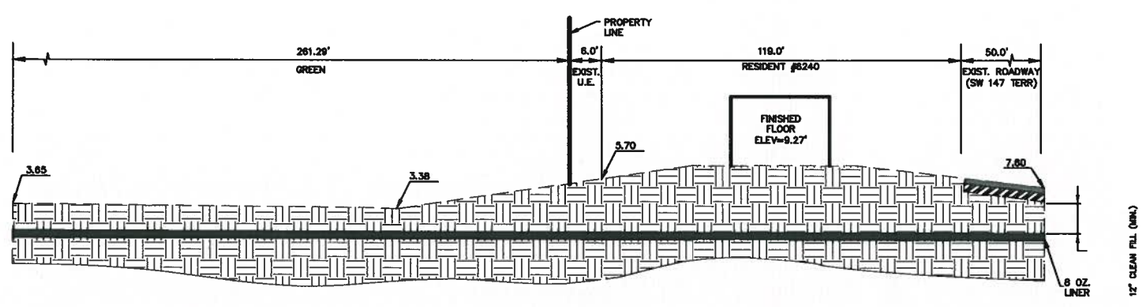
SECTION A-A

NTS



SECTION B-B

NTS



SECTION C-C

NTS

DCS 9/30/2015			
DESIGNED BY DATE			
DCS 9/30/2015			
DRAWN BY DATE			
MR 9/30/2015			
CHECKED BY DATE			
RR 9/30/2015			
APPROVED BY DATE	No.	DATE	REVISIONS

FPL

FORMER FPL CUTLER POWER PLANT PPARCEL
PALMETTO BAY, FLORIDA

RE ROSS ENGINEERING, INC.
17670 NW 78TH AVE, SUITE 214
MIAMI, FLORIDA 33015
(786)468-8304 (305)392-1019 FAX
CERTIFICATE OF AUTHORIZATION No. 9808

ROBERT J. ROSS, P.E.
STATE OF FLORIDA
REGISTRATION NO. 59465
DATE: 9/30/2015

GRADING AND DRAINAGE DETAILS
(2 of 2)

SCALE: 1"=40'

SHEET No.C-10