Memorandum MIAMI-DADE COUNTY

Date: September 4, 2013

To: Hon. Chairperson and Members
Environmental Quality Control Board

From: Lee N. Hefty, Director-Environmental Resources Management
Department of Regulatory and Economic Resources

Subject: Pre-hearing Memorandum
Oleta Partners, LLC
Hearing of: 09/12/2013

This petition comes before the Board as a request by Petitioner, Oleta Partners, LLC, for variances from the requirements of Sections 24-42(1) and 24-42(3) of the Code of Miami-Dade County, Florida (the Code). The request is to allow material that does not meet the clean fill definition provided in Section 24-5 of the Code, to be used for lake fill material at the Petitioner's site. The subject property is located in the vicinity of N.E. 151st Street and Biscayne Boulevard, North Miami, Florida (Biscayne Landing, the site).

Section 24-42(1) of the Code prohibits the discharge into the waters of the County any organic or inorganic matter which cause water pollution or which causes a nuisance or sanitary nuisance. Section 24-42(3) of the Code prohibits discharge of solid waste or any waste into the waters of the county in such quantities, or of such characteristics as to cause water pollution as defined in Section 24-5 of the Code: or cause a nuisance or sanitary nuisance as also defined in Section 24-5 of the Code.

The Petitioner, as part of redevelopment activities at the property, seeks to fill several on-site lakes. In Feburary 2013, the Petitioner requested approval from DERM to reuse approximately 300,000 cubic yards of material generated during deep soil mixing at the Brickell Citi Center construction site (the material) located at 701 South Miami Avenue, as lake fill material at the site. The material consists of a 70:30 mixture of native bedrock material and injectable grout. The request was approved on February 5, 2013. Subsequently approximately 194,000 cubic yards of the material was transported to and stockpiled at the site.

On May 31, 2013, based on additional information obtained with respect to the nature of the material, DERM rescinded the reuse approval and required the Petitioner to sample and characterize the material to evaluate it's appropriateness for lakefill reuse.

On June 12 and June 17, 2013, to assist the Petitioner, DERM sampled the stockpiles of material at the Petitioner's site. The sample results indicated that the concentrations of aluminum in the Synthetic Precipitation Leaching Procedure (SPLP) extracts of the samples (5 of 5), exceeded the ground and surface water cleanup target level pursuant to Section 24-44(2) of the Code. Additionally, subsequent laboratory data generated by DERM and other stakeholders has confirmed that the material contains concentrations of leachable aluminum above the cleanup target levels.

In supporting the request for the variance the Petitioner submits that the site has an operational groundwater remediation system located along the south and south eastern property boundary. The

active phase of the groundwater remediation system was designed to intercept and capture contaminated groundwater, resulting from historical landfill operations, is located down gradient of the lakes which are proposed to be filled with the subject material. The groundwater remediation system has been in operation since July 14, 2013. The groundwater remediation system is non-specific to a particular contaminant and as such it is capable of addressing any potential groundwater aluminum impacts. Additionally, the Petitioner has provided groundwater data from existing monitoring wells located adjacent to some of the stockpiles of the material at the subject site. The data indicates that groundwater in the vicinity of the stockpiles has not been impacted by aluminum.

Additionally, staff finds that, to ensure that the material is contained on site and does not get transported offsite, and potentially causing ground or groundwater pollution, the Petitioner has implemented a stockpile management plan. The plan includes erosion control measures, dust control measures, and setbacks from property boundaries.

Based on the foregoing, staff recommends the Board grant the requested variance for compliance with the requirements of Sections 24-42(1) and Section 24-42(3) of the Code to allow the use of the material for lakefiling at the site. Staff believes that granting the variances will not be detrimental to the public health, welfare and safety, and will not materially increase the level of pollution in this County. Accordingly, staff recommends approval of the variances subject to the following conditions:

1. Prior to the commencement of any lakefilling the Petitioner shall obtain all the required permits and approvals from all applicable state, local or federal agencies including (as applicable) but not limited to: Miami Dade County Planning and Zoning, Miami Dade County Public Works, Solid Waste Management, DERM, FDEP, etc.

2. Within 30 days of receipt of a DERM Lake Fill Resource Recovery and Management Facility Solid Waste Operating Permit a groundwater and surface water monitoring proposal specific to the potential aluminum impacts shall be submitted to the DERM's Environmental Monitoring and Restoration Division for review and approval. The submittal shall be to the attention of:

   Wilbur Mayorga, P.E., Chief
   Environmental Monitoring and Restoration Division
   DERM
   701 NW 1 Court, 4th Floor
   Miami, FL 33136

   Within 60 days of DERM's approval the groundwater and surface water monitoring plan shall be implemented and the reports submitted to DERM at the prescribed frequency.

3. The applicable portion of the groundwater remediation system encompassing the area of the site in which the lake(s) is to be filled shall be fully operational prior to the commencing of any lakefill operation utilizing the material.

4. The material shall not be used to fill any lake which is not located within the modeled capture zone of the groundwater extraction system.

Attachments: Exhibit A: DERM letter dated May 31, 2013
Exhibit B: DERM approval letter for the reuse of material
Exhibit C: MSDS for grout
Exhibit D: Laboratory Report

Department of Regulatory and Economic Resources
Environmental Resources Management
701 NW 1st Court, 4th Floor
Miami, Florida 33136-3912
T 305-372-6700 F 305-372-6982
miamidade.gov

Carlos A. Gimenez, Mayor

May 31, 2013

CERTIFIED MAIL NO: 7011 0470 0002 4386 3868
RETURN RECEIPT REQUESTED

Stephen Johnson, City Manager
City of North Miami
776 NE 125 Street - 4th Floor
North Miami, FL 33161

CERTIFIED MAIL NO: 7011 0470 0002 4386 3875
RETURN RECEIPT REQUESTED

Darryl Lee
Oleta Partners LLC,
3390 Mary Street, Suite 200
Coconut Grove, FL 33133

Re: Soil Reuse Request for Soil Generated at the Citi Center Project dated January 25, 2013 submitted by SCS ES Consultants on behalf of the Biscayne Landing (aka Munisport) facility (SW-1178/File 12838) located at, near or in the vicinity of Biscayne Boulevard and NE 151 Street, City of North Miami, Miami-Dade County, Florida.

Dear Messrs Johnson and Lee:

On February 5, 2013 and on March 11, 2013 the Environmental Resources Management Division (EMRD) of the Department of Regulatory and Economic Resources (RER) approved via email and letter, respectively a request to reuse soil, generated at the Brickell Citi Center Property located at 701 South Miami Avenue, at the Biscayne Landing development. The above referenced approval is hereby rescinded and replaced with the following.

The information provided via email on May 29, 2013 indicated that the cement grout mixture used to stabilize the material, at the Brickell Citi Center location, prior to excavation, consist of approximately 8.6% slag cement. Based on the information provided in the MSDS for the cement slag:

1. ERMD requires characterization of the Citi Center material to evaluate it's appropriateness for reuse as lakefill or cover material at the Biscayne landing site. EMRD recognizes that approximately 76,000 cubic yards of the material generated at the Brickell Citi Center location (the material) has been transported to and is currently stockpiled at Biscayne Landing as Stockpiles 1, 4, 6, 19 & 20.

   A minimum of six composite samples shall be obtained from each of the above mentioned stockpiles (for a total 30 samples). The samples shall be analyzed for total and SPLP concentrations of the arsenic, barium, lead, cadmium, chromium, iron, aluminum and magnesium.

2. As previously communicated, via telephone, no additional Brickell Citi Center material shall be accepted for reuse or stockpiling at the Biscayne Landing property until the EMRD has had an opportunity to review and render a reuse determination based on the results of the characterization testing required in Item 1 above.

A material characterization report shall be submitted to the EMRD for review within 30 days of receipt of this correspondence. The report shall include, laboratory analytical report, a description of the sampling methodology, locations of samples etc. As indicated above, the EMRD will provide a reuse determination based on the sample results.

If you have any questions concerning the above please contact Lorna Bucknor of the Environmental Monitoring and Restoration Division (bucknl@miamidade.gov) or via telephone at (305) 372-6700.

Sincerely,

Wilbur Mayorga, P.E. Chief
Environmental Monitoring and Restoration Division

pc: Lisa Smith, SCS ES Consultants
Aleem Ghany, City of North Miami (aghany@northmiamifl.gov)

MIAMI-DADE COUNTY

Carlos A. Gimenez, Mayor

Department of Regulatory and Economic Resources
Environmental Resources Management
701 NW 1st Court, 4th Floor
Miami, Florida 33136-3912
T 305-372-6700 F 305-372-6982
miamidade.gov

March 11, 2013

Stephen Johnson, City Manager
City of North Miami
776 NE 125 Street - 4th Floor
North Miami, FL 33161

CERTIFIED MAIL NO: 7011 0470 0002 4385 7942
RETURN RECEIPT REQUESTED

Darryl Lee
Oleta Partners LLC,
3390 Mary Street, Suite 200
Coconut Grove, FL 33133

CERTIFIED MAIL NO: 7011 0470 0002 4385 7959
RETURN RECEIPT REQUESTED

Re: Soil Characterization Soil Reuse Request dated January 25, 2013 submitted by SCS ES Consultants on behalf of the Biscayne Landing (aka Munisport) facility (SW-1178/File 12838) located at, near or in the vicinity of Biscayne Boulevard and NE 151 Street, City of North Miami, Miami-Dade County, Florida.

Dear Messrs Johnson and Lee:

On February 5, 2013 the Environmental Resources Management Division (EMRD) of the Department of Regulatory and Economic Resources (RER) responded via email to the referenced request which was received via email on January 25, 2013. The request was for approval to reuse soil, generated at the Brickell Citi Center Property located at 701 South Miami Avenue, at the Biscayne Landing development.

As provided in the above mentioned emailed response:

1. The EMRD has no objection to the material being used (without characterization) for lakefilling at the Biscayne landing site.

2. If the material is intended to be utilized as final cover for landfill closure activities then a representative number of characterization samples be obtained to confirm that the material is appropriate for use as final cover.

   EMRD has no objection to the proposed in situ sampling methodology. As an alternative, the material may be sampled subsequent to being transported to the Biscayne Landing site, on condition that a stockpile management plan that allows the material to be clearly identified and tracked be implemented at the Biscayne Landing location

3. If the material is transported prior to sampling and if the responsible party wishes to utilize the material as final cover, within 30 days of the material being transported to Biscayne Landing, a material characterization report shall be submitted to the EMRD for review.

If you have any questions concerning the above please contact Lorna Bucknor of the Environmental Monitoring and Restoration Division (bucknl@miamidade.gov) or via telephone at (305) 372-6700.

Sincerely,

Wilbur Mayorga, P.E. Chief
Environmental Monitoring and Restoration Division

Delivering Excellence Every Day

pc: Lisa Smith, SCS ES Consultants
Aleem Ghany, City of North Miami (aghany@northmiamifl.gov)
Lisa Spadafina, DERM

Hanson Slag Cement

MSDS Material Safety Data Sheet

OSHA 29 CFR 1910.1200

Product Names: CAMCEM™ – Ground Granulated Blast-Furnace Slag (GGBFS)
Granulated Blast-Furnace Slag (GBFS)

Section I – Identification

Manufacturer Name and Address: Hanson Slag Cement
575 Cargo Road
Cape Canaveral, FL 32920

Emergency Telephone: Chemtrec (800)424-9300
Informational Telephone: (321)783-0373
Date Prepared: July 21, 2004

Section II – Components

Component	%	CAS #	OSHA PEL TWA	ACGIH TLV TUL
Ground granulated blast-furnace slag	100	65996-69-2	15mg/m3 (total dust) 5mg/m3 (respirable dust)	10 mg/m3 (total dust) 3 mg/m3 (respirable dust)
Amorphous Silica	30-50	7631086-9	80mg/m3/%SiO2	10 mg/m3
Crystalline Silica	0-15	14808-60-7	30mg/m3/(%SiO2 +2)	0.05 mg/m3

Major ingredient is a glassy calcium silicate. Blast furnace slag is a coproduct of the iron making industry produced by adding limestone flux to iron ore to remove non-ferrous contaminants. As such, it may contain small quantities of hazardous heavy metals usually in a solution in glassy silicates.

Section III- Hazards Identification

Emergency Overview

GGBFS is a light grey/ off white or tan powder that poses little immediate hazard. GBFS is sand-sized particles. A single short-term exposure to these materials are not likely to cause serious harm. However, exposure of sufficient duration to wet materials can cause serious, potentially irreversible tissue (skin or eye) destruction in the form of chemical (caustic) burns including third degree burns. The same type of tissue destruction can occur if wet or moist areas of the body are exposed for sufficient duration to dry GGBFS.

Potential Health Effects

Inhalation: Breathing dust may cause nose, throat or lung irritation and choking. The described effect depends on the degree of exposure. Prolonged or repeated exposure may cause lung injury including

silicosis. This product may contain crystalline silica. Crystaline silica has been classified by IARC as a known human carcinogen. Some human studies indicate potential for lung cancer from crystalline silica exposure. Risk of injury depends on duration level of exposure

Eye contact (acute/chronic): May cause eye irritation burns and damage to cornea

Skin contact: May cause dry skin, redness, discomfort, irritation. Thickening of the skin (scleroderma) may be associated with exposure to high levels of crystalline silica

Ingestion: Ingestion of large amounts may cause intestinal distress. GBFS or GGBFS should not be eaten

Carcinogenic potential: NTP,OSHA or IARC has not listed GBFS or GGBFS as a carcinogen. It may contain trace amounts of substances listed as carcinogens

Section IV – First Aid Measures

Inhalation: Move person to fresh air. Seek medical attention for discomfort

Eye contact: Rinse thoughly with water. Continue flushing for at least 15 minutes including under lids to remove particles. Seek medical attention.

Skin contact: Wash with soap and water

Section V – Fire and Explosive Data

Flashpoint	None
Lower Explosive Limit	None
Upper Explosive Limit	None
Auto Ignition Temperature	Not Combustible
Extinguishing Media	Not Combustible
Firefighting Procedures	Treat adjacent material
Hazardous Combustion Products	none

Section VI – Accidental Release Measures

General: Collect dry material using a scoop. If wet, allow material to dry before disposal. Avoid inhalation of dust and contact with skin. Wear appropriate personal protective equipment as described in Section 8. Dispose of waste material according to local, state and federal regulations.

Section VII – Handling and Storage

General: Avoid accidental release. Dispose of empty containers according to local, state and federal regulations.

Section VIII – Exposure Control and Personal Protection

Respiratory Protection: Use local or general ventilation to control exposures below applicable exposure limits. Use NIOSH/MSHA-approved under 42 CFR 84 in workplaces with poor ventilation and dusty conditions

Eye Protection: Wear glasses or safety goggles to prevent contact with eyes. Wearing contact lenses when using this product under dusty conditions is not recommended

Skin protection: Wear impervious gloves, shoes and protective clothing to prevent skin contact. GBFS particles may have sharp edges associated with them.

Section IX – Physical and Chemical properties

Vapor Pressure:	Not measurable
Vapor Density:	Not applicable
Specific Gravity:	2.7-3.0
Solubility in water:	Negligible
Evaporation rate:	Not measurable
Boiling point:	> 1000 degree C
pH in water:	10.5 to 12.7

Section X – Stability and Reactivity

Product is stable

Hazardous decomposition: None

Conditions to avoid: Dissolves in hydrofluoric acid producing silicon tetrafluoride. In general wet GBFS or GGBFS is alkaline and in general is incompatible with acids.

Section XIII – Disposal

Dispose in landfill in accordance with all applicable regulations

Section XIV – Transportation

Not a hazardous material under U.S. Department of Transportation regulations

Section V – Other Regulatory Information

OSHA Hazard Communication Rule, 29 CFR 1910.1200: Some constituents identified in this product are considered by OSHA to be hazardous and should be included in the employer's hazard communication program.

CERCLA/superfund, 40 CFR 117 and section 302: not list

CERCLA/ superfund, section 311 & 312: GBFS or GGBFS qualifies as a "hazardous substance" with delayed health effects

GS4

RUSH: 1 day 2 < 3 days

SW-1178 S

MIAMI-DADE COUNTY, FLORIDA

MIAMI-DADE COUNTY

EPA # FL00025
FL CERT # E46126

Department of Regulatory and Economic Resources
Environmental Resources Management
Office of Laboratory Services
MIAMI, FLORIDA 33130-1510
(305)-375-1851

LABORATORY ANALYSIS RECORD
ENFORCEMENT

Site: Biscayne Landing
Address: 15045 Biscayne Blvd.
Sampler: D. CAMACHO & E. GONZALEZ/ EMRD
Return Analysis: L. Bucknor / DC / EG / EMRD
C.C# 992511 Permit # _____ Phone: 6700

Sample # : 293430

Date : 6/12/13 Time : 10:20

Collection Point :

Pile 19 ~~Composite~~

Observation/Known Hazards:

12 JUN '13 13:54

Clock-In Date/Inspector	Sign By Inspector	*Sign By Lab Custodian	*Laboratory ID #	*Temp.(°C) upon Rec.
	D. Camacho	A. Nag	AC02822 Ref # Iced?	7.3

Return For TCLP / SPLP?

Clock-In Date/Inspector | Date Requested _____ | *Laboratory ID # / Fridge # | *Laboratory ID # / Fridge #

*Take-Out Date/ RER Lab

*Returned-Date/ RER Lab

*Take-Out Date/ RER Lab

*Returned-Date/ RER Lab

*Take-Out Date/ RER Lab

*Sample Disposal Date

*Extracted By / Date

*Analyzed By / Date

Requirements: SDWA __ NPDES __ Other __

Matrix: H2O __ Soil/Sludge X Product __ Layer __ Sewage __ Other _____

Preservation: None __ Acid X Base __ Thermal : Iced X No Iced __

Sample Bottle Prepared Lot # : —

Picked-Up Date By Inspector: 6/12/13

Split Sample? Yes X No __ Consultant/Lab Water

RECEIVED JUL - 3 2013 DERM POLLUTION CONTROL DIVISION

Test(s) Run/Method #	Test(s) Run/Method #
8260 Full List	

12 JUN '13 14:35

Relinquished To: **Contract Lab _____

Delivered By / Date: _____

Received By / Date: 6/12/13

Extracted By / Date: JBH 6/14/13

Analyzed By / Date: JBH 6/14/13

Returned By / Date: JUL 01 2013

Comments Discrete in-situ sample.

* By RER Lab ** By Contract Lab

Pace Analytical Services, Inc.
3610 Park Central Blvd N
Pompano Beach, FL 33064
954-582-4300

ANALYTICAL RESULTS

Project: 1354-E
Pace Project No.: 3596477

Sample: AC02822 293430 Lab ID: **3596477006** Collected: 06/12/13 10:20 Received: 06/12/13 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260								
Acetone	**0.015U**	mg/kg	0.031	0.015	1		06/14/13 06:22	67-64-1	
Acetonitrile	**0.038U**	mg/kg	0.076	0.038	1		06/14/13 06:22	75-05-8	
Benzene	**0.0039U**	mg/kg	0.0076	0.0039	1		06/14/13 06:22	71-43-2	
Bromochloromethane	**0.0038U**	mg/kg	0.0076	0.0038	1		06/14/13 06:22	74-97-5	
Bromodichloromethane	**0.0038U**	mg/kg	0.0076	0.0038	1		06/14/13 06:22	75-27-4	
Bromoform	**0.0038U**	mg/kg	0.0076	0.0038	1		06/14/13 06:22	75-25-2	
Bromomethane	**0.0038U**	mg/kg	0.0076	0.0038	1		06/14/13 06:22	74-83-9	
2-Butanone (MEK)	**0.0038U**	mg/kg	0.0076	0.0038	1		06/14/13 06:22	78-93-3	
Carbon disulfide	**0.0038U**	mg/kg	0.0076	0.0038	1		06/14/13 06:22	75-15-0	
Carbon tetrachloride	**0.0038U**	mg/kg	0.0076	0.0038	1		06/14/13 06:22	56-23-5	
Chlorobenzene	**0.0038U**	mg/kg	0.0076	0.0038	1		06/14/13 06:22	108-90-7	
Chloroethane	**0.0055U**	mg/kg	0.0076	0.0055	1		06/14/13 06:22	75-00-3	
Chloroform	**0.0045U**	mg/kg	0.0076	0.0045	1		06/14/13 06:22	67-66-3	
Chloromethane	**0.0043U**	mg/kg	0.0076	0.0043	1		06/14/13 06:22	74-87-3	
1,2-Dibromo-3-chloropropane	**0.0038U**	mg/kg	0.0076	0.0038	1		06/14/13 06:22	96-12-8	
Dibromochloromethane	**0.0038U**	mg/kg	0.0076	0.0038	1		06/14/13 06:22	124-48-1	
1,2-Dibromoethane (EDB)	**0.0038U**	mg/kg	0.0076	0.0038	1		06/14/13 06:22	106-93-4	
Dibromomethane	**0.0038U**	mg/kg	0.0076	0.0038	1		06/14/13 06:22	74-95-3	
1,2-Dichlorobenzene	**0.0038U**	mg/kg	0.0076	0.0038	1		06/14/13 06:22	95-50-1	
1,4-Dichlorobenzene	**0.0038U**	mg/kg	0.0076	0.0038	1		06/14/13 06:22	106-46-7	
trans-1,4-Dichloro-2-butene	**0.0038U**	mg/kg	0.0076	0.0038	1		06/14/13 06:22	110-57-6	
1,1-Dichloroethane	**0.0042U**	mg/kg	0.0076	0.0042	1		06/14/13 06:22	75-34-3	
1,2-Dichloroethane	**0.0038U**	mg/kg	0.0076	0.0038	1		06/14/13 06:22	107-06-2	
1,2-Dichloroethene (Total)	**0.0047U**	mg/kg	0.0076	0.0047	1		06/14/13 06:22	540-59-0	
1,1-Dichloroethene	**0.0038U**	mg/kg	0.0076	0.0038	1		06/14/13 06:22	75-35-4	
cis-1,2-Dichloroethene	**0.0038U**	mg/kg	0.0076	0.0038	1		06/14/13 06:22	156-59-2	
trans-1,2-Dichloroethene	**0.0047U**	mg/kg	0.0076	0.0047	1		06/14/13 06:22	156-60-5	
1,2-Dichloropropane	**0.0038U**	mg/kg	0.0076	0.0038	1		06/14/13 06:22	78-87-5	
cis-1,3-Dichloropropene	**0.0038U**	mg/kg	0.0076	0.0038	1		06/14/13 06:22	10061-01-5	
trans-1,3-Dichloropropene	**0.0038U**	mg/kg	0.0076	0.0038	1		06/14/13 06:22	10061-02-6	
Ethylbenzene	**0.0043U**	mg/kg	0.0076	0.0043	1		06/14/13 06:22	100-41-4	
2-Hexanone	**0.0038U**	mg/kg	0.0076	0.0038	1		06/14/13 06:22	591-78-6	
Iodomethane	**0.0038U**	mg/kg	0.0076	0.0038	1		06/14/13 06:22	74-88-4	
Isopropylbenzene (Cumene)	**0.0044U**	mg/kg	0.0076	0.0044	1		06/14/13 06:22	98-82-8	
Methylene Chloride	**0.0038U**	mg/kg	0.0076	0.0038	1		06/14/13 06:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	**0.0038U**	mg/kg	0.0076	0.0038	1		06/14/13 06:22	108-10-1	
Methyl-tert-butyl ether	**0.0038U**	mg/kg	0.0076	0.0038	1		06/14/13 06:22	1634-04-4	
Styrene	**0.0038U**	mg/kg	0.0076	0.0038	1		06/14/13 06:22	100-42-5	
1,1,1,2-Tetrachloroethane	**0.0038U**	mg/kg	0.0076	0.0038	1		06/14/13 06:22	630-20-6	
1,1,2,2-Tetrachloroethane	**0.0038U**	mg/kg	0.0076	0.0038	1		06/14/13 06:22	79-34-5	
Tetrachloroethene	**0.0038U**	mg/kg	0.0076	0.0038	1		06/14/13 06:22	127-18-4	L3
Toluene	**0.0041U**	mg/kg	0.0076	0.0041	1		06/14/13 06:22	108-88-3	
1,1,1-Trichloroethane	**0.0042U**	mg/kg	0.0076	0.0042	1		06/14/13 06:22	71-55-6	
1,1,2-Trichloroethane	**0.0038U**	mg/kg	0.0076	0.0038	1		06/14/13 06:22	79-00-5	
Trichloroethene	**0.0043U**	mg/kg	0.0076	0.0043	1		06/14/13 06:22	79-01-6	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
3610 Park Central Blvd N
Pompano Beach, FL 33064
954-582-4300

ANALYTICAL RESULTS

Project: 1354-E
Pace Project No.: 3596477

Sample: AC02822 293430 Lab ID: **3596477006** Collected: 06/12/13 10:20 Received: 06/12/13 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260								
Trichlorofluoromethane	**0.0041U**	mg/kg	0.0076	0.0041	1		06/14/13 06:22	75-69-4	
1,2,3-Trichloropropane	**0.0038U**	mg/kg	0.0076	0.0038	1		06/14/13 06:22	96-18-4	
Vinyl acetate	**0.0038U**	mg/kg	0.0076	0.0038	1		06/14/13 06:22	108-05-4	
Vinyl chloride	**0.0041U**	mg/kg	0.0076	0.0041	1		06/14/13 06:22	75-01-4	
Xylene (Total)	**0.0078U**	mg/kg	0.023	0.0078	1		06/14/13 06:22	1330-20-7	
m&p-Xylene	**0.0078U**	mg/kg	0.015	0.0078	1		06/14/13 06:22	179601-23-1	
o-Xylene	**0.0039U**	mg/kg	0.0076	0.0039	1		06/14/13 06:22	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	55-148		1		06/14/13 06:22	460-00-4	
Dibromofluoromethane (S)	81	%	82-115		1		06/14/13 06:22	1868-53-7	J(S0)
1,2-Dichloroethane-d4 (S)	97	%	80-131		1		06/14/13 06:22	17060-07-0	
Toluene-d8 (S)	105	%	84-117		1		06/14/13 06:22	2037-26-5	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**24.8**	%	0.10	0.10	1		06/18/13 03:43		

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GSU

RUSH: 1 day 2 < 3 days

MIAMI-DADE COUNTY, FLORIDA

MIAMI-DADE COUNTY

EPA # FL00025
FL CERT # E46126

Department of Regulatory and Economic Resource

Environmental Resources Management
Office of Laboratory Services
MIAMI, FLORIDA 33130-1510
(305)-375-1851

LABORATORY ANALYSIS RECORD
ENFORCEMENT

Site: Biscayne Landing
Address: 15045 Biscayne Blvd.
Sampler: D. CAMACHO & E. GONZALEZ/ EMRD
Return Analysis: L. Bucknor / DC / EG / EMRD
C.C# 992511 Permit # _____ Phone: 6700'

Sample # : **293561**

Date : 6/12/13 Time : 11:14

Collection Point :
Pile -20

Observation/Known Hazards:

12 JUN '13 13:54

Clock-In Date/Inspector | Sign By Inspector | *Sign By Lab Custodian | *Laboratory ID # | *Temp.(° C) upon Rec.

AC02823 Ref # Iced? 7.3

Return For TCLP / SPLP?

Clock-In Date/Inspector | Date Requested _____ | *Laboratory ID # / Fridge # | *Laboratory ID # / Fridge #

*Take-Out Date/ RER Lab

*Returned-Date/ RER Lab

*Take-Out Date/ RER Lab

*Returned-Date/ RER Lab

*Take-Out Date/ RER Lab

*Sample Disposal Date

*Extracted By / Date

*Analyzed By / Date

Requirements: SDWA __ NPDES __ Other __

Matrix: H2O __ Soil/Sludge X __ Product __ Layer __ Sewage __ Other _____

Preservation: None X Acid __ Base __ Thermal : Iced X No Iced __

Sample Bottle Prepared Lot # : _____ Picked-Up Date By Inspector: 6/12/13

Split Sample? Yes X No __ Consultant/Lab: SES ES / Jupiter

Test(s) Run/Method #	Test(s) Run/Method #
8260 FULL LIST	

RECEIVED
JUL - 3 2013
DERM
POLLUTION CONTROL
DIVISION

12 JUN '13 14:38

Relinquished To: **Contract Lab _____

Delivered By / Date: _____

Received By / Date: _____ 6/12/13

Extracted By / Date: JBH 6/14/13

Analyzed By / Date: JBH 6/14/13

Returned By / Date: JUL 01 2013

Comments Discrete Sample.

* By RER Lab ** By Contract Lab

Pace Analytical Services, Inc.
3610 Park Central Blvd N
Pompano Beach, FL 33064
954-582-4300

ANALYTICAL RESULTS

Project: 1354-E
Pace Project No.: 3596477

Sample: AC02823 293561 Lab ID: **3596477005** Collected: 06/12/13 11:14 Received: 06/12/13 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260								
Acetone	**0.031**	mg/kg	0.029	0.014	1		06/14/13 05:55	67-64-1	V
Acetonitrile	**0.036U**	mg/kg	0.072	0.036	1		06/14/13 05:55	75-05-8	
Benzene	**0.0037U**	mg/kg	0.0072	0.0037	1		06/14/13 05:55	71-43-2	
Bromochloromethane	**0.0036U**	mg/kg	0.0072	0.0036	1		06/14/13 05:55	74-97-5	
Bromodichloromethane	**0.0036U**	mg/kg	0.0072	0.0036	1		06/14/13 05:55	75-27-4	
Bromoform	**0.0036U**	mg/kg	0.0072	0.0036	1		06/14/13 05:55	75-25-2	
Bromomethane	**0.0036U**	mg/kg	0.0072	0.0036	1		06/14/13 05:55	74-83-9	
2-Butanone (MEK)	**0.0036U**	mg/kg	0.0072	0.0036	1		06/14/13 05:55	78-93-3	
Carbon disulfide	**0.0040 I**	mg/kg	0.0072	0.0036	1		06/14/13 05:55	75-15-0	
Carbon tetrachloride	**0.0036U**	mg/kg	0.0072	0.0036	1		06/14/13 05:55	56-23-5	
Chlorobenzene	**0.0036U**	mg/kg	0.0072	0.0036	1		06/14/13 05:55	108-90-7	
Chloroethane	**0.0052U**	mg/kg	0.0072	0.0052	1		06/14/13 05:55	75-00-3	
Chloroform	**0.0043U**	mg/kg	0.0072	0.0043	1		06/14/13 05:55	67-66-3	
Chloromethane	**0.0040U**	mg/kg	0.0072	0.0040	1		06/14/13 05:55	74-87-3	
1,2-Dibromo-3-chloropropane	**0.0036U**	mg/kg	0.0072	0.0036	1		06/14/13 05:55	96-12-8	
Dibromochloromethane	**0.0036U**	mg/kg	0.0072	0.0036	1		06/14/13 05:55	124-48-1	
1,2-Dibromoethane (EDB)	**0.0036U**	mg/kg	0.0072	0.0036	1		06/14/13 05:55	106-93-4	
Dibromomethane	**0.0036U**	mg/kg	0.0072	0.0036	1		06/14/13 05:55	74-95-3	
1,2-Dichlorobenzene	**0.0036U**	mg/kg	0.0072	0.0036	1		06/14/13 05:55	95-50-1	
1,4-Dichlorobenzene	**0.0036U**	mg/kg	0.0072	0.0036	1		06/14/13 05:55	106-46-7	
trans-1,4-Dichloro-2-butene	**0.0036U**	mg/kg	0.0072	0.0036	1		06/14/13 05:55	110-57-6	
1,1-Dichloroethane	**0.0039U**	mg/kg	0.0072	0.0039	1		06/14/13 05:55	75-34-3	
1,2-Dichloroethane	**0.0036U**	mg/kg	0.0072	0.0036	1		06/14/13 05:55	107-06-2	
1,2-Dichloroethene (Total)	**0.0044U**	mg/kg	0.0072	0.0044	1		06/14/13 05:55	540-59-0	
1,1-Dichloroethene	**0.0036U**	mg/kg	0.0072	0.0036	1		06/14/13 05:55	75-35-4	
cis-1,2-Dichloroethene	**0.0036U**	mg/kg	0.0072	0.0036	1		06/14/13 05:55	156-59-2	
trans-1,2-Dichloroethene	**0.0044U**	mg/kg	0.0072	0.0044	1		06/14/13 05:55	156-60-5	
1,2-Dichloropropane	**0.0036U**	mg/kg	0.0072	0.0036	1		06/14/13 05:55	78-87-5	
cis-1,3-Dichloropropene	**0.0036U**	mg/kg	0.0072	0.0036	1		06/14/13 05:55	10061-01-5	
trans-1,3-Dichloropropene	**0.0036U**	mg/kg	0.0072	0.0036	1		06/14/13 05:55	10061-02-6	
Ethylbenzene	**0.0041U**	mg/kg	0.0072	0.0041	1		06/14/13 05:55	100-41-4	
2-Hexanone	**0.0036U**	mg/kg	0.0072	0.0036	1		06/14/13 05:55	591-78-6	
Iodomethane	**0.0036U**	mg/kg	0.0072	0.0036	1		06/14/13 05:55	74-88-4	
Isopropylbenzene (Cumene)	**0.0042U**	mg/kg	0.0072	0.0042	1		06/14/13 05:55	98-82-8	
Methylene Chloride	**0.0036U**	mg/kg	0.0072	0.0036	1		06/14/13 05:55	75-09-2	
4-Methyl-2-pentanone (MIBK)	**0.0036U**	mg/kg	0.0072	0.0036	1		06/14/13 05:55	108-10-1	
Methyl-tert-butyl ether	**0.0036U**	mg/kg	0.0072	0.0036	1		06/14/13 05:55	1634-04-4	
Styrene	**0.0036U**	mg/kg	0.0072	0.0036	1		06/14/13 05:55	100-42-5	
1,1,1,2-Tetrachloroethane	**0.0036U**	mg/kg	0.0072	0.0036	1		06/14/13 05:55	630-20-6	
1,1,2,2-Tetrachloroethane	**0.0036U**	mg/kg	0.0072	0.0036	1		06/14/13 05:55	79-34-5	
Tetrachloroethene	**0.0036U**	mg/kg	0.0072	0.0036	1		06/14/13 05:55	127-18-4	L3
Toluene	**0.0039U**	mg/kg	0.0072	0.0039	1		06/14/13 05:55	108-88-3	
1,1,1-Trichloroethane	**0.0040U**	mg/kg	0.0072	0.0040	1		06/14/13 05:55	71-55-6	
1,1,2-Trichloroethane	**0.0036U**	mg/kg	0.0072	0.0036	1		06/14/13 05:55	79-00-5	
Trichloroethene	**0.0041U**	mg/kg	0.0072	0.0041	1		06/14/13 05:55	79-01-6	

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Pace Analytical Services, Inc.
3610 Park Central Blvd N
Pompano Beach, FL 33064
954-582-4300

ANALYTICAL RESULTS

Project: 1354-E
Pace Project No.: 3596477

Sample: AC02823 293561 **Lab ID: 3596477005** Collected: 06/12/13 11:14 Received: 06/12/13 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260								
Trichlorofluoromethane	**0.0039U**	mg/kg	0.0072	0.0039	1		06/14/13 05:55	75-69-4	
1,2,3-Trichloropropane	**0.0036U**	mg/kg	0.0072	0.0036	1		06/14/13 05:55	96-18-4	
Vinyl acetate	**0.0036U**	mg/kg	0.0072	0.0036	1		06/14/13 05:55	108-05-4	
Vinyl chloride	**0.0039U**	mg/kg	0.0072	0.0039	1		06/14/13 05:55	75-01-4	
Xylene (Total)	**0.0074U**	mg/kg	0.022	0.0074	1		06/14/13 05:55	1330-20-7	
m&p-Xylene	**0.0074U**	mg/kg	0.014	0.0074	1		06/14/13 05:55	179601-23-1	
o-Xylene	**0.0037U**	mg/kg	0.0072	0.0037	1		06/14/13 05:55	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	55-148		1		06/14/13 05:55	460-00-4	
Dibromofluoromethane (S)	82	%	82-115		1		06/14/13 05:55	1868-53-7	
1,2-Dichloroethane-d4 (S)	96	%	80-131		1		06/14/13 05:55	17060-07-0	
Toluene-d8 (S)	104	%	84-117		1		06/14/13 05:55	2037-26-5	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**28.1**	%	0.10	0.10	1		06/18/13 03:42		

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RUSH: 1 day 2 < 3 days

MIAMI-DADE COUNTY, FLORIDA

EPA # FL00025
FL CERT # E46126

Department of Regulatory and Economic Resources

Environmental Resources Management
Office of Laboratory Services
MIAMI, FLORIDA 33130-1510
(305)-375-1851

LABORATORY ANALYSIS RECORD
ENFORCEMENT

Site: Biscayne Landing
Address: 15045 Biscayne Blvd.
Sampler: D. CAMACHO & E. GONZALEZ/ EMRD
Return Analysis: L. Bucknor / DC / EG / EMRD
C.C# 992511 Permit # _____ Phone: 6700

Sample # : **293560**

Date : 6/12/13 Time : 11:14

Collection Point : Pile -20 Composite

Observation/Known Hazards:

12 JUN '13 13:54

Clock-In Date/Inspector

Sign By Inspector

*Sign By Lab Custodian

AC02819
Ref # Iced? ✓ N

*Laboratory ID #

7.3
*Temp.(° C) upon Rec.

Return For TCLP / SPLP?

Clock-In Date/Inspector

Date Requested _____

*Laboratory ID # / Fridge #

*Laboratory ID # / Fridge #

*Take-Out Date/ RER Lab

*Returned-Date/ RER Lab

*Take-Out Date/ RER Lab

*Returned-Date/ RER Lab

*Take-Out Date/ RER Lab

*Sample Disposal Date

*Extracted By / Date

*Analyzed By / Date

Requirements: SDWA __ NPDES __ Other __

Matrix: H2O __ Soil/Sludge X Product __ Layer __ Sewage __ Other _____

Preservation: None X Acid __ Base __ Thermal : Iced X No Iced __

Sample Bottle Prepared Lot # : _____

Picked-Up Date By Inspector: 6/12/13

Split Sample? Yes X No __ Consultant/Lab: SCS/ES / Jupiter

Test(s) Run/Method #	Test(s) Run/Method #
8 RCRA Metals and Al,	TCLP

RECEIVED
JUL - 3 2013
DERM
POLLUTION CONTROL DIVISION

Relinquished To: **Contract Lab

Delivered By / Date:

Received By / Date: 6/12/13

Extracted By / Date: JTS/DRS 6/18 & 6/15

Analyzed By / Date: JTS/DRS 6/18 & 6/15

Returned By / Date: JUL 01 2013

Comments 6 point composite

* By RER Lab ** By Contract Lab

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
3610 Park Central Blvd N
Pompano Beach, FL 33064
954-582-4300

ANALYTICAL RESULTS

Project: 1354-E
Pace Project No.: 3596477

Sample: AC02819 293560 **Lab ID: 3596477004** Collected: 06/12/13 11:14 Received: 06/12/13 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Aluminum	**7460**	mg/kg	6.2	3.1	1	06/18/13 04:30	06/18/13 10:13	7429-90-5	J(M1)
Arsenic	**2.2**	mg/kg	0.62	0.31	1	06/18/13 04:30	06/18/13 10:13	7440-38-2	
Barium	**66.6**	mg/kg	0.62	0.31	1	06/18/13 04:30	06/18/13 10:13	7440-39-3	
Cadmium	**0.074**	mg/kg	0.062	0.031	1	06/18/13 04:30	06/18/13 10:13	7440-43-9	
Chromium	**4.8**	mg/kg	0.31	0.15	1	06/18/13 04:30	06/18/13 10:13	7440-47-3	
Iron	**1440**	mg/kg	2.5	1.2	1	06/18/13 04:30	06/18/13 10:13	7439-89-6	J(M1)
Lead	**6.0**	mg/kg	0.62	0.31	1	06/18/13 04:30	06/18/13 10:13	7439-92-1	
Magnesium	**3300**	mg/kg	30.9	15.4	1	06/18/13 04:30	06/18/13 10:13	7439-95-4	
Manganese	**199**	mg/kg	0.31	0.15	1	06/18/13 04:30	06/18/13 10:13	7439-96-5	J(M1)
Selenium	**0.46U**	mg/kg	0.93	0.46	1	06/18/13 04:30	06/18/13 10:13	7782-49-2	J(M1)
Silver	**0.15U**	mg/kg	0.31	0.15	1	06/18/13 04:30	06/18/13 10:13	7440-22-4	
6010 MET ICP, SPLP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
	Leachate Method/Date: EPA 1312; 06/13/13 16:55								
Aluminum	**7.2**	mg/L	0.10	0.050	1	06/15/13 07:30	06/15/13 12:54	7429-90-5	
Arsenic	**0.0050U**	mg/L	0.010	0.0050	1	06/15/13 07:30	06/15/13 12:54	7440-38-2	
Barium	**0.087**	mg/L	0.010	0.0050	1	06/15/13 07:30	06/15/13 12:54	7440-39-3	
Cadmium	**0.00050U**	mg/L	0.0010	0.00050	1	06/15/13 07:30	06/15/13 12:54	7440-43-9	
Chromium	**0.0025U**	mg/L	0.0050	0.0025	1	06/15/13 07:30	06/15/13 12:54	7440-47-3	
Copper	**0.0044 I**	mg/L	0.0050	0.0025	1	06/15/13 07:30	06/15/13 12:54	7440-50-8	
Iron	**0.020U**	mg/L	0.040	0.020	1	06/15/13 07:30	06/15/13 12:54	7439-89-6	
Lead	**0.0050U**	mg/L	0.010	0.0050	1	06/15/13 07:30	06/15/13 12:54	7439-92-1	
Manganese	**0.0025U**	mg/L	0.0050	0.0025	1	06/15/13 07:30	06/15/13 12:54	7439-96-5	
Selenium	**0.0075U**	mg/L	0.015	0.0075	1	06/15/13 07:30	06/15/13 12:54	7782-49-2	
Silver	**0.0025U**	mg/L	0.0050	0.0025	1	06/15/13 07:30	06/15/13 12:54	7440-22-4	
7470 Mercury, SPLP	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
	Leachate Method/Date: EPA 1312; 06/13/13 16:55								
Mercury	**0.00010U**	mg/L	0.00020	0.00010	1	06/15/13 11:23	06/17/13 12:23	7439-97-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	**0.012**	mg/kg	0.010	0.0051	1	06/17/13 10:00	06/17/13 13:10	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**20.5**	%	0.10	0.10	1		06/18/13 03:42		

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RUSH: 1 day X < 3 days

MIAMI-DADE COUNTY, FLORIDA

MIAMI-DADE COUNTY

EPA # FL00025
FL CERT # E46126

Department of Regulatory and Economic Resources

Environmental Resources Management
Office of Laboratory Services
MIAMI, FLORIDA 33130-1510
(305)-375-1851

LABORATORY ANALYSIS RECORD
ENFORCEMENT

Site: Biscayne Landing
Address: 15045 Biscayne Blvd.
Sampler: D. CAMACHO & E. GONZALEZ/ EMRD
Return Analysis: L. Bucknor / DC / EG / EMRD
C.C# 992511 Permit # _____ Phone: 6700

Sample # : **293428**

Date : 6/12/13 Time : 10:26

Collection Point :

Pile 19 Composite

Observation/Known Hazards:

12 JUN '13 13:54

Clock-In Date/Inspector | Sign By Inspector | *Sign By Lab Custodian | *Laboratory ID # | *Temp.(° C) upon Rec.

AC02818 (Ref #) | Iced? Y N | 7.3

Return For TCLP / SPLP?

Clock-In Date/Inspector | Date Requested _____ | *Laboratory ID # / Fridge # | *Laboratory ID # / Fridge #

*Take-Out Date/ RER Lab

*Returned-Date/ RER Lab

*Take-Out Date/ RER Lab

*Returned-Date/ RER Lab

*Take-Out Date/ RER Lab

*Sample Disposal Date

*Extracted By / Date

*Analyzed By / Date

Requirements: SDWA __ NPDES __ Other __

Matrix: H2O __ Soil/Sludge X Product __ Layer __ Sewage __ Other _____

Preservation: None X Acid __ Base __ Thermal : Iced X No Iced __

Sample Bottle Prepared Lot # : —

Picked-Up Date By Inspector: 6/12/13

Split Sample? Yes X No __ Consultant/Lab: SCS / Jupiter

Test(s) Run/Method #	Test(s) Run/Method #
8 RCRA Metals, Al, Fe, Mn and SPLP	

RECEIVED
JUL - 3 2013
DERM
POLLUTION CONTROL DIVISION

Relinquished To: **Contract Lab _____

Delivered By / Date: _____

Received By / Date: 6/12/13

Extracted By / Date: STJ/DRJ 6/18 & 6/15

Analyzed By / Date: STJ/DRJ 6/18 & 6/15

Returned By / Date: JUL 01 2013

Comments 6 point composite

* By RER Lab ** By Contract Lab

Pace Analytical Services, Inc.
3610 Park Central Blvd N
Pompano Beach, FL 33064
954-582-4300

ANALYTICAL RESULTS

Project: 1354-E
Pace Project No.: 3596477

Sample: AC02818 293428 **Lab ID: 3596477003** Collected: 06/12/13 10:26 Received: 06/12/13 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Aluminum	**6620**	mg/kg	6.6	3.3	1	06/18/13 04:30	06/18/13 10:09	7429-90-5	
Arsenic	**2.1**	mg/kg	0.66	0.33	1	06/18/13 04:30	06/18/13 10:09	7440-38-2	
Barium	**62.0**	mg/kg	0.66	0.33	1	06/18/13 04:30	06/18/13 10:09	7440-39-3	
Cadmium	**0.062 I**	mg/kg	0.066	0.033	1	06/18/13 04:30	06/18/13 10:09	7440-43-9	
Chromium	**5.1**	mg/kg	0.33	0.16	1	06/18/13 04:30	06/18/13 10:09	7440-47-3	
Iron	**1420**	mg/kg	2.6	1.3	1	06/18/13 04:30	06/18/13 10:09	7439-89-6	
Lead	**5.3**	mg/kg	0.66	0.33	1	06/18/13 04:30	06/18/13 10:09	7439-92-1	
Magnesium	**2980**	mg/kg	32.8	16.4	1	06/18/13 04:30	06/18/13 10:09	7439-95-4	
Manganese	**174**	mg/kg	0.33	0.16	1	06/18/13 04:30	06/18/13 10:09	7439-96-5	
Selenium	**0.49U**	mg/kg	0.98	0.49	1	06/18/13 04:30	06/18/13 10:09	7782-49-2	
Silver	**0.16U**	mg/kg	0.33	0.16	1	06/18/13 04:30	06/18/13 10:09	7440-22-4	
6010 MET ICP, SPLP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
	Leachate Method/Date: EPA 1312; 06/13/13 16:55								
Aluminum	**7.0**	mg/L	0.10	0.050	1	06/15/13 07:30	06/15/13 12:50	7429-90-5	
Arsenic	**0.0050U**	mg/L	0.010	0.0050	1	06/15/13 07:30	06/15/13 12:50	7440-38-2	
Barium	**0.11**	mg/L	0.010	0.0050	1	06/15/13 07:30	06/15/13 12:50	7440-39-3	
Cadmium	**0.00050U**	mg/L	0.0010	0.00050	1	06/15/13 07:30	06/15/13 12:50	7440-43-9	
Chromium	**0.0025U**	mg/L	0.0050	0.0025	1	06/15/13 07:30	06/15/13 12:50	7440-47-3	
Copper	**0.0065**	mg/L	0.0050	0.0025	1	06/15/13 07:30	06/15/13 12:50	7440-50-8	
Iron	**0.020U**	mg/L	0.040	0.020	1	06/15/13 07:30	06/15/13 12:50	7439-89-6	
Lead	**0.0050U**	mg/L	0.010	0.0050	1	06/15/13 07:30	06/15/13 12:50	7439-92-1	
Magnesium	**0.25U**	mg/L	0.50	0.25	1	06/15/13 07:30	06/15/13 12:50	7439-95-4	
Manganese	**0.0025U**	mg/L	0.0050	0.0025	1	06/15/13 07:30	06/15/13 12:50	7439-96-5	
Selenium	**0.0075U**	mg/L	0.015	0.0075	1	06/15/13 07:30	06/15/13 12:50	7782-49-2	
Silver	**0.0025U**	mg/L	0.0050	0.0025	1	06/15/13 07:30	06/15/13 12:50	7440-22-4	
7470 Mercury, SPLP	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
	Leachate Method/Date: EPA 1312; 06/13/13 16:55								
Mercury	**0.00010U**	mg/L	0.00020	0.00010	1	06/15/13 11:23	06/17/13 12:14	7439-97-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	**0.0090 I**	mg/kg	0.011	0.0053	1	06/17/13 10:00	06/17/13 13:08	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**23.7**	%	0.10	0.10	1		06/18/13 03:41		

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RUSH: 1 day 2 < 3 days

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MIAMI-DADE COUNTY, FLORIDA

MIAMI-DADE COUNTY

EPA # FL00025
FL CERT # E46126

Department of Regulatory and Economic Resources

Environmental Resources Management
Office of Laboratory Services
MIAMI, FLORIDA 33130-1510
(305)-375-1851

LABORATORY ANALYSIS RECORD
ENFORCEMENT

Site: Biscayne Landing
Address: 15045 Biscayne Blvd.
Sampler: D. CAMACHO & E. GONZALEZ/ EMRD
Return Analysis: L. Bucknor / DC / EG / EMRD
C.C# 992511 Permit # _____ Phone: 6700

Sample # : **293559**

Date : 6/12/13 Time : 11:12

Collection Point :

Pile - 20 Composite

Observation/Known Hazards:

12 JUN '13 13:54

Clock-In Date/Inspector

Sign By Inspector

*Sign By Lab Custodian

AC02821

Ref # Iced?

*Laboratory ID #

7.3

*Temp.(° C) upon Rec.

Return For TCLP / SPLP?

Clock-In Date/Inspector

Date Requested _____

*Laboratory ID # / Fridge #

*Laboratory ID # / Fridge #

*Take-Out Date/ RER Lab

*Returned-Date/ RER Lab

*Take-Out Date/ RER Lab

*Returned-Date/ RER Lab

*Take-Out Date/ RER Lab

*Sample Disposal Date

*Extracted By / Date

*Analyzed By / Date

Requirements: SDWA __ NPDES __ Other __

Matrix: H2O __ Soil/Sludge X Product __ Layer __ Sewage __ Other _____

Preservation: None X Acid __ Base __ Thermal : Iced X No Iced __

Sample Bottle Prepared Lot # : _____

Picked-Up Date By Inspector: 6/12/13

Split Sample? Yes X No __ Consultant/Lab: SCS ES / Jupiter Lab

Test(s) Run/Method #	Test(s) Run/Method #
TRPH and 8270 FULL List (FL-PRO)	

RECEIVED
JUL - 3 2013
DERM
POLLUTION CONTROL DIVISION

Relinquished To: ** Contract Lab _____

Delivered By / Date: _____

Received By / Date: 6/12/13

Extracted By / Date: IRL/TWB 6/12 6/15

Analyzed By / Date: IRL/TWB 6/13/6/18

Returned By / Date: JUL 01 2013

Comments 6 point composite

* By RER Lab ** By Contract Lab

Pace Analytical Services, Inc.
3610 Park Central Blvd N
Pompano Beach, FL 33064
954-582-4300

ANALYTICAL RESULTS

Project: 1354-E
Pace Project No.: 3596477

Sample: AC02821 293559 Lab ID: 3596477002 Collected: 06/12/13 11:12 Received: 06/12/13 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
FL-PRO Soil Microwave	Analytical Method: FL-PRO Preparation Method: EPA 3546								
Petroleum Range Organics	**3.5U**	mg/kg	5.5	3.5	1	06/12/13 23:30	06/13/13 12:30		
Surrogates									
o-Terphenyl (S)	74	%	62-109		1	06/12/13 23:30	06/13/13 12:30	84-15-1	
N-Pentatriacontane (S)	79	%	42-159		1	06/12/13 23:30	06/13/13 12:30	630-07-09	
8270 MSSV Full List Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	**0.034U**	mg/kg	0.091	0.034	1	06/15/13 02:30	05/18/13 23:57	83-32-9	
Acenaphthylene	**0.029U**	mg/kg	0.091	0.029	1	06/15/13 02:30	05/18/13 23:57	208-96-8	
Aniline	**0.083U**	mg/kg	0.47	0.083	1	06/15/13 02:30	05/18/13 23:57	62-53-3	
Anthracene	**0.028U**	mg/kg	0.091	0.028	1	06/15/13 02:30	05/18/13 23:57	120-12-7	
Benzo(a)anthracene	**0.027U**	mg/kg	0.091	0.027	1	06/15/13 02:30	05/18/13 23:57	56-55-3	
Benzo(a)pyrene	**0.011U**	mg/kg	0.091	0.011	1	06/15/13 02:30	05/18/13 23:57	50-32-8	
Benzo(b)fluoranthene	**0.069U**	mg/kg	0.091	0.069	1	06/15/13 02:30	05/18/13 23:57	205-99-2	
Benzo(g,h,i)perylene	**0.033U**	mg/kg	0.091	0.033	1	06/15/13 02:30	05/18/13 23:57	191-24-2	
Benzo(k)fluoranthene	**0.020U**	mg/kg	0.091	0.020	1	06/15/13 02:30	05/18/13 23:57	207-08-9	
Benzoic Acid	**0.050U**	mg/kg	0.47	0.050	1	06/15/13 02:30	05/18/13 23:57	65-85-0	
Benzyl alcohol	**0.083U**	mg/kg	0.47	0.083	1	06/15/13 02:30	05/18/13 23:57	100-51-6	
4-Bromophenylphenyl ether	**0.054U**	mg/kg	0.47	0.054	1	06/15/13 02:30	05/18/13 23:57	101-55-3	
Butylbenzylphthalate	**0.053U**	mg/kg	0.47	0.053	1	06/15/13 02:30	05/18/13 23:57	85-68-7	
4-Chloro-3-methylphenol	**0.057U**	mg/kg	1.9	0.057	1	06/15/13 02:30	05/18/13 23:57	59-50-7	
4-Chloroaniline	**0.077U**	mg/kg	0.47	0.077	1	06/15/13 02:30	05/18/13 23:57	106-47-8	
bis(2-Chloroethoxy)methane	**0.076U**	mg/kg	0.47	0.076	1	06/15/13 02:30	05/18/13 23:57	111-91-1	
bis(2-Chloroethyl) ether	**0.072U**	mg/kg	0.47	0.072	1	06/15/13 02:30	05/18/13 23:57	111-44-4	
bis(2-Chloroisopropyl) ether	**0.074U**	mg/kg	0.47	0.074	1	06/15/13 02:30	05/18/13 23:57	108-60-1	
2-Chloronaphthalene	**0.084U**	mg/kg	0.47	0.084	1	06/15/13 02:30	05/18/13 23:57	91-58-7	
2-Chlorophenol	**0.070U**	mg/kg	0.47	0.070	1	06/15/13 02:30	05/18/13 23:57	95-57-8	
4-Chlorophenylphenyl ether	**0.059U**	mg/kg	0.47	0.059	1	06/15/13 02:30	05/18/13 23:57	7005-72-3	
Chrysene	**0.033U**	mg/kg	0.091	0.033	1	06/15/13 02:30	05/18/13 23:57	218-01-9	
Dibenz(a,h)anthracene	**0.026U**	mg/kg	0.091	0.026	1	06/15/13 02:30	05/18/13 23:57	53-70-3	
Dibenzofuran	**0.065U**	mg/kg	0.47	0.065	1	06/15/13 02:30	05/18/13 23:57	132-64-9	
1,2-Dichlorobenzene	**0.070U**	mg/kg	0.47	0.070	1	06/15/13 02:30	05/18/13 23:57	95-50-1	
1,3-Dichlorobenzene	**0.066U**	mg/kg	0.47	0.066	1	06/15/13 02:30	05/18/13 23:57	541-73-1	
1,4-Dichlorobenzene	**0.068U**	mg/kg	0.47	0.068	1	06/15/13 02:30	05/18/13 23:57	106-46-7	
3,3'-Dichlorobenzidine	**0.049U**	mg/kg	1.9	0.049	1	06/15/13 02:30	05/18/13 23:57	91-94-1	
2,4-Dichlorophenol	**0.064U**	mg/kg	0.47	0.064	1	06/15/13 02:30	05/18/13 23:57	120-83-2	
Diethylphthalate	**0.065U**	mg/kg	0.47	0.065	1	06/15/13 02:30	05/18/13 23:57	84-66-2	
2,4-Dimethylphenol	**0.085U**	mg/kg	0.47	0.085	1	06/15/13 02:30	05/18/13 23:57	105-67-9	
Dimethylphthalate	**0.050U**	mg/kg	0.47	0.050	1	06/15/13 02:30	05/18/13 23:57	131-11-3	
Di-n-butylphthalate	**0.060U**	mg/kg	0.47	0.060	1	06/15/13 02:30	05/18/13 23:57	84-74-2	
4,6-Dinitro-2-methylphenol	**0.052U**	mg/kg	1.9	0.052	1	06/15/13 02:30	05/18/13 23:57	534-52-1	
2,4-Dinitrophenol	**0.14U**	mg/kg	1.9	0.14	1	06/15/13 02:30	05/18/13 23:57	51-28-5	
2,4-Dinitrotoluene	**0.057U**	mg/kg	0.47	0.057	1	06/15/13 02:30	05/18/13 23:57	121-14-2	
2,6-Dinitrotoluene	**0.047U**	mg/kg	0.47	0.047	1	06/15/13 02:30	05/18/13 23:57	606-20-2	
Di-n-octylphthalate	**0.048U**	mg/kg	0.47	0.048	1	06/15/13 02:30	05/18/13 23:57	117-84-0	
1,2-Diphenylhydrazine	**0.049U**	mg/kg	0.47	0.049	1	06/15/13 02:30	05/18/13 23:57	122-66-7	

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Pace Analytical Services, Inc.
3610 Park Central Blvd N
Pompano Beach, FL 33064
954-582-4300

ANALYTICAL RESULTS

Project: 1354-E
Pace Project No.: 3596477

Sample: AC02821 293559 **Lab ID: 3596477002** Collected: 06/12/13 11:12 Received: 06/12/13 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
bis(2-Ethylhexyl)phthalate	**0.069U**	mg/kg	0.47	0.069	1	06/15/13 02:30	05/18/13 23:57	117-81-7	
Fluoranthene	**0.030U**	mg/kg	0.091	0.030	1	06/15/13 02:30	05/18/13 23:57	206-44-0	
Fluorene	**0.041U**	mg/kg	0.091	0.041	1	06/15/13 02:30	05/18/13 23:57	86-73-7	
Hexachloro-1,3-butadiene	**0.067U**	mg/kg	0.47	0.067	1	06/15/13 02:30	05/18/13 23:57	87-68-3	
Hexachlorobenzene	**0.053U**	mg/kg	0.47	0.053	1	06/15/13 02:30	05/18/13 23:57	118-74-1	
Hexachlorocyclopentadiene	**0.11U**	mg/kg	1.9	0.11	1	06/15/13 02:30	05/18/13 23:57	77-47-4	
Hexachloroethane	**0.086U**	mg/kg	0.47	0.086	1	06/15/13 02:30	05/18/13 23:57	67-72-1	
Indeno(1,2,3-cd)pyrene	**0.036U**	mg/kg	0.091	0.036	1	06/15/13 02:30	05/18/13 23:57	193-39-5	
Isophorone	**0.070U**	mg/kg	0.47	0.070	1	06/15/13 02:30	05/18/13 23:57	78-59-1	
1-Methylnaphthalene	**0.032U**	mg/kg	0.091	0.032	1	06/15/13 02:30	05/18/13 23:57	90-12-0	
2-Methylnaphthalene	**0.037U**	mg/kg	0.091	0.037	1	06/15/13 02:30	05/18/13 23:57	91-57-6	
2-Methylphenol(o-Cresol)	**0.069U**	mg/kg	0.47	0.069	1	06/15/13 02:30	05/18/13 23:57	95-48-7	
3&4-Methylphenol(m&p Cresol)	**0.14U**	mg/kg	0.47	0.14	1	06/15/13 02:30	05/18/13 23:57		
Naphthalene	**0.030U**	mg/kg	0.091	0.030	1	06/15/13 02:30	05/18/13 23:57	91-20-3	
2-Nitroaniline	**0.12U**	mg/kg	0.47	0.12	1	06/15/13 02:30	05/18/13 23:57	88-74-4	
3-Nitroaniline	**0.051U**	mg/kg	0.47	0.051	1	06/15/13 02:30	05/18/13 23:57	99-09-2	
4-Nitroaniline	**0.081U**	mg/kg	0.47	0.081	1	06/15/13 02:30	05/18/13 23:57	100-01-6	
Nitrobenzene	**0.074U**	mg/kg	0.47	0.074	1	06/15/13 02:30	05/18/13 23:57	98-95-3	
2-Nitrophenol	**0.076U**	mg/kg	0.47	0.076	1	06/15/13 02:30	05/18/13 23:57	88-75-5	
4-Nitrophenol	**0.070U**	mg/kg	0.47	0.070	1	06/15/13 02:30	05/18/13 23:57	100-02-7	
N-Nitrosodimethylamine	**0.070U**	mg/kg	0.47	0.070	1	06/15/13 02:30	05/18/13 23:57	62-75-9	
N-Nitroso-di-n-propylamine	**0.067U**	mg/kg	0.47	0.067	1	06/15/13 02:30	05/18/13 23:57	621-64-7	
N-Nitrosodiphenylamine	**0.057U**	mg/kg	0.47	0.057	1	06/15/13 02:30	05/18/13 23:57	86-30-6	
Pentachlorophenol	**0.060U**	mg/kg	1.9	0.060	1	06/15/13 02:30	05/18/13 23:57	87-86-5	
Phenanthrene	**0.035U**	mg/kg	0.091	0.035	1	06/15/13 02:30	05/18/13 23:57	85-01-8	
Phenol	**0.087U**	mg/kg	0.47	0.087	1	06/15/13 02:30	05/18/13 23:57	108-95-2	
Pyrene	**0.029U**	mg/kg	0.091	0.029	1	06/15/13 02:30	05/18/13 23:57	129-00-0	
1,2,4-Trichlorobenzene	**0.079U**	mg/kg	0.47	0.079	1	06/15/13 02:30	05/18/13 23:57	120-82-1	
2,4,5-Trichlorophenol	**0.063U**	mg/kg	0.47	0.063	1	06/15/13 02:30	05/18/13 23:57	95-95-4	
2,4,6-Trichlorophenol	**0.070U**	mg/kg	0.47	0.070	1	06/15/13 02:30	05/18/13 23:57	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	72	%	10-110		1	06/15/13 02:30	05/18/13 23:57	4165-60-0	
2-Fluorobiphenyl (S)	77	%	18-110		1	06/15/13 02:30	05/18/13 23:57	321-60-8	
Terphenyl-d14 (S)	78	%	10-123		1	06/15/13 02:30	05/18/13 23:57	1718-51-0	
Phenol-d6 (S)	57	%	10-110		1	06/15/13 02:30	05/18/13 23:57	13127-88-3	
2-Fluorophenol (S)	31	%	18-110		1	06/15/13 02:30	05/18/13 23:57	367-12-4	
2,4,6-Tribromophenol (S)	15	%	10-110		1	06/15/13 02:30	05/18/13 23:57	118-79-6	
8270 MSSV Short List Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	**0.017U**	mg/kg	0.046	0.017	1	06/13/13 02:30	06/13/13 21:52	83-32-9	
Acenaphthylene	**0.014U**	mg/kg	0.046	0.014	1	06/13/13 02:30	06/13/13 21:52	208-96-8	
Anthracene	**0.014U**	mg/kg	0.046	0.014	1	06/13/13 02:30	06/13/13 21:52	120-12-7	
Benzo(a)anthracene	**0.013U**	mg/kg	0.046	0.013	1	06/13/13 02:30	06/13/13 21:52	56-55-3	
Benzo(a)pyrene	**0.0065 I**	mg/kg	0.046	0.0054	1	06/13/13 02:30	06/13/13 21:52	50-32-8	
Benzo(b)fluoranthene	**0.035U**	mg/kg	0.046	0.035	1	06/13/13 02:30	06/13/13 21:52	205-99-2	

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Pace Analytical Services, Inc.
3610 Park Central Blvd N
Pompano Beach, FL 33064
954-582-4300

ANALYTICAL RESULTS

Project: 1354-E
Pace Project No.: 3596477

Sample: AC02821 293559 **Lab ID: 3596477002** Collected: 06/12/13 11:12 Received: 06/12/13 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Short List Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Benzo(g,h,i)perylene	**0.016U**	mg/kg	0.046	0.016	1	06/13/13 02:30	06/13/13 21:52	191-24-2	
Benzo(k)fluoranthene	**0.0099U**	mg/kg	0.046	0.0099	1	06/13/13 02:30	06/13/13 21:52	207-08-9	
Chrysene	**0.016U**	mg/kg	0.046	0.016	1	06/13/13 02:30	06/13/13 21:52	218-01-9	
Dibenz(a,h)anthracene	**0.013U**	mg/kg	0.046	0.013	1	06/13/13 02:30	06/13/13 21:52	53-70-3	
Fluoranthene	**0.016 I**	mg/kg	0.046	0.015	1	06/13/13 02:30	06/13/13 21:52	206-44-0	
Fluorene	**0.021U**	mg/kg	0.046	0.021	1	06/13/13 02:30	06/13/13 21:52	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.018U**	mg/kg	0.046	0.018	1	06/13/13 02:30	06/13/13 21:52	193-39-5	
1-Methylnaphthalene	**0.016U**	mg/kg	0.046	0.016	1	06/13/13 02:30	06/13/13 21:52	90-12-0	
2-Methylnaphthalene	**0.019U**	mg/kg	0.046	0.019	1	06/13/13 02:30	06/13/13 21:52	91-57-6	
Naphthalene	**0.015U**	mg/kg	0.046	0.015	1	06/13/13 02:30	06/13/13 21:52	91-20-3	
Phenanthrene	**0.017U**	mg/kg	0.046	0.017	1	06/13/13 02:30	06/13/13 21:52	85-01-8	
Pyrene	**0.014U**	mg/kg	0.046	0.014	1	06/13/13 02:30	06/13/13 21:52	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	50	%	10-110		1	06/13/13 02:30	06/13/13 21:52	4165-60-0	
2-Fluorobiphenyl (S)	61	%	18-110		1	06/13/13 02:30	06/13/13 21:52	321-60-8	
Terphenyl-d14 (S)	67	%	10-123		1	06/13/13 02:30	06/13/13 21:52	1718-51-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**27.8**	%	0.10	0.10	1		06/18/13 03:36		

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RUSH: 1 day 2 < 3 days

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MIAMI-DADE COUNTY, FLORIDA

MIAMI-DADE COUNTY

EPA # FL00025
FL CERT # E46126

Department of Regulatory and Economic Resources
Environmental Resources Management
Office of Laboratory Services
MIAMI, FLORIDA 33130-1510
(305)-375-1851

LABORATORY ANALYSIS RECORD
ENFORCEMENT

Site: Biscayne Landing
Address: 15045 Biscayne Blvd.
Sampler: D. CAMACHO & E. GONZALEZ/ EMRD
Return Analysis: L. Bucknor / DC / EG / EMRD
C.C# 992511 Permit # _____ Phone: 6700

Sample # : 293429

Date : 6/12/13 Time : 10:24

Collection Point :
Pile #19 Composite

Observation/Known Hazards:

12 JUN '13 13:54

AC02820
Ref # Iced? Y N 7.3

Clock-In Date/Inspector | Sign By Inspector | *Sign By Lab Custodian | *Laboratory ID # | *Temp.(° C) upon Rec.

Return For TCLP / SPLP?

Clock-In Date/Inspector | Date Requested _____ | *Laboratory ID # / Fridge # | *Laboratory ID # / Fridge #

*Take-Out Date/ RER Lab

*Returned-Date/ RER Lab

*Take-Out Date/ RER Lab

*Returned-Date/ RER Lab

*Take-Out Date/ RER Lab

*Sample Disposal Date

*Extracted By / Date

*Analyzed By / Date

Requirements: SDWA __ NPDES __ Other __

Matrix: H2O __ Soil/Sludge X Product __ Layer __ Sewage __ Other _____

Preservation: None X Acid __ Base __ Thermal : Iced X No Iced __

Sample Bottle Prepared Lot # : —

Picked-Up Date By Inspector: 6/12/13

Split Sample? Yes X No Consultant/Lab: SGS ES / Jupiter

Test(s) Run/Method #	Test(s) Run/Method #
TRPH and 8270 FULL list (FL-PRO)	

RECEIVED
JUL - 3 2013
DERM
POLLUTION CONTROL
DIVISION

Relinquished To: **Contract Lab _____

Delivered By / Date: _____

Received By / Date: 6/12/13

Extracted By / Date: IRL / TWB 6/12/6/15

Analyzed By / Date: IRL / TWB 6/13/6/18

Returned By / Date: _____

Comments 6 point composite

* By RER Lab ** By Contract Lab

Pace Analytical Services, Inc.
3610 Park Central Blvd N
Pompano Beach, FL 33064
954-582-4300

ANALYTICAL RESULTS

Project: 1354-E
Pace Project No.: 3596477

Sample: AC02820 293429 **Lab ID: 3596477001** Collected: 06/12/13 10:24 Received: 06/12/13 15:00 Matrix: Solid
Results reported on a "dry-weight" basis

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
FL-PRO Soil Microwave	Analytical Method: FL-PRO Preparation Method: EPA 3546								
Petroleum Range Organics	**4.1 I**	mg/kg	5.5	3.5	1	06/12/13 23:30	06/13/13 12:30		
Surrogates									
o-Terphenyl (S)	75	%	62-109		1	06/12/13 23:30	06/13/13 12:30	84-15-1	
N-Pentatriacontane (S)	49	%	42-159		1	06/12/13 23:30	06/13/13 12:30	630-07-09	
8270 MSSV Full List Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	**0.033U**	mg/kg	0.090	0.033	1	06/15/13 02:30	05/18/13 23:38	83-32-9	
Acenaphthylene	**0.028U**	mg/kg	0.090	0.028	1	06/15/13 02:30	05/18/13 23:38	208-96-8	
Aniline	**0.082U**	mg/kg	0.46	0.082	1	06/15/13 02:30	05/18/13 23:38	62-53-3	
Anthracene	**0.028U**	mg/kg	0.090	0.028	1	06/15/13 02:30	05/18/13 23:38	120-12-7	
Benzo(a)anthracene	**0.026U**	mg/kg	0.090	0.026	1	06/15/13 02:30	05/18/13 23:38	56-55-3	
Benzo(a)pyrene	**0.011U**	mg/kg	0.090	0.011	1	06/15/13 02:30	05/18/13 23:38	50-32-8	
Benzo(b)fluoranthene	**0.068U**	mg/kg	0.090	0.068	1	06/15/13 02:30	05/18/13 23:38	205-99-2	
Benzo(g,h,i)perylene	**0.032U**	mg/kg	0.090	0.032	1	06/15/13 02:30	05/18/13 23:38	191-24-2	
Benzo(k)fluoranthene	**0.020U**	mg/kg	0.090	0.020	1	06/15/13 02:30	05/18/13 23:38	207-08-9	
Benzoic Acid	**0.049U**	mg/kg	0.46	0.049	1	06/15/13 02:30	05/18/13 23:38	65-85-0	
Benzyl alcohol	**0.082U**	mg/kg	0.46	0.082	1	06/15/13 02:30	05/18/13 23:38	100-51-6	
4-Bromophenylphenyl ether	**0.053U**	mg/kg	0.46	0.053	1	06/15/13 02:30	05/18/13 23:38	101-55-3	
Butylbenzylphthalate	**0.052U**	mg/kg	0.46	0.052	1	06/15/13 02:30	05/18/13 23:38	85-68-7	
4-Chloro-3-methylphenol	**0.056U**	mg/kg	1.8	0.056	1	06/15/13 02:30	05/18/13 23:38	59-50-7	
4-Chloroaniline	**0.076U**	mg/kg	0.46	0.076	1	06/15/13 02:30	05/18/13 23:38	106-47-8	
bis(2-Chloroethoxy)methane	**0.075U**	mg/kg	0.46	0.075	1	06/15/13 02:30	05/18/13 23:38	111-91-1	
bis(2-Chloroethyl) ether	**0.071U**	mg/kg	0.46	0.071	1	06/15/13 02:30	05/18/13 23:38	111-44-4	
bis(2-Chloroisopropyl) ether	**0.073U**	mg/kg	0.46	0.073	1	06/15/13 02:30	05/18/13 23:38	108-60-1	
2-Chloronaphthalene	**0.082U**	mg/kg	0.46	0.082	1	06/15/13 02:30	05/18/13 23:38	91-58-7	
2-Chlorophenol	**0.069U**	mg/kg	0.46	0.069	1	06/15/13 02:30	05/18/13 23:38	95-57-8	
4-Chlorophenylphenyl ether	**0.058U**	mg/kg	0.46	0.058	1	06/15/13 02:30	05/18/13 23:38	7005-72-3	
Chrysene	**0.032U**	mg/kg	0.090	0.032	1	06/15/13 02:30	05/18/13 23:38	218-01-9	
Dibenz(a,h)anthracene	**0.026U**	mg/kg	0.090	0.026	1	06/15/13 02:30	05/18/13 23:38	53-70-3	
Dibenzofuran	**0.064U**	mg/kg	0.46	0.064	1	06/15/13 02:30	05/18/13 23:38	132-64-9	
1,2-Dichlorobenzene	**0.069U**	mg/kg	0.46	0.069	1	06/15/13 02:30	05/18/13 23:38	95-50-1	
1,3-Dichlorobenzene	**0.065U**	mg/kg	0.46	0.065	1	06/15/13 02:30	05/18/13 23:38	541-73-1	
1,4-Dichlorobenzene	**0.067U**	mg/kg	0.46	0.067	1	06/15/13 02:30	05/18/13 23:38	106-46-7	
3,3'-Dichlorobenzidine	**0.049U**	mg/kg	1.8	0.049	1	06/15/13 02:30	05/18/13 23:38	91-94-1	
2,4-Dichlorophenol	**0.063U**	mg/kg	0.46	0.063	1	06/15/13 02:30	05/18/13 23:38	120-83-2	
Diethylphthalate	**0.064U**	mg/kg	0.46	0.064	1	06/15/13 02:30	05/18/13 23:38	84-66-2	
2,4-Dimethylphenol	**0.084U**	mg/kg	0.46	0.084	1	06/15/13 02:30	05/18/13 23:38	105-67-9	
Dimethylphthalate	**0.049U**	mg/kg	0.46	0.049	1	06/15/13 02:30	05/18/13 23:38	131-11-3	
Di-n-butylphthalate	**0.059U**	mg/kg	0.46	0.059	1	06/15/13 02:30	05/18/13 23:38	84-74-2	
4,6-Dinitro-2-methylphenol	**0.051U**	mg/kg	1.8	0.051	1	06/15/13 02:30	05/18/13 23:38	534-52-1	
2,4-Dinitrophenol	**0.13U**	mg/kg	1.8	0.13	1	06/15/13 02:30	05/18/13 23:38	51-28-5	
2,4-Dinitrotoluene	**0.056U**	mg/kg	0.46	0.056	1	06/15/13 02:30	05/18/13 23:38	121-14-2	
2,6-Dinitrotoluene	**0.046U**	mg/kg	0.46	0.046	1	06/15/13 02:30	05/18/13 23:38	606-20-2	
Di-n-octylphthalate	**0.047U**	mg/kg	0.46	0.047	1	06/15/13 02:30	05/18/13 23:38	117-84-0	
1,2-Diphenylhydrazine	**0.048U**	mg/kg	0.46	0.048	1	06/15/13 02:30	05/18/13 23:38	122-66-7	

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Pace Analytical Services, Inc.
3610 Park Central Blvd N
Pompano Beach, FL 33064
954-562-4300

ANALYTICAL RESULTS

Project: 1354-E
Pace Project No.: 3596477

Sample: AC02820 293429 **Lab ID: 3596477001** Collected: 06/12/13 10:24 Received: 06/12/13 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
bis(2-Ethylhexyl)phthalate	**0.068U**	mg/kg	0.46	0.068	1	06/15/13 02:30	05/18/13 23:38	117-81-7	
Fluoranthene	**0.029U**	mg/kg	0.090	0.029	1	06/15/13 02:30	05/18/13 23:38	206-44-0	
Fluorene	**0.041U**	mg/kg	0.090	0.041	1	06/15/13 02:30	05/18/13 23:38	86-73-7	
Hexachloro-1,3-butadiene	**0.066U**	mg/kg	0.46	0.066	1	06/15/13 02:30	05/18/13 23:38	87-68-3	
Hexachlorobenzene	**0.052U**	mg/kg	0.46	0.052	1	06/15/13 02:30	05/18/13 23:38	118-74-1	
Hexachlorocyclopentadiene	**0.11U**	mg/kg	1.8	0.11	1	06/15/13 02:30	05/18/13 23:38	77-47-4	
Hexachloroethane	**0.084U**	mg/kg	0.46	0.084	1	06/15/13 02:30	05/18/13 23:38	67-72-1	
Indeno(1,2,3-cd)pyrene	**0.035U**	mg/kg	0.090	0.035	1	06/15/13 02:30	05/18/13 23:38	193-39-5	
Isophorone	**0.069U**	mg/kg	0.46	0.069	1	06/15/13 02:30	05/18/13 23:38	78-59-1	
1-Methylnaphthalene	**0.032U**	mg/kg	0.090	0.032	1	06/15/13 02:30	05/18/13 23:38	90-12-0	
2-Methylnaphthalene	**0.037U**	mg/kg	0.090	0.037	1	06/15/13 02:30	05/18/13 23:38	91-57-6	
2-Methylphenol(o-Cresol)	**0.068U**	mg/kg	0.46	0.068	1	06/15/13 02:30	05/18/13 23:38	95-48-7	
3&4-Methylphenol(m&p Cresol)	**0.14U**	mg/kg	0.46	0.14	1	06/15/13 02:30	05/18/13 23:38		
Naphthalene	**0.029U**	mg/kg	0.090	0.029	1	06/15/13 02:30	05/18/13 23:38	91-20-3	
2-Nitroaniline	**0.12U**	mg/kg	0.46	0.12	1	06/15/13 02:30	05/18/13 23:38	88-74-4	
3-Nitroaniline	**0.050U**	mg/kg	0.46	0.050	1	06/15/13 02:30	05/18/13 23:38	99-09-2	
4-Nitroaniline	**0.079U**	mg/kg	0.46	0.079	1	06/15/13 02:30	05/18/13 23:38	100-01-6	
Nitrobenzene	**0.073U**	mg/kg	0.46	0.073	1	06/15/13 02:30	05/18/13 23:38	98-95-3	
2-Nitrophenol	**0.075U**	mg/kg	0.46	0.075	1	06/15/13 02:30	05/18/13 23:38	88-75-5	
4-Nitrophenol	**0.069U**	mg/kg	0.46	0.069	1	06/15/13 02:30	05/18/13 23:38	100-02-7	
N-Nitrosodimethylamine	**0.069U**	mg/kg	0.46	0.069	1	06/15/13 02:30	05/18/13 23:38	62-75-9	
N-Nitroso-di-n-propylamine	**0.066U**	mg/kg	0.46	0.066	1	06/15/13 02:30	05/18/13 23:38	621-64-7	
N-Nitrosodiphenylamine	**0.056U**	mg/kg	0.46	0.056	1	06/15/13 02:30	05/18/13 23:38	86-30-6	
Pentachlorophenol	**0.059U**	mg/kg	1.8	0.059	1	06/15/13 02:30	05/18/13 23:38	87-86-5	
Phenanthrene	**0.034U**	mg/kg	0.090	0.034	1	06/15/13 02:30	05/18/13 23:38	85-01-8	
Phenol	**0.086U**	mg/kg	0.46	0.086	1	06/15/13 02:30	05/18/13 23:38	108-95-2	
Pyrene	**0.028U**	mg/kg	0.090	0.028	1	06/15/13 02:30	05/18/13 23:38	129-00-0	
1,2,4-Trichlorobenzene	**0.078U**	mg/kg	0.46	0.078	1	06/15/13 02:30	05/18/13 23:38	120-82-1	
2,4,5-Trichlorophenol	**0.062U**	mg/kg	0.46	0.062	1	06/15/13 02:30	05/18/13 23:38	95-95-4	
2,4,6-Trichlorophenol	**0.069U**	mg/kg	0.46	0.069	1	06/15/13 02:30	05/18/13 23:38	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	72	%	10-110		1	06/15/13 02:30	05/18/13 23:38	4165-60-0	
2-Fluorobiphenyl (S)	75	%	18-110		1	06/15/13 02:30	05/18/13 23:38	321-60-8	
Terphenyl-d14 (S)	80	%	10-123		1	06/15/13 02:30	05/18/13 23:38	1718-51-0	
Phenol-d6 (S)	57	%	10-110		1	06/15/13 02:30	05/18/13 23:38	13127-88-3	
2-Fluorophenol (S)	41	%	18-110		1	06/15/13 02:30	05/18/13 23:38	367-12-4	
2,4,6-Tribromophenol (S)	26	%	10-110		1	06/15/13 02:30	05/18/13 23:38	118-79-6	
8270 MSSV Short List Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	**0.017U**	mg/kg	0.045	0.017	1	06/13/13 02:30	06/13/13 21:32	83-32-9	
Acenaphthylene	**0.014U**	mg/kg	0.045	0.014	1	06/13/13 02:30	06/13/13 21:32	208-96-8	
Anthracene	**0.014U**	mg/kg	0.045	0.014	1	06/13/13 02:30	06/13/13 21:32	120-12-7	
Benzo(a)anthracene	**0.013U**	mg/kg	0.045	0.013	1	06/13/13 02:30	06/13/13 21:32	56-55-3	
Benzo(a)pyrene	**0.010 I**	mg/kg	0.045	0.0053	1	06/13/13 02:30	06/13/13 21:32	50-32-8	
Benzo(b)fluoranthene	**0.034U**	mg/kg	0.045	0.034	1	06/13/13 02:30	06/13/13 21:32	205-99-2	

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3610 Park Central Blvd N
Pompano Beach, FL 33064
954-582-4300

ANALYTICAL RESULTS

Project: 1354-E
Pace Project No.: 3596477

Sample: AC02820 293429 **Lab ID: 3596477001** Collected: 06/12/13 10:24 Received: 06/12/13 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Short List Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Benzo(g,h,i)perylene	**0.016U**	mg/kg	0.045	0.016	1	06/13/13 02:30	06/13/13 21:32	191-24-2	
Benzo(k)fluoranthene	**0.022 I**	mg/kg	0.045	0.0098	1	06/13/13 02:30	06/13/13 21:32	207-08-9	
Chrysene	**0.016U**	mg/kg	0.045	0.016	1	06/13/13 02:30	06/13/13 21:32	218-01-9	
Dibenz(a,h)anthracene	**0.013U**	mg/kg	0.045	0.013	1	06/13/13 02:30	06/13/13 21:32	53-70-3	
Fluoranthene	**0.015U**	mg/kg	0.045	0.015	1	06/13/13 02:30	06/13/13 21:32	206-44-0	
Fluorene	**0.020U**	mg/kg	0.045	0.020	1	06/13/13 02:30	06/13/13 21:32	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.018U**	mg/kg	0.045	0.018	1	06/13/13 02:30	06/13/13 21:32	193-39-5	
1-Methylnaphthalene	**0.016U**	mg/kg	0.045	0.016	1	06/13/13 02:30	06/13/13 21:32	90-12-0	
2-Methylnaphthalene	**0.018U**	mg/kg	0.045	0.018	1	06/13/13 02:30	06/13/13 21:32	91-57-6	
Naphthalene	**0.015U**	mg/kg	0.045	0.015	1	06/13/13 02:30	06/13/13 21:32	91-20-3	
Phenanthrene	**0.017U**	mg/kg	0.045	0.017	1	06/13/13 02:30	06/13/13 21:32	85-01-8	
Pyrene	**0.014U**	mg/kg	0.045	0.014	1	06/13/13 02:30	06/13/13 21:32	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	42	%	10-110		1	06/13/13 02:30	06/13/13 21:32	4165-60-0	
2-Fluorobiphenyl (S)	58	%	18-110		1	06/13/13 02:30	06/13/13 21:32	321-60-8	
Terphenyl-d14 (S)	57	%	10-123		1	06/13/13 02:30	06/13/13 21:32	1718-51-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**26.7**	%	0.10	0.10	1		06/18/13 03:35		

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MIAMI-DADE COUNTY, FLORIDA

MIAMI-DADE COUNTY

EPA # FL00025
FL CERT # E46126

Department of Regulatory and Economic Resources

Environmental Resources Management
Office of Laboratory Services
MIAMI, FLORIDA 33130-1510
(305)-375-1851

LABORATORY ANALYSIS RECORD
ENFORCEMENT

Site: Biscayne Landing
Address: 15045 Biscayne Blvd.
Sampler: D. CAMACHO & E. GONZALEZ/ EMRD
Return Analysis: L. Bucknor / DC / EG / EMRD
C.C# 992511 Permit # _____ Phone: 6700

Sample # : 293429

Date : 6/12/13 **Time :** 10:24

Collection Point :
Pile #19 Composite

Observation/Known Hazards:

12 JUN '13 13:54

AC02820
Ref # Iced? Y N 7.3

Clock-In Date/Inspector | Sign By Inspector | *Sign By Lab Custodian | *Laboratory ID # | *Temp.(° C) upon Rec.

Return For TCLP / SPLP?

Clock-In Date/Inspector | Date Requested _____ | *Laboratory ID # / Fridge # | *Laboratory ID # / Fridge #

*Take-Out Date/ RER Lab

*Returned-Date/ RER Lab

*Take-Out Date/ RER Lab

*Returned-Date/ RER Lab

*Take-Out Date/ RER Lab

*Sample Disposal Date

*Extracted By / Date

*Analyzed By / Date

Requirements: SDWA __ NPDES __ Other __
Matrix: H2O __ Soil/Sludge X Product __ Layer __ Sewage __ Other _____
Preservation: None X Acid __ Base __ Thermal : Iced X No Iced __
Sample Bottle Prepared Lot # : _____ Picked-Up Date By Inspector: 6/12/13
Split Sample? Yes X No ~~X~~ Consultant/Lab: SGS ES / Jupiter

Test(s) Run/Method #	Test(s) Run/Method #
TRPH and 8270 FULL List	
(FL-PRO)	

Relinquished To: **Contract Lab _____
Delivered By / Date: _____
Received By / Date: _____
Extracted By / Date: _____
Analyzed By / Date: _____
Returned By / Date: _____

Comments 6 point composite

* By RER Lab ** By Contract Lab

G54

S

MIAMI-DADE COUNTY, FLORIDA

MIAMI-DADE COUNTY

EPA # FL00025
FL CERT # E46126

Department of Regulatory and Economic Resources

Environmental Resources Management
Office of Laboratory Services
MIAMI, FLORIDA 33130-1510
(305)-375-1851

LABORATORY ANALYSIS RECORD
ENFORCEMENT

Site: Biscayne Landing
Address: 15045 Biscayne Blvd.
Sampler: D. CAMACHO & E. GONZALEZ/ EMRD
Return Analysis: L. Bucknor / DC / EG / EMRD
C.C# 992511 Permit # _____ Phone: 6700

Sample # : 293428

Date : 6/12/13 **Time :** 10:26

Collection Point :

Pile 19 Composite

Observation/Known Hazards:

12 JUN '13 18:54

Clock-In Date/Inspector

Sign By Inspector

*Sign By Lab Custodian

AC02818
Ref # Iced? Y N

*Laboratory ID #

7.3
*Temp.(° C) upon Rec.

Return For TCLP / SPLP?

Clock-In Date/Inspector

Date Requested _____

*Laboratory ID # / Fridge #

*Laboratory ID # / Fridge #

*Take-Out Date/ RER Lab

*Returned-Date/ RER Lab

*Take-Out Date/ RER Lab

*Returned-Date/ RER Lab

*Take-Out Date/ RER Lab

*Sample Disposal Date

*Extracted By / Date

*Analyzed By / Date

Requirements: SDWA __ NPDES __ Other __

Matrix: H2O __ Soil/Sludge X Product __ Layer __ Sewage __ Other _____

Preservation: None X Acid __ Base __ Thermal : Iced X No Iced __

Sample Bottle Prepared Lot # : —

Picked-Up Date By Inspector: 6/12/13

Split Sample? Yes X No __ Consultant/Lab: SCS / Jupiter

Test(s) Run/Method #	Test(s) Run/Method #
8 RCRA Metals, Al, Fe, Mn and SPLP	

Relinquished To: **Contract Lab _____

Delivered By / Date: _____

Received By / Date: _____

Extracted By / Date: _____

Analyzed By / Date: _____

Returned By / Date: _____

Comments 6 point composite

* By RER Lab ** By Contract Lab

GS4

S

MIAMI-DADE COUNTY, FLORIDA

MIAMI-DADE COUNTY

EPA # FL00025
FL CERT # E46126

Department of Regulatory and Economic Resources

Environmental Resources Management
Office of Laboratory Services
MIAMI, FLORIDA 33130-1510
(305)-375-1851

LABORATORY ANALYSIS RECORD
ENFORCEMENT

Site: Biscayne Landing
Address: 15045 Biscayne Blvd.
Sampler: D. CAMACHO & E. GONZALEZ/ EMRD
Return Analysis: L. Bucknor / DC / EG / EMRD
C.C# 992511 Permit # _____ Phone: 6700

Sample # : 293430

Date : 6/12/13 **Time :** 10:20

Collection Point :
Pile 19 ~~Composite~~

Observation/Known Hazards:

12 JUN '13 13:54

Clock-In Date/Inspector | Sign By Inspector | *Sign By Lab Custodian | *Laboratory ID # | *Temp.(° C) upon Rec.

Ref # AC02822 | Iced? Y N | 7.3

Return For TCLP / SPLP?

Clock-In Date/Inspector | Date Requested _____ | *Laboratory ID # / Fridge # | *Laboratory ID # / Fridge #

*Take-Out Date/ RER Lab

*Returned-Date/ RER Lab

*Take-Out Date/ RER Lab

*Returned-Date/ RER Lab

*Take-Out Date/ RER Lab

*Sample Disposal Date

*Extracted By / Date

*Analyzed By / Date

Requirements: SDWA __ NPDES __ Other __
Matrix: H2O __ Soil/Sludge X Product __ Layer __ Sewage __ Other _____
Preservation: None __ Acid X Base __ Thermal : Iced X No Iced __
Sample Bottle Prepared Lot # : —
Picked-Up Date By Inspector: 6/12/13
Split Sample? Yes X No __ Consultant/Lab: SCS/ES / Jupiter

Test(s) Run/Method #	Test(s) Run/Method #
8260 Full List	

Relinquished To: **Contract Lab _____
Delivered By / Date: _____
Received By / Date: _____
Extracted By / Date: _____
Analyzed By / Date: _____
Returned By / Date: _____

Comments Discrete in-situ sample.

* By RER Lab ** By Contract Lab

G54

5

MIAMI-DADE COUNTY, FLORIDA

MIAMI-DADE COUNTY

EPA # FL00025
FL CERT # E46126

Department of Regulatory and Economic Resource

Environmental Resources Management
Office of Laboratory Services
MIAMI, FLORIDA 33130-1510
(305)-375-1851

LABORATORY ANALYSIS RECORD
ENFORCEMENT

Site: Biscayne Landing
Address: 15045 Biscayne Blvd.
Sampler: D. CAMACHO & E. GONZALEZ/ EMRD
Return Analysis: L. Bucknor / DC / EG / EMRD
C.C# 992511 Permit # _____ Phone: 6700

Sample # : 293559

Date : 6/12/13 Time : 11:12

Collection Point :

Pile - 20 Composite

Observation/Known Hazards:

12 JUN '13 18:54

Clock-In Date/Inspector

Sign By Inspector

*Sign By Lab Custodian

AC02821
Ref # Iced?

*Laboratory ID #

7.3
*Temp.(° C) upon Rec.

Return For TCLP / SPLP?

Clock-In Date/Inspector

Date Requested _____

*Laboratory ID # / Fridge #

*Laboratory ID # / Fridge #

*Take-Out Date/ RER Lab

*Returned-Date/ RER Lab

*Take-Out Date/ RER Lab

*Returned-Date/ RER Lab

*Take-Out Date/ RER Lab

*Sample Disposal Date

*Extracted By / Date

*Analyzed By / Date

Requirements: SDWA __ NPDES __ Other __

Matrix: H2O __ Soil/Sludge X Product __ Layer __ Sewage __ Other _____

Preservation: None X Acid __ Base __ Thermal : Iced X No Iced __

Sample Bottle Prepared Lot # : —

Picked-Up Date By Inspector: 6/12/13

Split Sample? Yes X No __ Consultant/Lab: SCS ES / Jupiter Lab

Test(s) Run/Method #	Test(s) Run/Method #
TRPH and 8270 FULL	List
(FL-PRO)	

Relinquished To: **Contract Lab _____

Delivered By / Date: _____

Received By / Date: _____

Extracted By / Date: _____

Analyzed By / Date: _____

Returned By / Date: _____

Comments 6 point composite

* By RER Lab ** By Contract Lab

GSU

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MIAMI-DADE COUNTY, FLORIDA

MIAMI-DADE COUNTY

EPA # FL00025
FL CERT # E46126

Department of Regulatory and Economic Resources

Environmental Resources Management
Office of Laboratory Services
MIAMI, FLORIDA 33130-1510
(305)-375-1851

LABORATORY ANALYSIS RECORD ENFORCEMENT

Site: Biscayne Landing
Address: 15045 Biscayne Blvd.
Sampler: D. CAMACHO & E. GONZALEZ/ EMRD
Return Analysis: L. Bucknor / DC / EG / EMRD
C.C# 992511 Permit # _____ Phone: 6700

Sample # : 293560

Date : 6/12/13 **Time :** 11:14

Collection Point : Pile -20 Composite

Observation/Known Hazards:

12 JUN '13 13:54

Clock-In Date/Inspector

Sign By Inspector: [signature]

*Sign By Lab Custodian: [signature]

AC02819 Ref # Iced? 7.3

*Laboratory ID # *Temp.(° C) upon Rec.

Return For TCLP / SPLP?

Clock-In Date/Inspector

Date Requested _____

*Laboratory ID # / Fridge #

*Laboratory ID # / Fridge #

*Take-Out Date/ RER Lab

*Returned-Date/ RER Lab

*Take-Out Date/ RER Lab

*Returned-Date/ RER Lab

*Take-Out Date/ RER Lab

*Sample Disposal Date

*Extracted By / Date

*Analyzed By / Date

Requirements: SDWA __ NPDES __ Other __

Matrix: H2O __ Soil/Sludge X Product __ Layer __ Sewage __ Other _____

Preservation: None X Acid __ Base __ Thermal : Iced X No Iced __

Sample Bottle Prepared Lot # : _____ Picked-Up Date By Inspector: 6/12/13

Split Sample? Yes X No __ Consultant/Lab: SCS/ES / Jupiter

Test(s) Run/Method #	Test(s) Run/Method #
8 RCRA Metals and Al,	Fe, Mn and SPLP

Relinquished To: **Contract Lab _____

Delivered By / Date: _____

Received By / Date: _____

Extracted By / Date: _____

Analyzed By / Date: _____

Returned By / Date: _____

Comments 6 point composite

* By RER Lab ** By Contract Lab

GSU

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MIAMI-DADE COUNTY, FLORIDA

MIAMI-DADE COUNTY

EPA # FL00025
FL CERT # E46126

Department of Regulatory and Economic Resources

Environmental Resources Management
Office of Laboratory Services
MIAMI, FLORIDA 33130-1510
(305)-375-1851

LABORATORY ANALYSIS RECORD
ENFORCEMENT

Site: Biscayne Landing
Address: 15045 Biscayne Blvd.
Sampler: D. CAMACHO & E. GONZALEZ/ EMRD
Return Analysis: L. Bucknor / DC / EG / EMRD
C.C# 992511 Permit # _____ Phone: 6700

Sample # : 293561

Date : 6/12/13 **Time :** 11:14

Collection Point : Pile -20

Observation/Known Hazards:

12 JUN '13 13:54

Clock-In Date/Inspector | Sign By Inspector | *Sign By Lab Custodian | *Laboratory ID # | *Temp.(° C) upon Rec.

Ref # AC02823 | Iced? | 7.3

Return For TCLP / SPLP?

Clock-In Date/Inspector | Date Requested _____ | *Laboratory ID # / Fridge # | *Laboratory ID # / Fridge #

*Take-Out Date/ RER Lab

*Returned-Date/ RER Lab

*Take-Out Date/ RER Lab

*Returned-Date/ RER Lab

*Take-Out Date/ RER Lab

*Sample Disposal Date

*Extracted By / Date

*Analyzed By / Date

Requirements: SDWA __ NPDES __ Other __

Matrix: H2O __ Soil/Sludge X __ Product __ Layer __ Sewage __ Other _____

Preservation: None X Acid __ Base __ Thermal : Iced X No Iced __

Sample Bottle Prepared Lot # : _____ Picked-Up Date By Inspector: 6/12/13

Split Sample? Yes X No __ Consultant/Lab: SCS ES / Jupiter

Test(s) Run/Method #	Test(s) Run/Method #
8260 FULL LIST	

Relinquished To: **Contract Lab _____

Delivered By / Date: _____

Received By / Date: _____

Extracted By / Date: _____

Analyzed By / Date: _____

Returned By / Date: _____

Comments Discrete Sample.

* By RER Lab ** By Contract Lab

MGSU

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MIAMI-DADE COUNTY, FLORIDA

RUSH: 1 day ② < 3 days

MIAMI-DADE COUNTY

EPA # FL00025
FL CERT # E46126

Department of Regulatory and Economic Resources
Environmental Resources Management
Office of Laboratory Services
MIAMI, FLORIDA 33130-1510
(305)-375-1851

LABORATORY ANALYSIS RECORD
ENFORCEMENT

Site: Biscayne Landing
Address: 15045 Biscayne Blvd.
Sampler: D. CAMACHO & E. GONZALEZ/ EMRD
Return Analysis: L. Bucknor / DC / EG / EMRD
C.C# 992511 Permit # _____ Phone: 6700

Sample # : 293568

Date : 6/14/13 **Time :** 10:47

Collection Point : Pile-1 Composite

Observation/Known Hazards:

14 JUN '13 14:55 | [signature] | [signature] | AC02867 Ref # Iced? | 7.3

Clock-In Date/Inspector | Sign By Inspector | *Sign By Lab Custodian | *Laboratory ID # | *Temp.(° C) upon Rec.

Return For TCLP / SPLP?

Clock-In Date/Inspector | Date Requested _____ | *Laboratory ID # / Fridge # | *Laboratory ID # / Fridge #

*Take-Out Date/ RER Lab

*Returned-Date/ RER Lab

*Take-Out Date/ RER Lab

*Returned-Date/ RER Lab

*Take-Out Date/ RER Lab

*Sample Disposal Date

*Extracted By / Date

*Analyzed By / Date

Requirements: SDWA __ NPDES __ Other __
Matrix: H2O __ Soil/Sludge X Product __ Layer __ Sewage __ Other _____
Preservation: None X Acid __ Base __ Thermal : Iced X No Iced __
Sample Bottle Prepared Lot # : — Picked-Up Date By Inspector: 6/12/13
Split Sample? Yes X No __ Consultant/Lab: SCS ES / Jupiter

Test(s) Run/Method #	Test(s) Run/Method #
	RECEIVED
TRPH and 8270 Full List	JUL 24 2013
(FL-PRO)	DERM
	POLLUTION CONTROL DIVISION

Relinquished To: **Contract Lab June 14 2013
Delivered By / Date:
Received By / Date: 6/18/13 ②
Extracted By / Date: IRL, TWB 6/18, 6/19/13 ②
Analyzed By / Date: IRL, TWB 6/19, 6/20/13 ②
Returned By / Date: JUL 22 2013

Comments 10 point composite

* By RER Lab ** By Contract Lab

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Pace Analytical Services, Inc.
3610 Park Central Blvd N
Pompano Beach, FL 33064
954-582-4300

ANALYTICAL RESULTS

Project: 1363-E
Pace Project No.: 3597165

Sample: AC02867 293568 **Lab ID: 3597165001** Collected: 06/14/13 10:47 Received: 06/18/13 00:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
FL-PRO Soil Microwave	Analytical Method: FL-PRO Preparation Method: EPA 3546								
Petroleum Range Organics	**3.2U**	mg/kg	5.0	3.2	1	06/18/13 23:30	06/19/13 14:41		
Surrogates									
o-Terphenyl (S)	93	%	62-109		1	06/18/13 23:30	06/19/13 14:41	84-15-1	
N-Pentatriacontane (S)	87	%	42-159		1	06/18/13 23:30	06/19/13 14:41	630-07-09	
8270 MSSV Full List Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	**0.015U**	mg/kg	0.042	0.015	1	06/19/13 11:05	05/20/13 08:20	83-32-9	
Acenaphthylene	**0.013U**	mg/kg	0.042	0.013	1	06/19/13 11:05	05/20/13 08:20	208-96-8	
Aniline	**0.038U**	mg/kg	0.21	0.038	1	06/19/13 11:05	05/20/13 08:20	62-53-3	J(M1)
Anthracene	**0.013U**	mg/kg	0.042	0.013	1	06/19/13 11:05	05/20/13 08:20	120-12-7	
Benzo(a)anthracene	**0.022 I**	mg/kg	0.042	0.012	1	06/19/13 11:05	05/20/13 08:20	56-55-3	
Benzo(a)pyrene	**0.017 I**	mg/kg	0.042	0.0049	1	06/19/13 11:05	05/20/13 08:20	50-32-8	
Benzo(b)fluoranthene	**0.031U**	mg/kg	0.042	0.031	1	06/19/13 11:05	05/20/13 08:20	205-99-2	
Benzo(g,h,i)perylene	**0.015U**	mg/kg	0.042	0.015	1	06/19/13 11:05	05/20/13 08:20	191-24-2	
Benzo(k)fluoranthene	**0.0090U**	mg/kg	0.042	0.0090	1	06/19/13 11:05	05/20/13 08:20	207-08-9	
Benzyl alcohol	**0.038U**	mg/kg	0.21	0.038	1	06/19/13 11:05	05/20/13 08:20	100-51-6	J(M1)
4-Bromophenylphenyl ether	**0.025U**	mg/kg	0.21	0.025	1	06/19/13 11:05	05/20/13 08:20	101-55-3	J(M1)
Butylbenzylphthalate	**0.024U**	mg/kg	0.21	0.024	1	06/19/13 11:05	05/20/13 08:20	85-68-7	J(M1), J(R1)
4-Chloro-3-methylphenol	**0.026U**	mg/kg	0.85	0.026	1	06/19/13 11:05	05/20/13 08:20	59-50-7	J(M1)
4-Chloroaniline	**0.035U**	mg/kg	0.21	0.035	1	06/19/13 11:05	05/20/13 08:20	106-47-8	J(M1)
bis(2-Chloroethoxy)methane	**0.034U**	mg/kg	0.21	0.034	1	06/19/13 11:05	05/20/13 08:20	111-91-1	J(M1)
bis(2-Chloroethyl) ether	**0.033U**	mg/kg	0.21	0.033	1	06/19/13 11:05	05/20/13 08:20	111-44-4	
bis(2-Chloroisopropyl) ether	**0.034U**	mg/kg	0.21	0.034	1	06/19/13 11:05	05/20/13 08:20	108-60-1	J(M1)
2-Chloronaphthalene	**0.038U**	mg/kg	0.21	0.038	1	06/19/13 11:05	05/20/13 08:20	91-58-7	J(M1)
2-Chlorophenol	**0.032U**	mg/kg	0.21	0.032	1	06/19/13 11:05	05/20/13 08:20	95-57-8	J(M1)
4-Chlorophenylphenyl ether	**0.027U**	mg/kg	0.21	0.027	1	06/19/13 11:05	05/20/13 08:20	7005-72-3	
Chrysene	**0.017 I**	mg/kg	0.042	0.015	1	06/19/13 11:05	05/20/13 08:20	218-01-9	
Dibenz(a,h)anthracene	**0.012U**	mg/kg	0.042	0.012	1	06/19/13 11:05	05/20/13 08:20	53-70-3	
Dibenzofuran	**0.029U**	mg/kg	0.21	0.029	1	06/19/13 11:05	05/20/13 08:20	132-64-9	J(M1)
1,2-Dichlorobenzene	**0.032U**	mg/kg	0.21	0.032	1	06/19/13 11:05	05/20/13 08:20	95-50-1	
1,3-Dichlorobenzene	**0.030U**	mg/kg	0.21	0.030	1	06/19/13 11:05	05/20/13 08:20	541-73-1	
1,4-Dichlorobenzene	**0.031U**	mg/kg	0.21	0.031	1	06/19/13 11:05	05/20/13 08:20	106-46-7	
3,3'-Dichlorobenzidine	**0.022U**	mg/kg	0.85	0.022	1	06/19/13 11:05	05/20/13 08:20	91-94-1	J(M1)
2,4-Dichlorophenol	**0.029U**	mg/kg	0.21	0.029	1	06/19/13 11:05	05/20/13 08:20	120-83-2	J(M1)
Diethylphthalate	**0.030U**	mg/kg	0.21	0.030	1	06/19/13 11:05	05/20/13 08:20	84-66-2	J(M1), J(R1)
2,4-Dimethylphenol	**0.039U**	mg/kg	0.21	0.039	1	06/19/13 11:05	05/20/13 08:20	105-67-9	J(M1)
Dimethylphthalate	**0.023U**	mg/kg	0.21	0.023	1	06/19/13 11:05	05/20/13 08:20	131-11-3	J(M1), J(R1)
Di-n-butylphthalate	**0.027U**	mg/kg	0.21	0.027	1	06/19/13 11:05	05/20/13 08:20	84-74-2	J(M1)
4,6-Dinitro-2-methylphenol	**0.024U**	mg/kg	0.85	0.024	1	06/19/13 11:05	05/20/13 08:20	534-52-1	J(M1)
2,4-Dinitrophenol	**0.062U**	mg/kg	0.85	0.062	1	06/19/13 11:05	05/20/13 08:20	51-28-5	J(M1)
2,4-Dinitrotoluene	**0.026U**	mg/kg	0.21	0.026	1	06/19/13 11:05	05/20/13 08:20	121-14-2	J(M1)
2,6-Dinitrotoluene	**0.021U**	mg/kg	0.21	0.021	1	06/19/13 11:05	05/20/13 08:20	606-20-2	J(M1)
Di-n-octylphthalate	**0.022U**	mg/kg	0.21	0.022	1	06/19/13 11:05	05/20/13 08:20	117-84-0	J(M1)

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Pace Analytical Services, Inc.
3610 Park Central Blvd N
Pompano Beach, FL 33064
954-582-4300

ANALYTICAL RESULTS

Project: 1363-E
Pace Project No.: 3597165

Sample: AC02867 293568 **Lab ID: 3597165001** Collected: 06/14/13 10:47 Received: 06/18/13 00:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
1,2-Diphenylhydrazine	**0.022U**	mg/kg	0.21	0.022	1	06/19/13 11:05	05/20/13 08:20	122-66-7	J(M1)
bis(2-Ethylhexyl)phthalate	**0.031U**	mg/kg	0.21	0.031	1	06/19/13 11:05	05/20/13 08:20	117-81-7	J(M1)
Fluoranthene	**0.035 I**	mg/kg	0.042	0.014	1	06/19/13 11:05	05/20/13 08:20	206-44-0	
Fluorene	**0.019U**	mg/kg	0.042	0.019	1	06/19/13 11:05	05/20/13 08:20	86-73-7	
Hexachloro-1,3-butadiene	**0.031U**	mg/kg	0.21	0.031	1	06/19/13 11:05	05/20/13 08:20	87-68-3	
Hexachlorobenzene	**0.024U**	mg/kg	0.21	0.024	1	06/19/13 11:05	05/20/13 08:20	118-74-1	J(M1)
Hexachlorocyclopentadiene	**0.052U**	mg/kg	0.85	0.052	1	06/19/13 11:05	05/20/13 08:20	77-47-4	J(M1)
Hexachloroethane	**0.039U**	mg/kg	0.21	0.039	1	06/19/13 11:05	05/20/13 08:20	67-72-1	J(M1)
Indeno(1,2,3-cd)pyrene	**0.016U**	mg/kg	0.042	0.016	1	06/19/13 11:05	05/20/13 08:20	193-39-5	
Isophorone	**0.032U**	mg/kg	0.21	0.032	1	06/19/13 11:05	05/20/13 08:20	78-59-1	J(M1)
1-Methylnaphthalene	**0.015U**	mg/kg	0.042	0.015	1	06/19/13 11:05	05/20/13 08:20	90-12-0	
2-Methylnaphthalene	**0.017U**	mg/kg	0.042	0.017	1	06/19/13 11:05	05/20/13 08:20	91-57-6	
2-Methylphenol(o-Cresol)	**0.031U**	mg/kg	0.21	0.031	1	06/19/13 11:05	05/20/13 08:20	95-48-7	J(M1)
3&4-Methylphenol(m&p Cresol)	**0.064U**	mg/kg	0.21	0.064	1	06/19/13 11:05	05/20/13 08:20		J(M1)
Naphthalene	**0.013U**	mg/kg	0.042	0.013	1	06/19/13 11:05	05/20/13 08:20	91-20-3	
2-Nitroaniline	**0.056U**	mg/kg	0.21	0.056	1	06/19/13 11:05	05/20/13 08:20	88-74-4	J(M1), J(R1)
3-Nitroaniline	**0.023U**	mg/kg	0.21	0.023	1	06/19/13 11:05	05/20/13 08:20	99-09-2	J(M1)
4-Nitroaniline	**0.037U**	mg/kg	0.21	0.037	1	06/19/13 11:05	05/20/13 08:20	100-01-6	J(M1), J(R1)
Nitrobenzene	**0.034U**	mg/kg	0.21	0.034	1	06/19/13 11:05	05/20/13 08:20	98-95-3	J(M1)
2-Nitrophenol	**0.035U**	mg/kg	0.21	0.035	1	06/19/13 11:05	05/20/13 08:20	88-75-5	J(M1)
4-Nitrophenol	**0.032U**	mg/kg	0.21	0.032	1	06/19/13 11:05	05/20/13 08:20	100-02-7	J(M1)
N-Nitrosodimethylamine	**0.032U**	mg/kg	0.21	0.032	1	06/19/13 11:05	05/20/13 08:20	62-75-9	
N-Nitroso-di-n-propylamine	**0.031U**	mg/kg	0.21	0.031	1	06/19/13 11:05	05/20/13 08:20	621-64-7	
N-Nitrosodiphenylamine	**0.026U**	mg/kg	0.21	0.026	1	06/19/13 11:05	05/20/13 08:20	86-30-6	J(M1)
Pentachlorophenol	**0.027U**	mg/kg	0.85	0.027	1	06/19/13 11:05	05/20/13 08:20	87-86-5	J(M1)
Phenanthrene	**0.024 I**	mg/kg	0.042	0.016	1	06/19/13 11:05	05/20/13 08:20	85-01-8	
Phenol	**0.040U**	mg/kg	0.21	0.040	1	06/19/13 11:05	05/20/13 08:20	108-95-2	J(M1)
Pyrene	**0.027 I**	mg/kg	0.042	0.013	1	06/19/13 11:05	05/20/13 08:20	129-00-0	
1,2,4-Trichlorobenzene	**0.036U**	mg/kg	0.21	0.036	1	06/19/13 11:05	05/20/13 08:20	120-82-1	
2,4,5-Trichlorophenol	**0.029U**	mg/kg	0.21	0.029	1	06/19/13 11:05	05/20/13 08:20	95-95-4	J(M1)
2,4,6-Trichlorophenol	**0.032U**	mg/kg	0.21	0.032	1	06/19/13 11:05	05/20/13 08:20	88-06-2	J(M1)
Surrogates									
Nitrobenzene-d5 (S)	14	%	10-110		1	06/19/13 11:05	05/20/13 08:20	4165-60-0	
2-Fluorobiphenyl (S)	60	%	18-110		1	06/19/13 11:05	05/20/13 08:20	321-60-8	
Terphenyl-d14 (S)	54	%	10-123		1	06/19/13 11:05	05/20/13 08:20	1718-51-0	
Phenol-d6 (S)	30	%	10-110		1	06/19/13 11:05	05/20/13 08:20	13127-88-3	
2-Fluorophenol (S)	8	%	18-110		1	06/19/13 11:05	05/20/13 08:20	367-12-4	J(S0), J(S5)
2,4,6-Tribromophenol (S)	3	%	10-110		1	06/19/13 11:05	05/20/13 08:20	118-79-6	J(S0), J(S5)
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**20.7**	%	0.10	0.10	1		06/19/13 02:49		

REPORT OF LABORATORY ANALYSIS

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Date: 06/20/2013 06:39 PM

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MIAMI-DADE COUNTY, FLORIDA

RUSH: 1 day (2) < 3 days

Department of Regulatory and Economic Resource

Environmental Resources Management
Office of Laboratory Services
MIAMI, FLORIDA 33130-1510
(305)-375-1851

MIAMI-DADE COUNTY
EPA # FL00025
FL CERT # E46126

LABORATORY ANALYSIS RECORD
ENFORCEMENT

Site: Biscayne Landing
Address: 15045 Biscayne Blvd.
Sampler: D. CAMACHO & E. GONZALEZ/ EMRD
Return Analysis: L. Bucknor / DC / EG / EMRD
C.C# 992511 Permit # _____ Phone: 6700

Sample # : 293566

Date : 6/14/13 **Time :** 10:45

Collection Point : Pile-1 ~~Composite~~ DC 6/14/13

Observation/Known Hazards:

14 JUN 13 15:00

AC02871

Ref # Iced? 7.3

Clock-In Date/Inspector | Sign By Inspector | *Sign By Lab Custodian | *Laboratory ID # | *Temp.(° C) upon Rec.

Return For TCLP / SPLP?

Clock-In Date/Inspector | Date Requested _____ | *Laboratory ID # / Fridge # | *Laboratory ID # / Fridge #

*Take-Out Date/ RER Lab

*Returned-Date/ RER Lab

*Take-Out Date/ RER Lab

*Returned-Date/ RER Lab

*Take-Out Date/ RER Lab

*Sample Disposal Date

*Extracted By / Date

*Analyzed By / Date

Requirements: SDWA __ NPDES __ Other __

Matrix: H2O __ Soil/Sludge X Product __ Layer __ Sewage __ Other _____

Preservation: None X Acid X Base __ Thermal : Iced X No Iced __

Sample Bottle Prepared Lot # : _____ Picked-Up Date By Inspector: 6/12/13

Split Sample? Yes X No __ Consultant/Lab: SCS ES / Jupiter

Test(s) Run/Method #	Test(s) Run/Method #
8260 Full List	

RECEIVED
JUL 24 2013
DERM
POLLUTION CONTROL DIVISION

Relinquished To: **Contract Lab June 14, 2013

Delivered By / Date:

Received By / Date: 6/18/13 (2)

Extracted By / Date: DRS 6/19/13 (2)

Analyzed By / Date: DRS 6/19/13 (2)

Returned By / Date: JUL 22 2013

Comments Discrete sample

* By RER Lab ** By Contract Lab

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Pace Analytical Services, Inc.
3610 Park Central Blvd N
Pompano Beach, FL 33064
954-582-4300

ANALYTICAL RESULTS

Project: 1363-E
Pace Project No.: 3597165

Sample: AC02871 293566 **Lab ID: 3597165008** Collected: 06/14/13 10:45 Received: 06/18/13 00:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Acetone	**0.048**	mg/kg	0.025	0.013	1		06/19/13 16:40	67-64-1	
Acetonitrile	**0.031U**	mg/kg	0.063	0.031	1		06/19/13 16:40	75-05-8	
Benzene	**0.0032U**	mg/kg	0.0063	0.0032	1		06/19/13 16:40	71-43-2	
Bromochloromethane	**0.0031U**	mg/kg	0.0063	0.0031	1		06/19/13 16:40	74-97-5	
Bromodichloromethane	**0.0031U**	mg/kg	0.0063	0.0031	1		06/19/13 16:40	75-27-4	
Bromoform	**0.0031U**	mg/kg	0.0063	0.0031	1		06/19/13 16:40	75-25-2	
Bromomethane	**0.0031U**	mg/kg	0.0063	0.0031	1		06/19/13 16:40	74-83-9	
2-Butanone (MEK)	**0.0031U**	mg/kg	0.0063	0.0031	1		06/19/13 16:40	78-93-3	
Carbon disulfide	**0.0031U**	mg/kg	0.0063	0.0031	1		06/19/13 16:40	75-15-0	
Carbon tetrachloride	**0.0031U**	mg/kg	0.0063	0.0031	1		06/19/13 16:40	56-23-5	
Chlorobenzene	**0.0031U**	mg/kg	0.0063	0.0031	1		06/19/13 16:40	108-90-7	
Chloroethane	**0.0045U**	mg/kg	0.0063	0.0045	1		06/19/13 16:40	75-00-3	
Chloroform	**0.0037U**	mg/kg	0.0063	0.0037	1		06/19/13 16:40	67-66-3	
Chloromethane	**0.0035U**	mg/kg	0.0063	0.0035	1		06/19/13 16:40	74-87-3	
1,2-Dibromo-3-chloropropane	**0.0031U**	mg/kg	0.0063	0.0031	1		06/19/13 16:40	96-12-8	
Dibromochloromethane	**0.0031U**	mg/kg	0.0063	0.0031	1		06/19/13 16:40	124-48-1	
1,2-Dibromoethane (EDB)	**0.0031U**	mg/kg	0.0063	0.0031	1		06/19/13 16:40	106-93-4	
Dibromomethane	**0.0031U**	mg/kg	0.0063	0.0031	1		06/19/13 16:40	74-95-3	
1,2-Dichlorobenzene	**0.0031U**	mg/kg	0.0063	0.0031	1		06/19/13 16:40	95-50-1	
1,4-Dichlorobenzene	**0.0031U**	mg/kg	0.0063	0.0031	1		06/19/13 16:40	106-46-7	
trans-1,4-Dichloro-2-butene	**0.0031U**	mg/kg	0.0063	0.0031	1		06/19/13 16:40	110-57-6	
1,1-Dichloroethane	**0.0034U**	mg/kg	0.0063	0.0034	1		06/19/13 16:40	75-34-3	
1,2-Dichloroethane	**0.0031U**	mg/kg	0.0063	0.0031	1		06/19/13 16:40	107-06-2	
1,2-Dichloroethene (Total)	**0.0038U**	mg/kg	0.0063	0.0038	1		06/19/13 16:40	540-59-0	
1,1-Dichloroethene	**0.0031U**	mg/kg	0.0063	0.0031	1		06/19/13 16:40	75-35-4	
cis-1,2-Dichloroethene	**0.0031U**	mg/kg	0.0063	0.0031	1		06/19/13 16:40	156-59-2	
trans-1,2-Dichloroethene	**0.0038U**	mg/kg	0.0063	0.0038	1		06/19/13 16:40	156-60-5	
1,2-Dichloropropane	**0.0031U**	mg/kg	0.0063	0.0031	1		06/19/13 16:40	78-87-5	
cis-1,3-Dichloropropene	**0.0031U**	mg/kg	0.0063	0.0031	1		06/19/13 16:40	10061-01-5	
trans-1,3-Dichloropropene	**0.0031U**	mg/kg	0.0063	0.0031	1		06/19/13 16:40	10061-02-6	
Ethylbenzene	**0.0036U**	mg/kg	0.0063	0.0036	1		06/19/13 16:40	100-41-4	
2-Hexanone	**0.0031U**	mg/kg	0.0063	0.0031	1		06/19/13 16:40	591-78-6	
Iodomethane	**0.0031U**	mg/kg	0.0063	0.0031	1		06/19/13 16:40	74-88-4	
Isopropylbenzene (Cumene)	**0.0036U**	mg/kg	0.0063	0.0036	1		06/19/13 16:40	98-82-8	
Methylene Chloride	**0.0031U**	mg/kg	0.0063	0.0031	1		06/19/13 16:40	75-09-2	
4-Methyl-2-pentanone (MIBK)	**0.0031U**	mg/kg	0.0063	0.0031	1		06/19/13 16:40	108-10-1	
Methyl-tert-butyl ether	**0.0031U**	mg/kg	0.0063	0.0031	1		06/19/13 16:40	1634-04-4	
Styrene	**0.0031U**	mg/kg	0.0063	0.0031	1		06/19/13 16:40	100-42-5	
1,1,1,2-Tetrachloroethane	**0.0031U**	mg/kg	0.0063	0.0031	1		06/19/13 16:40	630-20-6	
1,1,2,2-Tetrachloroethane	**0.0031U**	mg/kg	0.0063	0.0031	1		06/19/13 16:40	79-34-5	
Tetrachloroethene	**0.0031U**	mg/kg	0.0063	0.0031	1		06/19/13 16:40	127-18-4	
Toluene	**0.0034U**	mg/kg	0.0063	0.0034	1		06/19/13 16:40	108-88-3	
1,1,1-Trichloroethane	**0.0034U**	mg/kg	0.0063	0.0034	1		06/19/13 16:40	71-55-6	
1,1,2-Trichloroethane	**0.0031U**	mg/kg	0.0063	0.0031	1		06/19/13 16:40	79-00-5	
Trichloroethene	**0.0035U**	mg/kg	0.0063	0.0035	1		06/19/13 16:40	79-01-6	

REPORT OF LABORATORY ANALYSIS

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Date: 06/20/2013 06:39 PM

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Pace Analytical Services, Inc.
3610 Park Central Blvd N
Pompano Beach, FL 33064
954-582-4300

ANALYTICAL RESULTS

Project: 1363-E
Pace Project No.: 3597165

Sample: AC02871 293566 **Lab ID: 3597165008** Collected: 06/14/13 10:45 Received: 06/18/13 00:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Trichlorofluoromethane	**0.0034U**	mg/kg	0.0063	0.0034	1		06/19/13 16:40	75-69-4	
1,2,3-Trichloropropane	**0.0031U**	mg/kg	0.0063	0.0031	1		06/19/13 16:40	96-18-4	
Vinyl acetate	**0.0032U**	mg/kg	0.0063	0.0032	1		06/19/13 16:40	108-05-4	
Vinyl chloride	**0.0034U**	mg/kg	0.0063	0.0034	1		06/19/13 16:40	75-01-4	
Xylene (Total)	**0.0065U**	mg/kg	0.019	0.0065	1		06/19/13 16:40	1330-20-7	
m&p-Xylene	**0.0065U**	mg/kg	0.013	0.0065	1		06/19/13 16:40	179601-23-1	
o-Xylene	**0.0032U**	mg/kg	0.0063	0.0032	1		06/19/13 16:40	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	112	%	55-148		1		06/19/13 16:40	460-00-4	
Dibromofluoromethane (S)	83	%	82-115		1		06/19/13 16:40	1868-53-7	
1,2-Dichloroethane-d4 (S)	82	%	80-131		1		06/19/13 16:40	17060-07-0	
Toluene-d8 (S)	102	%	84-117		1		06/19/13 16:40	2037-26-5	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**23.0**	%	0.10	0.10	1		06/19/13 02:52		

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Date: 06/20/2013 06:39 PM

RUSH: 1 day @ < 3 days

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MIAMI-DADE COUNTY, FLORIDA

MIAMI-DADE COUNTY

EPA # FL00025
FL CERT # E46126

Department of Regulatory and Economic Resources

Environmental Resources Management
Office of Laboratory Services
MIAMI, FLORIDA 33130-1510
(305)-375-1851

LABORATORY ANALYSIS RECORD
ENFORCEMENT

Site: Biscayne Landing
Address: 15045 Biscayne Blvd.
Sampler: D. CAMACHO & E. GONZALEZ/ EMRD
Return Analysis: L. Bucknor / DC / EG / EMRD
C.C# 992511 Permit # _____ Phone: 6700

Sample # : 293567

Date : 6/14/13 **Time :** 10:50

Collection Point : File - 1 Composite

Observation/Known Hazards:

14 JUN 18 14:55

AC02864

Clock-In Date/Inspector	Sign By Inspector	*Sign By Lab Custodian	*Laboratory ID # (Ref #)	*Temp.(° C) upon Rec. (Iced?)
				7.3

Return For TCLP / SPLP?

Clock-In Date/Inspector	Date Requested _____	*Laboratory ID # / Fridge #	*Laboratory ID # / Fridge #

*Take-Out Date/ RER Lab

*Returned-Date/ RER Lab

*Take-Out Date/ RER Lab

*Returned-Date/ RER Lab

*Take-Out Date/ RER Lab

*Sample Disposal Date

*Extracted By / Date

*Analyzed By / Date

Requirements: SDWA __ NPDES __ Other __

Matrix: H2O __ Soil/Sludge __ Product __ Layer __ Sewage __ Other _____

Preservation: None ✓ Acid __ Base __ Thermal : Iced ✓ No Iced __

Sample Bottle Prepared Lot # : _____ Picked-Up Date By Inspector: 6/12/13

Split Sample? Yes X No __ Consultant/Lab: SCS ES / Jupiter

Test(s) Run/Method #	Test(s) Run/Method #
8 RCRA Metals, Al, Fe and TCLP	

RECEIVED
JUL 24 2013
DERM
POLLUTION CONTROL DIVISION

Relinquished To: **Contract Lab June 14, 2013

Delivered By / Date:

Received By / Date: 6/18/13

Extracted By / Date: JTJ, DRS 6/19/13 6/19/13

Analyzed By / Date: JTJ, DRJ 6/20/13 6/19/13

Returned By / Date: JUL 22 2013

Comments 10 point composite

* By RER Lab ** By Contract Lab

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Pompano Beach, FL 33064
954-582-4300

ANALYTICAL RESULTS

Project: 1363-E
Pace Project No.: 3597165

Sample: AC02864 293567 **Lab ID: 3597165004** Collected: 06/14/13 10:50 Received: 06/18/13 00:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Aluminum	**9250**	mg/kg	6.5	3.2	1	06/19/13 13:25	06/20/13 09:39	7429-90-5	
Arsenic	**2.3**	mg/kg	0.65	0.32	1	06/19/13 13:25	06/20/13 09:39	7440-38-2	
Barium	**79.4**	mg/kg	0.65	0.32	1	06/19/13 13:25	06/20/13 09:39	7440-39-3	
Cadmium	**0.060 I**	mg/kg	0.065	0.032	1	06/19/13 13:25	06/20/13 09:39	7440-43-9	
Chromium	**5.9**	mg/kg	0.32	0.16	1	06/19/13 13:25	06/20/13 09:39	7440-47-3	
Iron	**1910**	mg/kg	2.6	1.3	1	06/19/13 13:25	06/20/13 09:39	7439-89-6	
Lead	**15.1**	mg/kg	0.65	0.32	1	06/19/13 13:25	06/20/13 09:39	7439-92-1	
Magnesium	**3970**	mg/kg	32.4	16.2	1	06/19/13 13:25	06/20/13 09:39	7439-95-4	
Selenium	**0.49U**	mg/kg	0.97	0.49	1	06/19/13 13:25	06/20/13 09:39	7782-49-2	
Silver	**0.16U**	mg/kg	0.32	0.16	1	06/19/13 13:25	06/20/13 09:39	7440-22-4	
6010 MET ICP, SPLP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
	Leachate Method/Date: EPA 1312; 06/19/13 08:07								
Aluminum	**9.3**	mg/L	0.10	0.050	1	06/20/13 04:37	06/20/13 08:42	7429-90-5	
Arsenic	**0.0050U**	mg/L	0.010	0.0050	1	06/20/13 04:37	06/20/13 08:42	7440-38-2	
Barium	**0.074**	mg/L	0.010	0.0050	1	06/20/13 04:37	06/20/13 08:42	7440-39-3	1p,V
Cadmium	**0.00050U**	mg/L	0.0010	0.00050	1	06/20/13 04:37	06/20/13 08:42	7440-43-9	
Chromium	**0.0025U**	mg/L	0.0050	0.0025	1	06/20/13 04:37	06/20/13 08:42	7440-47-3	
Iron	**0.020U**	mg/L	0.040	0.020	1	06/20/13 04:37	06/20/13 08:42	7439-89-6	
Lead	**0.0050U**	mg/L	0.010	0.0050	1	06/20/13 04:37	06/20/13 08:42	7439-92-1	
Magnesium	**0.25U**	mg/L	0.50	0.25	1	06/20/13 04:37	06/20/13 08:42	7439-95-4	
Selenium	**0.0075U**	mg/L	0.015	0.0075	1	06/20/13 04:37	06/20/13 08:42	7782-49-2	
Silver	**0.0025U**	mg/L	0.0050	0.0025	1	06/20/13 04:37	06/20/13 08:42	7440-22-4	
7470 Mercury, SPLP	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
	Leachate Method/Date: EPA 1312; 06/19/13 08:07								
Mercury	**0.00010U**	mg/L	0.00020	0.00010	1	06/20/13 04:41	06/20/13 09:22	7439-97-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	**0.0083 I**	mg/kg	0.010	0.0052	1	06/19/13 09:52	06/19/13 15:04	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**23.6**	%	0.10	0.10	1		06/19/13 02:52		

REPORT OF LABORATORY ANALYSIS

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Date: 06/20/2013 06:39 PM

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MIAMI-DADE COUNTY, FLORIDA RUSH: 1 day (2) < 3 days

MIAMI-DADE COUNTY

EPA # FL00025
FL CERT # E46126

Department of Regulatory and Economic Resources
Environmental Resources Management
Office of Laboratory Services
MIAMI, FLORIDA 33130-1510
(305)-375-1851

LABORATORY ANALYSIS RECORD
ENFORCEMENT

Site: Biscayne Landing
Address: 15045 Biscayne Blvd.
Sampler: D. CAMACHO & E. GONZALEZ/ EMRD
Return Analysis: L. Bucknor / DC / EG / EMRD
C.C# 992511 Permit # _____ Phone: 6700

Sample # : 293564
Date : 6/14/13 **Time :** 12:10
Collection Point : Pile - 4 Composite
Observation/Known Hazards:

14 JUN 18 14:57

Clock-In Date/Inspector | Sign By Inspector | *Sign By Lab Custodian | *Laboratory ID # AC02865 | *Temp.(° C) upon Rec. 7.3

Ref # | Iced? Y N

Return For TCLP / SPLP?

Clock-In Date/Inspector | Date Requested _____ | *Laboratory ID # / Fridge # | *Laboratory ID # / Fridge #

*Take-Out Date/ RER Lab

*Returned-Date/ RER Lab

*Take-Out Date/ RER Lab

*Returned-Date/ RER Lab

*Take-Out Date/ RER Lab

*Sample Disposal Date

*Extracted By / Date

*Analyzed By / Date

Requirements: SDWA __ NPDES __ Other __
Matrix: H2O __ Soil/Sludge X Product __ Layer __ Sewage __ Other _____
Preservation: None X Acid __ Base __ Thermal : Iced X No Iced __
Sample Bottle Prepared Lot # : _____ Picked-Up Date By Inspector: 6/14/13
Split Sample? Yes X No __ Consultant/Lab: SCS ES / Jupiter

Test(s) Run/Method #	Test(s) Run/Method #
8 RCRA Metals, Al, Fe, Mn	

RECEIVED
JUL 24 2013

Relinquished To: **Contract Lab DERM POLLUTION CONTROL DIVISION June 14, 2013
Delivered By / Date:
Received By / Date: 6/18/13
Extracted By / Date: STS, DRJ 6/19/13, 6/19/13
Analyzed By / Date: STS, DRJ 6/20/13, 6/20/13
Returned By / Date: JUL 22 2013

Comments 9 point composite

* By RER Lab ** By Contract Lab

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Pompano Beach, FL 33064
954-582-4300

ANALYTICAL RESULTS

Project: 1363-E
Pace Project No.: 3597165

Sample: AC02865 293564 **Lab ID: 3597165005** Collected: 06/14/13 12:10 Received: 06/18/13 00:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Aluminum	**8490**	mg/kg	6.5	3.2	1	06/19/13 13:25	06/20/13 10:00	7429-90-5	
Arsenic	**2.2**	mg/kg	0.65	0.32	1	06/19/13 13:25	06/20/13 10:00	7440-38-2	
Barium	**74.3**	mg/kg	0.65	0.32	1	06/19/13 13:25	06/20/13 10:00	7440-39-3	
Cadmium	**0.050 I**	mg/kg	0.065	0.032	1	06/19/13 13:25	06/20/13 10:00	7440-43-9	
Chromium	**5.4**	mg/kg	0.32	0.16	1	06/19/13 13:25	06/20/13 10:00	7440-47-3	
Iron	**1330**	mg/kg	2.6	1.3	1	06/19/13 13:25	06/20/13 10:00	7439-89-6	
Lead	**13.9**	mg/kg	0.65	0.32	1	06/19/13 13:25	06/20/13 10:00	7439-92-1	
Magnesium	**3600**	mg/kg	32.3	16.2	1	06/19/13 13:25	06/20/13 10:00	7439-95-4	
Selenium	**0.48U**	mg/kg	0.97	0.48	1	06/19/13 13:25	06/20/13 10:00	7782-49-2	
Silver	**0.16U**	mg/kg	0.32	0.16	1	06/19/13 13:25	06/20/13 10:00	7440-22-4	
6010 MET ICP, SPLP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
	Leachate Method/Date: EPA 1312; 06/19/13 08:07								
Aluminum	**10.3**	mg/L	0.10	0.050	1	06/20/13 04:37	06/20/13 08:53	7429-90-5	
Arsenic	**0.0050U**	mg/L	0.010	0.0050	1	06/20/13 04:37	06/20/13 08:53	7440-38-2	
Barium	**0.50**	mg/L	0.010	0.0050	1	06/20/13 04:37	06/20/13 08:53	7440-39-3	1p,V
Cadmium	**0.00050U**	mg/L	0.0010	0.00050	1	06/20/13 04:37	06/20/13 08:53	7440-43-9	
Chromium	**0.0035 I**	mg/L	0.0050	0.0025	1	06/20/13 04:37	06/20/13 08:53	7440-47-3	
Iron	**0.10**	mg/L	0.040	0.020	1	06/20/13 04:37	06/20/13 08:53	7439-89-6	
Lead	**0.0050U**	mg/L	0.010	0.0050	1	06/20/13 04:37	06/20/13 08:53	7439-92-1	
Magnesium	**1.2**	mg/L	0.50	0.25	1	06/20/13 04:37	06/20/13 08:53	7439-95-4	
Selenium	**0.0075U**	mg/L	0.015	0.0075	1	06/20/13 04:37	06/20/13 08:53	7782-49-2	
Silver	**0.0025U**	mg/L	0.0050	0.0025	1	06/20/13 04:37	06/20/13 08:53	7440-22-4	
7470 Mercury, SPLP	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
	Leachate Method/Date: EPA 1312; 06/19/13 08:07								
Mercury	**0.00010U**	mg/L	0.00020	0.00010	1	06/20/13 04:41	06/20/13 09:31	7439-97-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	**0.0078 I**	mg/kg	0.010	0.0052	1	06/19/13 09:52	06/19/13 15:06	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**22.0**	%	0.10	0.10	1		06/19/13 02:52		

REPORT OF LABORATORY ANALYSIS

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MIAMI-DADE COUNTY, FLORIDA

RUSH: 1 day (2) < 3 days

MIAMI-DADE COUNTY

EPA # FL00025
FL CERT # E46126

Department of Regulatory and Economic Resources

Environmental Resources Management
Office of Laboratory Services
MIAMI, FLORIDA 33130-1510
(305)-375-1851

LABORATORY ANALYSIS RECORD
ENFORCEMENT

Site: Biscayne Landing
Address: 15045 Biscayne Blvd.
Sampler: D. CAMACHO & E. GONZALEZ/ EMRD
Return Analysis: L. Bucknor / DC / EG / EMRD
C.C# 992511 Permit # _____ Phone: 6700

Sample # : 293563

Date : 6/14/13 **Time :** 12:03

Collection Point :
Pile - 4 ~~Composite~~ DC 6/14/13

Observation/Known Hazards:

14 JUN 16 14:58

Clock-In Date/Inspector	Sign By Inspector	*Sign By Lab Custodian	*Laboratory ID #	*Temp.(° C) upon Rec.
	D. Camacho	Alex	AC02870 (Ref # / Iced? Y N)	7.3

Return For TCLP / SPLP?

Clock-In Date/Inspector	Date Requested	*Laboratory ID # / Fridge #	*Laboratory ID # / Fridge #

*Take-Out Date/ RER Lab

*Returned-Date/ RER Lab

*Take-Out Date/ RER Lab

*Returned-Date/ RER Lab

*Take-Out Date/ RER Lab

*Sample Disposal Date

*Extracted By / Date

*Analyzed By / Date

Requirements: SDWA __ NPDES __ Other __
Matrix: H2O __ Soil/Sludge X Product __ Layer __ Sewage __ Other _____
Preservation: None X Acid X Base __ Thermal : Iced X No Iced __
Sample Bottle Prepared Lot # : _____ Picked-Up Date By Inspector: 6/12/13
Split Sample? Yes X No __ Consultant/Lab: SCS ES / Jupiter

Test(s) Run/Method #	Test(s) Run/Method #
8260 Full List	

RECEIVED
JUL 24 2013
DERM
POLLUTION CONTROL
DIVISION

Relinquished To: **Contract Lab June 14, 2013
Delivered By / Date:
Received By / Date: 6/18/13
Extracted By / Date: JBH 6/19/13
Analyzed By / Date: JBH 6/19/13
Returned By / Date: JUL 22 2013

Comments Discrete Sample

* By RER Lab ** By Contract Lab

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3610 Park Central Blvd N
Pompano Beach, FL 33064
954-582-4300

ANALYTICAL RESULTS

Project: 1363-E
Pace Project No.: 3597165

Sample: AC02870 293563 **Lab ID: 3597165007** Collected: 06/14/13 12:03 Received: 06/18/13 00:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Acetone	**0.042**	mg/kg	0.028	0.014	1		06/19/13 16:13	67-64-1	
Acetonitrile	**0.035U**	mg/kg	0.070	0.035	1		06/19/13 16:13	75-05-8	
Benzene	**0.0036U**	mg/kg	0.0070	0.0036	1		06/19/13 16:13	71-43-2	
Bromochloromethane	**0.0035U**	mg/kg	0.0070	0.0035	1		06/19/13 16:13	74-97-5	
Bromodichloromethane	**0.0035U**	mg/kg	0.0070	0.0035	1		06/19/13 16:13	75-27-4	
Bromoform	**0.0035U**	mg/kg	0.0070	0.0035	1		06/19/13 16:13	75-25-2	
Bromomethane	**0.0035U**	mg/kg	0.0070	0.0035	1		06/19/13 16:13	74-83-9	
2-Butanone (MEK)	**0.0035U**	mg/kg	0.0070	0.0035	1		06/19/13 16:13	78-93-3	
Carbon disulfide	**0.0035U**	mg/kg	0.0070	0.0035	1		06/19/13 16:13	75-15-0	
Carbon tetrachloride	**0.0035U**	mg/kg	0.0070	0.0035	1		06/19/13 16:13	56-23-5	
Chlorobenzene	**0.0035U**	mg/kg	0.0070	0.0035	1		06/19/13 16:13	108-90-7	
Chloroethane	**0.0050U**	mg/kg	0.0070	0.0050	1		06/19/13 16:13	75-00-3	
Chloroform	**0.0041U**	mg/kg	0.0070	0.0041	1		06/19/13 16:13	67-66-3	
Chloromethane	**0.0039U**	mg/kg	0.0070	0.0039	1		06/19/13 16:13	74-87-3	
1,2-Dibromo-3-chloropropane	**0.0035U**	mg/kg	0.0070	0.0035	1		06/19/13 16:13	96-12-8	
Dibromochloromethane	**0.0035U**	mg/kg	0.0070	0.0035	1		06/19/13 16:13	124-48-1	
1,2-Dibromoethane (EDB)	**0.0035U**	mg/kg	0.0070	0.0035	1		06/19/13 16:13	106-93-4	
Dibromomethane	**0.0035U**	mg/kg	0.0070	0.0035	1		06/19/13 16:13	74-95-3	
1,2-Dichlorobenzene	**0.0035U**	mg/kg	0.0070	0.0035	1		06/19/13 16:13	95-50-1	
1,4-Dichlorobenzene	**0.0035U**	mg/kg	0.0070	0.0035	1		06/19/13 16:13	106-46-7	
trans-1,4-Dichloro-2-butene	**0.0035U**	mg/kg	0.0070	0.0035	1		06/19/13 16:13	110-57-6	
1,1-Dichloroethane	**0.0038U**	mg/kg	0.0070	0.0038	1		06/19/13 16:13	75-34-3	
1,2-Dichloroethane	**0.0035U**	mg/kg	0.0070	0.0035	1		06/19/13 16:13	107-06-2	
1,2-Dichloroethene (Total)	**0.0042U**	mg/kg	0.0070	0.0042	1		06/19/13 16:13	540-59-0	
1,1-Dichloroethene	**0.0035U**	mg/kg	0.0070	0.0035	1		06/19/13 16:13	75-35-4	
cis-1,2-Dichloroethene	**0.0035U**	mg/kg	0.0070	0.0035	1		06/19/13 16:13	156-59-2	
trans-1,2-Dichloroethene	**0.0042U**	mg/kg	0.0070	0.0042	1		06/19/13 16:13	156-60-5	
1,2-Dichloropropane	**0.0035U**	mg/kg	0.0070	0.0035	1		06/19/13 16:13	78-87-5	
cis-1,3-Dichloropropene	**0.0035U**	mg/kg	0.0070	0.0035	1		06/19/13 16:13	10061-01-5	
trans-1,3-Dichloropropene	**0.0035U**	mg/kg	0.0070	0.0035	1		06/19/13 16:13	10061-02-6	
Ethylbenzene	**0.0039U**	mg/kg	0.0070	0.0039	1		06/19/13 16:13	100-41-4	
2-Hexanone	**0.0035U**	mg/kg	0.0070	0.0035	1		06/19/13 16:13	591-78-6	
Iodomethane	**0.0035U**	mg/kg	0.0070	0.0035	1		06/19/13 16:13	74-88-4	
Isopropylbenzene (Cumene)	**0.0040U**	mg/kg	0.0070	0.0040	1		06/19/13 16:13	98-82-8	
Methylene Chloride	**0.0035U**	mg/kg	0.0070	0.0035	1		06/19/13 16:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	**0.0035U**	mg/kg	0.0070	0.0035	1		06/19/13 16:13	108-10-1	
Methyl-tert-butyl ether	**0.0035U**	mg/kg	0.0070	0.0035	1		06/19/13 16:13	1634-04-4	
Styrene	**0.0035U**	mg/kg	0.0070	0.0035	1		06/19/13 16:13	100-42-5	
1,1,1,2-Tetrachloroethane	**0.0035U**	mg/kg	0.0070	0.0035	1		06/19/13 16:13	630-20-6	
1,1,2,2-Tetrachloroethane	**0.0035U**	mg/kg	0.0070	0.0035	1		06/19/13 16:13	79-34-5	J(M1)
Tetrachloroethene	**0.0035U**	mg/kg	0.0070	0.0035	1		06/19/13 16:13	127-18-4	
Toluene	**0.0038U**	mg/kg	0.0070	0.0038	1		06/19/13 16:13	108-88-3	
1,1,1-Trichloroethane	**0.0038U**	mg/kg	0.0070	0.0038	1		06/19/13 16:13	71-55-6	
1,1,2-Trichloroethane	**0.0035U**	mg/kg	0.0070	0.0035	1		06/19/13 16:13	79-00-5	
Trichloroethene	**0.0039U**	mg/kg	0.0070	0.0039	1		06/19/13 16:13	79-01-6	J(M1)

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ANALYTICAL RESULTS

Project: 1363-E
Pace Project No.: 3597165

Sample: AC02870 293563 **Lab ID: 3597165007** Collected: 06/14/13 12:03 Received: 06/18/13 00:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Trichlorofluoromethane	**0.0038U**	mg/kg	0.0070	0.0038	1		06/19/13 16:13	75-69-4	
1,2,3-Trichloropropane	**0.0035U**	mg/kg	0.0070	0.0035	1		06/19/13 16:13	96-18-4	
Vinyl acetate	**0.0035U**	mg/kg	0.0070	0.0035	1		06/19/13 16:13	108-05-4	J(M1)
Vinyl chloride	**0.0037U**	mg/kg	0.0070	0.0037	1		06/19/13 16:13	75-01-4	
Xylene (Total)	**0.0084 I**	mg/kg	0.021	0.0071	1		06/19/13 16:13	1330-20-7	
m&p-Xylene	**0.0071U**	mg/kg	0.014	0.0071	1		06/19/13 16:13	179601-23-1	
o-Xylene	**0.0042 I**	mg/kg	0.0070	0.0036	1		06/19/13 16:13	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	112	%	55-148		1		06/19/13 16:13	460-00-4	
Dibromofluoromethane (S)	81	%	82-115		1		06/19/13 16:13	1868-53-7	J(S0)
1,2-Dichloroethane-d4 (S)	81	%	80-131		1		06/19/13 16:13	17060-07-0	
Toluene-d8 (S)	103	%	84-117		1		06/19/13 16:13	2037-26-5	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**21.3**	%	0.10	0.10	1		06/19/13 02:52		

REPORT OF LABORATORY ANALYSIS

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Date: 06/20/2013 06:39 PM

NGSY

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MIAMI-DADE COUNTY, FLORIDA RUSH: 1 day (2) < 3 days

MIAMI-DADE COUNTY

EPA # FL00025
FL CERT # E46126

Department of Regulatory and Economic Resource
Environmental Resources Management
Office of Laboratory Services
MIAMI, FLORIDA 33130-1510
(305)-375-1851

LABORATORY ANALYSIS RECORD ENFORCEMENT

Site: Biscayne Landing
Address: 15045 Biscayne Blvd. .
Sampler: D. CAMACHO & E. GONZALEZ/ EMRD
Return Analysis: L. Bucknor / DC / EG / EMRD
C.C# 992511 Permit # _____ Phone: 6700

Sample # : 293565

Date : 6/14/13 **Time :** 12:08

Collection Point : Pile-4 Composite

Observation/Known Hazards:

AC02868
Ref # Iced?

Clock-In Date/Inspector	Sign By Inspector	*Sign By Lab Custodian	*Laboratory ID #	*Temp.(° C) upon Rec.
14 JUN 13 14:55	[signature]	[signature]	5	7.3

Return For TCLP / SPLP?

Clock-In Date/Inspector | Date Requested _____ | *Laboratory ID # / Fridge # | *Laboratory ID # / Fridge #

*Take-Out Date/ RER Lab

*Returned-Date/ RER Lab

*Take-Out Date/ RER Lab

*Returned-Date/ RER Lab

*Take-Out Date/ RER Lab

*Sample Disposal Date

*Extracted By / Date

*Analyzed By / Date

Requirements: SDWA __ NPDES __ Other __
Matrix: H2O __ Soil/Sludge X Product __ Layer __ Sewage __ Other _____
Preservation: None X Acid __ Base __ Thermal : Iced X No Iced __
Sample Bottle Prepared Lot # : _____ Picked-Up Date By Inspector: 6/12/13
Split Sample? Yes X No __ Consultant/Lab: SCS ES / Jupiter

Test(s) Run/Method #	Test(s) Run/Method #
	RECEIVED
TRPH and 8270 FULL List	JUL 24 2013
(FLPRO)	DERM POLLUTION CONTROL DIVISION

Relinquished To: **Contract Lab June 14, 2013
Delivered By / Date:
Received By / Date: 6/18/13 @
Extracted By / Date: TWB, IRL 6/18/13, 6/19/13 @
Analyzed By / Date: TWB, IRL 6/19/13, 6/20/13 @
Returned By / Date: JUL 22 2013

Comments 9 point composite

* By RER Lab ** By Contract Lab

Pace Analytical Services, Inc.
3610 Park Central Blvd N
Pompano Beach, FL 33064
954-582-4300

ANALYTICAL RESULTS

Project: 1363-E
Pace Project No.: 3597165

Sample: AC02868 293565 **Lab ID: 3597165002** Collected: 06/14/13 12:08 Received: 06/18/13 00:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
FL-PRO Soil Microwave	Analytical Method: FL-PRO Preparation Method: EPA 3546								
Petroleum Range Organics	**3.3U**	mg/kg	5.2	3.3	1	06/18/13 23:30	06/19/13 14:41		
Surrogates									
o-Terphenyl (S)	109	%	62-109		1	06/18/13 23:30	06/19/13 14:41	84-15-1	
N-Pentatriacontane (S)	107	%	42-159		1	06/18/13 23:30	06/19/13 14:41	630-07-09	
8270 MSSV Full List Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	**0.016U**	mg/kg	0.043	0.016	1	06/19/13 11:05	06/20/13 12:52	83-32-9	
Acenaphthylene	**0.013U**	mg/kg	0.043	0.013	1	06/19/13 11:05	06/20/13 12:52	208-96-8	
Aniline	**0.039U**	mg/kg	0.22	0.039	1	06/19/13 11:05	06/20/13 12:52	62-53-3	
Anthracene	**0.013U**	mg/kg	0.043	0.013	1	06/19/13 11:05	06/20/13 12:52	120-12-7	
Benzo(a)anthracene	**0.035 I**	mg/kg	0.043	0.012	1	06/19/13 11:05	06/20/13 12:52	56-55-3	
Benzo(a)pyrene	**0.030 I**	mg/kg	0.043	0.0050	1	06/19/13 11:05	06/20/13 12:52	50-32-8	
Benzo(b)fluoranthene	**0.051**	mg/kg	0.043	0.032	1	06/19/13 11:05	06/20/13 12:52	205-99-2	
Benzo(g,h,i)perylene	**0.028 I**	mg/kg	0.043	0.015	1	06/19/13 11:05	06/20/13 12:52	191-24-2	
Benzo(k)fluoranthene	**0.0093U**	mg/kg	0.043	0.0093	1	06/19/13 11:05	06/20/13 12:52	207-08-9	
Benzyl alcohol	**0.039U**	mg/kg	0.22	0.039	1	06/19/13 11:05	06/20/13 12:52	100-51-6	
4-Bromophenylphenyl ether	**0.025U**	mg/kg	0.22	0.025	1	06/19/13 11:05	06/20/13 12:52	101-55-3	
Butylbenzylphthalate	**0.025U**	mg/kg	0.22	0.025	1	06/19/13 11:05	06/20/13 12:52	85-68-7	
4-Chloro-3-methylphenol	**0.027U**	mg/kg	0.87	0.027	1	06/19/13 11:05	06/20/13 12:52	59-50-7	
4-Chloroaniline	**0.036U**	mg/kg	0.22	0.036	1	06/19/13 11:05	06/20/13 12:52	106-47-8	
bis(2-Chloroethoxy)methane	**0.035U**	mg/kg	0.22	0.035	1	06/19/13 11:05	06/20/13 12:52	111-91-1	
bis(2-Chloroethyl) ether	**0.034U**	mg/kg	0.22	0.034	1	06/19/13 11:05	06/20/13 12:52	111-44-4	
bis(2-Chloroisopropyl) ether	**0.035U**	mg/kg	0.22	0.035	1	06/19/13 11:05	06/20/13 12:52	108-60-1	
2-Chloronaphthalene	**0.039U**	mg/kg	0.22	0.039	1	06/19/13 11:05	06/20/13 12:52	91-58-7	
2-Chlorophenol	**0.033U**	mg/kg	0.22	0.033	1	06/19/13 11:05	06/20/13 12:52	95-57-8	
4-Chlorophenylphenyl ether	**0.028U**	mg/kg	0.22	0.028	1	06/19/13 11:05	06/20/13 12:52	7005-72-3	
Chrysene	**0.035 I**	mg/kg	0.043	0.015	1	06/19/13 11:05	06/20/13 12:52	218-01-9	
Dibenz(a,h)anthracene	**0.012U**	mg/kg	0.043	0.012	1	06/19/13 11:05	06/20/13 12:52	53-70-3	
Dibenzofuran	**0.030U**	mg/kg	0.22	0.030	1	06/19/13 11:05	06/20/13 12:52	132-64-9	
1,2-Dichlorobenzene	**0.033U**	mg/kg	0.22	0.033	1	06/19/13 11:05	06/20/13 12:52	95-50-1	
1,3-Dichlorobenzene	**0.031U**	mg/kg	0.22	0.031	1	06/19/13 11:05	06/20/13 12:52	541-73-1	
1,4-Dichlorobenzene	**0.032U**	mg/kg	0.22	0.032	1	06/19/13 11:05	06/20/13 12:52	106-46-7	
3,3'-Dichlorobenzidine	**0.023U**	mg/kg	0.87	0.023	1	06/19/13 11:05	06/20/13 12:52	91-94-1	
2,4-Dichlorophenol	**0.030U**	mg/kg	0.22	0.030	1	06/19/13 11:05	06/20/13 12:52	120-83-2	
Diethylphthalate	**0.030U**	mg/kg	0.22	0.030	1	06/19/13 11:05	06/20/13 12:52	84-66-2	
2,4-Dimethylphenol	**0.040U**	mg/kg	0.22	0.040	1	06/19/13 11:05	06/20/13 12:52	105-67-9	
Dimethylphthalate	**0.023U**	mg/kg	0.22	0.023	1	06/19/13 11:05	06/20/13 12:52	131-11-3	
Di-n-butylphthalate	**0.028U**	mg/kg	0.22	0.028	1	06/19/13 11:05	06/20/13 12:52	84-74-2	
4,6-Dinitro-2-methylphenol	**0.024U**	mg/kg	0.87	0.024	1	06/19/13 11:05	06/20/13 12:52	534-52-1	
2,4-Dinitrophenol	**0.064U**	mg/kg	0.87	0.064	1	06/19/13 11:05	06/20/13 12:52	51-28-5	
2,4-Dinitrotoluene	**0.027U**	mg/kg	0.22	0.027	1	06/19/13 11:05	06/20/13 12:52	121-14-2	
2,6-Dinitrotoluene	**0.022U**	mg/kg	0.22	0.022	1	06/19/13 11:05	06/20/13 12:52	606-20-2	
Di-n-octylphthalate	**0.023U**	mg/kg	0.22	0.023	1	06/19/13 11:05	06/20/13 12:52	117-84-0	
1,2-Diphenylhydrazine	**0.023U**	mg/kg	0.22	0.023	1	06/19/13 11:05	06/20/13 12:52	122-66-7	
bis(2-Ethylhexyl)phthalate	**0.032U**	mg/kg	0.22	0.032	1	06/19/13 11:05	06/20/13 12:52	117-81-7	

REPORT OF LABORATORY ANALYSIS

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Date: 06/20/2013 06:39 PM

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Pompano Beach, FL 33064
954-582-4300

ANALYTICAL RESULTS

Project: 1363-E
Pace Project No.: 3597165

Sample: AC02868 293565 **Lab ID: 3597165002** Collected: 06/14/13 12:08 Received: 06/18/13 00:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Fluoranthene	**0.063**	mg/kg	0.043	0.014	1	06/19/13 11:05	06/20/13 12:52	206-44-0	
Fluorene	**0.019U**	mg/kg	0.043	0.019	1	06/19/13 11:05	06/20/13 12:52	86-73-7	
Hexachloro-1,3-butadiene	**0.031U**	mg/kg	0.22	0.031	1	06/19/13 11:05	06/20/13 12:52	87-68-3	
Hexachlorobenzene	**0.025U**	mg/kg	0.22	0.025	1	06/19/13 11:05	06/20/13 12:52	118-74-1	
Hexachlorocyclopentadiene	**0.054U**	mg/kg	0.87	0.054	1	06/19/13 11:05	06/20/13 12:52	77-47-4	
Hexachloroethane	**0.040U**	mg/kg	0.22	0.040	1	06/19/13 11:05	06/20/13 12:52	67-72-1	
Indeno(1,2,3-cd)pyrene	**0.023 I**	mg/kg	0.043	0.017	1	06/19/13 11:05	06/20/13 12:52	193-39-5	
Isophorone	**0.033U**	mg/kg	0.22	0.033	1	06/19/13 11:05	06/20/13 12:52	78-59-1	
1-Methylnaphthalene	**0.015U**	mg/kg	0.043	0.015	1	06/19/13 11:05	06/20/13 12:52	90-12-0	
2-Methylnaphthalene	**0.017U**	mg/kg	0.043	0.017	1	06/19/13 11:05	06/20/13 12:52	91-57-6	
2-Methylphenol(o-Cresol)	**0.032U**	mg/kg	0.22	0.032	1	06/19/13 11:05	06/20/13 12:52	95-48-7	
3&4-Methylphenol(m&p Cresol)	**0.066U**	mg/kg	0.22	0.066	1	06/19/13 11:05	06/20/13 12:52		
Naphthalene	**0.014U**	mg/kg	0.043	0.014	1	06/19/13 11:05	06/20/13 12:52	91-20-3	
2-Nitroaniline	**0.057U**	mg/kg	0.22	0.057	1	06/19/13 11:05	06/20/13 12:52	88-74-4	
3-Nitroaniline	**0.024U**	mg/kg	0.22	0.024	1	06/19/13 11:05	06/20/13 12:52	99-09-2	
4-Nitroaniline	**0.038U**	mg/kg	0.22	0.038	1	06/19/13 11:05	06/20/13 12:52	100-01-6	
Nitrobenzene	**0.035U**	mg/kg	0.22	0.035	1	06/19/13 11:05	06/20/13 12:52	98-95-3	
2-Nitrophenol	**0.036U**	mg/kg	0.22	0.036	1	06/19/13 11:05	06/20/13 12:52	88-75-5	
4-Nitrophenol	**0.033U**	mg/kg	0.22	0.033	1	06/19/13 11:05	06/20/13 12:52	100-02-7	
N-Nitrosodimethylamine	**0.033U**	mg/kg	0.22	0.033	1	06/19/13 11:05	06/20/13 12:52	62-75-9	
N-Nitroso-di-n-propylamine	**0.031U**	mg/kg	0.22	0.031	1	06/19/13 11:05	06/20/13 12:52	621-64-7	
N-Nitrosodiphenylamine	**0.027U**	mg/kg	0.22	0.027	1	06/19/13 11:05	06/20/13 12:52	86-30-6	
Pentachlorophenol	**0.028U**	mg/kg	0.87	0.028	1	06/19/13 11:05	06/20/13 12:52	87-86-5	
Phenanthrene	**0.030 I**	mg/kg	0.043	0.016	1	06/19/13 11:05	06/20/13 12:52	85-01-8	
Phenol	**0.041U**	mg/kg	0.22	0.041	1	06/19/13 11:05	06/20/13 12:52	108-95-2	
Pyrene	**0.046**	mg/kg	0.043	0.013	1	06/19/13 11:05	06/20/13 12:52	129-00-0	
1,2,4-Trichlorobenzene	**0.037U**	mg/kg	0.22	0.037	1	06/19/13 11:05	06/20/13 12:52	120-82-1	
2,4,5-Trichlorophenol	**0.029U**	mg/kg	0.22	0.029	1	06/19/13 11:05	06/20/13 12:52	95-95-4	
2,4,6-Trichlorophenol	**0.033U**	mg/kg	0.22	0.033	1	06/19/13 11:05	06/20/13 12:52	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	24	%	10-110		1	06/19/13 11:05	06/20/13 12:52	4165-60-0	
2-Fluorobiphenyl (S)	65	%	18-110		1	06/19/13 11:05	06/20/13 12:52	321-60-8	
Terphenyl-d14 (S)	64	%	10-123		1	06/19/13 11:05	06/20/13 12:52	1718-51-0	
Phenol-d6 (S)	34	%	10-110		1	06/19/13 11:05	06/20/13 12:52	13127-88-3	
2-Fluorophenol (S)	8	%	18-110		1	06/19/13 11:05	06/20/13 12:52	367-12-4	J(S5)
2,4,6-Tribromophenol (S)	3	%	10-110		1	06/19/13 11:05	06/20/13 12:52	118-79-6	J(S5)
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**22.9**	%	0.10	0.10	1		06/19/13 02:49		

REPORT OF LABORATORY ANALYSIS

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MIAMI-DADE COUNTY, FLORIDA

RUSH: 1 day (2) < 3 days

Department of Regulatory and Economic Resources

Environmental Resources Management
Office of Laboratory Services
MIAMI, FLORIDA 33130-1510
(305)-375-1851

EPA # FL00025
FL CERT # E46126

LABORATORY ANALYSIS RECORD
ENFORCEMENT

Sample # : **293562**

Site: Biscayne Landing
Address: 15045 Biscayne Blvd.
Sampler: D. CAMACHO & E. GONZALEZ/ EMRD
Return Analysis: L. Bucknor / DC / EG / EMRD
C.C# 992511 Permit # _____ Phone: 6700

Date : 6/14/13 Time : 13:51

Collection Point : Pile-6 Composite

Observation/Known Hazards:

14 JUN '13 14:59

AC02866

Ref # Iced? 7.3

Clock-In Date/Inspector	Sign By Inspector	*Sign By Lab Custodian	*Laboratory ID #	*Temp.(° C) upon Rec.

Return For TCLP / SPLP?

Clock-In Date/Inspector	Date Requested _____	*Laboratory ID # / Fridge #	*Laboratory ID # / Fridge #

*Take-Out Date/ RER Lab

*Returned-Date/ RER Lab

*Take-Out Date/ RER Lab

*Returned-Date/ RER Lab

*Take-Out Date/ RER Lab

*Sample Disposal Date

*Extracted By / Date

*Analyzed By / Date

Requirements: SDWA __ NPDES __ Other __

Matrix: H2O __ Soil/Sludge __ Product __ Layer __ Sewage __ Other _____

Preservation: None ✓ Acid __ Base __ Thermal : Iced ✓ No Iced __

Sample Bottle Prepared Lot # : —

Picked-Up Date By Inspector: 6/12/13

Split Sample? Yes ✓ No __ Consultant/Lab: SCS ER / Jupiter

Test(s) Run/Method #	Test(s) Run/Method #
8 RCRA Metals, Al, Fe, Mn	

RECEIVED
JUL 24 2013
DERM
POLLUTION CONTROL DIVISION

Relinquished To: **Contract Lab June 14, 2013

Delivered By / Date: _____

Received By / Date: 6/18/13

Extracted By / Date: JTS, DRS 6/19/13, 6/20/13

Analyzed By / Date: JTS, DRS 6/19/13 6/20/13

Returned By / Date: JUL 22 2013

Comments 11 composite samples

* By RER Lab ** By Contract Lab

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Pompano Beach, FL 33064
954-582-4300

ANALYTICAL RESULTS

Project: 1363-E
Pace Project No.: 3597165

Sample: AC02866 293562 **Lab ID: 3597165006** Collected: 06/14/13 13:51 Received: 06/18/13 00:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Aluminum	**17400**	mg/kg	13.9	7.0	1	06/19/13 13:25	06/20/13 10:03	7429-90-5	
Arsenic	**5.9**	mg/kg	1.4	0.70	1	06/19/13 13:25	06/20/13 10:03	7440-38-2	
Barium	**165**	mg/kg	1.4	0.70	1	06/19/13 13:25	06/20/13 10:03	7440-39-3	
Cadmium	**0.12 I**	mg/kg	0.14	0.070	1	06/19/13 13:25	06/20/13 10:03	7440-43-9	
Chromium	**12.7**	mg/kg	0.70	0.35	1	06/19/13 13:25	06/20/13 10:03	7440-47-3	
Iron	**3670**	mg/kg	5.6	2.8	1	06/19/13 13:25	06/20/13 10:03	7439-89-6	
Lead	**29.4**	mg/kg	1.4	0.70	1	06/19/13 13:25	06/20/13 10:03	7439-92-1	
Magnesium	**7730**	mg/kg	69.6	34.8	1	06/19/13 13:25	06/20/13 10:03	7439-95-4	
Selenium	**1.0U**	mg/kg	2.1	1.0	1	06/19/13 13:25	06/20/13 10:03	7782-49-2	
Silver	**0.35U**	mg/kg	0.70	0.35	1	06/19/13 13:25	06/20/13 10:03	7440-22-4	
6010 MET ICP, SPLP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
	Leachate Method/Date: EPA 1312; 06/19/13 08:07								
Aluminum	**7.8**	mg/L	0.10	0.050	1	06/20/13 04:37	06/20/13 08:56	7429-90-5	
Arsenic	**0.0050U**	mg/L	0.010	0.0050	1	06/20/13 04:37	06/20/13 08:56	7440-38-2	
Barium	**0.39**	mg/L	0.010	0.0050	1	06/20/13 04:37	06/20/13 08:56	7440-39-3	1p,V
Cadmium	**0.00050U**	mg/L	0.0010	0.00050	1	06/20/13 04:37	06/20/13 08:56	7440-43-9	
Chromium	**0.0025U**	mg/L	0.0050	0.0025	1	06/20/13 04:37	06/20/13 08:56	7440-47-3	
Iron	**0.055**	mg/L	0.040	0.020	1	06/20/13 04:37	06/20/13 08:56	7439-89-6	
Lead	**0.0050U**	mg/L	0.010	0.0050	1	06/20/13 04:37	06/20/13 08:56	7439-92-1	
Magnesium	**0.60**	mg/L	0.50	0.25	1	06/20/13 04:37	06/20/13 08:56	7439-95-4	
Selenium	**0.0075U**	mg/L	0.015	0.0075	1	06/20/13 04:37	06/20/13 08:56	7782-49-2	
Silver	**0.0025U**	mg/L	0.0050	0.0025	1	06/20/13 04:37	06/20/13 08:56	7440-22-4	
7470 Mercury, SPLP	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
	Leachate Method/Date: EPA 1312; 06/19/13 08:07								
Mercury	**0.00010U**	mg/L	0.00020	0.00010	1	06/20/13 04:41	06/20/13 09:33	7439-97-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	**0.0085 I**	mg/kg	0.011	0.0053	1	06/19/13 09:52	06/19/13 15:08	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**25.8**	%	0.10	0.10	1		06/19/13 02:52		

REPORT OF LABORATORY ANALYSIS

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MIAMI-DADE COUNTY, FLORIDA

RUSH: 1 day (2) < 3 days

MIAMI-DADE COUNTY

EPA # FL00025
FL CERT # E46126

Department of Regulatory and Economic Resources

Environmental Resources Management
Office of Laboratory Services
MIAMI, FLORIDA 33130-1510
(305)-375-1851

LABORATORY ANALYSIS RECORD
ENFORCEMENT

Site: Biscayne Landing
Address: 15045 Biscayne Blvd.
Sampler: D. CAMACHO & E. GONZALEZ/ EMRD
Return Analysis: L. Bucknor / DC / EG / EMRD
C.C# 992511 Permit # _____ Phone: 6700

Sample # : 293570

Date : 6/14/13 **Time :** 13:48

Collection Point : Pile-6

Observation/Known Hazards:

14 JUN 13 14:55

Clock-In Date/Inspector | Sign By Inspector | *Sign By Lab Custodian | *Laboratory ID # | *Temp.(° C) upon Rec.

AC02872 (Ref #) Iced? ✓ 7.3

Return For TCLP / SPLP?

Clock-In Date/Inspector | Date Requested _____ | *Laboratory ID # / Fridge # | *Laboratory ID # / Fridge #

*Take-Out Date/ RER Lab

*Returned-Date/ RER Lab

*Take-Out Date/ RER Lab

*Returned-Date/ RER Lab

*Take-Out Date/ RER Lab

*Sample Disposal Date

*Extracted By / Date

*Analyzed By / Date

Requirements: SDWA __ NPDES __ Other __

Matrix: H2O __ Soil/Sludge __ Product __ Layer __ Sewage __ Other _____

Preservation: None __ Acid ✓ Base __ Thermal : Iced ✓ No Iced __

Sample Bottle Prepared Lot # : —

Picked-Up Date By Inspector: 6/12/13

Split Sample? Yes ✓ No __ Consultant/Lab: SCS CES / Jupiter

Test(s) Run/Method #	Test(s) Run/Method #
8260 Full List	

RECEIVED
JUL 24 2013
DERM
POLLUTION CONTROL DIVISION

Relinquished To: **Contract Lab _____ June 14, 2013

Delivered By / Date: _____

Received By / Date: 6/18/13

Extracted By / Date: DRS 6/19/13

Analyzed By / Date: DRS 6/19/13

Returned By / Date: JUL 22 2013

Comments Discrete Sample

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ANALYTICAL RESULTS

Project: 1363-E
Pace Project No.: 3597165

Sample: AC02872 293570 **Lab ID: 3597165009** Collected: 06/14/13 13:48 Received: 06/18/13 00:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Acetone	**0.091**	mg/kg	0.028	0.014	1		06/19/13 17:07	67-64-1	
Acetonitrile	**0.035U**	mg/kg	0.071	0.035	1		06/19/13 17:07	75-05-8	
Benzene	**0.0036U**	mg/kg	0.0071	0.0036	1		06/19/13 17:07	71-43-2	
Bromochloromethane	**0.0035U**	mg/kg	0.0071	0.0035	1		06/19/13 17:07	74-97-5	
Bromodichloromethane	**0.0035U**	mg/kg	0.0071	0.0035	1		06/19/13 17:07	75-27-4	
Bromoform	**0.0035U**	mg/kg	0.0071	0.0035	1		06/19/13 17:07	75-25-2	
Bromomethane	**0.0035U**	mg/kg	0.0071	0.0035	1		06/19/13 17:07	74-83-9	
2-Butanone (MEK)	**0.0035U**	mg/kg	0.0071	0.0035	1		06/19/13 17:07	78-93-3	
Carbon disulfide	**0.0035U**	mg/kg	0.0071	0.0035	1		06/19/13 17:07	75-15-0	
Carbon tetrachloride	**0.0035U**	mg/kg	0.0071	0.0035	1		06/19/13 17:07	56-23-5	
Chlorobenzene	**0.0035U**	mg/kg	0.0071	0.0035	1		06/19/13 17:07	108-90-7	
Chloroethane	**0.0051U**	mg/kg	0.0071	0.0051	1		06/19/13 17:07	75-00-3	
Chloroform	**0.0042U**	mg/kg	0.0071	0.0042	1		06/19/13 17:07	67-66-3	
Chloromethane	**0.0040U**	mg/kg	0.0071	0.0040	1		06/19/13 17:07	74-87-3	
1,2-Dibromo-3-chloropropane	**0.0035U**	mg/kg	0.0071	0.0035	1		06/19/13 17:07	96-12-8	
Dibromochloromethane	**0.0035U**	mg/kg	0.0071	0.0035	1		06/19/13 17:07	124-48-1	
1,2-Dibromoethane (EDB)	**0.0035U**	mg/kg	0.0071	0.0035	1		06/19/13 17:07	106-93-4	
Dibromomethane	**0.0035U**	mg/kg	0.0071	0.0035	1		06/19/13 17:07	74-95-3	
1,2-Dichlorobenzene	**0.0035U**	mg/kg	0.0071	0.0035	1		06/19/13 17:07	95-50-1	
1,4-Dichlorobenzene	**0.0035U**	mg/kg	0.0071	0.0035	1		06/19/13 17:07	106-46-7	
trans-1,4-Dichloro-2-butene	**0.0035U**	mg/kg	0.0071	0.0035	1		06/19/13 17:07	110-57-6	
1,1-Dichloroethane	**0.0039U**	mg/kg	0.0071	0.0039	1		06/19/13 17:07	75-34-3	
1,2-Dichloroethane	**0.0035U**	mg/kg	0.0071	0.0035	1		06/19/13 17:07	107-06-2	
1,2-Dichloroethene (Total)	**0.0043U**	mg/kg	0.0071	0.0043	1		06/19/13 17:07	540-59-0	
1,1-Dichloroethene	**0.0035U**	mg/kg	0.0071	0.0035	1		06/19/13 17:07	75-35-4	
cis-1,2-Dichloroethene	**0.0035U**	mg/kg	0.0071	0.0035	1		06/19/13 17:07	156-59-2	
trans-1,2-Dichloroethene	**0.0043U**	mg/kg	0.0071	0.0043	1		06/19/13 17:07	156-60-5	
1,2-Dichloropropane	**0.0035U**	mg/kg	0.0071	0.0035	1		06/19/13 17:07	78-87-5	
cis-1,3-Dichloropropene	**0.0035U**	mg/kg	0.0071	0.0035	1		06/19/13 17:07	10061-01-5	
trans-1,3-Dichloropropene	**0.0035U**	mg/kg	0.0071	0.0035	1		06/19/13 17:07	10061-02-6	
Ethylbenzene	**0.0040U**	mg/kg	0.0071	0.0040	1		06/19/13 17:07	100-41-4	
2-Hexanone	**0.0035U**	mg/kg	0.0071	0.0035	1		06/19/13 17:07	591-78-6	
Iodomethane	**0.0035U**	mg/kg	0.0071	0.0035	1		06/19/13 17:07	74-88-4	
Isopropylbenzene (Cumene)	**0.0041U**	mg/kg	0.0071	0.0041	1		06/19/13 17:07	98-82-8	
Methylene Chloride	**0.0035U**	mg/kg	0.0071	0.0035	1		06/19/13 17:07	75-09-2	
4-Methyl-2-pentanone (MIBK)	**0.0035U**	mg/kg	0.0071	0.0035	1		06/19/13 17:07	108-10-1	
Methyl-tert-butyl ether	**0.0035U**	mg/kg	0.0071	0.0035	1		06/19/13 17:07	1634-04-4	
Styrene	**0.0035U**	mg/kg	0.0071	0.0035	1		06/19/13 17:07	100-42-5	
1,1,1,2-Tetrachloroethane	**0.0035U**	mg/kg	0.0071	0.0035	1		06/19/13 17:07	630-20-6	
1,1,2,2-Tetrachloroethane	**0.0035U**	mg/kg	0.0071	0.0035	1		06/19/13 17:07	79-34-5	
Tetrachloroethene	**0.0035U**	mg/kg	0.0071	0.0035	1		06/19/13 17:07	127-18-4	
Toluene	**0.0038U**	mg/kg	0.0071	0.0038	1		06/19/13 17:07	108-88-3	
1,1,1-Trichloroethane	**0.0039U**	mg/kg	0.0071	0.0039	1		06/19/13 17:07	71-55-6	
1,1,2-Trichloroethane	**0.0035U**	mg/kg	0.0071	0.0035	1		06/19/13 17:07	79-00-5	
Trichloroethene	**0.0040U**	mg/kg	0.0071	0.0040	1		06/19/13 17:07	79-01-6	

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ANALYTICAL RESULTS

Project: 1363-E
Pace Project No.: 3597165

Sample: AC02872 293570 **Lab ID: 3597165009** Collected: 06/14/13 13:48 Received: 06/18/13 00:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Trichlorofluoromethane	**0.0039U**	mg/kg	0.0071	0.0039	1		06/19/13 17:07	75-69-4	
1,2,3-Trichloropropane	**0.0035U**	mg/kg	0.0071	0.0035	1		06/19/13 17:07	96-18-4	
Vinyl acetate	**0.0036U**	mg/kg	0.0071	0.0036	1		06/19/13 17:07	108-05-4	
Vinyl chloride	**0.0038U**	mg/kg	0.0071	0.0038	1		06/19/13 17:07	75-01-4	
Xylene (Total)	**0.0073U**	mg/kg	0.021	0.0073	1		06/19/13 17:07	1330-20-7	
m&p-Xylene	**0.0073U**	mg/kg	0.014	0.0073	1		06/19/13 17:07	179601-23-1	
o-Xylene	**0.0037U**	mg/kg	0.0071	0.0037	1		06/19/13 17:07	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	107	%	55-148		1		06/19/13 17:07	460-00-4	
Dibromofluoromethane (S)	74	%	82-115		1		06/19/13 17:07	1868-53-7	J(S0)
1,2-Dichloroethane-d4 (S)	84	%	80-131		1		06/19/13 17:07	17060-07-0	
Toluene-d8 (S)	102	%	84-117		1		06/19/13 17:07	2037-26-5	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**24.9**	%	0.10	0.10	1		06/19/13 02:52		

REPORT OF LABORATORY ANALYSIS

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MIAMI-DADE COUNTY

EPA # FL00025
FL CERT # E46126

Department of Regulatory and Economic Resource

Environmental Resources Management
Office of Laboratory Services
MIAMI, FLORIDA 33130-1510
(305)-375-1851

LABORATORY ANALYSIS RECORD
ENFORCEMENT

Site: Biscayne Landing
Address: 15045 Biscayne Blvd.
Sampler: D. CAMACHO & E. GONZALEZ/ EMRD
Return Analysis: L. Bucknor / DC / EG / EMRD
C.C# 992511 Permit # _____ Phone: 6700

Sample # : 293569

Date : 6/14/13 **Time :** 13:49

Collection Point : Pile - 6 Composite

Observation/Known Hazards:

14 JUN 13 14:05

Clock-In Date/Inspector	Sign By Inspector	*Sign By Lab Custodian	*Laboratory ID #	*Temp.(° C) upon Rec.
	[signature]	[signature]	AC02869 Ref # Iced?	7.3

Return For TCLP / SPLP?

Clock-In Date/Inspector | Date Requested _____ | *Laboratory ID # / Fridge # | *Laboratory ID # / Fridge #

*Take-Out Date/ RER Lab

*Returned-Date/ RER Lab

*Take-Out Date/ RER Lab

*Returned-Date/ RER Lab

*Take-Out Date/ RER Lab

*Sample Disposal Date

*Extracted By / Date

*Analyzed By / Date

Requirements: SDWA __ NPDES __ Other __

Matrix: H2O __ Soil/Sludge X Product __ Layer __ Sewage __ Other _____

Preservation: None X Acid __ Base __ Thermal : Iced X No Iced __

Sample Bottle Prepared Lot # : —

Picked-Up Date By Inspector: 6/12/13

Split Sample? Yes X No __ Consultant/Lab: SCS ES / Jupiter

Test(s) Run/Method #	Test(s) Run/Method #
	RECEIVED
TRPH and 8270 Full List	JUL 24 2013
(FL-PRO)	DERM POLLUTION CONTROL DIVISION

Relinquished To: **Contract Lab June 14, 2013

Delivered By / Date:

Received By / Date: 6/18/13 (2)

Extracted By / Date: IRL TWB 6/18/13, 6/19 (2)

Analyzed By / Date: IRL TWB 6/19/13, 6/20 (2)

Returned By / Date: JUL 22 2013

Comments 11 point composite

* By RER Lab ** By Contract Lab

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ANALYTICAL RESULTS

Project: 1363-E
Pace Project No.: 3597165

Sample: AC02869 293569 **Lab ID: 3597165003** Collected: 06/14/13 13:49 Received: 06/18/13 00:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
FL-PRO Soil Microwave	Analytical Method: FL-PRO Preparation Method: EPA 3546								
Petroleum Range Organics	**3.4U**	mg/kg	5.4	3.4	1	06/18/13 23:30	06/19/13 15:23		
Surrogates									
o-Terphenyl (S)	101	%	62-109		1	06/18/13 23:30	06/19/13 15:23	84-15-1	
N-Pentatriacontane (S)	95	%	42-159		1	06/18/13 23:30	06/19/13 15:23	630-07-09	
8270 MSSV Full List Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	**0.098U**	mg/kg	0.27	0.098	1	06/19/13 11:05	06/20/13 13:12	83-32-9	
Acenaphthylene	**0.084U**	mg/kg	0.27	0.084	1	06/19/13 11:05	06/20/13 13:12	208-96-8	
Aniline	**0.24U**	mg/kg	1.4	0.24	1	06/19/13 11:05	06/20/13 13:12	62-53-3	
Anthracene	**0.082U**	mg/kg	0.27	0.082	1	06/19/13 11:05	06/20/13 13:12	120-12-7	
Benzo(a)anthracene	**0.078U**	mg/kg	0.27	0.078	1	06/19/13 11:05	06/20/13 13:12	56-55-3	
Benzo(a)pyrene	**0.031U**	mg/kg	0.27	0.031	1	06/19/13 11:05	06/20/13 13:12	50-32-8	
Benzo(b)fluoranthene	**0.20U**	mg/kg	0.27	0.20	1	06/19/13 11:05	06/20/13 13:12	205-99-2	
Benzo(g,h,i)perylene	**0.097U**	mg/kg	0.27	0.097	1	06/19/13 11:05	06/20/13 13:12	191-24-2	
Benzo(k)fluoranthene	**0.058U**	mg/kg	0.27	0.058	1	06/19/13 11:05	06/20/13 13:12	207-08-9	
Benzyl alcohol	**0.24U**	mg/kg	1.4	0.24	1	06/19/13 11:05	06/20/13 13:12	100-51-6	
4-Bromophenylphenyl ether	**0.16U**	mg/kg	1.4	0.16	1	06/19/13 11:05	06/20/13 13:12	101-55-3	
Butylbenzylphthalate	**0.15U**	mg/kg	1.4	0.15	1	06/19/13 11:05	06/20/13 13:12	85-68-7	
4-Chloro-3-methylphenol	**0.17U**	mg/kg	5.4	0.17	1	06/19/13 11:05	06/20/13 13:12	59-50-7	
4-Chloroaniline	**0.23U**	mg/kg	1.4	0.23	1	06/19/13 11:05	06/20/13 13:12	106-47-8	
bis(2-Chloroethoxy)methane	**0.22U**	mg/kg	1.4	0.22	1	06/19/13 11:05	06/20/13 13:12	111-91-1	
bis(2-Chloroethyl) ether	**0.21U**	mg/kg	1.4	0.21	1	06/19/13 11:05	06/20/13 13:12	111-44-4	
bis(2-Chloroisopropyl) ether	**0.22U**	mg/kg	1.4	0.22	1	06/19/13 11:05	06/20/13 13:12	108-60-1	
2-Chloronaphthalene	**0.25U**	mg/kg	1.4	0.25	1	06/19/13 11:05	06/20/13 13:12	91-58-7	
2-Chlorophenol	**0.20U**	mg/kg	1.4	0.20	1	06/19/13 11:05	06/20/13 13:12	95-57-8	
4-Chlorophenylphenyl ether	**0.17U**	mg/kg	1.4	0.17	1	06/19/13 11:05	06/20/13 13:12	7005-72-3	
Chrysene	**0.096U**	mg/kg	0.27	0.096	1	06/19/13 11:05	06/20/13 13:12	218-01-9	
Dibenz(a,h)anthracene	**0.077U**	mg/kg	0.27	0.077	1	06/19/13 11:05	06/20/13 13:12	53-70-3	
Dibenzofuran	**0.19U**	mg/kg	1.4	0.19	1	06/19/13 11:05	06/20/13 13:12	132-64-9	
1,2-Dichlorobenzene	**0.20U**	mg/kg	1.4	0.20	1	06/19/13 11:05	06/20/13 13:12	95-50-1	
1,3-Dichlorobenzene	**0.19U**	mg/kg	1.4	0.19	1	06/19/13 11:05	06/20/13 13:12	541-73-1	
1,4-Dichlorobenzene	**0.20U**	mg/kg	1.4	0.20	1	06/19/13 11:05	06/20/13 13:12	106-46-7	
3,3'-Dichlorobenzidine	**0.14U**	mg/kg	5.4	0.14	1	06/19/13 11:05	06/20/13 13:12	91-94-1	
2,4-Dichlorophenol	**0.19U**	mg/kg	1.4	0.19	1	06/19/13 11:05	06/20/13 13:12	120-83-2	
Diethylphthalate	**0.19U**	mg/kg	1.4	0.19	1	06/19/13 11:05	06/20/13 13:12	84-66-2	
2,4-Dimethylphenol	**0.25U**	mg/kg	1.4	0.25	1	06/19/13 11:05	06/20/13 13:12	105-67-9	
Dimethylphthalate	**0.15U**	mg/kg	1.4	0.15	1	06/19/13 11:05	06/20/13 13:12	131-11-3	
Di-n-butylphthalate	**0.19 I**	mg/kg	1.4	0.18	1	06/19/13 11:05	06/20/13 13:12	84-74-2	
4,6-Dinitro-2-methylphenol	**0.15U**	mg/kg	5.4	0.15	1	06/19/13 11:05	06/20/13 13:12	534-52-1	
2,4-Dinitrophenol	**0.40U**	mg/kg	5.4	0.40	1	06/19/13 11:05	06/20/13 13:12	51-28-5	
2,4-Dinitrotoluene	**0.17U**	mg/kg	1.4	0.17	1	06/19/13 11:05	06/20/13 13:12	121-14-2	
2,6-Dinitrotoluene	**0.14U**	mg/kg	1.4	0.14	1	06/19/13 11:05	06/20/13 13:12	606-20-2	
Di-n-octylphthalate	**0.14U**	mg/kg	1.4	0.14	1	06/19/13 11:05	06/20/13 13:12	117-84-0	
1,2-Diphenylhydrazine	**0.14U**	mg/kg	1.4	0.14	1	06/19/13 11:05	06/20/13 13:12	122-66-7	
bis(2-Ethylhexyl)phthalate	**0.20U**	mg/kg	1.4	0.20	1	06/19/13 11:05	06/20/13 13:12	117-81-7	

REPORT OF LABORATORY ANALYSIS

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Date: 06/20/2013 06:39 PM

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www.pacelabs.com

Pace Analytical Services, Inc.
3610 Park Central Blvd N
Pompano Beach, FL 33064
954-582-4300

ANALYTICAL RESULTS

Project: 1363-E
Pace Project No.: 3597165

Sample: AC02869 293569 **Lab ID: 3597165003** Collected: 06/14/13 13:49 Received: 06/18/13 00:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Fluoranthene	**0.088U**	mg/kg	0.27	0.088	1	06/19/13 11:05	06/20/13 13:12	206-44-0	
Fluorene	**0.12U**	mg/kg	0.27	0.12	1	06/19/13 11:05	06/20/13 13:12	86-73-7	
Hexachloro-1,3-butadiene	**0.20U**	mg/kg	1.4	0.20	1	06/19/13 11:05	06/20/13 13:12	87-68-3	
Hexachlorobenzene	**0.16U**	mg/kg	1.4	0.16	1	06/19/13 11:05	06/20/13 13:12	118-74-1	
Hexachlorocyclopentadiene	**0.34U**	mg/kg	5.4	0.34	1	06/19/13 11:05	06/20/13 13:12	77-47-4	
Hexachloroethane	**0.25U**	mg/kg	1.4	0.25	1	06/19/13 11:05	06/20/13 13:12	67-72-1	
Indeno(1,2,3-cd)pyrene	**0.10U**	mg/kg	0.27	0.10	1	06/19/13 11:05	06/20/13 13:12	193-39-5	
Isophorone	**0.20U**	mg/kg	1.4	0.20	1	06/19/13 11:05	06/20/13 13:12	78-59-1	
1-Methylnaphthalene	**0.095U**	mg/kg	0.27	0.095	1	06/19/13 11:05	06/20/13 13:12	90-12-0	
2-Methylnaphthalene	**0.11U**	mg/kg	0.27	0.11	1	06/19/13 11:05	06/20/13 13:12	91-57-6	
2-Methylphenol(o-Cresol)	**0.20U**	mg/kg	1.4	0.20	1	06/19/13 11:05	06/20/13 13:12	95-48-7	
3&4-Methylphenol(m&p Cresol)	**0.41U**	mg/kg	1.4	0.41	1	06/19/13 11:05	06/20/13 13:12		
Naphthalene	**0.087U**	mg/kg	0.27	0.087	1	06/19/13 11:05	06/20/13 13:12	91-20-3	
2-Nitroaniline	**0.36U**	mg/kg	1.4	0.36	1	06/19/13 11:05	06/20/13 13:12	88-74-4	
3-Nitroaniline	**0.15U**	mg/kg	1.4	0.15	1	06/19/13 11:05	06/20/13 13:12	99-09-2	
4-Nitroaniline	**0.24U**	mg/kg	1.4	0.24	1	06/19/13 11:05	06/20/13 13:12	100-01-6	
Nitrobenzene	**0.22U**	mg/kg	1.4	0.22	1	06/19/13 11:05	06/20/13 13:12	98-95-3	
2-Nitrophenol	**0.22U**	mg/kg	1.4	0.22	1	06/19/13 11:05	06/20/13 13:12	88-75-5	
4-Nitrophenol	**0.21U**	mg/kg	1.4	0.21	1	06/19/13 11:05	06/20/13 13:12	100-02-7	
N-Nitrosodimethylamine	**0.21U**	mg/kg	1.4	0.21	1	06/19/13 11:05	06/20/13 13:12	62-75-9	
N-Nitroso-di-n-propylamine	**0.20U**	mg/kg	1.4	0.20	1	06/19/13 11:05	06/20/13 13:12	621-64-7	
N-Nitrosodiphenylamine	**0.17U**	mg/kg	1.4	0.17	1	06/19/13 11:05	06/20/13 13:12	86-30-6	
Pentachlorophenol	**0.17U**	mg/kg	5.4	0.17	1	06/19/13 11:05	06/20/13 13:12	87-86-5	
Phenanthrene	**0.10U**	mg/kg	0.27	0.10	1	06/19/13 11:05	06/20/13 13:12	85-01-8	
Phenol	**0.25U**	mg/kg	1.4	0.25	1	06/19/13 11:05	06/20/13 13:12	108-95-2	
Pyrene	**0.084U**	mg/kg	0.27	0.084	1	06/19/13 11:05	06/20/13 13:12	129-00-0	
1,2,4-Trichlorobenzene	**0.23U**	mg/kg	1.4	0.23	1	06/19/13 11:05	06/20/13 13:12	120-82-1	
2,4,5-Trichlorophenol	**0.18U**	mg/kg	1.4	0.18	1	06/19/13 11:05	06/20/13 13:12	95-95-4	
2,4,6-Trichlorophenol	**0.20U**	mg/kg	1.4	0.20	1	06/19/13 11:05	06/20/13 13:12	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	69	%	10-110		1	06/19/13 11:05	06/20/13 13:12	4165-60-0	
2-Fluorobiphenyl (S)	73	%	18-110		1	06/19/13 11:05	06/20/13 13:12	321-60-8	
Terphenyl-d14 (S)	75	%	10-123		1	06/19/13 11:05	06/20/13 13:12	1718-51-0	
Phenol-d6 (S)	59	%	10-110		1	06/19/13 11:05	06/20/13 13:12	13127-88-3	
2-Fluorophenol (S)	37	%	18-110		1	06/19/13 11:05	06/20/13 13:12	367-12-4	
2,4,6-Tribromophenol (S)	7	%	10-110		1	06/19/13 11:05	06/20/13 13:12	118-79-6	J(S0)
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**26.0**	%	0.10	0.10	1		06/19/13 02:52		

REPORT OF LABORATORY ANALYSIS

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Date: 06/20/2013 06:39 PM

MIAMI-DADE COUNTY

Carlos A. Gimenez, Mayor

Department of Regulatory and Economic Resources
Environmental Resources Management
701 NW 1st Court, 4th Floor
Miami, Florida 33136-3912
T 305-372-6700 F 305-372-6982
miamidade.gov

March 11, 2013

Stephen Johnson, City Manager
City of North Miami
776 NE 125 Street - 4th Floor
North Miami, FL 33161

CERTIFIED MAIL NO: 7011 0470 0002 4385 7942
RETURN RECEIPT REQUESTED

Darryl Lee
Oleta Partners LLC,
3390 Mary Street, Suite 200
Coconut Grove, FL 33133

CERTIFIED MAIL NO: 7011 0470 0002 4385 7959
RETURN RECEIPT REQUESTED

Re: Soil Characterization Soil Reuse Request dated January 25, 2013 submitted by SCS ES Consultants on behalf of the Biscayne Landing (aka Munisport) facility (SW-1178/File 12838) located at, near or in the vicinity of Biscayne Boulevard and NE 151 Street, City of North Miami, Miami-Dade County, Florida.

Dear Messrs Johnson and Lee:

On February 5, 2013 the Environmental Resources Management Division (EMRD) of the Department of Regulatory and Economic Resources (RER) responded via email to the referenced request which was received via email on January 25, 2013. The request was for approval to reuse soil, generated at the Brickell Citi Center Property located at 701 South Miami Avenue, at the Biscayne Landing development.

As provided in the above mentioned emailed response:

1. The EMRD has no objection to the material being used (without characterization) for lakefilling at the Biscayne landing site.

2. If the material is intended to be utilized as final cover for landfill closure activities then a representative number of characterization samples be obtained to confirm that the material is appropriate for use as final cover.

   EMRD has no objection to the proposed in situ sampling methodology. As an alternative, the material may be sampled subsequent to being transported to the Biscayne Landing site, on condition that a stockpile management plan that allows the material to be clearly identified and tracked be implemented at the Biscayne Landing location.

3. If the material is transported prior to sampling and if the responsible party wishes to utilize the material as final cover, within 30 days of the material being transported to Biscayne Landing, a material characterization report shall be submitted to the EMRD for review.

If you have any questions concerning the above please contact Lorna Bucknor of the Environmental Monitoring and Restoration Division (bucknl@miamidade.gov) or via telephone at (305) 372-6700.

Sincerely,

Wilbur Mayorga, P.E. Chief
Environmental Monitoring and Restoration Division

Delivering Excellence Every Day

pc: Lisa Smith, SCS ES Consultants
Aleem Ghany, City of North Miami (aghany@northmiamifl.gov)
Lisa Spadafina, DERM

MIAMI-DADE COUNTY

Carlos A. Gimenez, Mayor

Department of Regulatory and Economic Resources
Environmental Resources Management
701 NW 1st Court, 4th Floor
Miami, Florida 33136-3912
T 305-372-6700 F 305-372-6982

miamidade.gov

May 31, 2013

CERTIFIED MAIL NO: 7011 0470 0002 4386 3868
RETURN RECEIPT REQUESTED

Stephen Johnson, City Manager
City of North Miami
776 NE 125 Street - 4th Floor
North Miami, FL 33161

CERTIFIED MAIL NO: 7011 0470 0002 4386 3875
RETURN RECEIPT REQUESTED

Darryl Lee
Oleta Partners LLC,
3390 Mary Street, Suite 200
Coconut Grove, FL 33133

Re: Soil Reuse Request for Soil Generated at the Citi Center Project dated January 25, 2013 submitted by SCS ES Consultants on behalf of the Biscayne Landing (aka Munisport) facility (SW-1178/File 12838) located at, near or in the vicinity of Biscayne Boulevard and NE 151 Street, City of North Miami, Miami-Dade County, Florida.

Dear Messrs Johnson and Lee:

On February 5, 2013 and on March 11, 2013 the Environmental Resources Management Division (EMRD) of the Department of Regulatory and Economic Resources (RER) approved via email and letter, respectively a request to reuse soil, generated at the Brickell Citi Center Property located at 701 South Miami Avenue, at the Biscayne Landing development. The above referenced approval is hereby rescinded and replaced with the following.

The information provided via email on May 29, 2013 indicated that the cement grout mixture used to stabilize the material, at the Brickell Citi Center location, prior to excavation, consist of approximately 8.6% slag cement. Based on the information provided in the MSDS for the cement slag:

1. ERMD requires characterization of the Citi Center material to evaluate it's appropriateness for reuse as lakefill or cover material at the Biscayne landing site. EMRD recognizes that approximately 76,000 cubic yards of the material generated at the Brickell Citi Center location (the material) has been transported to and is currently stockpiled at Biscayne Landing as Stockpiles 1, 4, 6, 19 & 20.

   A minimum of six composite samples shall be obtained from each of the above mentioned stockpiles (for a total 30 samples). The samples shall be analyzed for total and SPLP concentrations of the arsenic, barium, lead, cadmium, chromium, iron, aluminum and magnesium.

2. As previously communicated, via telephone, no additional Brickell Citi Center material shall be accepted for reuse or stockpiling at the Biscayne Landing property until the EMRD has had an opportunity to review and render a reuse determination based on the results of the characterization testing required in Item 1 above.

A material characterization report shall be submitted to the EMRD for review within 30 days of receipt of this correspondence. The report shall include, laboratory analytical report, a description of the sampling methodology, locations of samples etc. As indicated above, the EMRD will provide a reuse determination based on the sample results.

If you have any questions concerning the above please contact Lorna Bucknor of the Environmental Monitoring and Restoration Division (bucknl@miamidade.gov) or via telephone at (305) 372-6700.

Sincerely,

Wilbur Mayorga, P.E. Chief
Environmental Monitoring and Restoration Division

pc: Lisa Smith, SCS ES Consultants
Aleem Ghany, City of North Miami (aghany@northmiamifl.gov)

BEFORE THE MIAMI-DADE COUNTY
ENVIRONMENTAL QUALITY CONTROL BOARD

IN RE	:	**Board Order No. 13-33**
	:	
	:	
City of North Miami	:	

THIS MATTER came before the Board on February 14, 2013, as a request by Petitioner, the City of North Miami, for a modification to Corrected Board Order No. 08-49, Exhibit "A" attached hereto and incorporated herein by reference, which granted a variance from the requirements of Section 24-42 of the Code of Miami-Dade County, Florida. The existing variance approved the construction of a storm water management system consisting of dry retention areas with overflow to deep injection wells within an area of documented groundwater contamination at the former Munisport landfill site. Surface and groundwater contamination documented at the property is believed to have resulted from the former landfill operations. The former Munisport landfill property is located at approximately N.E. 151st Street and Biscayne Boulevard, in the City of North Miami, Florida and is the site of the Biscayne Landing Development and is more particularly described in Exhibit "B" attached hereto and incorporated herein by reference.

In approving the variance the Board found that the design of the proposed storm water management system, which required the Petitioner to either install liners along the slopes of the retention areas or remove the underlying solid waste down to the groundwater table in the proposed retention areas, would preclude infiltration of storm water into and through the underlying solid waste and thus reducing the potential to exacerbate leaching.

Additionally, the Board found that the Petitioner had provided appropriate supporting technical data, (i.e. modeling, and engineering calculations) demonstrating that the storm water discharge would not affect the historical on-site plume migration. Further, the Board found that based on the relative location of the storm water management system with respect to the then conceptually approved "funnel and gate" groundwater remediation system, the storm water runoff discharge should not adversely affect the ability of the remedial system to effectively capture, contain, and treat the groundwater contaminant plume.

The Board granted the above referenced variance with the following conditions:

1. Approval of any certificate of occupancy or certificate of completion for any construction project in Phase 1 as defined in Exhibit "B" attached hereto and incorporated herein by reference, shall be contingent on the Department of Environmental Resources Management (DERM) issuing its written approval to the City of North Miami and stating that active construction of the applicable portion of the groundwater remediation system and the storm water system component serving the construction activity for which certificate of occupancy or certificate of completion is being sought, has commenced. DERM shall issue its written approval only after reviewing and approving written confirmation from a Professional Engineer, licensed to practice in the State of Florida, attesting to the commencement of active construction of the aforementioned groundwater remediation and storm water systems in accordance with DERM's approval.

   Approval for any construction plans and permits for all other phases, except for plans or permits related to the storm water management system or the groundwater remediation system, shall be contingent on confirmation, signed and sealed, from a Professional Engineer, licensed to practice in the State of Florida, that the applicable portion of the groundwater remediation system and the storm water system component serving the construction activity for which construction permit is being sought, is installed and fully operational in strict accordance with DERM's approval.

2. The proposed overflow drainage wells shall discharge to a depth below the vertical extent of the existing on-site groundwater contamination. The Petitioner shall submit sample results indicating that groundwater from the zone of discharge of the drainage wells is not impacted by the overlying ammonia plume.

Corrected Board Order No. 08-49 conditioned that the approval of any certificate of occupancy or certificate of completion for any development within an area of the site, defined as Phase 1 and attached as Exhibit "C" attached hereto and incorporated herein, be contingent on the Division of Environmental Resources Management (DERM), issuing written approval to the City of North Miami stating that active construction of the applicable portion of the groundwater monitoring system and the storm water management system had commenced. Further, the Board Order conditioned that approval for any building plan and permits for any other phase of the site be contingent on confirmation that the applicable portion of the groundwater remediation system and the storm water system component serving the construction activity for which construction plan or permit approval being sought, is installed and fully operational.

The Petitioner indicates that the remedial system referenced in Board Order No. 08-49 was not implemented at the site; instead an alternative remedial action plan was jointly approved by the Florida Department of Environmental Protection and DERM in August 2012. The approved system which consists of a series of extraction wells located along the eastern and southern perimeter of the site will provide a level of hydraulic capture and control equivalent to the previously contemplated system. Additionally, the placement of the remedial system relative to the storm water management system remains unchanged. The system will intercept and capture the ammonia impacted groundwater along

the eastern and southern perimeter of the site. The Petitioner further notes that Phase 1 of the groundwater recovery system has been in operation since July 16, 2013.

The Board finds that, based upon the evidence and testimony presented and the foregoing facts, granting a modification of Corrected Board Order No. 08-49, will not be detrimental to the public health, welfare and safety, will not create a nuisance, and will not materially increase the level of pollution in this County.

ACCORDINGLY, IT IS

ORDERED AND ADJUDGED that, based upon the evidence and testimony presented and the foregoing findings, the modification of the conditions of Corrected Board Order No. 08-49, be and the same is hereby granted subject to the following conditions:

1. This Board Order shall supersede Corrected Board Order No. 08-49.
2. Construction plans and permits for any redevelopment activities at the subject site require approval from the DERM, prior to the initiation of any construction.
3. In accordance with Specific Condition 23 of the FDEP closure permit, Exhibit "D" attached hereto and incorporated herein, for the former Munisport Landfill, final design documents; including construction drawings and supporting information, for each phase of redevelopment at the subject site shall be submitted to the FDEP for approval prior to initiation of any construction in said redevelopment phase.
4. The storm water management system shall be constructed in accordance to the plans approved by the DERM.

* The Petitioner is advised that this approval does not guarantee or ensure approvals from the Department of Health or any other federal, state, county or municipal agency and that the modification granted herein does not affect or modify any requirement of any other provision of law.

**Failure at any time to comply with any of the Conditions of this Board Order shall render this Order null and the modification granted herein no longer in effect. Upon compliance with the conditions, the modification shall be reinstated.

Done and Ordered this 23rd day of August, 2013 in Miami-Dade County, Florida.

Claire Bradshaw Sidran

Claire Bradshaw-Sidran, Ph.D.
Chairperson

FILING AND ACKNOWLEDGEMENT

Filed on this 23rd day of August, 2013 with the Secretary of the Board as Clerk of the Environmental Quality Control Board, receipt of which is hereby acknowledged and the seal of the Board affixed below.

Secretary and Clerk

SEAL

Approved as to form and legal sufficiency:

R. A. CUEVAS, JR.
Miami-Dade County Attorney
Attorney for the Board

By: Thomas Robertson
Assistant County Attorney

CFN 20081702195
OR Bk 26088 Pgs 4051 - 4054; (4pgs)
RECORDED 12/17/2008 10:00:07
HARVEY RUVIN, CLERK OF COURT
MIAMI-DADE COUNTY, FLORIDA

BEFORE THE MIAMI-DADE COUNTY
ENVIRONMENTAL QUALITY CONTROL BOARD

IN RE **Board Order No. 08-49**

City of North Miami :

THIS MATTER came before the Board as a request by Petitioner, the City of North Miami, for a variance from the requirements of Section 24-42 of the Code of Miami-Dade County, Florida. The request is to allow the construction of an on-site storm water management system consisting of dry retention basins with overflow to drainage wells in an area of an existing groundwater contamination plume. Said storm water management system would serve a proposed development on the subject property located at approximately N.E. 151st Street and Biscayne Boulevard, North Miami, Florida and is more particularly described in Exhibit "A" attached hereto and incorporated herein by reference.

The Board finds that the subject property is the location of the former Munisport solid waste landfill site; surface and groundwater contamination from former landfill operations is well documented on the property.

The Board finds that the design of the proposed stormwater management system requires the Petitioner to remove the underlying solid waste down to natural material at the base of the proposed retention areas. For retention areas along the perimeter of the site, the design requires the removal of waste from the exterior side slope and replacement with clean fill. Along the interior slope, the waste will be removed and replaced with fill or alternately a liner will be installed as an impervious layer atop the waste. The Board finds that the design will preclude infiltration of storm water into and through the underlying solid waste and thus reducing the potential to exacerbate leaching.

The Board finds that the Petitioner has provided technical documentation in the form of modeling and engineering calculations, demonstrating that the storm water discharge will not affect the historical on-site contaminant plume migration. Additionally, the Board finds that the proposed retention basins and overflow wells along the southern and eastern perimeter of the site

construct the sewer connection, the City of North Miami Beach planned to offer financial assistance in the form of a low interest, multi-year loan to fund the connections to the system.

The Board finds that due to unforeseen delays with the bidding process, the City of North Miami Beach petitioned for a one-year extension of time to comply with the abandonment of the septic tanks and the connection to the sanitary sewers deadline. The Board granted said Petition in October 2007 via Board Order 07-48.

The Board finds that the City of North Miami Beach intends to offer financial assistance in the form of a multi-year loan to those residents of Highland Village who did not receive grant funding for the connection to the new public sanitary sewer system. The Board also finds that the Petitioner expected to initiate the loan program in January 2008 and commence construction of all the connections well within the extension period. However, due to the recent state-wide budgetary constraints, the State Revolving Loan program was unable to release funding to the Petitioner in a timely manner, which has hindered pursuing other financing options to allow the implementation of the loan program for the 188 properties which expressed an interest in participating. The Petitioner anticipates securing the financing within the next six (6) months and immediate proceeding with the sewer connections.

Therefore, the Board finds that granting the Petitioner an extension of time for compliance with the aforesaid Code requirements will not be detrimental to the public health, welfare and safety, will not create a nuisance, and will not materially increase the level of pollution in this County.

ACCORDINGLY, IT IS

ORDERED AND ADJUDGED that, based upon the evidence and testimony presented and the foregoing findings, Petitioner's request for a one year extension of time for compliance with the requirements of Section 24-43.1(7) of the Code is hereby granted, subject to the following condition:

1. This extension of time shall automatically expire on July 02, 2009.

Done and Ordered this 11 day of December, 2008 in Miami-Dade County, Florida.

Claire Bradshaw-Sidran, Ph.D.
Chairperson

FILING AND ACKNOWLEDGEMENT

Filed on this 11 day of December , 2008 with the Secretary of the Board as Clerk of the Environmental Quality Control Board, receipt of which is hereby acknowledged and the seal of the Board affixed below.

SEAL

Carlos Espinosa, P. E.
Secretary and Clerk

Approved as to form and legal sufficiency:

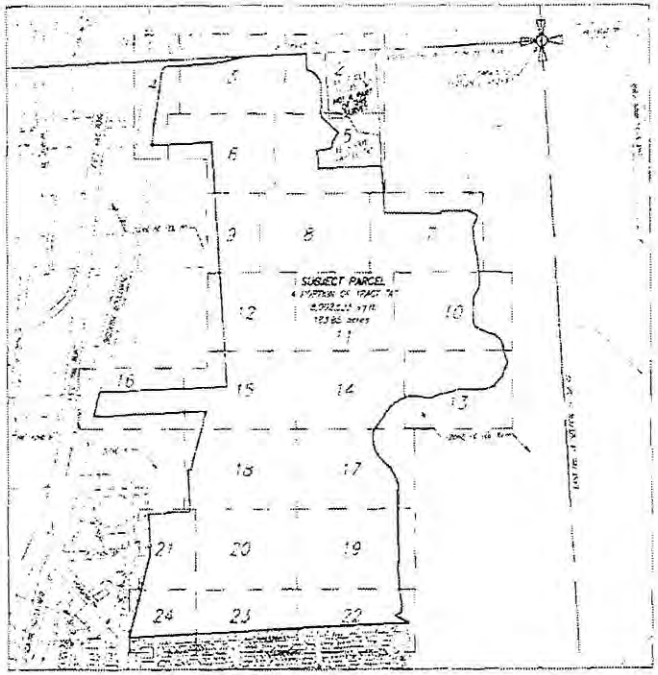
R. A. CUEVAS, JR.
Miami-Dade County Attorney
Attorney for the Board

By: Peter S. Tell
Assistant County Attorney

Exhibit "A"

Tract "A" of Biscayne Landing, according to the Plat thereof, as recorded in Plat Book 161, at Page 72, of the Public Records of Miami-Dade County, Florida, less and except the following described property:

Beginning at the most northeasterly corner of said Tract "A" of "Biscayne Landing", said point being described as being the northeast corner of the west ½ the northeast ¼ of Section 21, Township 52 South, Range 42 East; thence south 02°55'05" east, along the east line of said Tract "A", a distance of 677.06 feet; thence north 83°13'18" west, a distance of 177.81 feet; thence north 27°35'03" west, a distance of 138.47 feet; thence south 86°42'35" west, a distance of 159.56 feet; thence north 03°17'25"west, a distance of 522.10 feet to a point on the north line of said Tract "A"; thence north 87°02'55"east, along said north line, a distance of 396.01 feet to the point of beginning.



LOCATION AND KEY MAP

NOTES REGARDING SCHEDULE B-II OF TITLE COMMITMENT FILE No. 5011612-3030-340374-NY ISSUED BY FIRST AMERICAN TITLE INSURANCE COMPANY, HAVING AN EFFECTIVE DATE OF AUGUST 2, 2012 AT 8:00 A.M., AND BEING LAST AMENDED ON AUGUST 14, 2012:

LEGAL DESCRIPTION

NOTES:

CERTIFY TO:

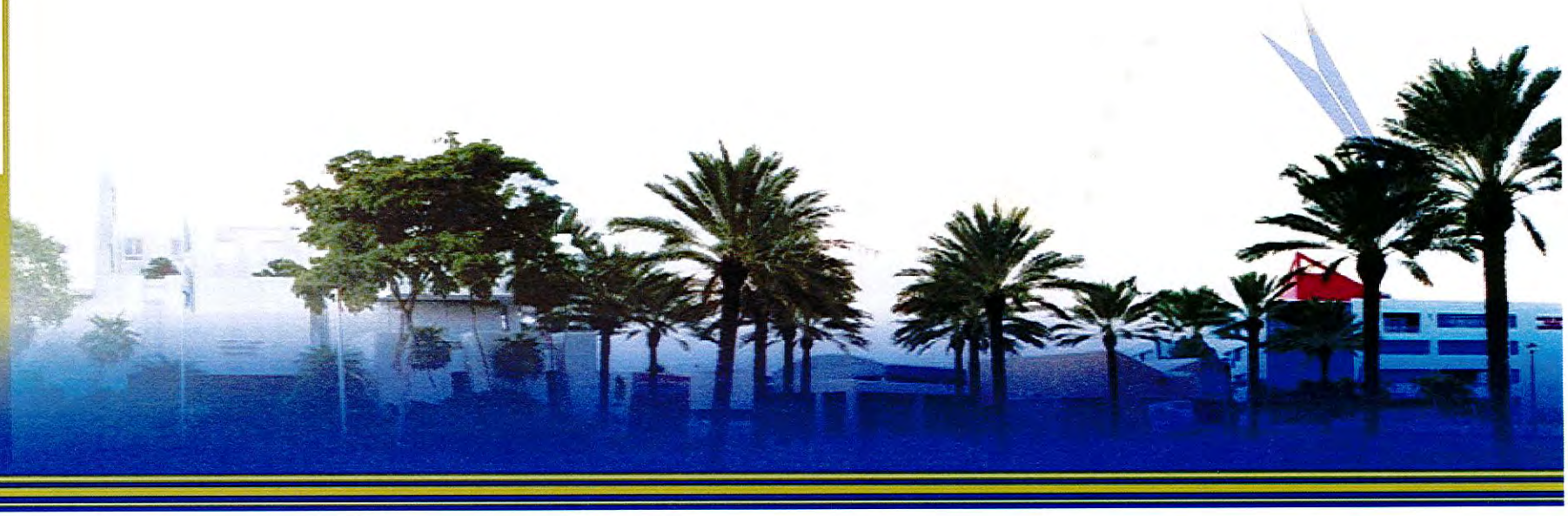
Schwebke-Shiskin & Associates, Inc.

A.L.T.A./A.C.S.M. LAND TITLE SURVEY
BISCAYNE LANDING

Schwebke-Shiskin & Associates, Inc.

Biscayne Landing
Ground Water Remediation and Site Closure

northmiamifl.gov



SITE 1: Stock Pile of Material to be Tested

SITE 2: Stock Pile of Material to be Tested

SITE 3: Stock Pile of Material to be Tested

SITE 4: Stock Pile of Material to be Tested

SITE 5: Stock Pile of Material to be Tested

SITE 6: Stock Pile of Material to be Tested

SITE 7: Stock Pile of Material to be Tested

SITE 8: Stock Pile of Material to be Tested

SITE 9: Stock Pile of Material to be Tested

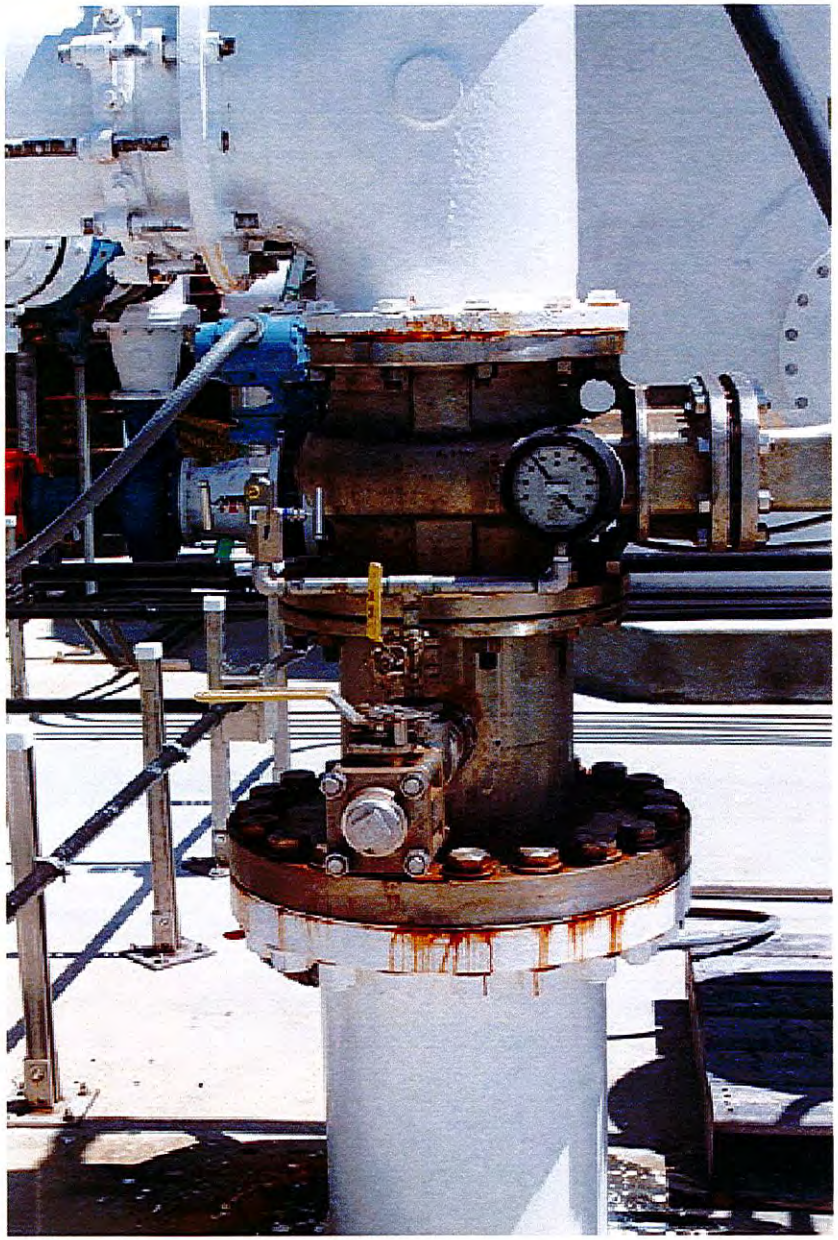
SITE 10: Stock Pile of Material to be Tested

West Lake Backfilling Operations

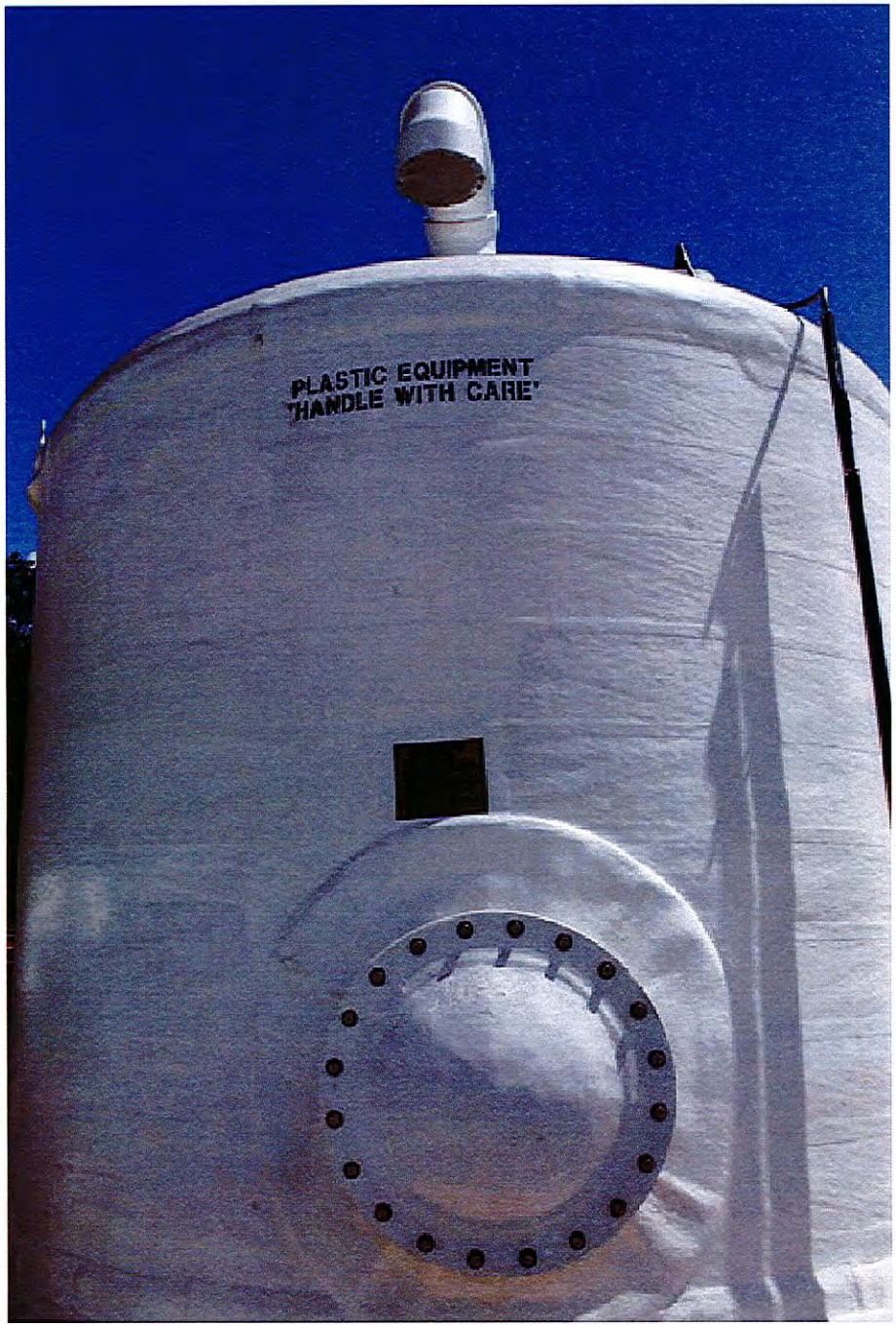
SITE 11: Stock Pile of Material to be Tested

Rebar and Metal Removal From Concrete Ruble

Trash Removal From Concrete Ruble



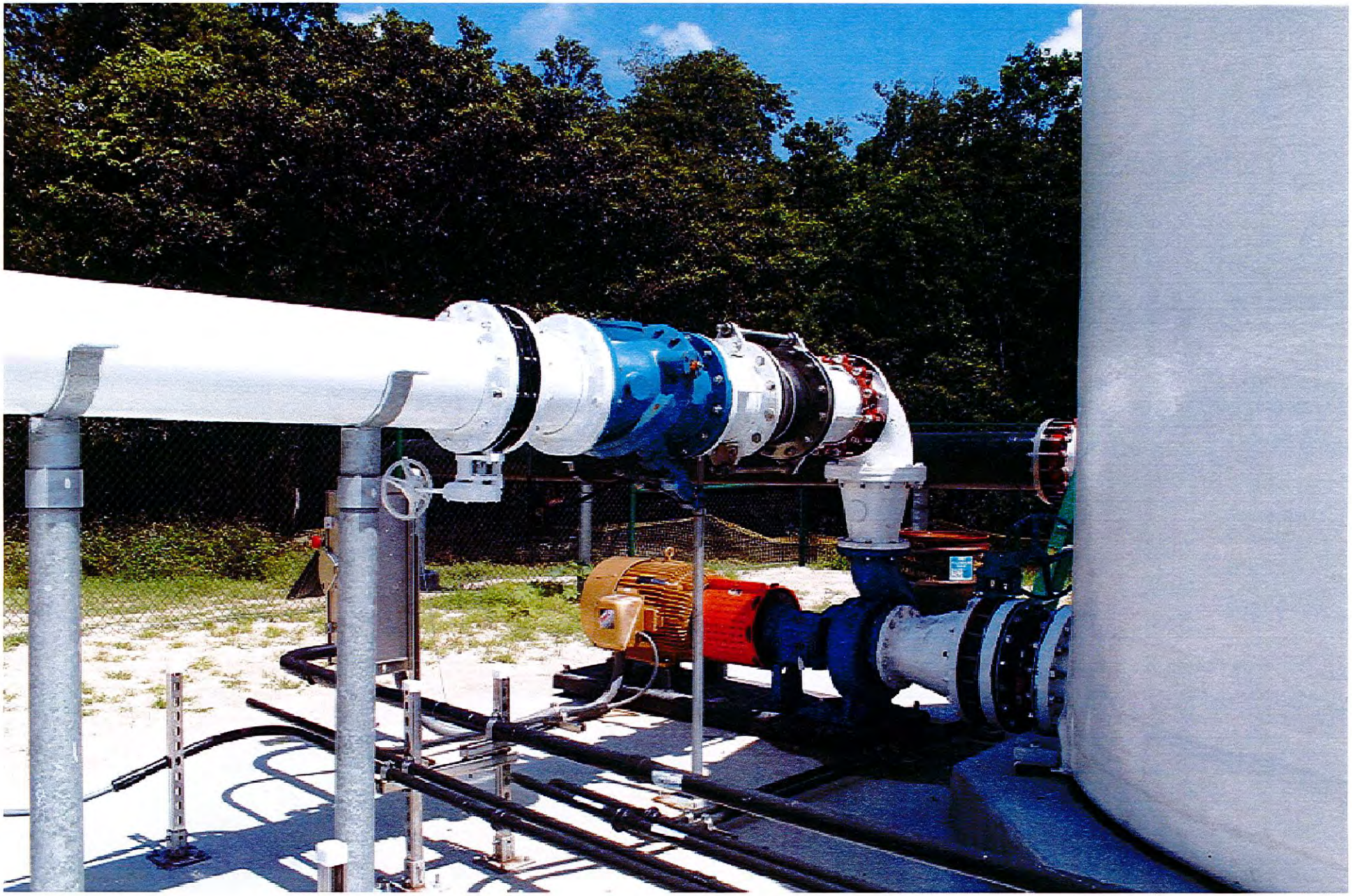
Injection Well



Pump Station

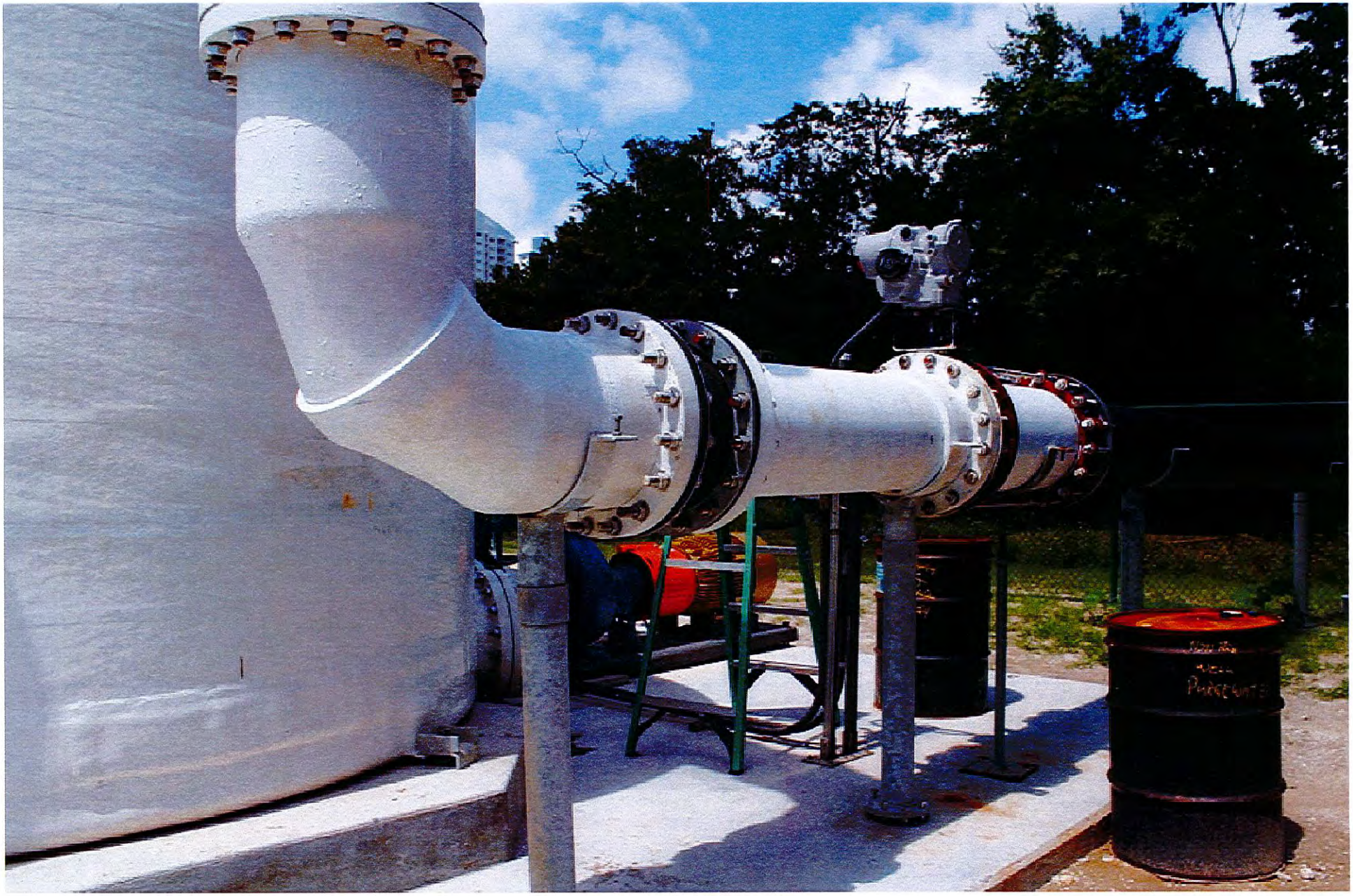
Pump Replacement

Injection Well Supply Line and Control Valves



Injection Well Compression Tank

Influent Line for Ground Water Storage Tank

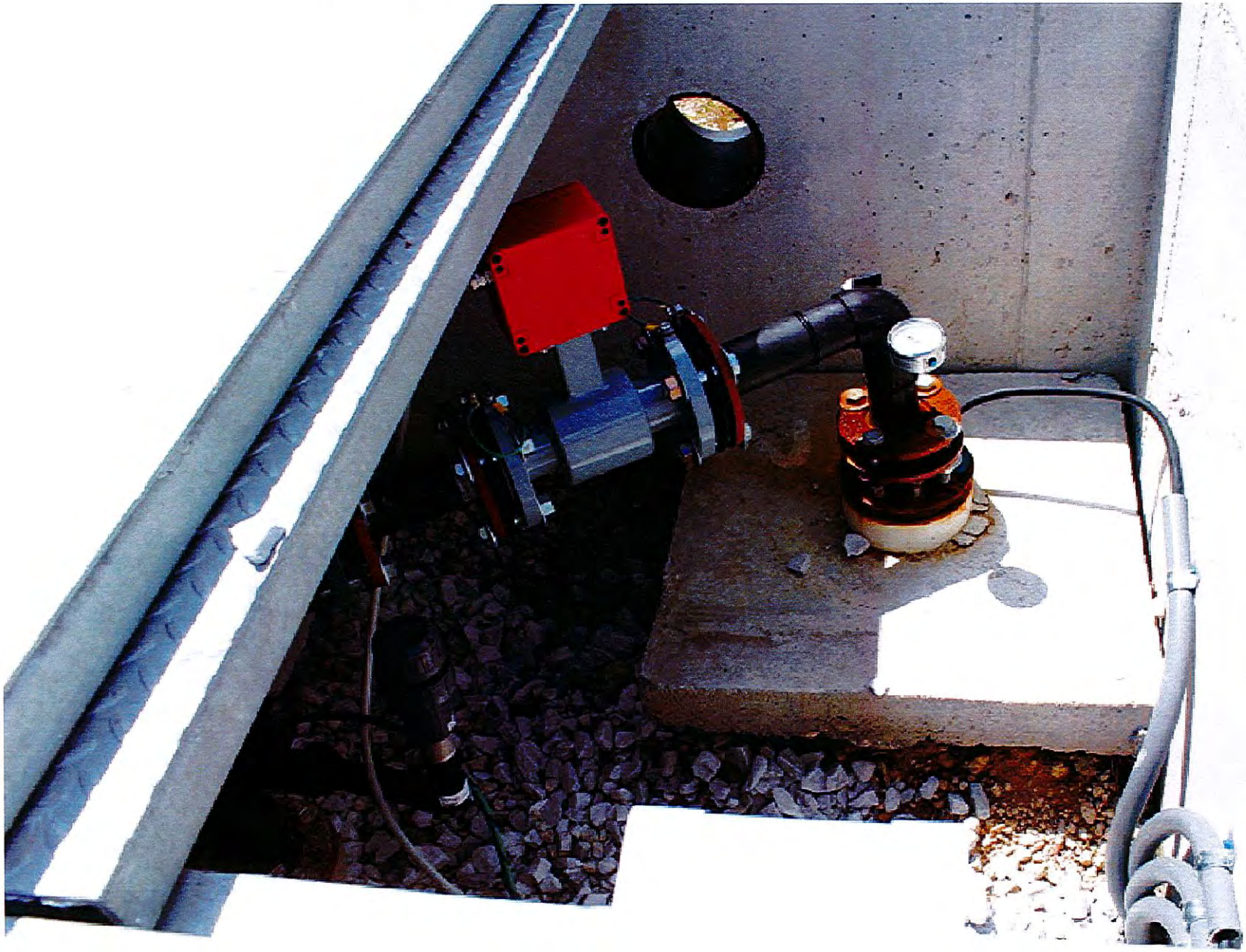


Monitoring Well

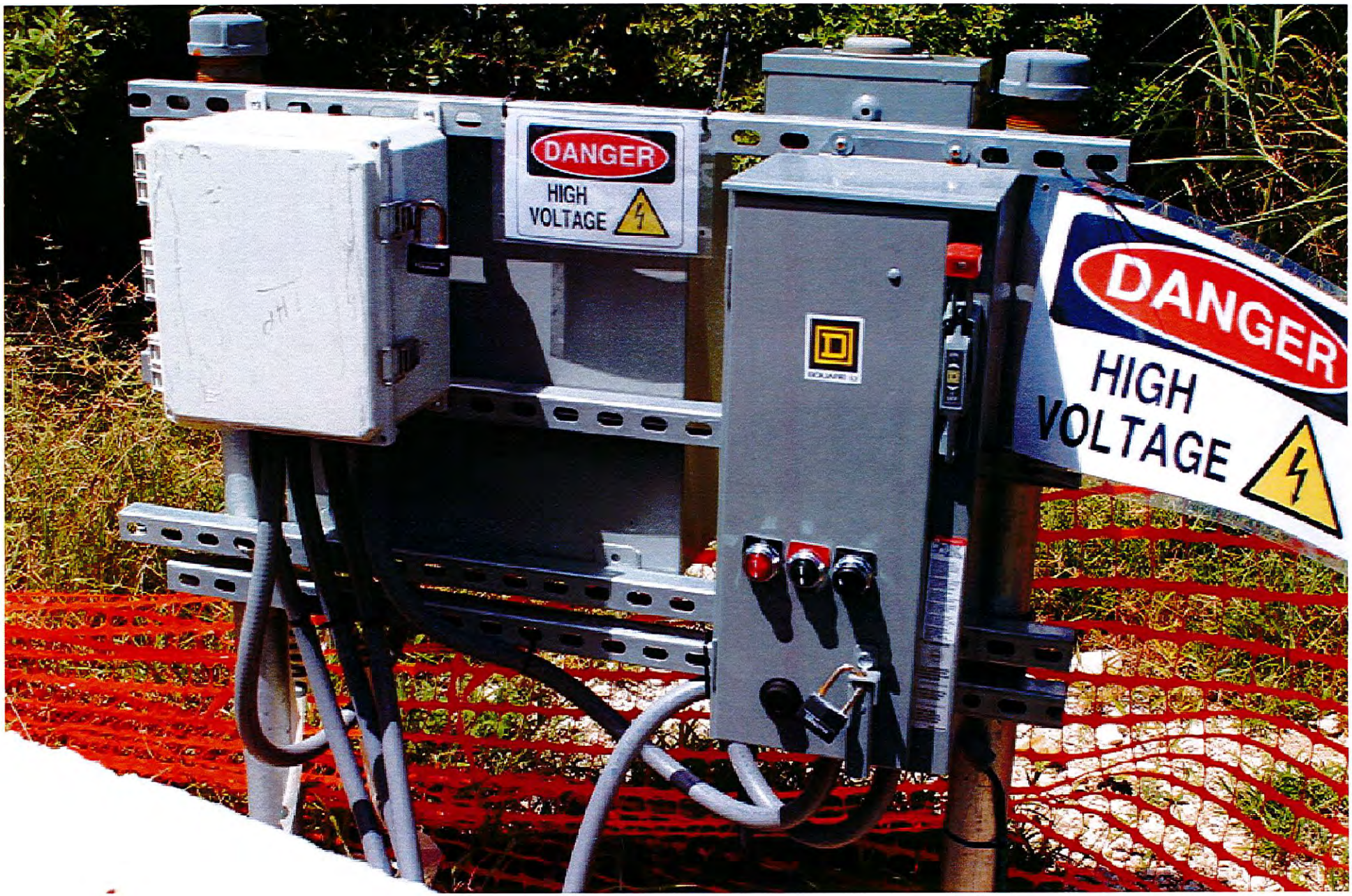
Extraction Well and Control Panel

Extraction Well and Control Panel

Well Head: Inside The Extraction Well and Control Panel



High Voltage Electrical Panel, Located in the Perimeter Access Road to be Removed



RSM Recycled Synthetic Materials

Additional Material Being Delivered To Site

Additional Material Being Delivered To Site

Stock Pile of Material to be Tested