DRAFT FINAL
CORRECTIVE MEASURES IMPLEMENTATION
BUILDING 517 (CCFTB-038)
CLEANUP AND COMPLIANCE PROJECTS
2013 CONTINUATION
US ARMY GARRISON FORT BUCHANAN
GUAYNABO, PUERTO RICO
CONTRACT NUMBER: W912EP-13-D-0028
DELIVERY ORDER 0011

PREPARED FOR:

US Army Corps of Engineers

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT
701 SAN MARCO BLVD
JACKSONVILLE, FL 32207

PREPARED BY:

AEROSTAR SES LLC
11181 ST. JOHNS INDUSTRIAL PARKWAY NORTH
JACKSONVILLE, FLORIDA 32246

AEROSTAR PROJECT NUMBER: M3010.0607.0011.09

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2/3/16

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LIST OF ACRONYMS

Aerostar	Aerostar SES LLC
AST	Aboveground Storage Tank
BLS	Below Land Surface
CMI	Corrective Measures Implementation
CMS	Corrective Measures Study
CoC	Chemicals of Concern
COC	Chain of Custody
DERP	Defense Environmental Restoration Program
DPT	Direct Push Technology
DOL	Department of Labor
DPW	Department of Public Works
DRO	Diesel Range Organics
EPA	Environmental Protection Agency
FDEP	Florida Department of Environmental Protection
GCTLs	Groundwater Cleanup Target Levels
GPR	Ground Penetrating Radar
MDL	Method Detection Limit
mg/kg	Milligrams per kilogram
ORO	Organic Range Organics
OVA	Organic Vapor Analyzer
PAHs	Polycyclic Aromatic Hydrocarbons
PQL	Practical Quantitative Limit
PREQB	Puerto Rico Environmental Quality Board
PVC	Polyvinyl Chloride
PWS	Performance Work Statement
RCRA	Resource Conservation and Recovery Act
RFI	RCRA Facility Investigation
TPH	Total Petroleum Hydrocarbons
µg/kg	Micrograms per kilogram
USACE	U.S. Army Corps of Engineers
USAEC	U.S. Army Environmental Command
USEPA	U.S. Environmental Protection Agency
UST	Underground Storage Tank
VOAs	Volatile Organic Aromatics
yd^3	Cubic Yards
WQS	Water Quality Standard

1.0 INTRODUCTION

Aerostar SES LLC (Aerostar) has prepared this Resource Conservation and Recovery Act (RCRA) Corrective Measures Implementation (CMI) Report on behalf of the U.S. Army Corps of Engineers (USACE), Jacksonville District, which includes the decision making process associated with the remediation of contaminated soil near former Building 517 (Light Pole) at US Army Garrison Fort Buchanan, Guaynabo, Puerto Rico; hereafter referred to as the site. A site location map is presented as **Figure 1**. A project site plan is included as **Figure 2.** The project was conducted pursuant to contract W912EP-13-D-0028, Delivery Order 0011; Performance Work Statement (PWS) dated April 16, 2015.

Based on Army's research of environmental records and confirmed by the U.S. Environmental Protection Agency (USEPA), there are no consent orders and no RCRA permit has been issued for the installation. Cleanup at Fort Buchanan is performed under a voluntary cleanup agreement between the Army and USEPA. This RCRA CMI was not performed as part of a permit requirement or enforcement order, but rather as a response to contamination under the Army's Defense Environmental Restoration Program (DERP) authority utilizing the RCRA corrective action procedures in cooperation with USEPA Region 2.

1.1 Corrective Measures Implementation Purpose and Objectives

The purpose and objective of the CMI was to implement the corrective action alternative selected on the Decision Document (Aerostar, June 2015) that addresses affected media at the site and that once implemented, would achieve target cleanup standards and performance standards for soil.

1.2 Corrective Measures Implementation Organization

The CMI includes the following sections:

- Section 2 describes the history of activities conducted at the site and summarizes the results of previous investigations.
- Section 3 presents the established media cleanup objectives.
- Section 4 presents a summary of activities performed at the site.
- Section 5 presents the results from the sampling performed at the site.
- Section 6 presents the conclusions from the activities performed at the site.
- Section 7 presents the recommendations for the site.
- Section 8 presents the references used in this CMI.

2.0 SITE HISTORY AND SETTING

In August 2008, a light pole (#LH021) was replaced at Fort Buchanan. The light pole was initially located between Building 501, occupied by Banco Popular, and Building 517, formally occupied by the Department of Labor (DOL). Building 517 was a refrigerated building with concrete pads located on the east and north sides of the building where electrical generators were reportedly located. It is unknown if the generators were connected to an underground storage tank (UST) or aboveground storage tank (AST). In May 2013, Building 517 and the concrete

pads were removed. Photographs of Building 517 and the concrete pads, prior to removal, are shown in **Appendix A.** Prior to March 2014, the roads were also resurfaces with asphalt.

During the process to install the new light pole, a petroleum odor was noted in the soil. As a result, the new light pole was placed approximately 33 feet southeast of the original light pole location.

2.1 Previous Investigation

Site investigations have been completed to evaluate the potential environmental impacts to soil and groundwater at the site. The investigations followed the RCRA process from the initial confirmation sampling through the RCRA Facility Investigation (RFI) which was completed in 2015 by Aerostar. The results of the investigation are presented below.

2.1.1 Confirmation Sampling

On August 1, 2008, Fort Buchanan Department of Public Works (DPW) Environmental Division conducted confirmation sampling during the installation of a new light pole. The soil sample results were as follows:

- Total Petroleum Hydrocarbon (TPH)-Diesel Range Organics (DRO) results showed a concentration of 225 milligrams per kilogram (mg/kg).
- TPH-Oil Range Organics (ORO) results showed a concentration of 260 mg/kg.
- Total TPH results showed a concentration of 485 mg/kg.
- 1-Methylnaphthalene results showed a concentration of 132 mg/kg.
- 2-Methylnaphthalene results showed a concentration of 180 mg/kg.
- Benzo(a)anthracene results showed a concentration of 27 micrograms per kilogram (µg/kg).

The results were reported by DPW to U.S. Army Environmental Command (USAEC) with a recommendation to conduct an RFI. An initial site assessment was conducted by Fort Buchanan DPW Environmental Division in 2010. Aerial photographs (1961, 1962, 1971, and 1985) were reviewed which indicated ground disturbances in the area of the former light pole. The historical aerial photographs also indicated that the area contained more buildings than it does today.

Field visits were conducted by Fort Buchanan DPW Environmental Division several times to identify the possible source of soil contamination. An emergency generator (#517) was identified approximately 150 feet southwest from the former light pole location. In addition, two concrete pads were identified on the north and east sides of Building 517 that may have been used to support emergency generators in the past. These locations are approximately 48 feet and 75 feet southwest from the former light pole.

2.1.2 RCRA Facility Investigation

In March 2014, Aerostar conducted an RFI to determine the nature and extent of petroleum contamination in the area of the former light pole. The RFI consisted of collecting soil and groundwater samples in the areas of the former light pole and two concrete generator pads for

laboratory analysis. Aerostar coordinated field activities with the USACE, USAEC, and the Fort Buchanan DPW Environmental Division.

On March 12 and 13, 2014, 12 soil borings (SB-1 through SB-12) were advanced using a direct push technology (DPT) rig. During advancement of the borings, soil samples were collected for laboratory analysis. The soil sample results are summarized as follows:

- ***Soil Boring SB-1* -** Laboratory analytical results for soil sample SB-1-0-0.5 showed benzo(a)anthracene and benzo(a)pyrene concentrations of 0.612 mg/kg and 1.068 mg/kg; respectfully, above the USEPA Residential Regional Screening Levels (RSLs) (2015) of 0.15 mg/kg and 0.015 mg/kg. The remaining concentrations were below the USEPA RSLs.
- ***Soil Boring SB-2* -** Laboratory analytical results for soil sample SB-2-0-0.5 showed a benzo(a)anthracene and benzo(a)pyrene concentrations of 0.293 mg/kg and 0.781 mg/kg; respectfully, above the USEPA Residential RSLs of 0.15 mg/kg and 0.015 mg/kg. The remaining concentrations were below the USEPA RSLs.
- ***Soil Boring SB-7* -** Laboratory analytical results for soil sample SB-7-0-0.5 showed a TPH-DRO concentration of 142 mg/kg; above the USEPA Residential RSL of 82 mg/kg. The remaining concentrations were below the USEPA RSLs.
- ***Soil Boring SB-8* -** Laboratory analytical results for soil sample SB-8-0-0.5 showed benzo(a)anthracene, benzo(a)pyrene, benzo(k)anthracene concentrations of 3.099 mg/kg 4.093 mg/kg, and 2.693 mg/kg; respectfully, above the USEPA Residential RSLs of 0.15 mg/kg, 0.015 mg/kg, and 1.5 mg/kg. The results also showed a TPH-DRO concentration of 154 mg/kg, above the USEPA Residential RSL of 82 mg/kg. The remaining concentrations were below the USEPA RSLs.
- ***Soil Boring SB-10* -** Laboratory analytical results for soil samples SB-10-0-0.5, SB-10-2, and DUP-04 (duplicate sample of SB-10-2) showed benzo(a)pyrene concentrations of 0.130 mg/kg, 0.107 mg/kg, and 0.120 mg/kg; respectively, above the USEPA Residential RSL of 0.015 mg/kg. The remaining concentrations were below the USEPA RSLs.

On March 13, 2014, Aerostar installed three temporary monitor wells (TW-1 through TW-3) to collect groundwater samples for laboratory analyses. The temporary monitor wells were installed using a DPT rig. The temporary monitor wells were collocated with soil borings SB-2 (TW-1), SB-11 (TW-2), and SB-1 (TW-3). Following the collection of the soil samples from the soil borings, the DPT rig was used to advance a macro core bit in the soil borings to widen the borehole to install the temporary monitor wells. Following installation of the temporary monitor wells, TW-1 and TW-3 were purged dry due to low recharge. The wells remained dry after 24 hours and Aerostar could not pump the required volume necessary for analytical analyses. Following purging, Aerostar was able to collect a groundwater sample from temporary monitor well TW-2 for laboratory analysis. Laboratory analytical results of the groundwater sample collected from monitor well TW-2 showed no concentrations above the USEPA Maximum Contaminant Levels (MCLs).

2.1.3 Corrective Measures Study (June 2015)

USEPA recognizes that at military installations with relatively straightforward remedial solutions, extensive evaluation of a range of corrective measure alternatives may not be necessary. The presumptive remedy selected for cleanup of the petroleum impacted soils at Building 517 was excavation with off-site landfill disposal.

2.2 Geologic Setting

The description of site-specific geology is derived from observations made during numerous site investigations. Geology across the site was inferred from soil boring logs constructed during direct push soil sampling activities and temporary monitor well installation.

Fill material was observed in the soil borings across the site. The fill material consists predominantly of greenish brown to brown silty to sandy clay with trace amounts (less than 5 percent) of fine gravel. The fill material varies generally from less than one foot to four feet in thickness. Locally, the fill material is covered by 6 to 24 inches of loose sand and gravel or 4-to-12 inches of topsoil. The transition between the fill material and the underlying clay is difficult to distinguish except for a change in texture and color. The fill material across the site represents the top of the underlying clay, which has been disturbed during development and construction across the site.

A grayish-brown to reddish-orange silty to sandy clay was observed underlying the fill across most of the area of this investigation. The clay varies from 2.5 feet to more than 10 feet in thickness. The clay is distinguished by increasing density (from soft to stiff) and the development of a faint brown and gray mottled texture, which becomes more distinct with increasing depth below the ground surface.

3.0 ESTABLISHMENT OF REMEDIAL CLEANUP OBJECTIVES

Analytical results were compared against federal (USEPA) and Puerto Rico regulatory standards. USEPA will provide oversite and review of the project. The regulatory standards provide the rationale for recommendations of further investigation or no further action. This process provides a systematic method to identify target analytes present at the site that may require more detailed evaluation. The regulatory guidance documents used for this site are as follows:

- USEPA Regional Screening Levels (RSLs) (November 2015)
- PREQB UST Soil Cleanup Levels (May 2011 and December 2014)

No groundwater impacts were detected during the RFI above regulatory standards; therefore, no active remediation of long term monitoring will be performed at the site.

The following provides the regulatory levels for the chemicals of concern (CoC) for soil:

TABLE 1 – Regulatory Cleanup Levels

Chemicals of Concern	USEPA		PREQB		
	Regional Screening Level (RSL)		UST Soil Regulations (2011) (mg/kg)	UST Soil Cleanup Level (mg/kg)	
	Residential (Nov 2015) (mg/kg)	Industrial (Nov 2015) (mg/kg)		Residential (2014) (mg/kg)	Industrial (2014) (mg/kg)
Benzo(a)anthracene	0.16	2.9	Not Established	0.15	2.9
Benzo(a)pyrene	0.016	0.29	Not Established	0.015	0.29
Benzo(b)fluoranthene	0.16	2.9	Not Established	0.15	2.9
Benzo(k)fluoranthene	1.6	29	Not Established	1.5	29
TPH-DRO (aromatics and aliphatics)	82	4200	100	Not Established	Not Established

Units – milligrams per kilogram (mg/kg)

4.0 CORRECTIVE MEASURES IMPLEMENTATION FIELD ACTIVITIES

The following sections detail the excavation and confirmation sampling associated with the CMI activities performed at the site. The areas excavated are presented on **Figure 3**.

4.1 Excavation/Boring Permit

Aerostar obtained excavation/boring permits from the Fort Buchanan DPW prior to the excavation field activities. One excavation permit was requested for the initial excavations field work July 2015 and a second one was requested for the additional excavation field work September 2015.

Due to the location of the different excavations and the different utilities identified at the site, extra precautions were taken in account during the field work. The excavation permits presented water, sewer, and fiber optic lines at close proximity of the excavations. Excavation 1 was located above the fiber optic principal line that runs from northwest to southeast along the green area east of Columbus Street. The fiber optic bundle of lines consisted of six, 4-inch diameter polyvinyl chloride (PVC) conduits located at a depth of three feet below land surface (BLS). The fiber optic line defined the maximum depth of Excavation 1.

4.2 Utility Locate

Prior to initiating the soil excavations, Aerostar performed a utility locate over each area to be excavated to determine if subsurface utilities were present. Aerostar utilized a Noggin Ground

Penetrating Radar (GPR) equipped with 20 MHz and 500 MHz antennas, and a Rigid Seek-Tech SR-60 Pipe and Cable Line Locator to locate subsurface utilities. The survey was conducted following Quality Level B (QL-B) standards. Utilities found during the survey were marked using spray paint and flags. The utility survey revealed several lines and anomalies that were not present on the excavation permits diagrams and maps.

One key utility revealed during the survey was an electric line located west of Excavation 1, between the excavation boundary and the asphalt. The presence of that utility prohibited the extension of Excavation 1 to the west.

The utility survey could not identify the fiber optics conduits due to the depth and that no electromagnetic tape was installed during its construction. The location of the fiber optic conduits directly beneath Excavation 1 was confirmed with Fort Buchanan DPW.

4.3 Excavation Activities - July 2015

On July 14, 2015, Aerostar mobilized to the site to perform the excavations and sampling as per the Supplemental Work Plan dated June 2015. A total of 40 cubic yards (yd^3) of impacted soil was placed in two roll-offs for off-site disposal. In total, five excavations (Excavation 1 through Excavation 5) were dug as per the work plan. Field screening of the soils was conducted during the excavations with an organic vapor analyzer (OVA) equipped with a photoionization detector (PID) showing no detectable organic levels; also no visual indication or odor of hydrocarbon was observed during the excavation activities. Excavation activities are documented in photographs presented in **Appendix A**.

Confirmatory soil samples were collected along the walls and floor of each excavation to show that all of the impacted soil had been excavated. Soil samples were placed in laboratory-supplied containers and analyzed for Volatile Organic Aromatics (VOAs) using Environmental Protection Agency (EPA) method 8260B, Polycyclic Aromatic Hydrocarbons (PAHs) using EPA method 8270C, TPH-DRO and TPH-GRO using EPA method 8015B as described in the Supplemental Work Plan. The analytical results are presented in Section 5.0 of this report and in **Table 2**.

4.4 Excavation Activities - September 2015

Based on the initial results from the confirmatory sampling event from the excavations conducted in July 2015, Aerostar mobilized to the site on September 29, 2015, to excavate additional soil from Excavations 3, 4 and 5. A total of 20 yd^3 of additional soil was excavated and placed in roll-offs for off-site disposal. Field screening of the soils was conducted during the excavations with an OVA-PID showing no detectable organic levels were detected; also no odor of hydrocarbon was observed during the excavation activities. The final areas excavated are presented on **Figure 3**.

The extent of Excavation 1 was limited to the east so at to prevent loss of integrity of the storm water drainage canal concrete wall structure. A soil boring was advanced east of Excavation 1, between the excavation and the storm water drainage concrete wall. The soil sample was a composite sample collected from depths of 0.5 and 2 feet BLS.

The extent of Excavation 2 was limited to the north due to the fiber optic line and to the west by Columbus Street.

The base of Excavation 3 was excavated to a depth of 2.5 feet due to field observations of grayish stained soil.

4.5 Disposal of Impacted Soil

Excavated soil was placed in roll-offs and transported to Ponce Sanitary Landfill (owned by Allied Waste Services) for disposal. A total of 60 yd^3 of non-hazardous soil were manifested for disposal during the CMI. Copies of the disposal manifests from the CMI activities are included in **Appendix B.**

4.6 Site Restoration

Following the excavations, the site was backfilled with clean soil and sod was placed over the site to restore the grass to its original condition.

5.0 CONFIRMATORY SAMPLING RESULTS

The following section provides the results of the CMI. Sampling results are summarized on **Table 2**. The laboratory analytical results for the CMI are illustrated on **Figure 3**. The laboratory analytical reports with the appropriate chain of custody (COC) records for the July and September 2015 events are included as **Appendix C**.

5.1 Excavation 1

Excavation 1 was located between Columbus Street and the storm water drainage canal located east of the former Building 517 and the closest excavation to the former light pole. The excavation at Excavation 1 was dug during July 2015. The excavation was 10 feet wide by 10 feet long and 3 feet deep. The total depth of the excavation was limited to 3 feet because the fiber optic conduits run below the excavated area. The western extent of the excavation was limited by an underground utility line and the eastern extent of the excavation by the storm water drainage canal concrete wall. The excavation wall samples were collected as a composite from the 0.5 feet to 2 feet BLS. The results of the Excavation 1 are as follow:

- East wall sample SS-001-0.5/2.0 showed a TPH-DRO concentration of 2,561 mg/kg, exceeding the USEPA RSL Residential level of 82 mg/kg; however, below the Industrial level of 4,200 mg/kg.
- South wall sample SS-002-0.5-2.0 showed a TPH-DRO concentration of 75.1[1] mg/kg.
- West wall sample SS-003-0.5/2.0 showed a TPH-DRO concentration of 197 mg/kg, exceeding the USEPA RSL Residential level of 82 mg/kg; however, below the Industrial level of 4,200 mg/kg.

[1] I = Laboratory qualifier that designates the sample as an estimated value between the laboratory Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL)

- North wall sample SS-004-0.5-2.0 showed a TPH-DRO concentration of 112 mg/kg, exceeding the USEPA RSL Residential level of 82 mg/kg; however, below the Industrial level of 4,200 mg/kg.
- Floor of the excavation sample SS-005-3.0 collected at 3.0 feet BLS showed a TPH-DRO concentration of 16.6 mg/kg.

All other parameters were below the USEPA RSLs.

In September 2015, the additional sample SS-030-0.5/2.0 was collected between the east wall sample SS-001-0.5/2.0 and the storm water drainage concrete wall and showed a TPH-DRO concentration of 7.1 I mg/kg.

Additional excavations could not be conducted to the east due to the structural integrity of the storm water drainage concrete wall, to the west due an underground utility line and the asphalt road and to the north due to the fiber optic conduit line.

5.2 Excavation 2

Excavation 2 was located between Columbus Street and the drainage canal located east of the former Building 517, and northwest of Excavation 1. This excavation was located almost perpendicular to the intersection of Isabella Street and Columbus Street. The excavation at Excavation 2 was dug during July 2015. The excavation was 10 feet wide by 10 feet long and 1 foot deep. The western extent of the excavation was limited by Columbus Street and the eastern extent of the excavation by the storm water drainage concrete wall. The results of the Excavation 2 are as follow:

- East wall sample SS-006-0.5 showed a TPH-DRO concentration of 19.2 mg/kg.
- South wall sample SS-007-0.5 showed a TPH-DRO concentration of 25.5 mg/kg.
- West wall sample SS-008-0.5 showed a TPH-DRO concentration of 666 mg/kg, exceeding the USEPA RSL Residential level of 82 mg/kg; however, below the Industrial level of 4,200 mg/kg.
- North wall sample SS-009-0.5 showed a TPH-DRO concentration of 113 mg/kg, exceeding the USEPA RSL Residential level of 82 mg/kg; however, below the Industrial level of 4,200 mg/kg.
- Floor of the excavation sample SS-010-1.0 collected at 1.0 feet BLS showed a TPH-DRO concentration of 72.8 mg/kg.

All other parameters were below the USEPA RSLs.

5.3 Excavation 3

Excavation 3 was located on the southern part of the site, west of Columbus Street, and was the closest excavation to the former Building 504. The initial excavation was performed in July 2015. The excavation was 10 feet wide by 10 feet long and 1 foot deep. The results of the Excavation 3 are as follow:

- East wall sample SS-011-0.5 showed a TPH-DRO concentration of 41.0 mg/kg.
- South wall sample SS-012-0.5 showed a TPH-DRO concentration of 940 mg/kg exceeding the USEPA RSL Residential level of 82 mg/kg; however, below the Industrial level of 4,200 mg/kg.
- West wall sample SS-013-0.5 and Dup. 001 showed TPH-DRO concentrations of 3,070 mg/kg and 208 mg/kg, respectfully; exceeding the USEPA RSL Residential level of 82 mg/kg; however, below the Industrial level of 4,200 mg/kg.
- North wall sample SS-014-0.5 showed a TPH-DRO concentration of 1,108 mg/kg, exceeding the USEPA RSL Residential level of 82 mg/kg; however, below the Industrial level of 4,200 mg/kg.
- Floor sample SS-015-1.0 collected at 1.0 feet BLS showed a TPH-DRO concentration of 15.1 mg/kg.

All other parameters were below the USEPA RSLs.

Due to the exceedances of TPH-DRO, additional soil was excavated in September 2015 to remove the contaminated soil. The results of the additional excavation confirmation soil sampling are as follows:

- North wall was excavated up to the southern wall of Excavation 4.
- South wall sample SS-034-1.0 showed a TPH-DRO concentration of 42.3 mg/kg.
- West wall sample SS-033-0.5 showed TPH-DRO concentration of 7.4 I mg/kg, below the USEPA RSL Residential level of 82 mg/kg; however the results showed a benzo(a)pyrene concentration of 0.032 I mg/kg, exceeding the USEPA RSL Residential level for benzo(a)pyrene concentration of 0.015 mg/kg; however, below the USEPA RSL Industrial level of 0.29 mg/kg.
- Floor sample SS-035-2.5 collected at 2.5 feet BLS showed a TPH-DRO concentration of 3.9 I mg/kg.

All other parameters were below the USEPA RSLs.

5.4 Excavation 4

Excavation 4 was located west of Columbus Street between Excavations 3 and 5. The initial excavation was performed in July 2015. The excavation was 10.0 feet wide by 10.0 feet long and 1.0 feet deep. The results of the Excavation 4 are as follow:

- East wall sample SS-016-0.5 showed a TPH-DRO concentration of 30.8 mg/kg.
- South wall sample SS-017-0.5 showed a TPH-DRO concentration of 80.1 mg/kg.
- West wall sample SS-018-0.5 showed a TPH-DRO concentration of 358 mg/kg, exceeding the USEPA RSL Residential level of 82 mg/kg; however, below the Industrial level of 4,200 mg/kg.

- North wall sample SS-019-0.5 showed a TPH-DRO concentration of 152 mg/kg, USEPA RSL Residential level of 82 mg/kg; however, below the Industrial level of 4,200 mg/kg and Dup. 002 showed a TPH-DRO concentration of 78.0 mg/kg.
- Floor sample SS-020-1.0 collected at 1.0 feet BLS showed a TPH-DRO concentration of 107 mg/kg, exceeding the USEPA RSL Residential level of 82 mg/kg; however, below the Industrial level of 4,200 mg/kg.

All other parameters were below the USEPA RSLs.

Due to the exceedances of TPH-DRO, 10 yd^3 of additional soil was excavated in September 2015 to remove contaminated soil. The results of the additional excavation confirmation soil sampling are as follows:

- North wall sample SS-031-0.5 showed benzo(a)anthracene, benzo(a)pyrene, and benzo(b)fluoranthene concentrations of 0.32 mg/kg, 0.32 mg/kg, and 0.34 mg/kg, respectfully; exceeding their USEPA RSL Residential levels of 0.15 mg/kg, 0.015 mg/kg, and 0.15 mg/kg. Benzo(a)pyrene also exceeded the USEPA RSL Industrial level of 0.29 mg/kg. The results also showed a TPH-DRO concentration of 71.2 mg/kg.
- West wall sample SS-032-0.5 showed showed benzo(a)anthracene, benzo(a)pyrene, and benzo(b)fluoranthene concentrations of 0.51 mg/kg, 0.56 mg/kg, and 0.66 mg/kg, respectfully; exceeding their USEPA RSL Residential levels of 0.15 mg/kg, 0.015 mg/kg, and 0.15 mg/kg. Benzo(a)pyrene also exceeded the USEPA RSL Industrial level of 0.29 mg/kg. The results also showed a TPH-DRO concentration of 159 mg/kg, exceeding the USEPA RSL Residential level of 82 mg/kg; however, below the Industrial level of 4,200 mg/kg.
- Floor sample SS-036-1.0 collected at 1.0 feet BLS showed a TPH-DRO concentration of 8.7 I mg/kg.

All other parameters were below the USEPA RSLs.

5.5 Excavation 5

Excavation 5 was located on the northern side of the site, southwest of the intersection of Columbus Street and Isabella Street. The initial excavation was performed in July 2015. The excavation was 10.0 feet wide by 10.0 feet long and 1.0 feet deep. The results of the Excavation 5 are as follow:

- East wall sample SS-021-0.5 showed a TPH-DRO concentration of 102 mg/kg, exceeding the USEPA RSL Residential level of 82 mg/kg; however, below the Industrial level of 4,200 mg/kg.
- South wall sample SS-022-0.5 showed a TPH-DRO concentration of 44.3 mg/kg and Dup. 003 showed a TPH-DRO concentration of 1,640 mg/kg, exceeding the USEPA RSL Residential level of 82 mg/kg; however, below the Industrial level of 4,200 mg/kg.

- West wall sample SS-023-0.5 showed a TPH-DRO concentration of 790.5 mg/kg, exceeding the USEPA RSL Residential level of 82 mg/kg; however, below the Industrial level of 4,200 mg/kg.
- North wall sample SS-024-0.5 showed a TPH-DRO concentration of 854 mg/kg, exceeding the USEPA RSL Residential level of 82 mg/kg; however, below the Industrial level of 4,200 mg/kg.
- Floor sample SS-025-1.0 collected at 1.0 feet BLS showed a TPH-DRO concentration of 68.2 mg/kg.

All other parameters were below the USEPA RSLs.

Due to the exceedances of TPH-DRO, 10 yd^3 of additional soil was excavated in September 2015 to remove contaminated soil. The results of the additional excavation confirmation soil sampling are as follows:

- North wall sample SS-028-0.5 showed a TPH-DRO concentration of 10.2 I mg/kg.
- South wall sample SS-026-0.5 showed benzo(a)anthracene, benzo(a)pyrene, and benzo(b)fluoranthene concentrations of 1.8 mg/kg, 1.5 mg/kg, and 1.7 mg/kg, respectfully; exceeding their USEPA RSL Residential levels of 0.15 mg/kg, 0.015 mg/kg, and 0.15 mg/kg. Benzo(a)pyrene also exceeded the USEPA RSL Industrial level of 0.29 mg/kg.
- West wall sample SS-028-0.5 showed a TPH-DRO concentration of 20.8 mg/kg.
- Floor sample SS-029-1.0 showed showed a benzo(a)pyrene concentration of 0.11 I mg/kg, exceeding the USEPA RSL Residential level of 0.015 mg/kg, and Floor sample DUP-04 showed benzo(a)anthracene, benzo(a)pyrene, and benzo(b)fluoranthene concentrations of 0.61 mg/kg, 0.42 mg/kg, and 0.50 mg/kg, respectfully; exceeding their USEPA RSL Residential levels of 0.15 mg/kg, 0.015 mg/kg, and 0.15 mg/kg. Benzo(a)pyrene also exceeded the USEPA RSL Industrial level of 0.29 mg/kg.

All other parameters were below the USEPA RSLs.

6.0 CONCLUSIONS

Previous investigations identified soil contamination exceeding the PREQB UST regulations (2011), UST Cleanup Levels (2014), and USEPA RSL (2015) associated with the replacement of the light pole west of Columbus Street and activities associated with the former Building 517 generators. In July and September 2015, a total of 60 yd^3 of contaminated soil were excavated, manifested, and disposed of off-site. Soil samples collected following the excavations showed a reduction in TPH-DRO concentrations. Several soil sample locations remain above the USEPA RSL Residential level for PAHs; however, with the exception of benzo(a)pyrene, the PAHs were below the USEPA RSL Industrial level.

Additional excavations could not be conducted to the east of Excavations 1 and 2 due to the structural integrity of the storm water drainage concrete wall, to the west due an underground utility line and the asphalt road, and to the north due to the fiber optic conduit line.

Soil impacts from the remaining PAHs that exceed USEPA RSL could be attributed to surface run-off from the resurfaced roads and subsequently spread across the site during the removal of the former Building 517 and not believed to be from previous DOL activities.

7.0 RECOMMENDATIONS

Aerostar recommends no additional remedial activities based on the results obtained from the September 2015 excavation confirmatory soil sampling.

8.0 REFERENCES

Aerostar SES LLC, *Final RCRA Facility Investigation – Building 517 (CCFTB-038), Cleanup and Compliance Projects 2013 Continuation at Fort Buchanan, Guaynabo, Puerto Rico*, April 2015

Aerostar SES LLC, *Final Supplemental Work Plan – Building 517 (CCFTB-038), Cleanup and Compliance Projects 2013 Continuation at Fort Buchanan, Guaynabo, Puerto Rico*, June 2015

Aerostar SES LLC, *Final Corrective Measure Study – Building 517 (CCFTB-038), Cleanup and Compliance Projects 2013 Continuation at Fort Buchanan, Guaynabo, Puerto Rico*, June 2015

Aerostar SES LLC, *Final Decision Document – Building 517 (CCFTB-038), Cleanup and Compliance Projects 2013 Continuation at Fort Buchanan, Guaynabo, Puerto Rico*, June 2015

Commonwealth of Puerto Rico, Office of the Governor, *Environmental Quality Board (PREQB), Puerto Rico UST Regulation*, March 2011

Commonwealth of Puerto Rico, Office of the Governor, *Environmental Quality Board (PREQB), Puerto Rico Regulations for the Control of Underground Storage Tanks*, December 2014

TABLE

TABLE 2
Corrective Measures Implementation (CMI) - Building 517
Soil Analytical Summary
Fort Buchanan, Puerto Rico

Analyte	PREQB UST UST Soil Standard (2011)	USEPA RSL (Nov 2015) PREQB UST Soil Cleanup Levels (2014)		Units	Sample Location	SB-10			Excavation 1					
					Sample Depth	0-0.5 ft	2 ft		0.5 - 2 ft					3 ft
					Wall Direction				East		South	West	North	Floor
					Sample ID	SB-10-0-0.5	SB-10-2	DUP-04	SS-001-0.5/2.0	SS-030-0.5/2.0	SS-002-0.5/2.0	SS-003-0.5/2.0	SS-004-0.5/2.0	SS-005-3.0
					Lab ID	2180715	2180716	2180705	AT-15-6878	35209602005	AT-15-6879	AT-15-6880	AT-15-6881	AT-15-6882
		Residential	Commercial/ Industrial		Sample Date	3/13/2014	3/13/2014	3/13/2014	7/15/2015	9/29/2015	7/15/2015	7/15/2015	7/15/2015	7/15/2015
VOC - Method 5035/8260B														
Benzene	5	1.2	5.1	mg/kg		0.0003 U	0.0003 U	0.0003 U	0.39 U	0.0036 U	0.38 U	0.38 U	0.35 U	0.39 U
Ethylbenzene	10	5.8	25	mg/kg		0.0002 U	0.0002 U	0.0002 U	0.47 U	0.0040 U	0.46 U	0.48 U	0.42 U	0.46 U
Toluene	10	490	4700	mg/kg		0.0002 U	0.0002 U	0.0002 U	0.41 U	0.0038 U	0.40 U	0.40 U	0.37 U	0.41 U
m,p-Xylenes	NE	560	2400	mg/kg		0.0005 U	0.0005 U	0.0005 U	0.51 U	0.0072 U	0.50 U	0.49 U	0.46 U	0.50 U
o-Xylene	NE	650	2800	mg/kg		0.0002 U	0.0002 U	0.0002 U	0.37 U	0.0036 U	0.36 U	0.36 U	0.34 U	0.37 U
Total Xylene	10	58	250	mg/kg		0.0005 U	0.0005 U	0.0005 U	0.88 U	0.0072 U	0.86 U	0.85 U	0.80 U	0.84 U
Ethylene Dibromide (EDB)	NE	0.036	0.16	mg/kg		NA	NA	NA	NA	0.0035 U	NA	NA	NA	NA
1,2-cis-Dichloroethylene	NE	16	230	mg/kg		NA	NA	NA	NA	0.0035 U	NA	NA	NA	NA
1,2-trans-Dichloroethylene	NE	160	2300	mg/kg		NA	NA	NA	NA	0.0043 U	NA	NA	NA	NA
Methyl Tert Butyl Ether (MTBE)	39/190	47	210	mg/kg		NA	NA	NA	0.12 U	0.0035 U	0.12 U	0.11 U	0.11 U	0.12 U
SVOC - Method 3541/8270C														
Acenaphthene	NE	3600	45000	mg/kg		0.015 U	0.015 U	0.015 U	0.020 U	0.019 U	0.019 U	0.020 U	0.020 U	0.020 U
Acenaphthylene	NE	NE	NE	mg/kg		0.015 U	0.015 U	0.015 U	0.017 U	0.013 U	0.016 U	0.017 U	0.017 U	0.017 U
Anthracene	NE	1700	23000	mg/kg		**0.018**	0.010 U	0.010 U	0.038 U	0.017 U	0.037 U	0.038 U	0.038 U	0.038 U
Benzo(a)anthracene	NE	0.15	2.9	mg/kg		**0.093**	**0.082**	**0.079**	0.049 U	0.015 U	0.047 U	0.048 U	**3.03**	0.049 U
Benzo(a)pyrene	NE	0.015	0.29	mg/kg		**0.130**	**0.107**	**0.120**	0.025 U	0.015 U	0.024 U	0.025 U	0.025 U	0.025 U
Benzo(b)fluoranthene	NE	0.15	2.9	mg/kg		0.010 U	0.010 U	0.010 U	0.048 U	0.095 U	0.047 U	0.048 U	0.048 U	0.048 U
Benzo(g,h,i)perylene	NE	NE	NE	mg/kg		0.010 U	0.010 U	0.010 U	0.031 U	0.015 U	0.030 U	0.031 U	**2.25**	0.031 U
Benzo(k)fluoranthene	NE	1.5	29	mg/kg		**0.097**	**0.073**	0.010 U	0.053 U	0.027 U	0.052 U	0.053 U	0.053 U	0.054 U
Chrysene	NE	15	290	mg/kg		**0.070**	**0.059**	**0.061**	0.043 U	0.015 U	0.041 U	0.042 U	**3.01**	0.043 U
Dibenzo(a,h)anthracene	NE	NE	NE	mg/kg		0.010 U	0.010 U	0.010 U	0.037 U	0.019 U	0.036 U	0.037 U	0.037 U	0.038 U
Fluoranthene	NE	230	3000	mg/kg		**0.183**	**0.169**	**0.145**	0.015 U	0.017 U	0.015 U	**2.06**	**7.85**	0.015 U
Fluorene	NE	230	3000	mg/kg		0.015 U	0.015 U	0.015 U	0.022 U	0.016 U	0.021 U	0.022 U	0.022 U	0.022 U
Indeno(1,2,3-cd)pyrene	NE	0.16	2.9	mg/kg		0.010 U	0.010 U	0.010 U	0.042 U	0.022 U	0.041 U	0.042 U	0.041 U	0.042 U
1-Methylnaphthalene	NE	18	73	mg/kg		0.020 U	0.020 U	0.020 U	0.013 U	0.021 U	0.013 U	0.013 U	0.013 U	0.013 U
2-Methylnaphthalene	NE	240	3000	mg/kg		0.020 U	0.020 U	0.020 U	0.013 U	0.017 U	0.012 U	0.013 U	0.012 U	0.013 U
Naphthalene	NE	3.8	17	mg/kg		0.015 U	0.015 U	0.015 U	0.0064 U	0.041 U	0.0062 U	0.0063 U	0.0063 U	0.0064 U
Phenanthrene	NE	2100	4300	mg/kg		**0.080**	**0.066**	**0.054**	0.040 U	0.048 U	0.038 U	0.039 U	**4.86**	0.040 U
Pyrene	NE	170	2300	mg/kg		**0.159**	**0.141**	**0.131**	0.013 U	0.013 U	0.012 U	**1.42**	**6.22**	0.013 U
TPH - Method 8015 B														
DRO (C10-C28)	100	82	4200	mg/kg		10.0 U	10.0 U	10.0 U	**2561**	**7.1 I**	**75.1**	**197**	**112**	**16.6**
GRO (C6-C10)	100	82	4200	mg/kg		0.050 U	0.050 U	0.050 U	33 U	**1.6 I**	32 U	32 U	30 U	32 U

Data Qualifiers:
U - Not Detected above the Minimum Detection Level (MDL)
I - Reported value is between the laboratory MDL and the laboratory practical quantitation limit.
Notes:
PREQB UST Soil Screening Level - 2014
USEPA Regional Screening Levels (RSL) - Nov 2015
NE - No screening level established
NA - not analyzed
BOLD - detections
Highlighted - dectected above the screening level
Units:
mg/kg - milligrams per kilogram (ppm)

TABLE 2
Corrective Measures Implementation (CMI) - Building 517
Soil Analytical Summary
Fort Buchanan, Puerto Rico

Analyte	PREQB UST UST Soil Standard (2011)	USEPA RSL (Nov 2015) PREQB UST Soil Cleanup Levels (2014)		Units	SB-8	Excavation 2				
					0-0.5 ft	0.5 ft				1 ft
						East	South	West	North	Floor
		Residential	Commercial/ Industrial		SB-8-0-0.5	SS-006-0.5	SS-007-0.5	SS-008-0.5	SS-009-0.5	SS-010-1.0
					2180101	AT-15-6883	AT-15-6884	AT-15-6885	AT-15-6886	AT-15-6887
					3/13/2014	7/15/2015	7/15/2015	7/15/2015	7/15/2015	7/15/2015
VOC - Method 5035/8260B										
Benzene	**5**	**1.2**	**5.1**	mg/kg	0.0003 U	0.40 U	0.40 U	0.39 U	0.40 U	0.35 U
Ethylbenzene	**10**	**5.8**	**25**	mg/kg	0.0002 U	0.48 U	0.48 U	0.47 U	0.48 U	0.42 U
Toluene	**10**	**490**	**4700**	mg/kg	0.0002 U	0.42 U	0.42 U	0.41 U	0.42 U	0.37 U
m,p-Xylenes	**NE**	**560**	**2400**	mg/kg	0.0005 U	0.51 U	0.51 U	0.51 U	0.51 U	0.46 U
o-Xylene	**NE**	**650**	**2800**	mg/kg	0.0002 U	0.38 U	0.38 U	0.37 U	0.38 U	0.34 U
Total Xylene	**10**	**58**	**250**	mg/kg	0.0007 U	0.89 U	0.89 U	0.88 U	0.89 U	0.80 U
Ethylene Dibromide (EDB)	**NE**	**0.036**	**0.16**	mg/kg	NA	NA	NA	NA	NA	NA
1,2-cis-Dichloroethylene	**NE**	**16**	**230**	mg/kg	NA	NA	NA	NA	NA	NA
1,2-trans-Dichloroethylene	**NE**	**160**	**2300**	mg/kg	NA	NA	NA	NA	NA	NA
Methyl Tert Butyl Ether (MTBE)	**39/190**	**47**	**210**	mg/kg	NA	0.12 U	0.12 U	0.12 U	0.12 U	0.11 U
SVOC - Method 3541/8270C										
Acenaphthene	**NE**	**3600**	**45000**	mg/kg	**0.478**	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
Acenaphthylene	**NE**	**NE**	**NE**	mg/kg	0.015 U	0.017 U	0.017 U	0.017 U	0.017 U	0.017 U
Anthracene	**NE**	**1700**	**23000**	mg/kg	**0.673**	0.038 U	0.038 U	0.038 U	0.038 U	0.037 U
Benzo(a)anthracene	**NE**	**0.15**	**2.9**	mg/kg	**3.099**	0.049 U	0.048 U	0.049 U	0.049 U	0.048 U
Benzo(a)pyrene	**NE**	**0.015**	**0.29**	mg/kg	**4.093**	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Benzo(b)fluoranthene	**NE**	**0.15**	**2.9**	mg/kg	0.010 U	0.048 U	0.048 U	0.049 U	0.049 U	0.047 U
Benzo(g,h,i)perylene	**NE**	**NE**	**NE**	mg/kg	0.010 U	0.031 U	0.031 U	0.032 U	0.032 U	0.031 U
Benzo(k)fluoranthene	**NE**	**1.5**	**29**	mg/kg	**2.693**	0.053 U	0.053 U	0.054 U	0.054 U	0.052 U
Chrysene	**NE**	**15**	**290**	mg/kg	**2.218**	0.043 U	0.042 U	0.043 U	0.043 U	0.042 U
Dibenzo(a,h)anthracene	**NE**	**NE**	**NE**	mg/kg	0.010 U	0.037 U	0.037 U	0.038 U	0.038 U	0.037 U
Fluoranthene	**NE**	**230**	**3000**	mg/kg	**5.056**	0.015 U	**1.32**	0.015 U	**1.29**	0.015 U
Fluorene	**NE**	**230**	**3000**	mg/kg	**0.233**	0.022 U	0.022 U	0.022 U	0.022 U	0.022 U
Indeno(1,2,3-cd)pyrene	**NE**	**0.16**	**2.9**	mg/kg	0.010 U	0.042 U	0.041 U	0.042 U	0.042 U	0.041 U
1-Methylnaphthalene	**NE**	**18**	**73**	mg/kg	0.020 U	0.013 U	0.013 U	0.013 U	0.014 U	0.013 U
2-Methylnaphthalene	**NE**	**240**	**3000**	mg/kg	0.020 U	0.013 U	0.012 U	0.013 U	0.013 U	0.012 U
Naphthalene	**NE**	**3.8**	**17**	mg/kg	0.015 U	0.0064 U	0.0063 U	0.0065 U	0.0065 U	0.0063 U
Phenanthrene	**NE**	**2100**	**4300**	mg/kg	**3.063**	0.040 U	0.039 U	0.040 U	0.040 U	0.039 U
Pyrene	**NE**	**170**	**2300**	mg/kg	**4.383**	0.013 U	0.012 U	0.013 U	**1.30**	0.012 U
TPH - Method 8015 B										
DRO (C10-C28)	**100**	**82**	**4200**	mg/kg	**154**	**19.2**	**25.5**	**666**	**113**	**72.8**
GRO (C6-C10)	**100**	**82**	**4200**	mg/kg	0.050 U	33 U	33 U	33 U	33 U	30 U

Data Qualifiers:
U - Not Detected above the Minimum Detection Level (MDL)
I - Reported value is between the laboratory MDL and the laboratory practical quantitation limit.
Notes:
PREQB UST Soil Screening Level - 2014
USEPA Regional Screening Levels (RSL) - Nov 2015
NE - No screening level established
NA - not analyzed
BOLD - detections
Highlighted - dectected above the screening level
Units:
mg/kg - milligrams per kilogram (ppm)

TABLE 2
Corrective Measures Implementation (CMI) - Building 517
Soil Analytical Summary
Fort Buchanan, Puerto Rico

Analyte	PREQB UST UST Soil Standard (2011)	USEPA RSL (Nov 2015) PREQB UST Soil Cleanup Levels (2014)		Units	SB-1	Excavation 3								
					0-0.5 ft	0.5 ft							1 ft	2.5 ft
						East	South		West			North	Floor	Floor
		Residential	Commercial/ Industrial		SB-1-0-0.5	SS-011-0.5	SS-012-0.5	SS-034-1.0	SS-013-0.5	Dup. 001	SS-033-0.5	SS-014-0.5	SS-015-1.0	SS-035-2.5
					2180084	AT-15-6888	AT-15-6889	35209602009	AT-15-6890	AT-15-6903	35209602008	AT-15-6891	AT-15-6892	35209602010
				Units	3/12/2014	7/15/2015	7/15/2015	9/29/2015	7/15/2015		9/29/2015	7/15/2015	7/15/2015	9/29/2015
VOC - Method 5035/8260B														
Benzene	5	1.2	5.1	mg/kg	0.0003 U	0.34 U	0.34 U	0.0025 U	0.40 U	0.37 U	0.0025 U	0.36 U	0.38 U	0.0027 U
Ethylbenzene	10	5.8	25	mg/kg	**0.0008**	0.41 U	0.41 U	0.0027 U	0.48 U	0.44 U	0.0027 U	0.44 U	0.43 U	0.0029 U
Toluene	10	490	4700	mg/kg	0.0002 U	0.36 U	0.36 U	0.0026 U	0.42 U	0.39 U	0.0026 U	0.38 U	0.37 U	0.0028 U
m,p-Xylenes	NE	560	2400	mg/kg	**0.0033**	0.45 U	0.45 U	0.0049 U	0.52 U	0.48 U	0.0050 U	0.47 U	0.46 U	0.0054 U
o-Xylene	NE	650	2800	mg/kg	**0.0013**	0.33 U	0.33 U	0.0025 U	0.38 U	0.35 U	0.0025 U	0.35 U	0.34 U	0.0027 U
Total Xylene	10	58	250	mg/kg	**0.0046**	0.78 U	0.78 U	0.0073 U	0.90 U	0.83 U	0.0075 U	0.82 U	0.80 U	0.0081 U
Ethylene Dibromide (EDB)	NE	0.036	0.16	mg/kg	NA	NA	NA	0.0024 U	NA	NA	0.0024 U	NA	NA	0.0026 U
1,2-cis-Dichloroethylene	NE	16	230	mg/kg	NA	NA	NA	0.0024 U	NA	NA	0.0024 U	NA	NA	0.0026 U
1,2-trans-Dichloroethylene	NE	160	2300	mg/kg	NA	NA	NA	0.0029 U	NA	NA	0.0030 U	NA	NA	0.0032 U
Methyl Tert Butyl Ether (MTBE)	39/190	47	210	mg/kg	NA	0.10 U	0.10 U	0.0024 U	0.12 U	0.11 U	0.0024 U	0.11 U	0.11 U	0.0026 U
SVOC - Method 3541/8270C														
Acenaphthene	NE	3600	45000	mg/kg	0.015 U	0.020 U	0.019 U	0.038 U	0.019 U	0.020 U	0.0053 U	0.020 U	0.020 U	0.037 U
Acenaphthylene	NE	NE	NE	mg/kg	0.015 U	0.017 U	0.017 U	0.027 U	0.017 U	0.017 U	0.0038 U	0.017 U	0.017 U	0.026 U
Anthracene	NE	1700	23000	mg/kg	**0.105**	0.037 U	0.037 U	0.036 U	0.037 U	0.037 U	**0.0070 I**	0.038 U	0.037 U	0.035 U
Benzo(a)anthracene	NE	0.15	2.9	mg/kg	**0.612**	0.047 U	0.047 U	0.031 U	0.047 U	0.048 U	**0.036 I**	0.049 U	0.048 U	0.030 U
Benzo(a)pyrene	NE	0.015	0.29	mg/kg	**1.068**	0.025 U	0.024 U	0.030 U	0.024 U	0.025 U	**0.032 I**	0.025 U	0.025 U	0.029 U
Benzo(b)fluoranthene	NE	0.15	2.9	mg/kg	0.010 U	0.047 U	0.047 U	0.20 U	0.047 U	0.047 U	**0.039**	0.048 U	0.047 U	0.19 U
Benzo(g,h,i)perylene	NE	NE	NE	mg/kg	0.010 U	0.031 U	0.030 U	0.030 U	0.030 U	0.031 U	**0.039**	0.031 U	0.031 U	0.029 U
Benzo(k)fluoranthene	NE	1.5	29	mg/kg	**0.400**	0.052 U	0.052 U	0.056 U	0.052 U	0.053 U	**0.020 I**	0.054 U	0.052 U	0.054 U
Chrysene	NE	15	290	mg/kg	**0.485**	0.042 U	0.041 U	0.031 U	0.041 U	0.042 U	**0.033 I**	**0.436**	0.042 U	0.030 U
Dibenzo(a,h)anthracene	NE	NE	NE	mg/kg	0.010 U	0.037 U	0.036 U	0.040 U	0.036 U	0.037 U	0.0055 U	0.038 U	0.037 U	0.039 U
Fluoranthene	NE	230	3000	mg/kg	**0.946**	0.015 U	0.015 U	0.035 U	0.015 U	0.015 U	**0.057**	0.015 U	0.015 U	0.034 U
Fluorene	NE	230	3000	mg/kg	0.015 U	0.022 U	0.022 U	0.034 U	0.022 U	0.022 U	0.0047 U	0.022 U	0.022 U	0.033 U
Indeno(1,2,3-cd)pyrene	NE	0.16	2.9	mg/kg	0.010 U	0.041 U	0.041 U	0.045 U	0.041 U	0.041 U	**0.021 I**	0.042 U	0.041 U	0.044 U
1-Methylnaphthalene	NE	18	73	mg/kg	0.020 U	0.013 U	0.013 U	0.043 U	0.013 U	0.013 U	0.0060 U	0.013 U	0.013 U	0.042 U
2-Methylnaphthalene	NE	240	3000	mg/kg	0.020 U	0.012 U	0.012 U	0.034 U	0.012 U	0.012 U	0.0048 U	0.013 U	0.012 U	0.033 U
Naphthalene	NE	3.8	17	mg/kg	0.015 U	0.0062 U	0.0062 U	0.084 U	0.0062 U	0.0063 U	0.012 U	0.0064 U	0.0063 U	0.082 U
Phenanthrene	NE	2100	4300	mg/kg	**0.478**	0.039 U	0.039 U	0.098 U	0.039 U	0.039 U	**0.027 I**	0.040 U	0.039 U	0.095 U
Pyrene	NE	170	2300	mg/kg	**0.880**	0.012 U	0.012 U	0.027 U	0.012 U	0.012 U	**0.056**	**0.604**	0.012 U	0.027 U
TPH - Method 8015 B														
DRO (C10-C28)	100	82	4200	mg/kg	10.0 U	**41.0**	**940**	**42.3**	**3070**	**208**	**7.4 I**	**1108**	**15.1**	**3.9 I**
GRO (C6-C10)	100	82	4200	mg/kg	0.050 U	29 U	29 U	**1.6 I**	33 U	31 U	**1.2 I**	30 U	30 U	**1.8 I**

Data Qualifiers:
U - Not Detected above the Minimum Detection Level (MDL)
I - Reported value is between the laboratory MDL and the laboratory practical quantitation limit.
Notes:
PREQB UST Soil Screening Level - 2014
USEPA Regional Screening Levels (RSL) - Nov 2015
NE - No screening level established
NA - not analyzed
BOLD - detections
Highlighted - dectected above the screening level
Units:
mg/kg - milligrams per kilogram (ppm)

TABLE 2
Corrective Measures Implementation (CMI) - Building 517
Soil Analytical Summary
Fort Buchanan, Puerto Rico

Analyte	PREQB UST UST Soil Standard (2011)	USEPA RSL (Nov 2015) PREQB UST Soil Cleanup Levels (2014)		Units	SB-2	Excavation 4								
					0-0.5 ft	0.5 ft							1 ft	
						East	South	West		North			Floor	Floor
		Residential	Commercial/ Industrial		SB-2-0-0.5	SS-016-0.5	SS-017-0.5	SS-018-0.5	SS-032-0.5	SS-019-0.5	Dup. 002	SS-031-0.5	SS-020-1.0	SS-036-1.0
					2180087	AT-15-6893	AT-15-6894	AT-15-6895	35209602007	AT-15-6896	AT-15-6904	35209602006	AT-15-6897	35209602011
					3/12/2014	7/15/2015	7/15/2015	7/15/2015	9/29/2015	7/15/2015		9/29/2015	7/15/2015	9/29/2015
VOC - Method 5035/8260B														
Benzene	5	1.2	5.1	mg/kg	0.0003 U	0.36 U	0.36 U	0.37 U	0.0022 U	0.36 U	0.39 U	0.0021 U	0.36 U	0.0027 U
Ethylbenzene	10	5.8	25	mg/kg	0.0002 U	0.43 U	0.43 U	0.44 U	0.0024 U	0.43 U	0.47 U	0.0024 U	0.43 U	0.0030 U
Toluene	10	490	4700	mg/kg	0.0002 U	0.38 U	0.38 U	0.39 U	0.0023 U	0.38 U	0.41 U	0.0023 U	0.38 U	0.0029 U
m,p-Xylenes	NE	560	2400	mg/kg	0.0005 U	0.47 U	0.47 U	0.48 U	0.0044 U	0.47 U	0.51 U	0.0043 U	0.47 U	0.0055 U
o-Xylene	NE	650	2800	mg/kg	0.0002 U	0.34 U	0.34 U	0.35 U	0.0022 U	0.34 U	0.37 U	0.0022 U	0.34 U	0.0027 U
Total Xylene	10	58	250	mg/kg	0.0007 U	0.81 U	0.81 U	0.83 U	0.0066 U	0.81 U	0.88 U	0.0065 U	0.81 U	0.0082 U
Ethylene Dibromide (EDB)	NE	0.036	0.16	mg/kg	NA	NA	NA	NA	0.0022 U	NA	NA	0.0021 U	NA	0.0027 U
1,2-cis-Dichloroethylene	NE	16	230	mg/kg	NA	NA	NA	NA	0.0022 U	NA	NA	0.0021 U	NA	0.0027 U
1,2-trans-Dichloroethylene	NE	160	2300	mg/kg	NA	NA	NA	NA	0.0026 U	NA	NA	0.0025 U	NA	0.0033 U
Methyl Tert Butyl Ether (MTBE)	39/190	47	210	mg/kg	NA	0.11 U	0.11 U	0.11 U	0.0022 U	0.11 U	0.12 U	0.0021 U	0.11 U	0.0027 U
SVOC - Method 3541/8270C														
Acenaphthene	NE	3600	45000	mg/kg	0.015 U	0.020 U	0.020 U	0.020 U	**0.030 I**	0.020 U	0.020 U	**0.0022 I**	0.020 U	0.036 U
Acenaphthylene	NE	NE	NE	mg/kg	0.015 U	0.017 U	0.017 U	0.017 U	**0.0058 I**	0.017 U	0.017 U	0.0037 U	0.017 U	0.025 U
Anthracene	NE	1700	23000	mg/kg	**0.082**	0.038 U	0.038 U	0.037 U	**0.11**	0.038 U	0.037 U	**0.086**	0.038 U	0.033 U
Benzo(a)anthracene	NE	0.15	2.9	mg/kg	**0.293**	0.048 U	0.049 U	0.048 U	**0.51**	0.048 U	0.047 U	**0.32**	0.048 U	0.029 U
Benzo(a)pyrene	NE	0.015	0.29	mg/kg	**0.781**	0.025 U	0.025 U	0.025 U	**0.56**	0.025 U	0.025 U	**0.32**	0.025 U	0.028 U
Benzo(b)fluoranthene	NE	0.15	2.9	mg/kg	0.010 U	0.048 U	0.049 U	0.047 U	**0.66**	0.048 U	0.047 U	**0.34**	0.048 U	0.18 U
Benzo(g,h,i)perylene	NE	NE	NE	mg/kg	0.010 U	0.031 U	0.032 U	0.031 U	**0.60**	0.031 U	0.031 U	**0.28**	0.031 U	0.028 U
Benzo(k)fluoranthene	NE	1.5	29	mg/kg	**0.367**	0.053 U	0.054 U	0.053 U	**0.29**	0.053 U	0.052 U	**0.16**	0.053 U	0.052 U
Chrysene	NE	15	290	mg/kg	**0.243**	0.043 U	0.043 U	0.042 U	**0.56**	0.042 U	0.042 U	**0.37**	0.042 U	0.029 U
Dibenzo(a,h)anthracene	NE	NE	NE	mg/kg	0.010 U	0.037 U	0.038 U	0.037 U	**0.093**	0.037 U	0.037 U	**0.038**	0.037 U	0.037 U
Fluoranthene	NE	230	3000	mg/kg	**0.368**	0.015 U	**0.418**	0.015 U	**0.92**	**0.328**	**0.269**	**0.62**	0.015 U	0.033 U
Fluorene	NE	230	3000	mg/kg	0.015 U	0.022 U	0.022 U	0.022 U	**0.023 I**	0.022 U	0.022 U	**0.027 I**	0.022 U	0.031 U
Indeno(1,2,3-cd)pyrene	NE	0.16	2.9	mg/kg	0.010 U	0.042 U	0.042 U	0.041 U	**0.33**	0.042 U	0.041 U	**0.16**	0.042 U	0.042 U
1-Methylnaphthalene	NE	18	73	mg/kg	0.020 U	0.013 U	0.013 U	**0.336**	**0.0075 I**	0.013 U	0.013 U	0.0058 U	0.013 U	0.040 U
2-Methylnaphthalene	NE	240	3000	mg/kg	0.020 U	0.013 U	0.013 U	**0.389**	**0.0061 I**	0.013 U	0.012 U	**0.0048 I**	0.013 U	0.032 U
Naphthalene	NE	3.8	17	mg/kg	0.015 U	0.0064 U	0.0065 U	0.0063 U	**0.012 I**	0.0064 U	0.0063 U	0.011 U	0.0064 U	0.078 U
Phenanthrene	NE	2100	4300	mg/kg	**0.122**	0.040 U	0.040 U	0.039 U	**0.42**	0.039 U	0.039 U	**0.33**	0.039 U	0.091 U
Pyrene	NE	170	2300	mg/kg	**0.357**	0.013 U	0.013 U	0.012 U	**0.87**	0.013 U	0.012 U	**0.65**	0.013 U	0.026 U
TPH - Method 8015 B														
DRO (C10-C28)	100	82	4200	mg/kg	10.0 U	**30.8**	**80.1**	**358**	**159**	**152**	**78.0**	**71.2**	**107**	**8.7 I**
GRO (C6-C10)	100	82	4200	mg/kg	0.050 U	30 U	30 U	31 U	**1.7 I**	30 U	33 U	**1.3 I**	30 U	**1.7 I**

Data Qualifiers:
U - Not Detected above the Minimum Detection Level (MDL)
I - Reported value is between the laboratory MDL and the laboratory practical quantitation limit.
Notes:
PREQB UST Soil Screening Level - 2014
USEPA Regional Screening Levels (RSL) - Nov 2015
NE - No screening level established
NA - not analyzed
BOLD - detections
Highlighted - dectected above the screening level
Units:
mg/kg - milligrams per kilogram (ppm)

TABLE 2
Corrective Measures Implementation (CMI) - Building 517
Soil Analytical Summary
Fort Buchanan, Puerto Rico

Analyte	PREQB UST UST Soil Standard (2011)	USEPA RSL (Nov 2015) PREQB UST Soil Cleanup Levels (2014)		Units	SB-7	Excavation 5										
					0-0.5 ft	0.5 ft								1 ft		
						East	South			West		North		Floor	Floor	
		Residential	Commercial/ Industrial		SB-7-0-0.5	SS-021-0.5	SS-022-0.5	Dup. 003	SS-026-0.5	SS-023-0.5	SS-027-0.5	SS-024-0.5	SS-028-0.5	SS-025-1.0	SS-029-1.0	DUP-04
					2180100	AT-15-6898	AT-15-6899	AT-15-6905	35209602001	AT-15-6900	35209602002	AT-15-6901	35209602003	AT-15-6902	35209602003	35209602012
				Units	3/12/2014	7/15/2015	7/15/2015		9/29/2015	7/15/2015	9/29/2015	7/15/2015	9/29/2015	7/15/2015	9/29/2015	
VOC - Method 5035/8260B																
Benzene	5	1.2	5.1	mg/kg	0.0003 U	0.37 U	0.38 U	0.39 U	0.0033 U	0.39 U	0.0028 U	0.38 U	0.0035 U	0.39 U	0.0024 U	0.0027 U
Ethylbenzene	10	5.8	25	mg/kg	0.0002 U	0.44 U	0.46 U	0.47 U	0.0036 U	0.47 U	0.0031 U	0.46 U	0.0038 U	0.47 U	0.0027 U	0.0029 U
Toluene	10	490	4700	mg/kg	0.0002 U	0.38 U	0.40 U	0.41 U	0.0034 U	0.41 U	0.0030 U	0.40 U	0.0036 U	0.41 U	0.0036 U	0.0028 U
m,p-Xylenes	NE	560	2400	mg/kg	0.0005 U	0.48 U	0.50 U	0.51 U	0.0066 U	0.51 U	0.0056 U	0.50 U	0.0069 U	0.51 U	0.0049 U	0.0054 U
o-Xylene	NE	650	2800	mg/kg	0.0002 U	0.35 U	0.36 U	0.37 U	0.0033 U	0.37 U	0.0028 U	0.36 U	0.0035 U	0.37 U	0.0025 U	0.0027 U
Total Xylene	10	58	250	mg/kg	0.0007 U	0.83 U	0.86 U	0.88 U	0.0099 U	0.88 U	0.0084 U	0.86 U	0.0104 U	0.88 U	0.0074 U	0.0081 U
Ethylene Dibromide (EDB)	NE	0.036	0.16	mg/kg	NA	NA	NA	NA	0.0032 U	NA	0.0027 U	NA	0.0034 U	NA	0.0024 U	0.0026 U
1,2-cis-Dichloroethylene	NE	16	230	mg/kg	NA	NA	NA	NA	0.0032 U	NA	0.0027 U	NA	0.0034 U	NA	0.0024 U	0.0026 U
1,2-trans-Dichloroethylene	NE	160	2300	mg/kg	NA	NA	NA	NA	0.0039 U	NA	0.0033 U	NA	0.0041 U	NA	0.0029 U	0.0032 U
Methyl Tert Butyl Ether (MTBE)	39/190	47	210	mg/kg	NA	0.11 U	0.12 U	0.12 U	0.0032 U	0.12 U	0.0027 U	0.12 U	0.0034 U	0.12 U	0.0024 U	0.0026 U
SVOC - Method 3541/8270C																
Acenaphthene	NE	3600	45000	mg/kg	0.015 U	0.020 U	0.020 U	0.019 U	**0.11 I**	0.020 U	0.036 U	0.020 U	0.043 U	0.020 U	0.034 U	**0.12 I**
Acenaphthylene	NE	NE	NE	mg/kg	0.015 U	0.017 U	0.017 U	0.017 U	0.027 U	0.017 U	0.026 U	0.017 U	0.031 U	0.017 U	0.024 U	0.024 U
Anthracene	NE	1700	23000	mg/kg	0.010 U	0.038 U	0.038 U	0.037 U	**0.45**	0.038 U	0.034 U	0.038 U	0.040 U	0.038 U	0.032 U	**0.36**
Benzo(a)anthracene	NE	0.15	2.9	mg/kg	0.010 U	0.048 U	0.049 U	0.047 U	**1.8**	0.049 U	**0.12 I**	0.048 U	0.035 U	0.049 U	**0.13 I**	**0.61**
Benzo(a)pyrene	NE	0.015	0.29	mg/kg	0.010 U	0.025 U	0.025 U	0.024 U	**1.5**	0.025 U	**0.091 I**	0.025 U	0.034 U	0.025 U	**0.11 I**	**0.42**
Benzo(b)fluoranthene	NE	0.15	2.9	mg/kg	0.010 U	0.048 U	0.048 U	0.047 U	**1.7**	0.048 U	0.19 U	0.048 U	0.22 U	0.048 U	0.18 U	**0.50**
Benzo(g,h,i)perylene	NE	NE	NE	mg/kg	0.010 U	0.031 U	0.031 U	0.030 U	**0.85**	0.031 U	**0.075 I**	0.031 U	0.034 U	0.031 U	**0.079 I**	**0.25**
Benzo(k)fluoranthene	NE	1.5	29	mg/kg	0.010 U	0.053 U	0.053 U	0.052 U	**0.97**	0.054 U	**0.071 I**	0.053 U	0.064 U	0.054 U	**0.077 I**	**0.23 I**
Chrysene	NE	15	290	mg/kg	0.010 U	0.043 U	0.043 U	0.041 U	**1.6**	0.043 U	**0.11 I**	0.042 U	0.035 U	0.043 U	**0.11 I**	**0.50**
Dibenzo(a,h)anthracene	NE	NE	NE	mg/kg	0.010 U	0.037 U	0.037 U	0.036 U	**0.15 I**	0.038 U	0.038 U	0.037 U	0.045 U	0.038 U	0.036 U	0.036 U
Fluoranthene	NE	230	3000	mg/kg	0.010 U	0.015 U	0.015 U	0.015 U	**3.3**	0.015 U	**0.18 I**	0.015 U	0.040 U	0.015 U	**0.22 I**	**1.3**
Fluorene	NE	230	3000	mg/kg	0.015 U	0.022 U	0.022 U	0.022 U	**0.099 I**	0.022 U	0.032 U	0.022 U	0.038 U	0.022 U	0.030 U	**0.12 I**
Indeno(1,2,3-cd)pyrene	NE	0.16	2.9	mg/kg	0.010 U	0.042 U	0.042 U	0.041 U	**0.73**	0.042 U	**0.050 I**	0.042 U	0.051 U	0.042 U	**0.069 I**	**0.20 I**
1-Methylnaphthalene	NE	18	73	mg/kg	**0.047**	0.013 U	0.013 U	0.013 U	0.043 U	0.013 U	0.041 U	0.013 U	0.049 U	0.013 U	0.039 U	0.039 U
2-Methylnaphthalene	NE	240	3000	mg/kg	**0.050**	0.013 U	0.013 U	0.012 U	0.034 U	**0.272**	0.033 U	0.012 U	0.039 U	0.013 U	0.031 U	0.031 U
Naphthalene	NE	3.8	17	mg/kg	0.015 U	0.0064 U	0.0064 U	0.0062 U	0.084 U	0.0064 U	0.080 U	0.0063 U	0.095 U	0.0064 U	0.075 U	0.075 U
Phenanthrene	NE	2100	4300	mg/kg	**0.119**	0.040 U	0.040 U	0.039 U	**1.7**	0.040 U	0.093 U	0.039 U	0.11 U	0.040 U	**0.10 I**	**1.3**
Pyrene	NE	170	2300	mg/kg	0.010 U	0.013 U	0.013 U	0.012 U	**3.0**	0.013 U	**0.16 I**	0.012 U	0.031 U	0.013 U	**0.20 I**	**1.1**
TPH - Method 8015 B																
DRO (C10-C28)	100	82	4200	mg/kg	**142**	**102**	**44.3**	**1640**	**15.0**	**790.5**	**20.8**	**854**	**10.2 I**	**68.2**	**27.1**	**50.0**
GRO (C6-C10)	100	82	4200	mg/kg	**0.524**	31 U	32 U	33 U	**1.6 I**	33 U	**1.7 I**	32 U	**1.9 I**	33 U	**1.6 I**	**1.5 I**

Data Qualifiers:
U - Not Detected above the Minimum Detection Level (MDL)
I - Reported value is between the laboratory MDL and the laboratory practical quantitation limit.
Notes:
PREQB UST Soil Screening Level - 2014
USEPA Regional Screening Levels (RSL) - Nov 2015
NE - No screening level established
NA - not analyzed
BOLD - detections
Highlighted - dectected above the screening level
Units:
mg/kg - milligrams per kilogram (ppm)

FIGURES

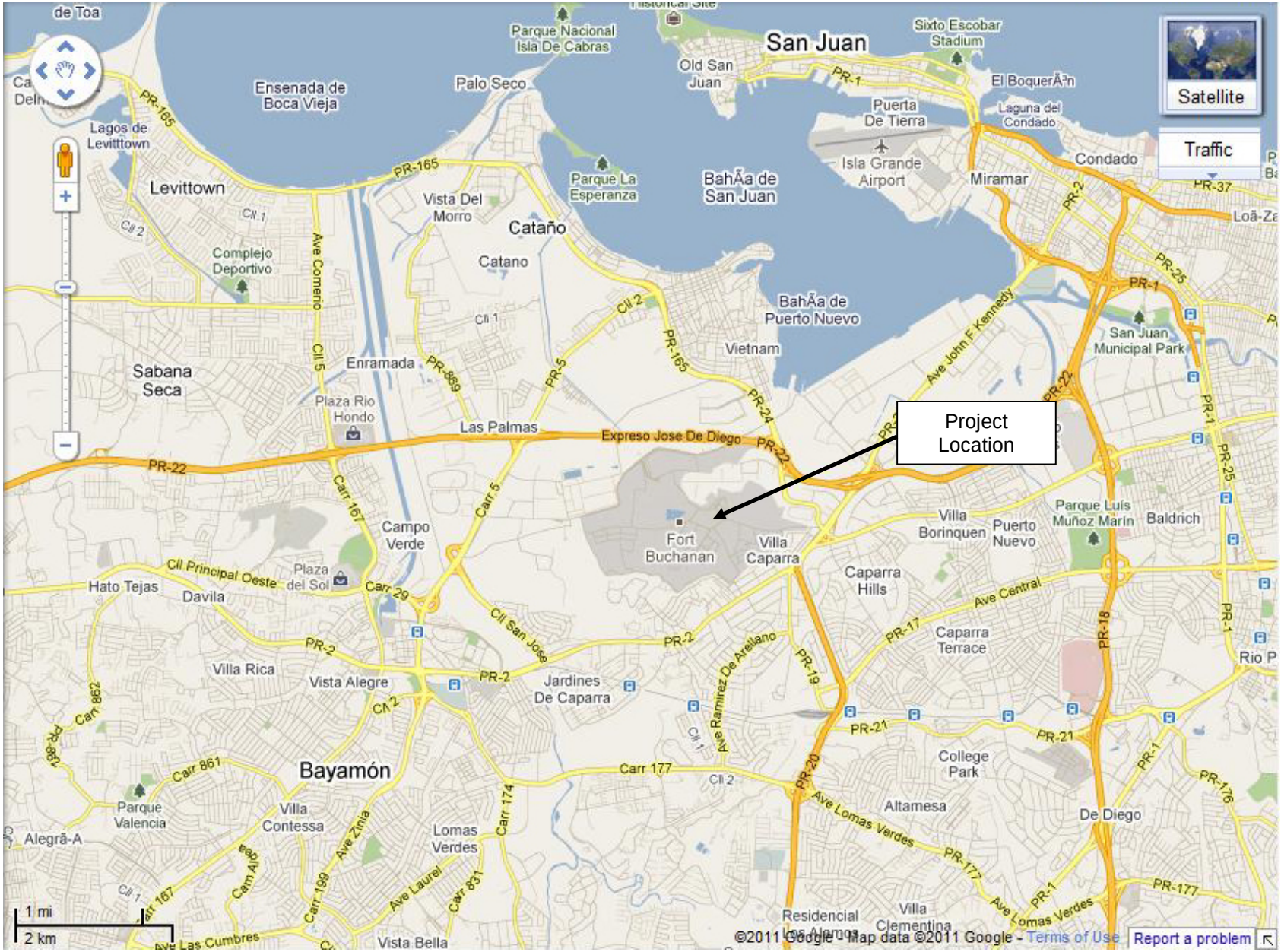


FIGURE 1. SITE LOCATION MAP

AerostarSES LLC

Corrective Measures Implementation
Building 517 (Light Pole)
Fort Buchanan
Guaynabo, Puerto Rico

DRAWN BY: RSL

REFERENCE: Google Maps, Guaynabo, Puerto Rico
Project No.: M3010.0607.0011.09

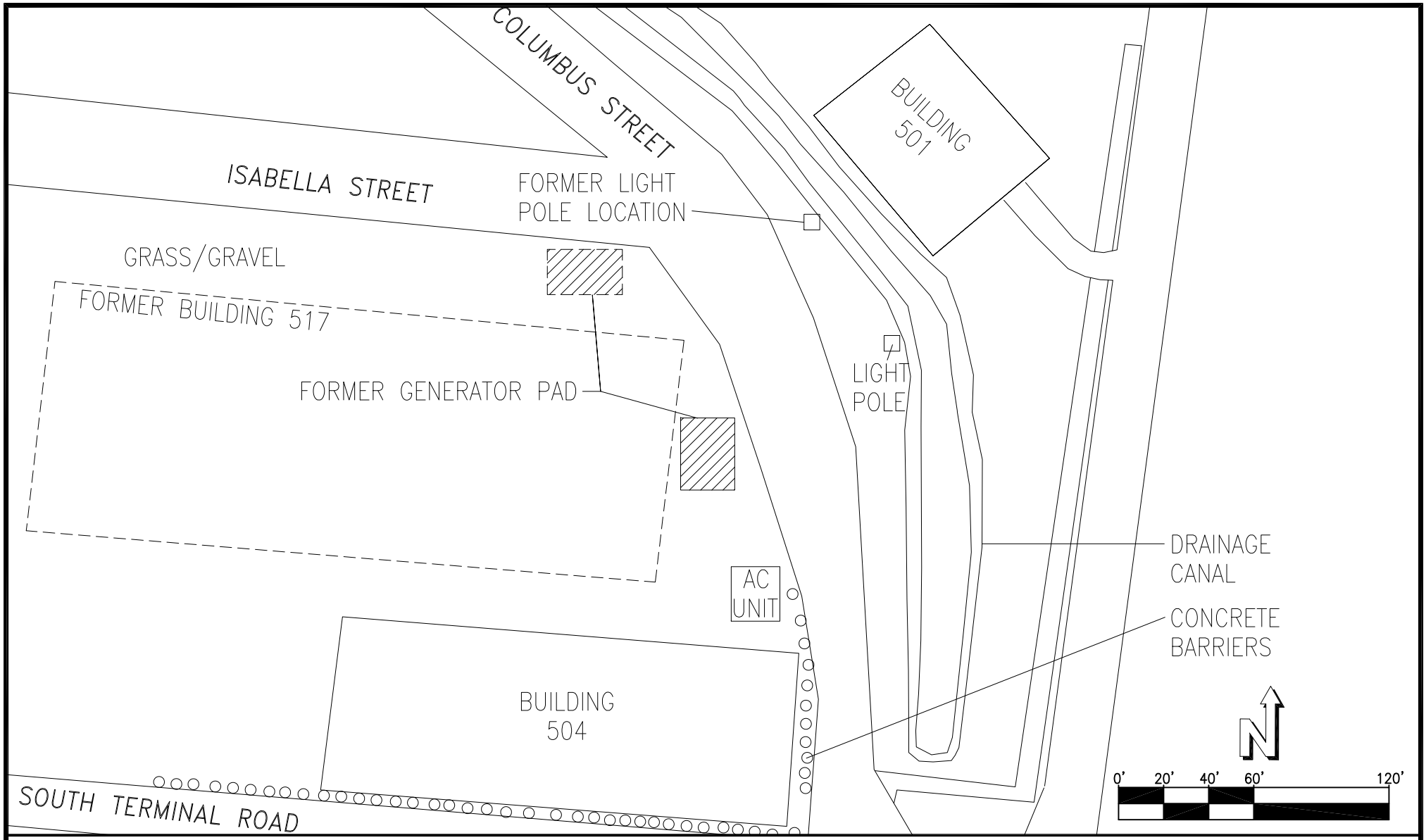


FIGURE 2. SITE PLAN

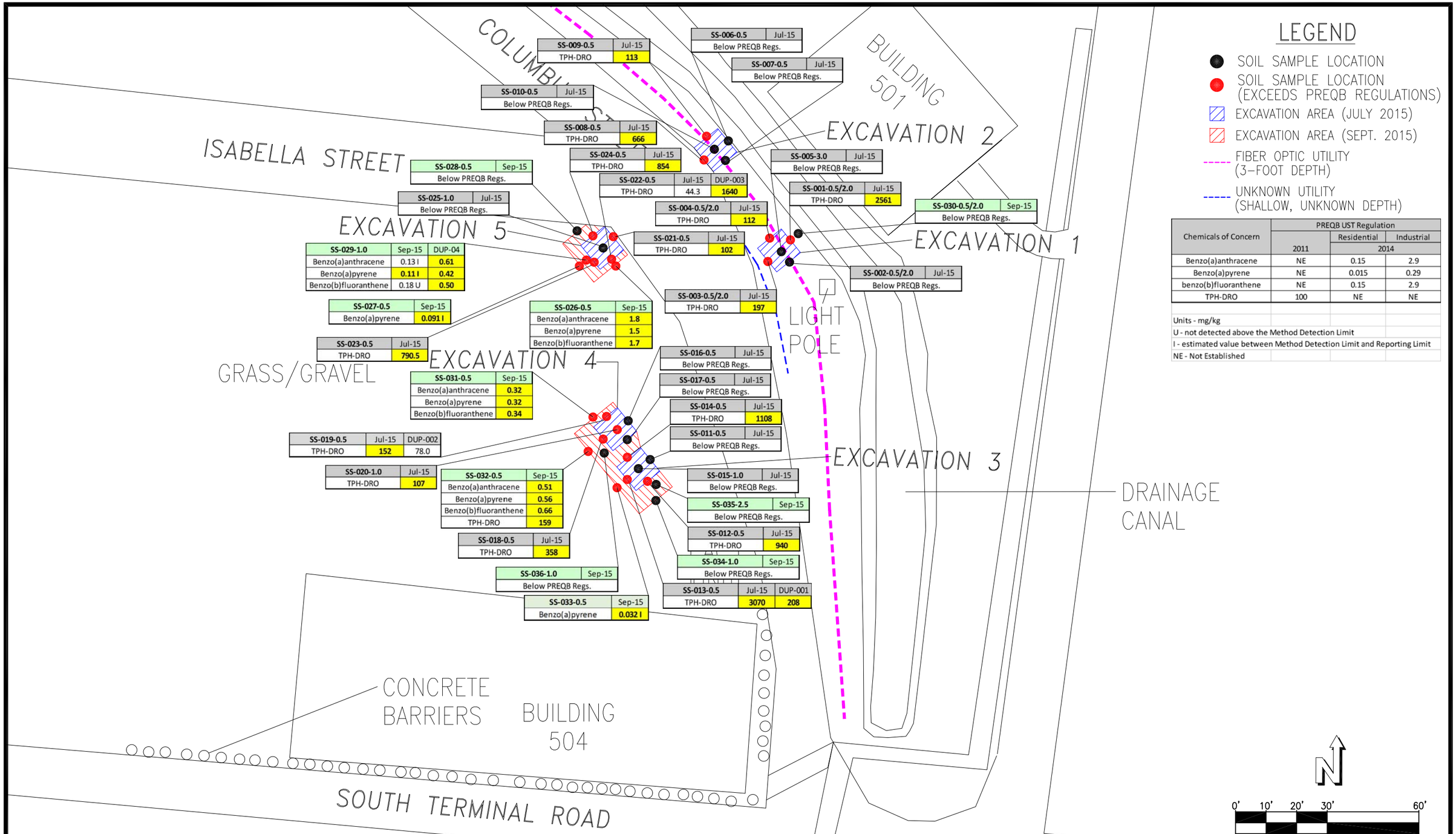
AerostarSES LLC

FORMER BUILDING 517 (LIGHT POLE)
FORT BUCHANAN
GUAYNABO, PUERTO RICO

M3010.0607.0011.09

DRAWN BY: JOS

DATE: 10/27/15



Chemicals of Concern	PREQB UST Regulation		
		Residential	Industrial
	2011	2014	
Benzo(a)anthracene	NE	0.15	2.9
Benzo(a)pyrene	NE	0.015	0.29
benzo(b)fluoranthene	NE	0.15	2.9
TPH-DRO	100	NE	NE

Units - mg/kg
U - not detected above the Method Detection Limit
I - estimated value between Method Detection Limit and Reporting Limit
NE - Not Established

FIGURE 3. EXCAVATION AREAS AND LABORATORY ANALYTICAL RESULTS – JULY 2015/SEPTEMBER 2015

AerostarSES LLC

FORMER BUILDING 517 (LIGHT POLE)
FORT BUCHANAN
GUAYNABO, PUERTO RICO

M3010.0607.0011.09
DRAWN BY: JOS
DATE: 10/21/15

APPENDIX A

Site Photographs

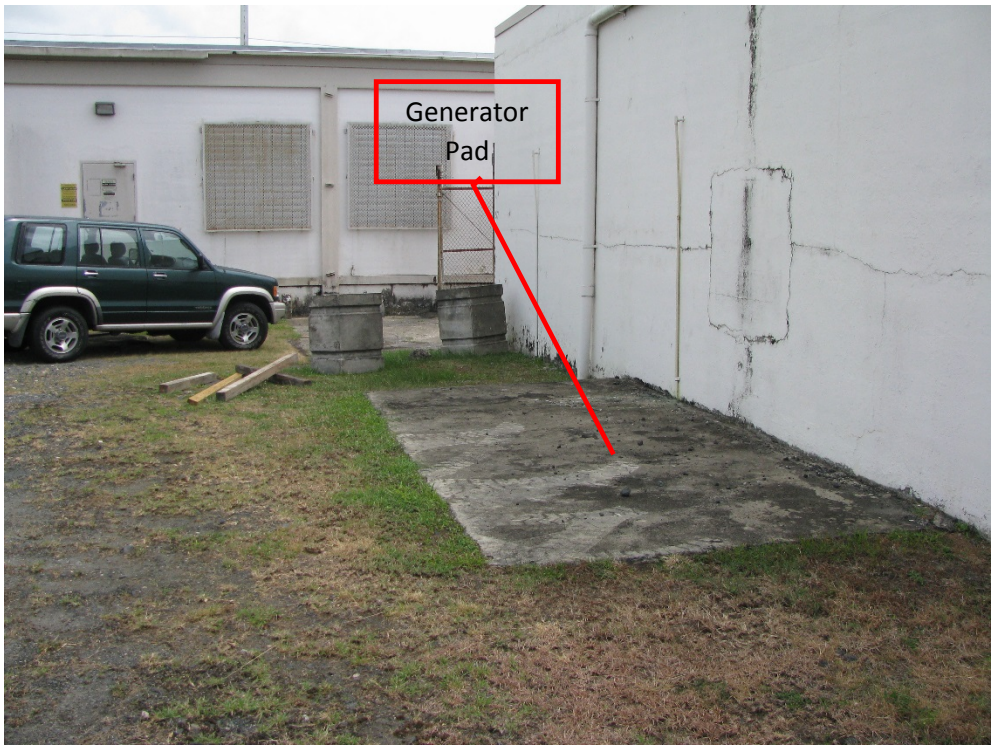


Photo 1 – Pre CMI-September 2012 – Prior to Building 517 demolition, looking south along the eastern side of Building 517.

Photo 2 – Pre CMI-September 2012 - Looking west along the northern side of Building 517. Note the yellow generator. It was speculated that a generator was positioned on the front concrete pad.

Photo 3 – Excavation 1-July 2015 - Looking east. Note the proximity of the storm water drainage canal to the east and the orange marking from an underground utility line on the western boundary of the excavation.

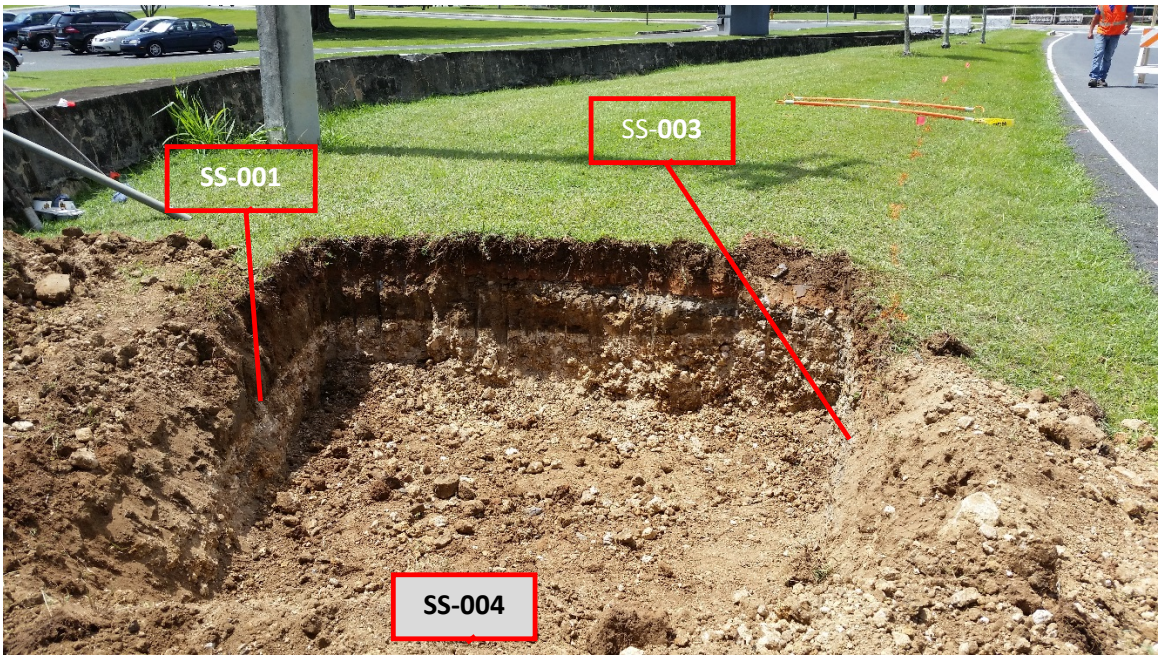


Photo 4 – Excavation 1, Looking south. Note the orange marking from an underground utility line on the western boundary of the excavation. During the excavation sand was encountered at 3 ft deep, suspected from the fiber optic trench located below the excavation area. Note the proximity of the asphalt to the west. Note the distance between the excavation wall and the storm water drainage canal.

Photo 5 – Excavation 2, Looking east. Note the proximity of the asphalt to the west and the distance between the excavation wall and the storm water drainage canal.

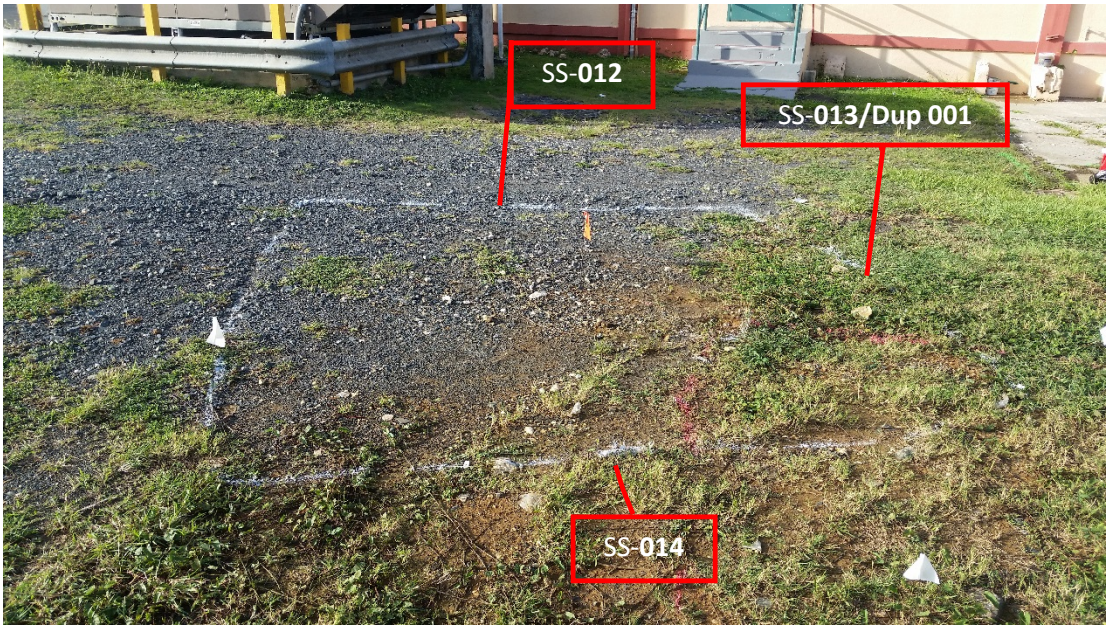


Photo 6 – Excavation 3, Looking south.

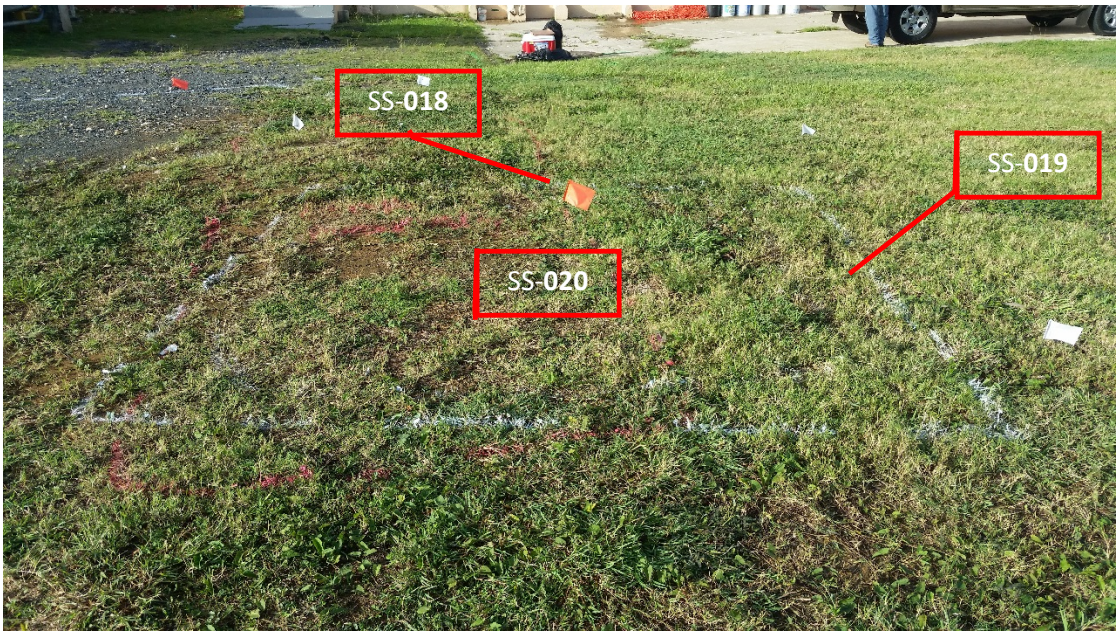


Photo 7 – Excavation 4, Looking south.

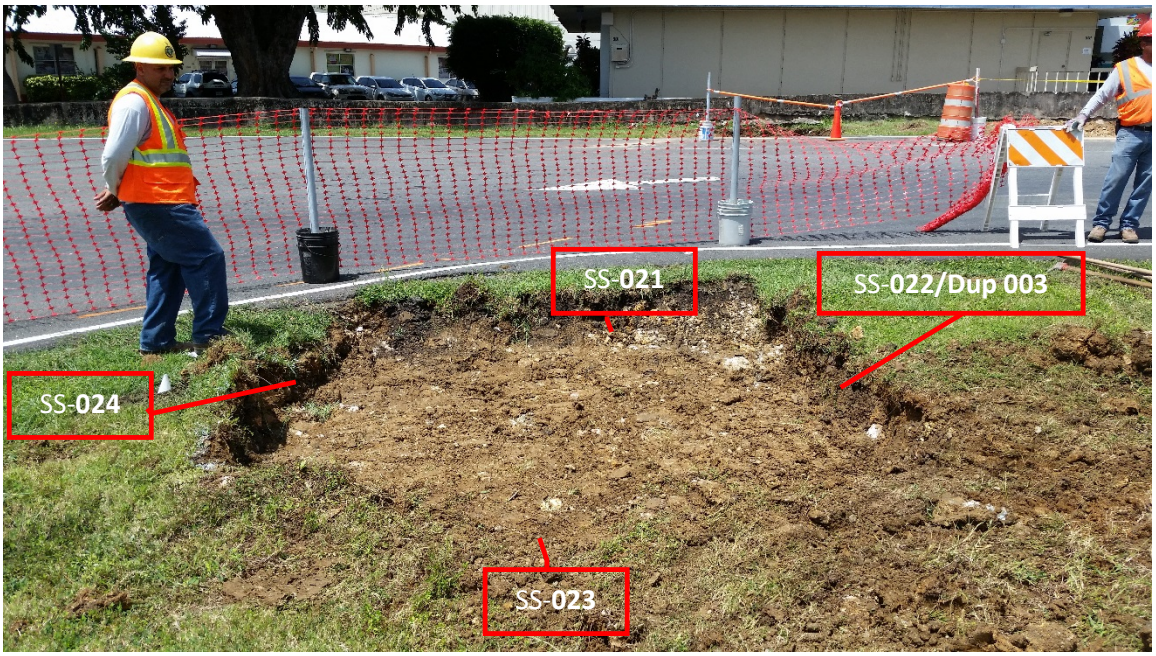


Photo 8 – Excavation 5, Looking east.

Photo 9 – Excavation 1, Looking north. Location of excavation for confirmatory sample.

Photo 10 – Excavation 3 & 4, Looking south. Area excavated to extend excavations.

Photo 11 – Excavations 3 & 4, Looking north. Area backfilled after excavation.

Photo 12 – Excavation 5, Looking east. Note the additional excavated area.

Photo 13 – Excavation 5, Looking northeast. Area backfilled after excavation.

APPENDIX B

Transportation and Disposal Manifests

SITE

PONCE SANITARY LANDFILL
RD 500 Avenida Baramaya Final
Ponce, PR 00731 787-841-7775

CUSTOMER

503231
CR ENVIROMENTAL INC
PMB 217
138 AVE WINSTON CHURCHILL
4217148075-YD

SITE	TICKET #	CELL
30	1058448	

WEIGHMASTER: IN - JUAN P. OUT - WALTER M.

DATE/TIME IN	DATE/TIME OUT
08-04-2015 2:38 pm	08-4-2015 3:36 pm

VEHICLE: WET

CONTAINER:

REFERENCE: MA.48377

BILL OF LADING: INVOICE

SCALE IN	GROSS WEIGHT	81,740	NET TONS	23.26
SCALE OUT	TARE WEIGHT	35,220	NET WEIGHT	46,520

INBOUND

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	SW-DRILLING MUD/SOILS GUAYNABO				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

NET AMOUNT

TENDERED

CHANGE

CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

SIGNATURE Jany Rexera

RS-F042UPR (07/12)

ALLIED WASTE SERVICES
A REPUBLIC SERVICES COMPANY

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

48377

CR ENV.

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of 1
PR12100 99999	48377	

d. Generator's Name and Location: US Army Garrison Fort Buchanan Bldg-5in, US Army Fort Buchanan

e. Generator's Mailing Address: US Army Garrison Fort Buchanan Guaynabo, PR

f. Phone: (787) 475-1814 Guaynabo, PR

g. Phone:

If owner of the generating facility differs from the generator, provide:

h. Owner's Name:

i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
4217148075	12/31/2015	Lampost - Soil Investigation Derived Waste Fro Site Assesment	01	BOX	20 yd³	

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions: I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print)	q. Signature	r. Date
* Aníbal Negrón	* [signature]	* 8/4/2015

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Environmental

b. Phone: Wet inc - 836-8912

c. Driver Name (Print)	d. Signature	e. Date
Jowy Rivera	Jowy Rivera	8/4/15

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:	b.	c. US EPA Number	d. Discrepancy Indication Space:
PONCE LANDFILL AVE. BARAMAYA #500 PONCE, P.R. 00732	(787) 841-7775	IDF-58-0008	

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print)	f. Signature	g. Date
[signature]	[signature]	8/4/15

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:	c. Responsible Agency Name and Address:
b. Phone:	d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print)	h. Signature	i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

REV 05/10 DESTINATION RETURN AW-F11APR

SITE

PONCE SANITARY LANDFILL
RD 500 Avenida Baramaya Final
Ponce, PR 00731 787-841-7775

CUSTOMER

503231
CR ENVIROMENTAL INC
PMB 217
138 AVE WINSTON CHURCHILL
4217148075-YD

SITE	TICKET #	CELL
30	1058449	

WEIGHMASTER: IN - JUAN P. OUT - WALTER M.

DATE/TIME IN	DATE/TIME OUT
08-04-2015 2:40 pm	08-4-2015 3:37 pm

VEHICLE	CONTAINER
WET	

REFERENCE: MA.48378 INVOICE

BILL OF LADING:

SCALE IN	GROSS WEIGHT	50,060	NET TONS	16.79	
SCALE OUT	TARE WEIGHT	16,480	NET WEIGHT	33,580	INBOUND

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	SW-DRILLING MUD/SOILS GUAYNABO				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

NET AMOUNT

TENDERED

CHANGE

CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

SIGNATURE Jamy Rexera

RS-F042UPR (07/12)

ALLIED WASTE SERVICES
A REPUBLIC SERVICES COMPANY

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

48378

CR ENV.

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of 1
PR1210049999	48378	

d. Generator's Name and Location: US Army Garrison Fort Buchanan Bldg-SIN US Army Fort Buchanan (787) 975-1814 Guaynabo, PR

f. Phone:

e. Generator's Mailing Address: US Army Fort Buchanan Guaynabo, PR

g. Phone:

If owner of the generating facility differs from the generator, provide:

h. Owner's Name:

i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
4217148075	12/31/2015	Lamprot Soil Investigation Derived Waste from Site Assesment	01	Box	20 yd³	

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print)	q. Signature	r. Date
* Aniba Negron	* [signature]	* 8/4/2015

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Environmental

b. Phone: Wet Inc 8368912

c. Driver Name (Print)	d. Signature	e. Date
Guy Rivera	[signature]	8/04/15

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:	c. US EPA Number	d. Discrepancy Indication Space:
PONCE LANDFILL AVE. BARAMAYA #500 PONCE, P.R. 00732 (787) 841-7775	IDF-58-0008	

b.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print)	f. Signature	g. Date
[signature]	[signature]	8/4/15

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:

b. Phone:

c. Responsible Agency Name and Address:

d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print)	h. Signature	i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

REPUBLIC SERVICES

THIRD PARTY SIGNATURE AUTHORIZATION
for Special Waste Disposal

Date: July 14, 2015

This Authorization is only valid for 3 years from the above date.

To Whom It May Concern:

Please be advised that the following company/individual has been appointed to work as our agent for purposes of managing waste materials that we may generate.

Name of Authorized Agent	Title
Joel Morales	Project Manager
Name of Company	**Telephone Number**
Aerostar SES, LLC	(904) 343-9014

The above broker/individual is authorized to act as our authorized agent for the following purposes:

- [x] Complete and sign Special Waste Profile.
- [x] Complete and sign Special Waste Profile-Recertification.
- [x] Authorize amendments to Special Waste Profile.
- [ ] Sign contracts to dispose and/or transport material.
- [ ] Sign certifications necessary to comply with landfill requirements.
- [ ] Sign manifests to initiate shipment to disposal facilities.

Our authorized agent will notify us prior to any action stated above, and will provide us with copies of any documents bearing our name.

Name of Company	Mailing Address
US Army Fort Buchanan	34 South Gate Road
Generator Contact (Print Name)	**Title**
Aníbal Negrón	Env Chief.
Signature	**Telephone Number**
Aníbal Negrón	787-707-3575

REPUBLIC SERVICES, INC.

SPECIAL WASTE PROFILE - RECERTIFICATION

Saveable fill-in form. Restricted printing until all required (yellow) fields are completed.

Waste Profile #

Disposal Facility: 4217 Ponce LF PR

I. Generator Information

Generator Name: US Army Garrison, Fort Buchanan			
Generator Site Address: Bldg. 517, US Army Garrison, Fort Buchanan			
City: Guaynabo	County: USA	State: Puerto Rico	Zip: 00934
State ID/Reg No:	State Approval/Waste Code:		NAICS #:
Generator Mailing Address (if different): ☐			
City:	County:	State: -- Select a State --	Zip:
Generator Contact Name: Anibal Negron		Email: anibal.negron1@us.army.mil	
Phone Number: (787) 707-3575		Fax Number: (787) 707-3570	

II. Waste Stream Information

Name of Waste: LAMPOST - Bldg. 517 - Waste for Site Assessment / Remediation

Check Section 1 OR Section 2 below:

1. ☐ There has been a change in the characteristics of the waste stream due to the following:
   a. Change of a raw material used in the waste generating process.
   b. Change in the waste generating process itself.
   c. Change in a physical characteristic of the waste.
   d. New information has been documented concerning the human health effects of exposure to the waste.

   If any of these changes have occurred, a new laboratory analysis and profile sheet must be completed. Attach copies of the new chemical analysis and new Special Waste Profile with the appropriate signatures.

2. ☐ There have been no changes that would alter the physical characteristics of the special waste stream. Updated analytical may be required.

III. Representative Sample Certification

☐ No Sample Taken

Is the representative sample collected to prepare this profile and laboratory analysis, collected in accordance with U.S. EPA 40 CFR 261.20(c) guidelines or equivalent rules?	☐ YES or ☐ NO
Type of Sample: ☐ COMPOSITE SAMPLE ☐ GRAB SAMPLE	
Sample Date:	
Sample ID Numbers:	

IV. Certification

I hereby certify that to the best of my knowledge and belief, the information contained in the Special Waste Profile - Recertification and the information in the Original Special Waste Profile is true, complete and accurate.

Anibal Negron	US Army Garrison, Fort Buchanan
Authorized Representative Name And Title (Printed)	Company Name
Anibal Negron	July 13, 2015
Authorized Representative Signature	Date

REPUBLIC SERVICES, INC.

Republic Services, Inc.

18500 N. Allied Way, Phoenix, AZ 85054

SPECIAL WASTE DEPARTMENT DECISION

	Waste Profile # 4217148075	**Expiration Date** 12/31/2015

I. Decision Request: ☐ Initial ☑ Recertification ☑ Change

Disposal Facility: 4217 - Ponce Landfill

Generator Name: US Army Garrison Fort Buchanan

Generator Site Address: Bldg. 517, US Army Garrison, Fort Buchanan

City: Guaynabo **County:** **State:** PR **Zip:**

Name of Waste: LAMPOST - Bldg. 517. Soil Investigation Derived Waste fro Site Assesment.

Estimated Annual Volume: 80 Cubic Yards

II. Special Waste Department Decision: ☑ Approved ☐ Rejected

Management Method(s): ☑ Landfill ☐ Solidification ☐ Bioremediation ☐ Transfer Facility

Problematic Special Waste according to Republic? ☐ Yes ☑ No

If yes, which one?

Approved by Special Waste Review Committee? ☐ Yes ☐ No ☑ Not Applicable

Precautions, Conditions or Limitations on Approval

The total approved annual volume has been increased to 80 cubic yards per the request from Anibal Negron dated 7/6/2015.

Special Waste Analyst Signature: **Name (Printed):** MARK PHILLIPS

Date: 7/29/2015

III. Facility Decision: ☑ Approved ☐ Rejected

Precautions, Conditions or Limitations on Approval

By signing below, the General Manager or Designee agrees that a fully executed Special Waste Service Agreement is on file for this profile and that the special waste file is complete.

General Manager or Designee: **Name (Printed):**

Date: 7/29/2015

APPENDIX C

Laboratory Analytical Reports and Appropriate Chain of Custody Records

ALCHEM
ALTOL CHEMICAL ENVIRONMENTAL LABORATORY INC.

SABANETAS INDUSTRIAL PARK · BLD. M-1380 · PONCE, PR 00731
P.O. BOX 359 · MERCEDITA, PR · 00715-0359
TELS. (787) 835-4242 · (787) 848-6050 · FAX (787) 848-6299 · (787) 835-2004
www.altolenterprises.com · info@altolenterprises.com

REPORT OF ANALYSIS

Certificate Number: CERT - 9673

August 12, 2015

Customer Name:	Aerostar SES	**Custody Number:**	079391
Contact:	Rick Levin	**Sampled Date:**	Wednesday, July 15, 2015
Customer Address:	11181St.Johns Industrial Pkwy.N.	**Sampled Time:**	1445 hrs.
	Jacksonville Florida 32246	**Received Date:**	Thursday, July 16, 2015
Phone/Fax:	904-565-2820	**Received Time:**	1658 hrs.
Contact Email:	rlevin@aerostar.net	**Sample Matrix:**	Solid
Sampled By:	Tim Cullen	**Sample Type:**	Grab
Sample Received By:	C. Lopez	**Temp Rec at Lab:**	4 °C
Sample Delivered By:	E. Ruiz	**Lab. Sample Number:**	AT-15-6878
Project and Sample Description:	Fort Buchanan - Building 517 - Light Pole SS - 001 - 0.5 / 2.0		

ESTADO LIBRE ASOCIADO DE PUERTO RICO
Saira Vázquez Báez
Lic. #5471
QUÍMICO LICENCIADO

Parameter	Units	Result	Method	Method Detection Limit	Sample Extraction Date	Analysis Date	Analysis Time	Analyst
MtBE	mg/kg	ND	EPA 8260	0.12	July 20, 2015	July 24, 2015	2133	GP
TPH Diesel	mg/kg	2,561	EPA 8015	120	July 20, 2015	July 30, 2015	1902	LS
TPH Gasoline	mg/kg	ND	EPA 8015	33	July 20, 2015	July 28, 2015	1531	GP
BTEX's	---	---	---	---	---	---	---	---
Benzene	mg/kg	ND	EPA 8260	0.39	July 20, 2015	July 24, 2015	2133	GP
Ethylbenzene	mg/kg	ND	EPA 8260	0.47	July 20, 2015	July 24, 2015	2133	GP
M-P Xylene	mg/kg	ND	EPA 8260	0.51	July 20, 2015	July 24, 2015	2133	GP
O-Xylene	mg/kg	ND	EPA 8260	0.37	July 20, 2015	July 24, 2015	2133	GP
Toluene	mg/kg	ND	EPA 8260	0.41	July 20, 2015	July 24, 2015	2133	GP
PAHs Bundle	---	---	---	---	---	---	---	---
1-Methylnaphthalene	mg/kg	ND	EPA 8270c	0.013	July 20, 2015	August 2, 2015	0835	GP
2-Methylnaphthalene	mg/kg	ND	EPA 8270c	0.013	July 20, 2015	August 2, 2015	0835	GP
Acenaphthene	mg/kg	ND	EPA 8270c	0.020	July 20, 2015	August 2, 2015	0835	GP

CERTIFIED BY PUERTO RICO DEPARTMENT OF HEALTH FOR DRINKING WATER-CERTIFICATION NUMBER PR 00947
NELAC CERTIFIED BY FLORIDA DEPARTMENT OF HEALTH-CERTIFICATION NUMBER E871068
AIHA LAP, LLC ACCREDITED LABORATORY - ID #199763
Test results in this report meet NELAC, ISO 17025 and/or AIHA-LAP requirements, as applicable. For Scopes of Accreditation of each refer to www.altolenterprises.com

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REPORT OF ANALYSIS

Certificate Number: CERT - 9673

August 12, 2015

Parameter	Units	Result	Method	Method Detection Limit	Sample Extraction Date	Analysis Date	Analysis Time	Analyst
Acenaphthylene	mg/kg	ND	EPA 8270c	0.017	July 20, 2015	August 2, 2015	0835	GP
Anthracene	mg/kg	ND	EPA 8270c	0.038	July 20, 2015	August 2, 2015	0835	GP
Benzo(a)anthracene	mg/kg	ND	EPA 8270c	0.049	July 20, 2015	August 2, 2015	0835	GP
Benzo(a)pyrene	mg/kg	ND	EPA 8270c	0.025	July 20, 2015	August 2, 2015	0835	GP
Benzo(b)Fluoranthene	mg/kg	ND	EPA 8270c	0.048	July 20, 2015	August 2, 2015	0835	GP
Benzo(g,h,i)perylene	mg/kg	ND	EPA 8270c	0.031	July 20, 2015	August 2, 2015	0835	GP
Benzo(k)Fluoranthene	mg/kg	ND	EPA 8270c	0.053	July 20, 2015	August 2, 2015	0835	GP
Chrysene	mg/kg	ND	EPA 8270c	0.043	July 20, 2015	August 2, 2015	0835	GP
Dibenzo(a,h)anthracene	mg/kg	ND	EPA 8270c	0.037	July 20, 2015	August 2, 2015	0835	GP
Fluoranthene	mg/kg	ND	EPA 8270c	0.015	July 20, 2015	August 2, 2015	0835	GP
Fluorene	mg/kg	ND	EPA 8270c	0.022	July 20, 2015	August 2, 2015	0835	GP
Indeno(1,2,3-cd)pyrene	mg/kg	ND	EPA 8270c	0.042	July 20, 2015	August 2, 2015	0835	GP
Naphthalene	mg/kg	ND	EPA 8270c	0.0064	July 20, 2015	August 2, 2015	0835	GP
Phenanthrene	mg/kg	ND	EPA 8270c	0.040	July 20, 2015	August 2, 2015	0835	GP
Pyrene	mg/kg	ND	EPA 8270c	0.013	July 20, 2015	August 2, 2015	0835	GP

ND= Not Detected

Saira Vázquez Báez
Lic. #5471
Agosto 12, 2015
A 1542505

Saira Vázquez Báez
Laboratory Operations Director
Licensed Chemist 5471

CERTIFIED BY PUERTO RICO DEPARTMENT OF HEALTH FOR DRINKING WATER-CERTIFICATION NUMBER PR 00947
NELAC CERTIFIED BY FLORIDA DEPARTMENT OF HEALTH-CERTIFICATION NUMBER E871068
AIHA LAP, LLC ACCREDITED LABORATORY - ID #199763
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www.altolenterprises.com · info@altolenterprises.com

REPORT OF ANALYSIS

Certificate Number: CERT - 9674

August 12, 2015

Customer Name:	Aerostar SES	**Custody Number:**	079391
Contact:	Rick Levin	**Sampled Date:**	Wednesday, July 15, 2015
Customer Address:	11181St.Johns Industrial Pkwy.N.	**Sampled Time:**	1450 hrs.
	Jacksonville Florida 32246	**Received Date:**	Thursday, July 16, 2015
Phone/Fax:	904-565-2820	**Received Time:**	1658 hrs.
Contact Email:	rlevin@aerostar.net	**Sample Matrix:**	Solid
Sampled By:	Tim Cullen	**Sample Type:**	Grab
Sample Received By:	C. Lopez	**Temp Rec at Lab:**	4 °C
Sample Delivered By:	E. Ruiz	**Lab. Sample Number:**	AT-15-6879
Project and Sample Description:	Fort Buchanan - Building 517 - Light Pole SS - 002 - 0.5 / 2.0		

COLEGIO DE QUIMICOS DE PUERTO RICO
Saira Vázquez Báez
Lic. #5471
QUIMICO LICENCIADO

Parameter	Units	Result	Method	Method Detection Limit	Sample Extraction Date	Analysis Date	Analysis Time	Analyst
MtBE	mg/kg	ND	EPA 8260	0.12	July 20, 2015	July 24, 2015	2339	GP
TPH Diesel	mg/kg	75.1	EPA 8015	28	July 20, 2015	July 30, 2015	1929	LS
TPH Gasoline	mg/kg	ND	EPA 8015	32	July 20, 2015	August 5, 2015	0315	GP
BTEX's	---	---	---	---	---	---	---	---
Benzene	mg/kg	ND	EPA 8260	0.38	July 20, 2015	July 24, 2015	2339	GP
Ethylbenzene	mg/kg	ND	EPA 8260	0.46	July 20, 2015	July 24, 2015	2339	GP
M-P Xylene	mg/kg	ND	EPA 8260	0.50	July 20, 2015	July 24, 2015	2339	GP
O-Xylene	mg/kg	ND	EPA 8260	0.36	July 20, 2015	July 24, 2015	2339	GP
Toluene	mg/kg	ND	EPA 8260	0.40	July 20, 2015	July 24, 2015	2339	GP
PAHs Bundle	---	---	---	---	---	---	---	---
1-Methylnaphthalene	mg/kg	ND	EPA 8270c	0.013	July 20, 2015	August 2, 2015	1037	GP
2-Methylnaphthalene	mg/kg	ND	EPA 8270c	0.012	July 20, 2015	August 2, 2015	1037	GP
Acenaphthene	mg/kg	ND	EPA 8270c	0.019	July 20, 2015	August 2, 2015	1037	GP

CERTIFIED BY PUERTO RICO DEPARTMENT OF HEALTH FOR DRINKING WATER-CERTIFICATION NUMBER PR 00947
NELAC CERTIFIED BY FLORIDA DEPARTMENT OF HEALTH-CERTIFICATION NUMBER E871068
AIHA LAP, LLC ACCREDITED LABORATORY - ID #199763
Test results in this report meet NELAC, ISO 17025 and/or AIHA-LAP requirements, as applicable. For Scopes of Accreditation of each refer to www.altolenterprises.com

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REPORT OF ANALYSIS

Certificate Number: CERT - 9674

August 12, 2015

Parameter	Units	Result	Method	Method Detection Limit	Sample Extraction Date	Analysis Date	Analysis Time	Analyst
Acenaphthylene	mg/kg	ND	EPA 8270c	0.016	July 20, 2015	August 2, 2015	1037	GP
Anthracene	mg/kg	ND	EPA 8270c	0.037	July 20, 2015	August 2, 2015	1037	GP
Benzo(a)anthracene	mg/kg	ND	EPA 8270c	0.047	July 20, 2015	August 2, 2015	1037	GP
Benzo(a)pyrene	mg/kg	ND	EPA 8270c	0.024	July 20, 2015	August 2, 2015	1037	GP
Benzo(b)Fluoranthene	mg/kg	ND	EPA 8270c	0.047	July 20, 2015	August 2, 2015	1037	GP
Benzo(g,h,i)perylene	mg/kg	ND	EPA 8270c	0.030	July 20, 2015	August 2, 2015	1037	GP
Benzo(k)Fluoranthene	mg/kg	ND	EPA 8270c	0.052	July 20, 2015	August 2, 2015	1037	GP
Chrysene	mg/kg	ND	EPA 8270c	0.041	July 20, 2015	August 2, 2015	1037	GP
Dibenzo(a,h)anthracene	mg/kg	ND	EPA 8270c	0.036	July 20, 2015	August 2, 2015	1037	GP
Fluoranthene	mg/kg	ND	EPA 8270c	0.015	July 20, 2015	August 2, 2015	1037	GP
Fluorene	mg/kg	ND	EPA 8270c	0.021	July 20, 2015	August 2, 2015	1037	GP
Indeno(1,2,3-cd)pyrene	mg/kg	ND	EPA 8270c	0.041	July 20, 2015	August 2, 2015	1037	GP
Naphthalene	mg/kg	ND	EPA 8270c	0.0062	July 20, 2015	August 2, 2015	1037	GP
Phenanthrene	mg/kg	ND	EPA 8270c	0.038	July 20, 2015	August 2, 2015	1037	GP
Pyrene	mg/kg	ND	EPA 8270c	0.012	July 20, 2015	August 2, 2015	1037	GP

ND= Not Detected

Saira Vázquez Báez
Lic. #5471
Agosto 12, 2015
A 1542506

Saira Vázquez Báez
Laboratory Operations Director
Licensed Chemist 5471

CERTIFIED BY PUERTO RICO DEPARTMENT OF HEALTH FOR DRINKING WATER-CERTIFICATION NUMBER PR 00947
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AIHA LAP, LLC ACCREDITED LABORATORY - ID #199763
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REPORT OF ANALYSIS

Certificate Number: CERT - 9675

August 12, 2015

Customer Name:	Aerostar SES	**Custody Number:**	079391
Contact:	Rick Levin	**Sampled Date:**	Wednesday, July 15, 2015
Customer Address:	11181St.Johns Industrial Pkwy.N.	**Sampled Time:**	1455 hrs.
	Jacksonville Florida 32246	**Received Date:**	Thursday, July 16, 2015
Phone/Fax:	904-565-2820	**Received Time:**	1658 hrs.
Contact Email:	rlevin@aerostar.net	**Sample Matrix:**	Solid
Sampled By:	Tim Cullen	**Sample Type:**	Grab
Sample Received By:	C. Lopez	**Temp Rec at Lab:**	4 °C
Sample Delivered By:	E. Ruiz	**Lab. Sample Number:**	AT-15-6880

ESTADO LIBRE ASOCIADO DE PUERTO RICO
Saira Vázquez Báez
Lic. #5471
QUÍMICO LICENCIADO

Project and Sample Description: Fort Buchanan - Building 517 - Light Pole
SS - 003 - 0.5 / 2.0

Parameter	Units	Result	Method	Method Detection Limit	Sample Extraction Date	Analysis Date	Analysis Time	Analyst
MIBE	mg/kg	ND	EPA 8260	0.11	July 20, 2015	July 24, 2015	0011	GP
TPH Diesel	mg/kg	197	EPA 8015	5.8	July 20, 2015	July 30, 2015	1943	LS
TPH Gasoline	mg/kg	ND	EPA 8015	32	---	August 4, 2015	2201	GP
BTEX's	---	---	---	---	---	---	---	---
Benzene	mg/kg	ND	EPA 8260	0.38	July 20, 2015	July 24, 2015	0011	GP
Ethylbenzene	mg/kg	ND	EPA 8260	0.46	July 20, 2015	July 24, 2015	0011	GP
M-P Xylene	mg/kg	ND	EPA 8260	0.49	July 20, 2015	July 24, 2015	0011	GP
O-Xylene	mg/kg	ND	EPA 8260	0.36	July 20, 2015	July 24, 2015	0011	GP
Toluene	mg/kg	ND	EPA 8260	0.40	July 20, 2015	July 24, 2015	0011	GP
PAHs Bundle	---	---	---	---	---	---	---	---
1-Methylnaphthalene	mg/kg	ND	EPA 8270c	0.013	July 20, 2015	August 2, 2015	1708	GP
2-Methylnaphthalene	mg/kg	ND	EPA 8270c	0.013	July 20, 2015	August 2, 2015	1708	GP
Acenaphthene	mg/kg	ND	EPA 8270c	0.020	July 20, 2015	August 2, 2015	1708	GP

CERTIFIED BY PUERTO RICO DEPARTMENT OF HEALTH FOR DRINKING WATER-CERTIFICATION NUMBER PR 00947
NELAC CERTIFIED BY FLORIDA DEPARTMENT OF HEALTH-CERTIFICATION NUMBER E871068
AIHA LAP, LLC ACCREDITED LABORATORY - ID #199763
Test results in this report meet NELAC, ISO 17025 and/or AIHA-LAP requirements, as applicable. For Scopes of Accreditation of each refer to www.altolenterprises.com

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REPORT OF ANALYSIS

Certificate Number: CERT - 9675

August 12, 2015

Parameter	Units	Result	Method	Method Detection Limit	Sample Extraction Date	Analysis Date	Analysis Time	Analyst
Acenaphthylene	mg/kg	ND	EPA 8270c	0.017	July 20, 2015	August 2, 2015	1708	GP
Anthracene	mg/kg	ND	EPA 8270c	0.038	July 20, 2015	August 2, 2015	1708	GP
Benzo(a)anthracene	mg/kg	ND	EPA 8270c	0.048	July 20, 2015	August 2, 2015	1708	GP
Benzo(a)pyrene	mg/kg	ND	EPA 8270c	0.025	July 20, 2015	August 2, 2015	1708	GP
Benzo(b)Fluoranthene	mg/kg	ND	EPA 8270c	0.048	July 20, 2015	August 2, 2015	1708	GP
Benzo(g,h,i)perylene	mg/kg	ND	EPA 8270c	0.031	July 20, 2015	August 2, 2015	1708	GP
Benzo(k)Fluoranthene	mg/kg	ND	EPA 8270c	0.053	July 20, 2015	August 2, 2015	1708	GP
Chrysene	mg/kg	ND	EPA 8270c	0.042	July 20, 2015	August 2, 2015	1708	GP
Dibenzo(a,h)anthracene	mg/kg	ND	EPA 8270c	0.037	July 20, 2015	August 2, 2015	1708	GP
Fluoranthene	mg/kg	2.06	EPA 8270c	0.015	July 20, 2015	August 2, 2015	1708	GP
Fluorene	mg/kg	ND	EPA 8270c	0.022	July 20, 2015	August 2, 2015	1708	GP
Indeno(1,2,3-cd)pyrene	mg/kg	ND	EPA 8270c	0.042	July 20, 2015	August 2, 2015	1708	GP
Naphthalene	mg/kg	ND	EPA 8270c	0.0063	July 20, 2015	August 2, 2015	1708	GP
Phenanthrene	mg/kg	ND	EPA 8270c	0.039	July 20, 2015	August 2, 2015	1708	GP
Pyrene	mg/kg	1.42	EPA 8270c	0.013	July 20, 2015	August 2, 2015	1708	GP

ND= Not Detected

Saira Vázquez Báez
Laboratory Operations Director
Licensed Chemist 5471

ESTADO LIBRE ASOCIADO DE PUERTO RICO
Saira Vázquez Báez
Lic. #5471
QUIMICO LICENCIADO
Agosto 12, 2015
A 1542507

CERTIFIED BY PUERTO RICO DEPARTMENT OF HEALTH FOR DRINKING WATER-CERTIFICATION NUMBER PR 00947
NELAC CERTIFIED BY FLORIDA DEPARTMENT OF HEALTH-CERTIFICATION NUMBER E871068
AIHA LAP, LLC ACCREDITED LABORATORY - ID #199763
Test results in this report meet NELAC, ISO 17025 and/or AIHA-LAP requirements, as applicable. For Scopes of Accreditation of each refer to www.altolenterprises.com

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REPORT OF ANALYSIS

Certificate Number: CERT - 9676

August 12, 2015

Customer Name:	Aerostar SES	**Custody Number:**	079391
Contact:	Rick Levin	**Sampled Date:**	Wednesday, July 15, 2015
Customer Address:	11181St.Johns Industrial Pkwy.N.	**Sampled Time:**	1500 hrs.
	Jacksonville Florida 32246	**Received Date:**	Thursday, July 16, 2015
Phone/Fax:	904-565-2820	**Received Time:**	1658 hrs.
Contact Email:	rlevin@aerostar.net	**Sample Matrix:**	Solid
Sampled By:	Tim Cullen	**Sample Type:**	Grab
Sample Received By:	C. Lopez	**Temp Rec at Lab:**	4 °C
Sample Delivered By:	E. Ruiz	**Lab. Sample Number:**	AT-15-6881

ESTADO LIBRE ASOCIADO DE PUERTO RICO
Saire Vázquez Báez
Lic. #5471
QUÍMICO LICENCIADO

Project and Sample Description: Fort Buchanan - Building 517 - Light Pole
SS - 004 - 0.5 / 2.0

Parameter	Units	Result	Method	Method Detection Limit	Sample Extraction Date	Analysis Date	Analysis Time	Analyst
MtBE	mg/kg	ND	EPA 8260	0.11	July 20, 2015	July 24, 2015	0043	GP
TPH Diesel	mg/kg	112	EPA 8015	5.8	July 20, 2015	July 30, 2015	2010	LS
TPH Gasoline	mg/kg	ND	EPA 8015	30	July 20, 2015	August 5, 2015	0052	GP
BTEX's	---	---	---	---	---	---	---	---
Benzene	mg/kg	ND	EPA 8260	0.35	July 20, 2015	July 24, 2015	0043	GP
Ethylbenzene	mg/kg	ND	EPA 8260	0.42	July 20, 2015	July 24, 2015	0043	GP
M-P Xylene	mg/kg	ND	EPA 8260	0.46	July 20, 2015	July 24, 2015	0043	GP
O-Xylene	mg/kg	ND	EPA 8260	0.34	July 20, 2015	July 24, 2015	0043	GP
Toluene	mg/kg	ND	EPA 8260	0.37	July 20, 2015	July 24, 2015	0043	GP
PAHs Bundle	---	---	---	---	---	---	---	---
1-Methylnaphthalene	mg/kg	ND	EPA 8270c	0.013	July 20, 2015	August 2, 2015	1738	GP
2-Methylnaphthalene	mg/kg	ND	EPA 8270c	0.012	July 20, 2015	August 2, 2015	1738	GP
Acenaphthene	mg/kg	ND	EPA 8270c	0.020	July 20, 2015	August 2, 2015	1738	GP

CERTIFIED BY PUERTO RICO DEPARTMENT OF HEALTH FOR DRINKING WATER-CERTIFICATION NUMBER PR 00947
NELAC CERTIFIED BY FLORIDA DEPARTMENT OF HEALTH-CERTIFICATION NUMBER E871068
AIHA LAP, LLC ACCREDITED LABORATORY - ID #199763
Test results in this report meet NELAC, ISO 17025 and/or AIHA-LAP requirements, as applicable. For Scopes of Accreditation of each refer to www.altolenterprises.com

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REPORT OF ANALYSIS

Certificate Number: CERT - 9676

August 12, 2015

Parameter	Units	Result	Method	Method Detection Limit	Sample Extraction Date	Analysis Date	Analysis Time	Analyst
Acenaphthylene	mg/kg	ND	EPA 8270c	0.017	July 20, 2015	August 2, 2015	1738	GP
Anthracene	mg/kg	ND	EPA 8270c	0.038	July 20, 2015	August 2, 2015	1738	GP
Benzo(a)anthracene	mg/kg	3.03	EPA 8270c	0.048	July 20, 2015	August 2, 2015	1738	GP
Benzo(a)pyrene	mg/kg	ND	EPA 8270c	0.025	July 20, 2015	August 2, 2015	1738	GP
Benzo(b)Fluoranthene	mg/kg	ND	EPA 8270c	0.048	July 20, 2015	August 2, 2015	1738	GP
Benzo(g,h,i)perylene	mg/kg	2.25	EPA 8270c	0.031	July 20, 2015	August 2, 2015	1738	GP
Benzo(k)Fluoranthene	mg/kg	ND	EPA 8270c	0.053	July 20, 2015	August 2, 2015	1738	GP
Chrysene	mg/kg	3.01	EPA 8270c	0.042	July 20, 2015	August 2, 2015	1738	GP
Dibenzo(a,h)anthracene	mg/kg	ND	EPA 8270c	0.037	July 20, 2015	August 2, 2015	1738	GP
Fluoranthene	mg/kg	7.85	EPA 8270c	0.015	July 20, 2015	August 2, 2015	1738	GP
Fluorene	mg/kg	ND	EPA 8270c	0.022	July 20, 2015	August 2, 2015	1738	GP
Indeno(1,2,3-cd)pyrene	mg/kg	ND	EPA 8270c	0.041	July 20, 2015	August 2, 2015	1738	GP
Naphthalene	mg/kg	ND	EPA 8270c	0.0063	July 20, 2015	August 2, 2015	1738	GP
Phenanthrene	mg/kg	4.86	EPA 8270c	0.039	July 20, 2015	August 2, 2015	1738	GP
Pyrene	mg/kg	6.22	EPA 8270c	0.012	July 20, 2015	August 2, 2015	1738	GP

ND= Not Detected

Saira Vázquez Báez
Laboratory Operations Director
Licensed Chemist 5471

ESTADO LIBRE ASOCIADO DE PUERTO RICO
Saira Vázquez Báez
Lic. #5471
QUIMICO LICENCIADO

Agosto 12, 2015
A 1542508

CERTIFIED BY PUERTO RICO DEPARTMENT OF HEALTH FOR DRINKING WATER-CERTIFICATION NUMBER PR 00947
NELAC CERTIFIED BY FLORIDA DEPARTMENT OF HEALTH-CERTIFICATION NUMBER E871068
AIHA LAP, LLC ACCREDITED LABORATORY - ID #199763
Test results in this report meet NELAC, ISO 17025 and/or AIHA-LAP requirements, as applicable. For Scopes of Accreditation of each refer to www.altolenterprises.com

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REPORT OF ANALYSIS

Certificate Number: CERT - 9677

August 12, 2015

Customer Name:	Aerostar SES	**Custody Number:**	079391
Contact:	Rick Levin	**Sampled Date:**	Wednesday, July 15, 2015
Customer Address:	11181St.Johns Industrial Pkwy.N.	**Sampled Time:**	1505 hrs.
	Jacksonville Florida 32246	**Received Date:**	Thursday, July 16, 2015
Phone/Fax:	904-565-2820	**Received Time:**	1658 hrs.
Contact Email:	rlevin@aerostar.net	**Sample Matrix:**	Solid
Sampled By:	Tim Cullen	**Sample Type:**	Grab
Sample Received By:	C. Lopez	**Temp Rec at Lab:**	4 °C
Sample Delivered By:	E. Ruiz	**Lab. Sample Number:**	AT-15-6882
Project and Sample Description:	Fort Buchanan - Building 517 - Light Pole SS - 005 - 3.0		

ESTADO LIBRE ASOCIADO DE PUERTO RICO
Saira Vázquez Báez
AIC #5471
QUÍMICO LICENCIADO

Parameter	Units	Result	Method	Method Detection Limit	Sample Extraction Date	Analysis Date	Analysis Time	Analyst
MtBE	mg/kg	ND	EPA 8260	0.12	July 20, 2015	July 24, 2015	0014	GP
TPH Diesel	mg/kg	16.6	EPA 8015	5.9	July 20, 2015	July 30, 2015	2045	LS
TPH Gasoline	mg/kg	ND	EPA 8015	32	July 20, 2015	August 5, 2015	0121	GP
BTEX's	---	---	---	---	---	---	---	---
Benzene	mg/kg	ND	EPA 8260	0.39	July 20, 2015	July 24, 2015	0014	GP
Ethylbenzene	mg/kg	ND	EPA 8260	0.46	July 20, 2015	July 24, 2015	0014	GP
M-P Xylene	mg/kg	ND	EPA 8260	0.50	July 20, 2015	July 24, 2015	0014	GP
O-Xylene	mg/kg	ND	EPA 8260	0.37	July 20, 2015	July 24, 2015	0014	GP
Toluene	mg/kg	ND	EPA 8260	0.41	July 20, 2015	July 24, 2015	0014	GP
PAHs Bundle	---	---	---	---	---	---	---	---
1-Methylnaphthalene	mg/kg	ND	EPA 8270c	0.013	July 20, 2015	August 2, 2015	1207	GP
2-Methylnaphthalene	mg/kg	ND	EPA 8270c	0.013	July 20, 2015	August 2, 2015	1207	GP
Acenaphthene	mg/kg	ND	EPA 8270c	0.020	July 20, 2015	August 2, 2015	1207	GP

CERTIFIED BY PUERTO RICO DEPARTMENT OF HEALTH FOR DRINKING WATER-CERTIFICATION NUMBER PR 00947
NELAC CERTIFIED BY FLORIDA DEPARTMENT OF HEALTH-CERTIFICATION NUMBER E871068
AIHA LAP, LLC ACCREDITED LABORATORY - ID #199763
Test results in this report meet NELAC, ISO 17025 and/or AIHA-LAP requirements, as applicable. For Scopes of Accreditation of each refer to www.altolenterprises.com

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REPORT OF ANALYSIS

Certificate Number: CERT - 9677

August 12, 2015

Parameter	Units	Result	Method	Method Detection Limit	Sample Extraction Date	Analysis Date	Analysis Time	Analyst
Acenaphthylene	mg/kg	ND	EPA 8270c	0.017	July 20, 2015	August 2, 2015	1207	GP
Anthracene	mg/kg	ND	EPA 8270c	0.038	July 20, 2015	August 2, 2015	1207	GP
Benzo(a)anthracene	mg/kg	ND	EPA 8270c	0.049	July 20, 2015	August 2, 2015	1207	GP
Benzo(a)pyrene	mg/kg	ND	EPA 8270c	0.025	July 20, 2015	August 2, 2015	1207	GP
Benzo(b)Fluoranthene	mg/kg	ND	EPA 8270c	0.048	July 20, 2015	August 2, 2015	1207	GP
Benzo(g,h,i)perylene	mg/kg	ND	EPA 8270c	0.031	July 20, 2015	August 2, 2015	1207	GP
Benzo(k)Fluoranthene	mg/kg	ND	EPA 8270c	0.054	July 20, 2015	August 2, 2015	1207	GP
Chrysene	mg/kg	ND	EPA 8270c	0.043	July 20, 2015	August 2, 2015	1207	GP
Dibenzo(a,h)anthracene	mg/kg	ND	EPA 8270c	0.038	July 20, 2015	August 2, 2015	1207	GP
Fluoranthene	mg/kg	ND	EPA 8270c	0.015	July 20, 2015	August 2, 2015	1207	GP
Fluorene	mg/kg	ND	EPA 8270c	0.022	July 20, 2015	August 2, 2015	1207	GP
Indeno(1,2,3-cd)pyrene	mg/kg	ND	EPA 8270c	0.042	July 20, 2015	August 2, 2015	1207	GP
Naphthalene	mg/kg	ND	EPA 8270c	0.0064	July 20, 2015	August 2, 2015	1207	GP
Phenanthrene	mg/kg	ND	EPA 8270c	0.040	July 20, 2015	August 2, 2015	1207	GP
Pyrene	mg/kg	ND	EPA 8270c	0.013	July 20, 2015	August 2, 2015	1207	GP

ND= Not Detected

Saira Vázquez Báez

Saira Vázquez Báez
Laboratory Operations Director
Licensed Chemist 5471

ESTADO LIBRE ASOCIADO DE PUERTO RICO
Saira Vázquez Báez
Lic. #5471
QUIMICO LICENCIADO
Svázquez
Agosto 12, 2015
A 1542509

CERTIFIED BY PUERTO RICO DEPARTMENT OF HEALTH FOR DRINKING WATER-CERTIFICATION NUMBER PR 00947
NELAC CERTIFIED BY FLORIDA DEPARTMENT OF HEALTH-CERTIFICATION NUMBER E871068
AIHA LAP, LLC ACCREDITED LABORATORY - ID #199763
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REPORT OF ANALYSIS

Certificate Number: CERT - 9678

August 12, 2015

Customer Name:	Aerostar SES	**Custody Number:**	079391
Contact:	Rick Levin	**Sampled Date:**	Wednesday, July 15, 2015
Customer Address:	11181St.Johns Industrial Pkwy.N.	**Sampled Time:**	1510 hrs.
	Jacksonville Florida 32246	**Received Date:**	Thursday, July 16, 2015
Phone/Fax:	904-565-2820	**Received Time:**	1658 hrs.
Contact Email:	rlevin@aerostar.net	**Sample Matrix:**	Solid
Sampled By:	Tim Cullen	**Sample Type:**	Grab
Sample Received By:	C. Lopez	**Temp Rec at Lab:**	4 °C
Sample Delivered By:	E. Ruiz	**Lab. Sample Number:**	AT-15-6883

ESTADO LIBRE ASOCIADO DE PUERTO RICO
Saira Vázquez Báez
Lic. #5471
QUÍMICO LICENCIADO

Project and Sample Description: Fort Buchanan - Building 517 - Light Pole
SS - 006 - 0.5

Parameter	Units	Result	Method	Method Detection Limit	Sample Extraction Date	Analysis Date	Analysis Time	Analyst
MtBE	mg/kg	ND	EPA 8260	0.12	July 20, 2015	July 25, 2015	0046	GP
TPH Diesel	mg/kg	19.2	EPA 8015	5.8	July 20, 2015	July 30, 2015	2112	LS
TPH Gasoline	mg/kg	ND	EPA 8015	33	July 20, 2015	August 5, 2015	0149	GP
BTEX's	---	---	---	---	---	---	---	---
Benzene	mg/kg	ND	EPA 8260	0.40	July 20, 2015	July 25, 2015	0046	GP
Ethylbenzene	mg/kg	ND	EPA 8260	0.48	July 20, 2015	July 25, 2015	0046	GP
M-P Xylene	mg/kg	ND	EPA 8260	0.51	July 20, 2015	July 25, 2015	0046	GP
O-Xylene	mg/kg	ND	EPA 8260	0.38	July 20, 2015	July 25, 2015	0046	GP
Toluene	mg/kg	ND	EPA 8260	0.42	July 20, 2015	July 25, 2015	0046	GP
PAHs Bundle	---	---	---	---	---	---	---	---
1-Methylnaphthalene	mg/kg	ND	EPA 8270c	0.013	July 20, 2015	August 2, 2015	1137	GP
2-Methylnaphthalene	mg/kg	ND	EPA 8270c	0.013	July 20, 2015	August 2, 2015	1137	GP
Acenaphthene	mg/kg	ND	EPA 8270c	0.020	July 20, 2015	August 2, 2015	1137	GP

CERTIFIED BY PUERTO RICO DEPARTMENT OF HEALTH FOR DRINKING WATER-CERTIFICATION NUMBER PR 00947
NELAC CERTIFIED BY FLORIDA DEPARTMENT OF HEALTH-CERTIFICATION NUMBER E871068
AIHA LAP, LLC ACCREDITED LABORATORY - ID #199763
Test results in this report meet NELAC, ISO 17025 and/or AIHA-LAP requirements, as applicable. For Scopes of Accreditation of each refer to www.altolenterprises.com

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REPORT OF ANALYSIS

Certificate Number: CERT - 9678

August 12, 2015

Parameter	Units	Result	Method	Method Detection Limit	Sample Extraction Date	Analysis Date	Analysis Time	Analyst
Acenaphthylene	mg/kg	ND	EPA 8270c	0.017	July 20, 2015	August 2, 2015	1137	GP
Anthracene	mg/kg	ND	EPA 8270c	0.038	July 20, 2015	August 2, 2015	1137	GP
Benzo(a)anthracene	mg/kg	ND	EPA 8270c	0.049	July 20, 2015	August 2, 2015	1137	GP
Benzo(a)pyrene	mg/kg	ND	EPA 8270c	0.025	July 20, 2015	August 2, 2015	1137	GP
Benzo(b)Fluoranthene	mg/kg	ND	EPA 8270c	0.048	July 20, 2015	August 2, 2015	1137	GP
Benzo(g,h,i)perylene	mg/kg	ND	EPA 8270c	0.031	July 20, 2015	August 2, 2015	1137	GP
Benzo(k)Fluoranthene	mg/kg	ND	EPA 8270c	0.053	July 20, 2015	August 2, 2015	1137	GP
Chrysene	mg/kg	ND	EPA 8270c	0.043	July 20, 2015	August 2, 2015	1137	GP
Dibenzo(a,h)anthracene	mg/kg	ND	EPA 8270c	0.037	July 20, 2015	August 2, 2015	1137	GP
Fluoranthene	mg/kg	ND	EPA 8270c	0.015	July 20, 2015	August 2, 2015	1137	GP
Fluorene	mg/kg	ND	EPA 8270c	0.022	July 20, 2015	August 2, 2015	1137	GP
Indeno(1,2,3-cd)pyrene	mg/kg	ND	EPA 8270c	0.042	July 20, 2015	August 2, 2015	1137	GP
Naphthalene	mg/kg	ND	EPA 8270c	0.0064	July 20, 2015	August 2, 2015	1137	GP
Phenanthrene	mg/kg	ND	EPA 8270c	0.040	July 20, 2015	August 2, 2015	1137	GP
Pyrene	mg/kg	ND	EPA 8270c	0.013	July 20, 2015	August 2, 2015	1137	GP

ND= Not Detected

Saira Vázquez Báez
Laboratory Operations Director
Licensed Chemist 5471

ESTADO LIBRE ASOCIADO DE PUERTO RICO
Saira Vázquez Báez
Lic. #5471
QUÍMICO LICENCIADO
Agosto 12, 2015
A 1542510

CERTIFIED BY PUERTO RICO DEPARTMENT OF HEALTH FOR DRINKING WATER-CERTIFICATION NUMBER PR 00947
NELAC CERTIFIED BY FLORIDA DEPARTMENT OF HEALTH-CERTIFICATION NUMBER E871068
AIHA LAP, LLC ACCREDITED LABORATORY - ID #199763
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REPORT OF ANALYSIS

Certificate Number: CERT - 9679

August 12, 2015

Customer Name:	Aerostar SES	**Custody Number:**	079391
Contact:	Rick Levin	**Sampled Date:**	Wednesday, July 15, 2015
Customer Address:	11181St.Johns Industrial Pkwy.N.	**Sampled Time:**	1515 hrs.
	Jacksonville Florida 32246	**Received Date:**	Thursday, July 16, 2015
Phone/Fax:	904-565-2820	**Received Time:**	1658 hrs.
Contact Email:	rlevin@aerostar.net	**Sample Matrix:**	Solid
Sampled By:	Tim Cullen	**Sample Type:**	Grab
Sample Received By:	C. Lopez	**Temp Rec at Lab:**	4 °C
Sample Delivered By:	E. Ruiz	**Lab. Sample Number:**	AT-15-6884

Project and Sample Description: Fort Buchanan - Building 517 - Light Pole
SS - 007 - 0.5

Sylvia Vázquez Báez
Lic. #5471
QUÍMICO LICENCIADO

Parameter	Units	Result	Method	Method Detection Limit	Sample Extraction Date	Analysis Date	Analysis Time	Analyst
MtBE	mg/kg	ND	EPA 8260	0.12	July 20, 2015	July 25, 2015	0217	GP
TPH Diesel	mg/kg	25.5	EPA 8015	5.8	July 20, 2015	July 30, 2015	2139	LS
TPH Gasoline	mg/kg	ND	EPA 8015	33	July 20, 2015	August 5, 2015	0218	GP
BTEX's	---	---	---	---	---	---	---	---
Benzene	mg/kg	ND	EPA 8260	0.40	July 20, 2015	July 25, 2015	0217	GP
Ethylbenzene	mg/kg	ND	EPA 8260	0.48	July 20, 2015	July 25, 2015	0217	GP
M-P Xylene	mg/kg	ND	EPA 8260	0.51	July 20, 2015	July 25, 2015	0217	GP
O-Xylene	mg/kg	ND	EPA 8260	0.38	July 20, 2015	July 25, 2015	0217	GP
Toluene	mg/kg	ND	EPA 8260	0.42	July 20, 2015	July 25, 2015	0217	GP
PAHs Bundle	---	---	---	---	---	---	---	---
1-Methylnaphthalene	mg/kg	ND	EPA 8270c	0.013	July 20, 2015	August 2, 2015	1438	GP
2-Methylnaphthalene	mg/kg	ND	EPA 8270c	0.012	July 20, 2015	August 2, 2015	1438	GP
Acenaphthene	mg/kg	ND	EPA 8270c	0.020	July 20, 2015	August 2, 2015	1438	GP

CERTIFIED BY PUERTO RICO DEPARTMENT OF HEALTH FOR DRINKING WATER-CERTIFICATION NUMBER PR 00947
NELAC CERTIFIED BY FLORIDA DEPARTMENT OF HEALTH-CERTIFICATION NUMBER E871068
AIHA LAP, LLC ACCREDITED LABORATORY - ID #199763
Test results in this report meet NELAC, ISO 17025 and/or AIHA-LAP requirements, as applicable. For Scopes of Accreditation of each refer to www.altolenterprises.com

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REPORT OF ANALYSIS

Certificate Number: CERT - 9679

August 12, 2015

Parameter	Units	Result	Method	Method Detection Limit	Sample Extraction Date	Analysis Date	Analysis Time	Analyst
Acenaphthylene	mg/kg	ND	EPA 8270c	0.017	July 20, 2015	August 2, 2015	1438	GP
Anthracene	mg/kg	ND	EPA 8270c	0.038	July 20, 2015	August 2, 2015	1438	GP
Benzo(a)anthracene	mg/kg	ND	EPA 8270c	0.048	July 20, 2015	August 2, 2015	1438	GP
Benzo(a)pyrene	mg/kg	ND	EPA 8270c	0.025	July 20, 2015	August 2, 2015	1438	GP
Benzo(b)Fluoranthene	mg/kg	ND	EPA 8270c	0.048	July 20, 2015	August 2, 2015	1438	GP
Benzo(g,h,i)perylene	mg/kg	ND	EPA 8270c	0.031	July 20, 2015	August 2, 2015	1438	GP
Benzo(k)Fluoranthene	mg/kg	ND	EPA 8270c	0.053	July 20, 2015	August 2, 2015	1438	GP
Chrysene	mg/kg	ND	EPA 8270c	0.042	July 20, 2015	August 2, 2015	1438	GP
Dibenzo(a,h)anthracene	mg/kg	ND	EPA 8270c	0.037	July 20, 2015	August 2, 2015	1438	GP
Fluoranthene	mg/kg	1.32	EPA 8270c	0.015	July 20, 2015	August 2, 2015	1438	GP
Fluorene	mg/kg	ND	EPA 8270c	0.022	July 20, 2015	August 2, 2015	1438	GP
Indeno(1,2,3-cd)pyrene	mg/kg	ND	EPA 8270c	0.041	July 20, 2015	August 2, 2015	1438	GP
Naphthalene	mg/kg	ND	EPA 8270c	0.0063	July 20, 2015	August 2, 2015	1438	GP
Phenanthrene	mg/kg	ND	EPA 8270c	0.039	July 20, 2015	August 2, 2015	1438	GP
Pyrene	mg/kg	1.30	EPA 8270c	0.012	July 20, 2015	August 2, 2015	1438	GP

ND= Not Detected

Saira Vázquez Báez
Lic. #5471

Saira Vázquez Báez
Laboratory Operations Director
Licensed Chemist 5471

COLEGIO DE QUIMICOS ASOCIADO DE PUERTO RICO
QUIMICO LICENCIADO
A 1542511

CERTIFIED BY PUERTO RICO DEPARTMENT OF HEALTH FOR DRINKING WATER-CERTIFICATION NUMBER PR 00947
NELAC CERTIFIED BY FLORIDA DEPARTMENT OF HEALTH-CERTIFICATION NUMBER E871068
AIHA LAP, LLC ACCREDITED LABORATORY - ID #199763
Test results in this report meet NELAC, ISO 17025 and/or AIHA-LAP requirements, as applicable. For Scopes of Accreditation of each refer to www.altolenterprises.com

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REPORT OF ANALYSIS

Certificate Number: CERT - 9680

August 12, 2015

Customer Name:	Aerostar SES	**Custody Number:**	079391
Contact:	Rick Levin	**Sampled Date:**	Wednesday, July 15, 2015
Customer Address:	11181St.Johns Industrial Pkwy.N.	**Sampled Time:**	1520 hrs.
	Jacksonville Florida 32246	**Received Date:**	Thursday, July 16, 2015
Phone/Fax:	904-565-2820	**Received Time:**	1658 hrs.
Contact Email:	rlevin@aerostar.net	**Sample Matrix:**	Solid
Sampled By:	Tim Cullen	**Sample Type:**	Grab
Sample Received By:	C. Lopez	**Temp Rec at Lab:**	4 °C
Sample Delivered By:	E. Ruiz	**Lab. Sample Number:**	AT-15-6885

ESTADO LIBRE ASOCIADO DE PUERTO RICO
Saira Vázquez Báez
Lic. #5471
QUIMICO LICENCIADO

Project and Sample Description: Fort Buchanan - Building 517 - Light Pole
SS - 008 - 0.5

Parameter	Units	Result	Method	Method Detection Limit	Sample Extraction Date	Analysis Date	Analysis Time	Analyst
MtBE	mg/kg	ND	EPA 8260	0.12	July 20, 2015	July 25, 2015	0249	GP
TPH Diesel	mg/kg	666	EPA 8015	110	July 20, 2015	July 30, 2015	2211	LS
TPH Gasoline	mg/kg	ND	EPA 8015	33	July 20, 2015	August 5, 2015	0246	GP
BTEX's	---	---	---	---	---	---	---	---
Benzene	mg/kg	ND	EPA 8260	0.39	July 20, 2015	July 25, 2015	0249	GP
Ethylbenzene	mg/kg	ND	EPA 8260	0.47	July 20, 2015	July 25, 2015	0249	GP
M-P Xylene	mg/kg	ND	EPA 8260	0.51	July 20, 2015	July 25, 2015	0249	GP
O-Xylene	mg/kg	ND	EPA 8260	0.37	July 20, 2015	July 25, 2015	0249	GP
Toluene	mg/kg	ND	EPA 8260	0.41	July 20, 2015	July 25, 2015	0249	GP
PAHs Bundle	---	---	---	---	---	---	---	---
1-Methylnaphthalene	mg/kg	ND	EPA 8270c	0.013	July 20, 2015	August 2, 2015	1638	GP
2-Methylnaphthalene	mg/kg	ND	EPA 8270c	0.013	July 20, 2015	August 2, 2015	1638	GP
Acenaphthene	mg/kg	ND	EPA 8270c	0.020	July 20, 2015	August 2, 2015	1638	GP

CERTIFIED BY PUERTO RICO DEPARTMENT OF HEALTH FOR DRINKING WATER-CERTIFICATION NUMBER PR 00947
NELAC CERTIFIED BY FLORIDA DEPARTMENT OF HEALTH-CERTIFICATION NUMBER E871068
AIHA LAP, LLC ACCREDITED LABORATORY - ID #199763
Test results in this report meet NELAC, ISO 17025 and/or AIHA-LAP requirements, as applicable. For Scopes of Accreditation of each refer to www.altolenterprises.com

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REPORT OF ANALYSIS

Certificate Number: CERT - 9680

August 12, 2015

Parameter	Units	Result	Method	Method Detection Limit	Sample Extraction Date	Analysis Date	Analysis Time	Analyst
Acenaphthylene	mg/kg	ND	EPA 8270c	0.017	July 20, 2015	August 2, 2015	1638	GP
Anthracene	mg/kg	ND	EPA 8270c	0.038	July 20, 2015	August 2, 2015	1638	GP
Benzo(a)anthracene	mg/kg	ND	EPA 8270c	0.049	July 20, 2015	August 2, 2015	1638	GP
Benzo(a)pyrene	mg/kg	ND	EPA 8270c	0.025	July 20, 2015	August 2, 2015	1638	GP
Benzo(b)Fluoranthene	mg/kg	ND	EPA 8270c	0.049	July 20, 2015	August 2, 2015	1638	GP
Benzo(g,h,i)perylene	mg/kg	ND	EPA 8270c	0.032	July 20, 2015	August 2, 2015	1638	GP
Benzo(k)Fluoranthene	mg/kg	ND	EPA 8270c	0.054	July 20, 2015	August 2, 2015	1638	GP
Chrysene	mg/kg	ND	EPA 8270c	0.043	July 20, 2015	August 2, 2015	1638	GP
Dibenzo(a,h)anthracene	mg/kg	ND	EPA 8270c	0.038	July 20, 2015	August 2, 2015	1638	GP
Fluoranthene	mg/kg	ND	EPA 8270c	0.015	July 20, 2015	August 2, 2015	1638	GP
Fluorene	mg/kg	ND	EPA 8270c	0.022	July 20, 2015	August 2, 2015	1638	GP
Indeno(1,2,3-cd)pyrene	mg/kg	ND	EPA 8270c	0.042	July 20, 2015	August 2, 2015	1638	GP
Naphthalene	mg/kg	ND	EPA 8270c	0.0065	July 20, 2015	August 2, 2015	1638	GP
Phenanthrene	mg/kg	ND	EPA 8270c	0.040	July 20, 2015	August 2, 2015	1638	GP
Pyrene	mg/kg	ND	EPA 8270c	0.013	July 20, 2015	August 2, 2015	1638	GP

ND= Not Detected

Saira Vázquez Báez
Laboratory Operations Director
Licensed Chemist 5471

Saira Vázquez Báez
Lic. #5471
QUIMICO LICENCIADO
Agosto 12, 2015
A 1542512

CERTIFIED BY PUERTO RICO DEPARTMENT OF HEALTH FOR DRINKING WATER-CERTIFICATION NUMBER PR 00947
NELAC CERTIFIED BY FLORIDA DEPARTMENT OF HEALTH-CERTIFICATION NUMBER E871068
AIHA LAP, LLC ACCREDITED LABORATORY - ID #199763
Test results in this report meet NELAC, ISO 17025 and/or AIHA-LAP requirements, as applicable. For Scopes of Accreditation of each refer to www.altolenterprises.com

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REPORT OF ANALYSIS

Certificate Number: CERT - 9681

August 12, 2015

Customer Name:	Aerostar SES	**Custody Number:**	079391
Contact:	Rick Levin	**Sampled Date:**	Wednesday, July 15, 2015
Customer Address:	11181St.Johns Industrial Pkwy.N.	**Sampled Time:**	1525 hrs.
	Jacksonville Florida 32246	**Received Date:**	Thursday, July 16, 2015
Phone/Fax:	904-565-2820	**Received Time:**	1658 hrs.
Contact Email:	rlevin@aerostar.net	**Sample Matrix:**	Solid
Sampled By:	Tim Cullen	**Sample Type:**	Grab
Sample Received By:	C. Lopez	**Temp Rec at Lab:**	4 °C
Sample Delivered By:	E. Ruiz	**Lab. Sample Number:**	AT-15-6886

ESTADO LIBRE ASOCIADO DE PUERTO RICO
Saira Vázquez Báez
Lic. #5471
QUIMICO LICENCIADO

Project and Sample Description: Fort Buchanan - Building 517 - Light Pole
SS - 009 - 0.5

Parameter	Units	Result	Method	Method Detection Limit	Sample Extraction Date	Analysis Date	Analysis Time	Analyst
MtBE	mg/kg	ND	EPA 8260	0.12	July 20, 2015	July 29, 2015	2017	GP
TPH Diesel	mg/kg	113	EPA 8015	5.9	July 20, 2015	July 30, 2015	2304	LS
TPH Gasoline	mg/kg	ND	EPA 8015	33	July 20, 2015	August 6, 2015	0621	GP
BTEX's	---	---	---	---	---	---	---	---
Benzene	mg/kg	ND	EPA 8260	0.40	July 20, 2015	July 29, 2015	2017	GP
Ethylbenzene	mg/kg	ND	EPA 8260	0.48	July 20, 2015	July 29, 2015	2017	GP
M-P Xylene	mg/kg	ND	EPA 8260	0.51	July 20, 2015	July 29, 2015	2017	GP
O-Xylene	mg/kg	ND	EPA 8260	0.38	July 20, 2015	July 29, 2015	2017	GP
Toluene	mg/kg	ND	EPA 8260	0.42	July 20, 2015	July 29, 2015	2017	GP
PAHs Bundle	---	---	---	---	---	---	---	---
1-Methylnaphthalene	mg/kg	ND	EPA 8270c	0.014	July 20, 2015	August 2, 2015	1608	GP
2-Methylnaphthalene	mg/kg	ND	EPA 8270c	0.013	July 20, 2015	August 2, 2015	1608	GP
Acenaphthene	mg/kg	ND	EPA 8270c	0.020	July 20, 2015	August 2, 2015	1608	GP

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CERTIFIED BY PUERTO RICO DEPARTMENT OF HEALTH FOR DRINKING WATER-CERTIFICATION NUMBER PR 00947
NELAC CERTIFIED BY FLORIDA DEPARTMENT OF HEALTH-CERTIFICATION NUMBER E871068
AIHA LAP, LLC ACCREDITED LABORATORY - ID #199763
Test results in this report meet NELAC, ISO 17025 and/or AIHA-LAP requirements, as applicable. For Scopes of Accreditation of each refer to www.altolenterprises.com
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IAR ISO/IEC 17025:2005 ACCREDITED Laboratory

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REPORT OF ANALYSIS

Certificate Number: CERT - 9681

August 12, 2015

Parameter	Units	Result	Method	Method Detection Limit	Sample Extraction Date	Analysis Date	Analysis Time	Analyst
Acenaphthylene	mg/kg	ND	EPA 8270c	0.017	July 20, 2015	August 2, 2015	1608	GP
Anthracene	mg/kg	ND	EPA 8270c	0.038	July 20, 2015	August 2, 2015	1608	GP
Benzo(a)anthracene	mg/kg	ND	EPA 8270c	0.049	July 20, 2015	August 2, 2015	1608	GP
Benzo(a)pyrene	mg/kg	ND	EPA 8270c	0.025	July 20, 2015	August 2, 2015	1608	GP
Benzo(b)Fluoranthene	mg/kg	ND	EPA 8270c	0.049	July 20, 2015	August 2, 2015	1608	GP
Benzo(g,h,i)perylene	mg/kg	ND	EPA 8270c	0.032	July 20, 2015	August 2, 2015	1608	GP
Benzo(k)Fluoranthene	mg/kg	ND	EPA 8270c	0.054	July 20, 2015	August 2, 2015	1608	GP
Chrysene	mg/kg	ND	EPA 8270c	0.043	July 20, 2015	August 2, 2015	1608	GP
Dibenzo(a,h)anthracene	mg/kg	ND	EPA 8270c	0.038	July 20, 2015	August 2, 2015	1608	GP
Fluoranthene	mg/kg	1.29	EPA 8270c	0.016	July 20, 2015	August 2, 2015	1608	GP
Fluorene	mg/kg	ND	EPA 8270c	0.022	July 20, 2015	August 2, 2015	1608	GP
Indeno(1,2,3-cd)pyrene	mg/kg	ND	EPA 8270c	0.042	July 20, 2015	August 2, 2015	1608	GP
Naphthalene	mg/kg	ND	EPA 8270c	0.0065	July 20, 2015	August 2, 2015	1608	GP
Phenanthrene	mg/kg	ND	EPA 8270c	0.040	July 20, 2015	August 2, 2015	1608	GP
Pyrene	mg/kg	1.30	EPA 8270c	0.013	July 20, 2015	August 2, 2015	1608	GP

ND= Not Detected

Saira Vázquez Báez
Licenced Chemist #5471

Saira Vázquez Báez
Laboratory Operations Director
Licensed Chemist 5471

Agosto 12, 2015
A 1542513

CERTIFIED BY PUERTO RICO DEPARTMENT OF HEALTH FOR DRINKING WATER-CERTIFICATION NUMBER PR 00947
NELAC CERTIFIED BY FLORIDA DEPARTMENT OF HEALTH-CERTIFICATION NUMBER E871068
AIHA LAP, LLC ACCREDITED LABORATORY - ID #199763
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REPORT OF ANALYSIS

Certificate Number: CERT - 9682

August 12, 2015

Customer Name:	Aerostar SES	**Custody Number:**	079391
Contact:	Rick Levin	**Sampled Date:**	Wednesday, July 15, 2015
Customer Address:	11181St.Johns Industrial Pkwy.N.	**Sampled Time:**	1530 hrs.
	Jacksonville Florida 32246	**Received Date:**	Thursday, July 16, 2015
Phone/Fax:	904-565-2820	**Received Time:**	1658 hrs.
Contact Email:	rlevin@aerostar.net	**Sample Matrix:**	Solid
Sampled By:	Tim Cullen	**Sample Type:**	Grab
Sample Received By:	C. Lopez	**Temp Rec at Lab:**	4 °C
Sample Delivered By:	E. Ruiz	**Lab. Sample Number:**	AT-15-6887

Saira Vázquez Báez
Lic. #5471
S Vazquez
QUIMICO LICENCIADO

Project and Sample Description: Fort Buchanan - Building 517 - Light Pole
SS - 010 - 1.0

Parameter	Units	Result	Method	Method Detection Limit	Sample Extraction Date	Analysis Date	Analysis Time	Analyst
MtBE	mg/kg	ND	EPA 8260	0.11	July 20, 2015	July 29, 2015	2223	GP
TPH Diesel	mg/kg	72.8	EPA 8015	5.7	July 20, 2015	July 31, 2015	0141	LS
TPH Gasoline	mg/kg	ND	EPA 8015	30	July 20, 2015	August 6, 2015	1358	GP
BTEX's	---	---	---	---	---	---	---	---
Benzene	mg/kg	ND	EPA 8260	0.35	July 20, 2015	July 29, 2015	2223	GP
Ethylbenzene	mg/kg	ND	EPA 8260	0.42	July 20, 2015	July 29, 2015	2223	GP
M-P Xylene	mg/kg	ND	EPA 8260	0.46	July 20, 2015	July 29, 2015	2223	GP
O-Xylene	mg/kg	ND	EPA 8260	0.34	July 20, 2015	July 29, 2015	2223	GP
Toluene	mg/kg	ND	EPA 8260	0.37	July 20, 2015	July 29, 2015	2223	GP
PAHs Bundle	---	---	---	---	---	---	---	---
1-Methylnaphthalene	mg/kg	ND	EPA 8270c	0.013	July 20, 2015	August 2, 2015	1107	GP
2-Methylnaphthalene	mg/kg	ND	EPA 8270c	0.012	July 20, 2015	August 2, 2015	1107	GP
Acenaphthene	mg/kg	ND	EPA 8270c	0.020	July 20, 2015	August 2, 2015	1107	GP

CERTIFIED BY PUERTO RICO DEPARTMENT OF HEALTH FOR DRINKING WATER-CERTIFICATION NUMBER PR 00947
NELAC CERTIFIED BY FLORIDA DEPARTMENT OF HEALTH-CERTIFICATION NUMBER E871068
AIHA LAP, LLC ACCREDITED LABORATORY - ID #199763
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REPORT OF ANALYSIS

Certificate Number: CERT - 9682

August 12, 2015

Parameter	Units	Result	Method	Method Detection Limit	Sample Extraction Date	Analysis Date	Analysis Time	Analyst
Acenaphthylene	mg/kg	ND	EPA 8270c	0.017	July 20, 2015	August 2, 2015	1107	GP
Anthracene	mg/kg	ND	EPA 8270c	0.037	July 20, 2015	August 2, 2015	1107	GP
Benzo(a)anthracene	mg/kg	ND	EPA 8270c	0.048	July 20, 2015	August 2, 2015	1107	GP
Benzo(a)pyrene	mg/kg	ND	EPA 8270c	0.025	July 20, 2015	August 2, 2015	1107	GP
Benzo(b)Fluoranthene	mg/kg	ND	EPA 8270c	0.047	July 20, 2015	August 2, 2015	1107	GP
Benzo(g,h,i)perylene	mg/kg	ND	EPA 8270c	0.031	July 20, 2015	August 2, 2015	1107	GP
Benzo(k)Fluoranthene	mg/kg	ND	EPA 8270c	0.052	July 20, 2015	August 2, 2015	1107	GP
Chrysene	mg/kg	ND	EPA 8270c	0.042	July 20, 2015	August 2, 2015	1107	GP
Dibenzo(a,h)anthracene	mg/kg	ND	EPA 8270c	0.037	July 20, 2015	August 2, 2015	1107	GP
Fluoranthene	mg/kg	ND	EPA 8270c	0.015	July 20, 2015	August 2, 2015	1107	GP
Fluorene	mg/kg	ND	EPA 8270c	0.022	July 20, 2015	August 2, 2015	1107	GP
Indeno(1,2,3-cd)pyrene	mg/kg	ND	EPA 8270c	0.041	July 20, 2015	August 2, 2015	1107	GP
Naphthalene	mg/kg	ND	EPA 8270c	0.0063	July 20, 2015	August 2, 2015	1107	GP
Phenanthrene	mg/kg	ND	EPA 8270c	0.039	July 20, 2015	August 2, 2015	1107	GP
Pyrene	mg/kg	ND	EPA 8270c	0.012	July 20, 2015	August 2, 2015	1107	GP

ND= Not Detected

Saira Vázquez Báez
Laboratory Operations Director
Licensed Chemist 5471

Saira Vázquez Báez
Lic. #5471
Agosto 12, 2015
A 1542514

CERTIFIED BY PUERTO RICO DEPARTMENT OF HEALTH FOR DRINKING WATER-CERTIFICATION NUMBER PR 00947
NELAC CERTIFIED BY FLORIDA DEPARTMENT OF HEALTH-CERTIFICATION NUMBER E871068
AIHA LAP, LLC ACCREDITED LABORATORY - ID #199763
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ALTOL CHEMICAL ENVIRONMENTAL LABORATORY, INC.
SABANETAS INDUSTRIAL PARK, EDIFICIO M-1380, PONCE PR 00731
PO Box 359 Mercedita, PR 00715
TEL.787-848-6050 FAX: 787-848-6299

IAR International Accreditation Registry

5495

CUSTODY # 079391

Customer Company Name & Address: Aerostar SES LLC, 11181 St. Johns Industrial Pkwy N., Jacksonville, FL 32246

Customer Contact (Print name & sign): Rick Levin, Tim Cullen

Project Name: Fort Buchanan - Buildings 512 (Light Pole)

Project Address: Fort Buchanan, Guaynabo, PR

Phone: 904-565-2820

TURN AROUND TIME: Rush | 14 Days | X Normal | Invoice to sample | Owner | X Consultant

ANALYSIS TYPE		SAMPLE TYPE		SAMPLE MATRIX	# CONTAINERS
X Chemical	Microbiology	Source Water	Drinking Water	Liquid	Sterile
ENVIRONMENTAL CONDITION		Waste Water	Food	X Solid	Plastic
X Sunny	Cloudy	Ground Water	Solid Waste	Oil	4 Glass
Rainy	X Windy	X Soil	X Composite HRS	Sludge	Vials
Fugitive Dust	Other	Seawater	X Grab	Other	Other

LAB. SAMPLE # (LAB USE)	DATE	TIME	SAMPLE DESCRIPTION OR SAMPLING POINT NUMBER
comp. ✓ AT15-6878	7/15/15	1445	SS-001-0.5/2.0
comp. ✓ AT15-6879	7/15/15	1450	SS-002-0.5/2.0
comp. ✓ AT15-6880	7/15/15	1455	SS-003-0.5/2.0
comp. ✓ AT15-6881	7/15/15	1500	SS-004-0.5/2.0
✓ AT15-6882	7/15/15	1505	SS-005-3.0
✓ AT15-6883	7/15/15	1510	SS-006-0.5
✓ AT15-6884	7/15/15	1515	SS007-0.5
✓ AT15-6885	7/15/15	1520	SS-008-0.5
✓ AT15-6886	7/15/15	1525	SS-009-0.5
✓ AT15-6887	7/15/15	1530	SS-010-1.0

Comments & Special Instructions: Analyses: BTEX/MTBE-8260B/5030, PAHs-8270C SIM/3520C, TPH DRO-8015C/3520C, TPH GRO-8015C/5030B

METALS	WET CHEMISTRY			CHROMATOGRAPHY
Aluminum (A,C)	Acidity (A)		Phenol (A)	BTEX (A,E)
Antimony (A,C)	Alkalinity (A)		P. Total (A, B)	BTEX (A)
Arsenic (A,C)	Ammonia (A,B)		Res. Chlorine (A)	Chloroform as TTO (A)(E)
Barium (A,C)	Asbestos (A)		Set. Solids mg/L (A)	Dioxin (A)
Beriliium (A,C)	Bicarbonate (A)		Set. Solids ml/L (A)	MIBK(A)
Bismuth (A,C)	BOD-5 (A)		Silica (A)	MTBE(A)
Boron (A,C)	Bromide (A)		Solids Total (A)	PCB'S(A) 8082 608 (A)
Cadmium (A,C)	CaO MgO (1)		Sulfate(A)	Pesticide - TTO (A)
Calcium (A,C)	Carbonate (A)		Sulfide UND (D,H,A)	Phenols by GC (A)
Chromium (A,C)	Chloride (A)		Sulfite (A)	TBA (A)
Chromium VI(A,C)	COD (A,B)		Surfactant (A)	TPH D G O (A)
Cobalt (A,C)	Color ADMI (A)		Suspended Solids (A)	TTO (A,E)
Cooper (A,C)	Color Pt-Co (A)		TDS (A)	TTO Semi-Volatile (A)
Gold (A)	Conductivity (A)		TKN (A,B)	VOC's - TTO (A,)
Hardness (A,C)	Cyanide (A,D,G)		TOC (A,B)	MICROBIOLOGY
Iron (A,C)	D.O (A)		Turbidity (A)	Total Coliform (A,F)
Lead (A,C)	Fluoride (A)			Fecal Coliform (A,F)
Lead (A)	Iodide (A)		RCRA	HPC (A,F)
Lithium (A,C)	Iodine (A)		Reactivity (A)	Enterococcus (A,F)
Magnesium (A,C)	MLVSS (A)		Corrosivity (A)	E. Coli 0157 MPN (A,F)
Manganese (A,C)	Moisture (A)		Ignitability (A)	Mold & Yeast (A,F)
Mercury (A,C)	Nitrate & Nitrite (A)		Metals - TCLP (A)	Salmonella (A,F)
Molybdenum (A,C)	Nitrate (A)		Volatile - TCLP (A)	Campylobacter(A,F)
Nickel (A,C)	Nitrite (A)		Semi-Volatile-TCLP (A)	Listeria (A,F)
Potassium (A,C)	O&G Total (A,B)		Pesticide - TCLP (A)	FOOD ANALYSES
Selenium (A,C)	O&G TPH (A,B)		Herbicide - TCLP (A)	% Collagen
Silicon (A,C)	Ortho Phosphate (A,B)		TOX (A)	% FAT
Silver (A,C)				% Protein
Sodium (A,C)	O_2 mg/l			Water Activity - Aw
Strontium (A,C)				
Thallium (A,C)	pH su			
Tin (A,C)				
Titanium (A,C)	Temp °C			
Vanadium (A,C)				
Zinc (A,C)	Cl_2 mg/l			

LEGEND PRESERVATION USED			
A	Ice (Cool,4 °C)	E	HCL
B	H_2SO_4	F	Sodium Thiosfulfate
C	HNO_3	G	Ascorbic Acid
D	Na OH	H	Zinc Acetate
I	Other:		

CONDITIONS OF SAMPLES UPON RECEIPT	TEMPERATURE OF SAMPLE	CONDITION SAMPLE	LABORATORY ACTION
	Room Temperature	✓ Sample Intact	✓ Sample Accepted
Thermometer Serial # 1108	Frozen	Properly Preserved	Sample Rejected
	RECEIVED AT 4 °C	Sample Compromised	

Sample Collected & Relinquished by (Print name & sign): Tim Cullen	Date: 7/15/15 Time: —	Received by (Print name & sign):	Date: 7/16/15 Time: 1150	Delivery to Lab. by (Print name & sign):
Company: Aerostar SES LLC	Collector ID#	Company: ALCHEM	Collector ID#	Date: 7/16/15 Time: 1658
Relinquished by (Print name & sign): Tim Cullen	Date: 7/16/15 Time: 1150	Received by (Print name & sign):	Date: Time:	Received at Lab. by (Print name & sign): Carmen Lopez
Company: Aerostar SES LLC	Collector ID#	Company:	Collector ID#	Date: 7/16/15 Time: 1658

PROCEDURE NO: ALGAP008

All development of our analysis methods meet government regulatory agencies.

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REPORT OF ANALYSIS

Certificate Number: CERT - 9683

August 12, 2015

Customer Name:	Aerostar SES	**Custody Number:**	079392
Contact:	Rick Levin	**Sampled Date:**	Wednesday, July 15, 2015
Customer Address:	11181St.Johns Industrial Pkwy.N.	**Sampled Time:**	1535 hrs.
	Jacksonville Florida 32246	**Received Date:**	Thursday, July 16, 2015
Phone/Fax:	904-565-2820	**Received Time:**	1658 hrs.
Contact Email:	rlevin@aerostar.net	**Sample Matrix:**	Solid
Sampled By:	Tim Cullen	**Sample Type:**	Grab
Sample Received By:	C. Lopez	**Temp Rec at Lab:**	4 °C
Sample Delivered By:	E. Ruiz	**Lab. Sample Number:**	AT-15-6888
Project and Sample Description:	Fort Buchanan - Building 517 - Light Pole SS - 011 - 0.5		

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Saira Vázquez Báez
Lic. #5471
QUÍMICO LICENCIADO

Parameter	Units	Result	Method	Method Detection Limit	Sample Extraction Date	Analysis Date	Analysis Time	Analyst
MtBE	mg/kg	ND	EPA 8260	0.10	July 20, 2015	July 29, 2015	2255	GP
TPH Diesel	mg/kg	41.0	EPA 8015	5.7	July 20, 2015	July 31, 2015	0208	LS
TPH Gasoline	mg/kg	ND	EPA 8015	29	July 20, 2015	August 6, 2015	1558	GP
BTEX's	---	---	---	---	---	---	---	---
Benzene	mg/kg	ND	EPA 8260	0.34	July 20, 2015	July 29, 2015	2255	GP
Ethylbenzene	mg/kg	ND	EPA 8260	0.41	July 20, 2015	July 29, 2015	2255	GP
M-P Xylene	mg/kg	ND	EPA 8260	0.45	July 20, 2015	July 29, 2015	2255	GP
O-Xylene	mg/kg	ND	EPA 8260	0.33	July 20, 2015	July 29, 2015	2255	GP
Toluene	mg/kg	ND	EPA 8260	0.36	July 20, 2015	July 29, 2015	2255	GP
PAHs Bundle	---	---	---	---	---	---	---	---
1-Methylnaphthalene	mg/kg	ND	EPA 8270c	0.013	July 20, 2015	August 2, 2015	1237	GP
2-Methylnaphthalene	mg/kg	ND	EPA 8270c	0.012	July 20, 2015	August 2, 2015	1237	GP
Acenaphthene	mg/kg	ND	EPA 8270c	0.020	July 20, 2015	August 2, 2015	1237	GP

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NELAC CERTIFIED BY FLORIDA DEPARTMENT OF HEALTH-CERTIFICATION NUMBER E871068
AIHA LAP, LLC ACCREDITED LABORATORY - ID #199763
Test results in this report meet NELAC, ISO 17025 and/or AIHA-LAP requirements, as applicable. For Scopes of Accreditation of each refer to www.altolenterprises.com

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REPORT OF ANALYSIS

Certificate Number: CERT - 9683

August 12, 2015

Parameter	Units	Result	Method	Method Detection Limit	Sample Extraction Date	Analysis Date	Analysis Time	Analyst
Acenaphthylene	mg/kg	ND	EPA 8270c	0.017	July 20, 2015	August 2, 2015	1237	GP
Anthracene	mg/kg	ND	EPA 8270c	0.037	July 20, 2015	August 2, 2015	1237	GP
Benzo(a)anthracene	mg/kg	ND	EPA 8270c	0.047	July 20, 2015	August 2, 2015	1237	GP
Benzo(a)pyrene	mg/kg	ND	EPA 8270c	0.025	July 20, 2015	August 2, 2015	1237	GP
Benzo(b)Fluoranthene	mg/kg	ND	EPA 8270c	0.047	July 20, 2015	August 2, 2015	1237	GP
Benzo(g,h,i)perylene	mg/kg	ND	EPA 8270c	0.031	July 20, 2015	August 2, 2015	1237	GP
Benzo(k)Fluoranthene	mg/kg	ND	EPA 8270c	0.052	July 20, 2015	August 2, 2015	1237	GP
Chrysene	mg/kg	ND	EPA 8270c	0.042	July 20, 2015	August 2, 2015	1237	GP
Dibenzo(a,h)anthracene	mg/kg	ND	EPA 8270c	0.037	July 20, 2015	August 2, 2015	1237	GP
Fluoranthene	mg/kg	ND	EPA 8270c	0.015	July 20, 2015	August 2, 2015	1237	GP
Fluorene	mg/kg	ND	EPA 8270c	0.022	July 20, 2015	August 2, 2015	1237	GP
Indeno(1,2,3-cd)pyrene	mg/kg	ND	EPA 8270c	0.041	July 20, 2015	August 2, 2015	1237	GP
Naphthalene	mg/kg	ND	EPA 8270c	0.0062	July 20, 2015	August 2, 2015	1237	GP
Phenanthrene	mg/kg	ND	EPA 8270c	0.039	July 20, 2015	August 2, 2015	1237	GP
Pyrene	mg/kg	ND	EPA 8270c	0.012	July 20, 2015	August 2, 2015	1237	GP

ND= Not Detected

Saira Vázquez Báez
Laboratory Operations Director
Licensed Chemist 5471

ESTADO LIBRE ASOCIADO DE PUERTO RICO
Saira Vázquez Báez
Lic. #5471
QUIMICO LICENCIADO
Agosto 12, 2015
A 1542525

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NELAC CERTIFIED BY FLORIDA DEPARTMENT OF HEALTH-CERTIFICATION NUMBER E871068
AIHA LAP, LLC ACCREDITED LABORATORY - ID #199763
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REPORT OF ANALYSIS

Certificate Number: CERT - 9684

August 12, 2015

Customer Name:	Aerostar SES	**Custody Number:**	079392
Contact:	Rick Levin	**Sampled Date:**	Wednesday, July 15, 2015
Customer Address:	11181St.Johns Industrial Pkwy.N.	**Sampled Time:**	1540 hrs.
	Jacksonville Florida 32246	**Received Date:**	Thursday, July 16, 2015
Phone/Fax:	904-565-2820	**Received Time:**	1658 hrs.
Contact Email:	rlevin@aerostar.net	**Sample Matrix:**	Solid
Sampled By:	Tim Cullen	**Sample Type:**	Grab
Sample Received By:	C. Lopez	**Temp Rec at Lab:**	4 °C
Sample Delivered By:	E. Ruiz	**Lab. Sample Number:**	AT-15-6889

ESTADO LIBRE ASOCIADO DE PUERTO RICO
Saira Vázquez Báez
Lic. #5471
QUÍMICO LICENCIADO

Project and Sample Description:	Fort Buchanan - Building 517 - Light Pole SS - 012 - 0.5

Parameter	Units	Result	Method	Method Detection Limit	Sample Extraction Date	Analysis Date	Analysis Time	Analyst
MtBE	mg/kg	ND	EPA 8260	0.10	July 20, 2015	July 29, 2015	2327	GP
TPH Diesel	mg/kg	940	EPA 8015	110	July 20, 2015	July 31, 2015	0242	LS
TPH Gasoline	mg/kg	ND	EPA 8015	29	July 20, 2015	August 6, 2015	1649	GP
BTEX's	---	---	---	---	---	---	---	---
Benzene	mg/kg	ND	EPA 8260	0.34	July 20, 2015	July 29, 2015	2327	GP
Ethylbenzene	mg/kg	ND	EPA 8260	0.41	July 20, 2015	July 29, 2015	2327	GP
M-P Xylene	mg/kg	ND	EPA 8260	0.45	July 20, 2015	July 29, 2015	2327	GP
O-Xylene	mg/kg	ND	EPA 8260	0.33	July 20, 2015	July 29, 2015	2327	GP
Toluene	mg/kg	ND	EPA 8260	0.36	July 20, 2015	July 29, 2015	2327	GP
PAHs Bundle	---	---	---	---	---	---	---	---
1-Methylnaphthalene	mg/kg	ND	EPA 8270c	0.013	July 20, 2015	August 2, 2015	1508	GP
2-Methylnaphthalene	mg/kg	ND	EPA 8270c	0.012	July 20, 2015	August 2, 2015	1508	GP
Acenaphthene	mg/kg	ND	EPA 8270c	0.019	July 20, 2015	August 2, 2015	1508	GP

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REPORT OF ANALYSIS

Certificate Number: CERT - 9684

August 12, 2015

Parameter	Units	Result	Method	Method Detection Limit	Sample Extraction Date	Analysis Date	Analysis Time	Analyst
Acenaphthylene	mg/kg	ND	EPA 8270c	0.017	July 20, 2015	August 2, 2015	1508	GP
Anthracene	mg/kg	ND	EPA 8270c	0.037	July 20, 2015	August 2, 2015	1508	GP
Benzo(a)anthracene	mg/kg	ND	EPA 8270c	0.047	July 20, 2015	August 2, 2015	1508	GP
Benzo(a)pyrene	mg/kg	ND	EPA 8270c	0.024	July 20, 2015	August 2, 2015	1508	GP
Benzo(b)Fluoranthene	mg/kg	ND	EPA 8270c	0.047	July 20, 2015	August 2, 2015	1508	GP
Benzo(g,h,i)perylene	mg/kg	ND	EPA 8270c	0.030	July 20, 2015	August 2, 2015	1508	GP
Benzo(k)Fluoranthene	mg/kg	ND	EPA 8270c	0.052	July 20, 2015	August 2, 2015	1508	GP
Chrysene	mg/kg	ND	EPA 8270c	0.041	July 20, 2015	August 2, 2015	1508	GP
Dibenzo(a,h)anthracene	mg/kg	ND	EPA 8270c	0.036	July 20, 2015	August 2, 2015	1508	GP
Fluoranthene	mg/kg	ND	EPA 8270c	0.015	July 20, 2015	August 2, 2015	1508	GP
Fluorene	mg/kg	ND	EPA 8270c	0.022	July 20, 2015	August 2, 2015	1508	GP
Indeno(1,2,3-cd)pyrene	mg/kg	ND	EPA 8270c	0.041	July 20, 2015	August 2, 2015	1508	GP
Naphthalene	mg/kg	ND	EPA 8270c	0.0062	July 20, 2015	August 2, 2015	1508	GP
Phenanthrene	mg/kg	ND	EPA 8270c	0.039	July 20, 2015	August 2, 2015	1508	GP
Pyrene	mg/kg	ND	EPA 8270c	0.012	July 20, 2015	August 2, 2015	1508	GP

ND= Not Detected

Saira Vázquez Báez
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A 1542526
Agosto 12, 2015

Saira Vázquez Báez
Laboratory Operations Director
Licensed Chemist 5471

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NELAC CERTIFIED BY FLORIDA DEPARTMENT OF HEALTH-CERTIFICATION NUMBER E871068
AIHA LAP, LLC ACCREDITED LABORATORY - ID #199763
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REPORT OF ANALYSIS

Certificate Number: CERT - 9685

August 12, 2015

Customer Name:	Aerostar SES	**Custody Number:**	079392
Contact:	Rick Levin	**Sampled Date:**	Wednesday, July 15, 2015
Customer Address:	11181St.Johns Industrial Pkwy.N.	**Sampled Time:**	1545 hrs.
	Jacksonville Florida 32246	**Received Date:**	Thursday, July 16, 2015
Phone/Fax:	904-565-2820	**Received Time:**	1658 hrs.
Contact Email:	rlevin@aerostar.net	**Sample Matrix:**	Solid
Sampled By:	Tim Cullen	**Sample Type:**	Grab
Sample Received By:	C. Lopez	**Temp Rec at Lab:**	4 °C
Sample Delivered By:	E. Ruiz	**Lab. Sample Number:**	AT-15-6890
Project and Sample Description:	Fort Buchanan - Building 517 - Light Pole SS - 013 - 0.5		

ESTADO LIBRE ASOCIADO DE PUERTO RICO
Saira Vázquez Báez
Lic. #5471
QUÍMICO LICENCIADO

Parameter	Units	Result	Method	Method Detection Limit	Sample Extraction Date	Analysis Date	Analysis Time	Analyst
MtBE	mg/kg	ND	EPA 8260	0.12	July 20, 2015	July 29, 2015	2358	GP
TPH Diesel	mg/kg	3,070	EPA 8015	110	July 20, 2015	July 31, 2015	0309	LS
TPH Gasoline	mg/kg	ND	EPA 8015	33	July 20, 2015	August 6, 2015	1717	GP
BTEX's	---	---	---	---	---	---	---	---
Benzene	mg/kg	ND	EPA 8260	0.40	July 20, 2015	July 29, 2015	2358	GP
Ethylbenzene	mg/kg	ND	EPA 8260	0.48	July 20, 2015	July 29, 2015	2358	GP
M-P Xylene	mg/kg	ND	EPA 8260	0.52	July 20, 2015	July 29, 2015	2358	GP
O-Xylene	mg/kg	ND	EPA 8260	0.38	July 20, 2015	July 29, 2015	2358	GP
Toluene	mg/kg	ND	EPA 8260	0.42	July 20, 2015	July 29, 2015	2358	GP
PAHs Bundle	---	---	---	---	---	---	---	---
1-Methylnaphthalene	mg/kg	ND	EPA 8270c	0.013	July 20, 2015	August 2, 2015	1538	GP
2-Methylnaphthalene	mg/kg	ND	EPA 8270c	0.012	July 20, 2015	August 2, 2015	1538	GP
Acenaphthene	mg/kg	ND	EPA 8270c	0.019	July 20, 2015	August 2, 2015	1538	GP

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REPORT OF ANALYSIS

Certificate Number: CERT - 9685

August 12, 2015

Parameter	Units	Result	Method	Method Detection Limit	Sample Extraction Date	Analysis Date	Analysis Time	Analyst
Acenaphthylene	mg/kg	ND	EPA 8270c	0.017	July 20, 2015	August 2, 2015	1538	GP
Anthracene	mg/kg	ND	EPA 8270c	0.037	July 20, 2015	August 2, 2015	1538	GP
Benzo(a)anthracene	mg/kg	ND	EPA 8270c	0.047	July 20, 2015	August 2, 2015	1538	GP
Benzo(a)pyrene	mg/kg	ND	EPA 8270c	0.024	July 20, 2015	August 2, 2015	1538	GP
Benzo(b)Fluoranthene	mg/kg	ND	EPA 8270c	0.047	July 20, 2015	August 2, 2015	1538	GP
Benzo(g,h,i)perylene	mg/kg	ND	EPA 8270c	0.030	July 20, 2015	August 2, 2015	1538	GP
Benzo(k)Fluoranthene	mg/kg	ND	EPA 8270c	0.052	July 20, 2015	August 2, 2015	1538	GP
Chrysene	mg/kg	ND	EPA 8270c	0.041	July 20, 2015	August 2, 2015	1538	GP
Dibenzo(a,h)anthracene	mg/kg	ND	EPA 8270c	0.036	July 20, 2015	August 2, 2015	1538	GP
Fluoranthene	mg/kg	ND	EPA 8270c	0.015	July 20, 2015	August 2, 2015	1538	GP
Fluorene	mg/kg	ND	EPA 8270c	0.022	July 20, 2015	August 2, 2015	1538	GP
Indeno(1,2,3-cd)pyrene	mg/kg	ND	EPA 8270c	0.041	July 20, 2015	August 2, 2015	1538	GP
Naphthalene	mg/kg	ND	EPA 8270c	0.0062	July 20, 2015	August 2, 2015	1538	GP
Phenanthrene	mg/kg	ND	EPA 8270c	0.039	July 20, 2015	August 2, 2015	1538	GP
Pyrene	mg/kg	ND	EPA 8270c	0.012	July 20, 2015	August 2, 2015	1538	GP

ND= Not Detected

Saira Vázquez Báez
Lic. #5471
Agosto 12, 2015
ESTADO LIBRE ASOCIADO DE PUERTO RICO
QUÍMICO LICENCIADO
A 1542527

Saira Vázquez Báez
Laboratory Operations Director
Licensed Chemist 5471

CERTIFIED BY PUERTO RICO DEPARTMENT OF HEALTH FOR DRINKING WATER-CERTIFICATION NUMBER PR 00947
NELAC CERTIFIED BY FLORIDA DEPARTMENT OF HEALTH-CERTIFICATION NUMBER E871068
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REPORT OF ANALYSIS

Certificate Number: CERT - 9686

August 12, 2015

Customer Name:	Aerostar SES	**Custody Number:**	079392
Contact:	Rick Levin	**Sampled Date:**	Wednesday, July 15, 2015
Customer Address:	11181St.Johns Industrial Pkwy.N.	**Sampled Time:**	1550 hrs.
	Jacksonville Florida 32246	**Received Date:**	Thursday, July 16, 2015
Phone/Fax:	904-565-2820	**Received Time:**	1658 hrs.
Contact Email:	rlevin@aerostar.net	**Sample Matrix:**	Solid
Sampled By:	Tim Cullen	**Sample Type:**	Grab
Sample Received By:	C. Lopez	**Temp Rec at Lab:**	4 °C
Sample Delivered By:	E. Ruiz	**Lab. Sample Number:**	AT-15-6891
Project and Sample Description:	Fort Buchanan - Building 517 - Light Pole SS - 014 - 0.5		

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Lic. #5471
QUÍMICO LICENCIADO

Parameter	Units	Result	Method	Method Detection Limit	Sample Extraction Date	Analysis Date	Analysis Time	Analyst
MtBE	mg/kg	ND	EPA 8260	0.11	July 20, 2015	July 30, 2015	0030	GP
TPH Diesel	mg/kg	1,108	EPA 8015	120	July 20, 2015	July 31, 2015	0336	LS
TPH Gasoline	mg/kg	ND	EPA 8015	30	July 20, 2015	August 6, 2015	1746	GP
BTEX's	---	---	---	---	---	---	---	---
Benzene	mg/kg	ND	EPA 8260	0.36	July 20, 2015	July 30, 2015	0030	GP
Ethylbenzene	mg/kg	ND	EPA 8260	0.44	July 20, 2015	July 30, 2015	0030	GP
M-P Xylene	mg/kg	ND	EPA 8260	0.47	July 20, 2015	July 30, 2015	0030	GP
O-Xylene	mg/kg	ND	EPA 8260	0.35	July 20, 2015	July 30, 2015	0030	GP
Toluene	mg/kg	ND	EPA 8260	0.38	July 20, 2015	July 30, 2015	0030	GP
PAHs Bundle	---	---	---	---	---	---	---	---
1-Methylnaphthalene	mg/kg	ND	EPA 8270c	0.013	July 20, 2015	August 5, 2015	1924	GP
2-Methylnaphthalene	mg/kg	ND	EPA 8270c	0.013	July 20, 2015	August 5, 2015	1924	GP
Acenaphthene	mg/kg	ND	EPA 8270c	0.020	July 20, 2015	August 5, 2015	1924	GP

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NELAC CERTIFIED BY FLORIDA DEPARTMENT OF HEALTH-CERTIFICATION NUMBER E871068
AIHA LAP, LLC ACCREDITED LABORATORY - ID #199763
Test results in this report meet NELAC, ISO 17025 and/or AIHA-LAP requirements, as applicable. For Scopes of Accreditation of each refer to www.altolenterprises.com

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REPORT OF ANALYSIS

Certificate Number: CERT - 9686

August 12, 2015

Parameter	Units	Result	Method	Method Detection Limit	Sample Extraction Date	Analysis Date	Analysis Time	Analyst
Acenaphthylene	mg/kg	ND	EPA 8270c	0.017	July 20, 2015	August 5, 2015	1924	GP
Anthracene	mg/kg	ND	EPA 8270c	0.038	July 20, 2015	August 5, 2015	1924	GP
Benzo(a)anthracene	mg/kg	ND	EPA 8270c	0.049	July 20, 2015	August 5, 2015	1924	GP
Benzo(a)pyrene	mg/kg	ND	EPA 8270c	0.025	July 20, 2015	August 5, 2015	1924	GP
Benzo(b)Fluoranthene	mg/kg	ND	EPA 8270c	0.048	July 20, 2015	August 5, 2015	1924	GP
Benzo(g,h,i)perylene	mg/kg	ND	EPA 8270c	0.031	July 20, 2015	August 5, 2015	1924	GP
Benzo(k)Fluoranthene	mg/kg	ND	EPA 8270c	0.054	July 20, 2015	August 5, 2015	1924	GP
Chrysene	mg/kg	0.436	EPA 8270c	0.043	July 20, 2015	August 5, 2015	1924	GP
Dibenzo(a,h)anthracene	mg/kg	ND	EPA 8270c	0.038	July 20, 2015	August 5, 2015	1924	GP
Fluoranthene	mg/kg	ND	EPA 8270c	0.015	July 20, 2015	August 5, 2015	1924	GP
Fluorene	mg/kg	ND	EPA 8270c	0.022	July 20, 2015	August 5, 2015	1924	GP
Indeno(1,2,3-cd)pyrene	mg/kg	ND	EPA 8270c	0.042	July 20, 2015	August 5, 2015	1924	GP
Naphthalene	mg/kg	ND	EPA 8270c	0.0064	July 20, 2015	August 5, 2015	1924	GP
Phenanthrene	mg/kg	ND	EPA 8270c	0.040	July 20, 2015	August 5, 2015	1924	GP
Pyrene	mg/kg	0.604	EPA 8270c	0.013	July 20, 2015	August 5, 2015	1924	GP

ND= Not Detected

Saira Vázquez Báez
Lic. #5471
Agosto 12, 2015
A 1542528

Saira Vázquez Báez
Laboratory Operations Director
Licensed Chemist 5471

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NELAC CERTIFIED BY FLORIDA DEPARTMENT OF HEALTH-CERTIFICATION NUMBER E871068
AIHA LAP, LLC ACCREDITED LABORATORY - ID #199763
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REPORT OF ANALYSIS

Certificate Number: CERT - 9687

August 12, 2015

Customer Name:	Aerostar SES	**Custody Number:**	079392
Contact:	Rick Levin	**Sampled Date:**	Wednesday, July 15, 2015
Customer Address:	11181St.Johns Industrial Pkwy.N.	**Sampled Time:**	1600 hrs.
	Jacksonville Florida 32246	**Received Date:**	Thursday, July 16, 2015
Phone/Fax:	904-565-2820	**Received Time:**	1658 hrs.
Contact Email:	rlevin@aerostar.net	**Sample Matrix:**	Solid
Sampled By:	Tim Cullen	**Sample Type:**	Grab
Sample Received By:	C. Lopez	**Temp Rec at Lab:**	4 °C
Sample Delivered By:	E. Ruiz	**Lab. Sample Number:**	AT-15-6892
Project and Sample Description:	Fort Buchanan - Building 517 - Light Pole SS - 015 - 1.0		

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QUÍMICO LICENCIADO

Parameter	Units	Result	Method	Method Detection Limit	Sample Extraction Date	Analysis Date	Analysis Time	Analyst
MtBE	mg/kg	ND	EPA 8260	0.11	July 20, 2015	July 30, 2015	0101	GP
TPH Diesel	mg/kg	15.1	EPA 8015	5.7	July 20, 2015	July 31, 2015	0358	LS
TPH Gasoline	mg/kg	ND	EPA 8015	30	July 20, 2015	August 6, 2015	1814	GP
BTEX's	---	---	---	---	---	---	---	---
Benzene	mg/kg	ND	EPA 8260	0.36	July 20, 2015	July 30, 2015	0101	GP
Ethylbenzene	mg/kg	ND	EPA 8260	0.43	July 20, 2015	July 30, 2015	0101	GP
M-P Xylene	mg/kg	ND	EPA 8260	0.46	July 20, 2015	July 30, 2015	0101	GP
O-Xylene	mg/kg	ND	EPA 8260	0.34	July 20, 2015	July 30, 2015	0101	GP
Toluene	mg/kg	ND	EPA 8260	0.37	July 20, 2015	July 30, 2015	0101	GP
PAHs Bundle	---	---	---	---	---	---	---	---
1-Methylnaphthalene	mg/kg	ND	EPA 8270c	0.013	July 20, 2015	August 5, 2015	1955	GP
2-Methylnaphthalene	mg/kg	ND	EPA 8270c	0.012	July 20, 2015	August 5, 2015	1955	GP
Acenaphthene	mg/kg	ND	EPA 8270c	0.020	July 20, 2015	August 5, 2015	1955	GP

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NELAC CERTIFIED BY FLORIDA DEPARTMENT OF HEALTH-CERTIFICATION NUMBER E871068
AIHA LAP, LLC ACCREDITED LABORATORY - ID #199763
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REPORT OF ANALYSIS

Certificate Number: CERT - 9687

August 12, 2015

Parameter	Units	Result	Method	Method Detection Limit	Sample Extraction Date	Analysis Date	Analysis Time	Analyst
Acenaphthylene	mg/kg	ND	EPA 8270c	0.017	July 20, 2015	August 5, 2015	1955	GP
Anthracene	mg/kg	ND	EPA 8270c	0.037	July 20, 2015	August 5, 2015	1955	GP
Benzo(a)anthracene	mg/kg	ND	EPA 8270c	0.048	July 20, 2015	August 5, 2015	1955	GP
Benzo(a)pyrene	mg/kg	ND	EPA 8270c	0.025	July 20, 2015	August 5, 2015	1955	GP
Benzo(b)Fluoranthene	mg/kg	ND	EPA 8270c	0.047	July 20, 2015	August 5, 2015	1955	GP
Benzo(g,h,i)perylene	mg/kg	ND	EPA 8270c	0.031	July 20, 2015	August 5, 2015	1955	GP
Benzo(k)Fluoranthene	mg/kg	ND	EPA 8270c	0.052	July 20, 2015	August 5, 2015	1955	GP
Chrysene	mg/kg	ND	EPA 8270c	0.042	July 20, 2015	August 5, 2015	1955	GP
Dibenzo(a,h)anthracene	mg/kg	ND	EPA 8270c	0.037	July 20, 2015	August 5, 2015	1955	GP
Fluoranthene	mg/kg	ND	EPA 8270c	0.015	July 20, 2015	August 5, 2015	1955	GP
Fluorene	mg/kg	ND	EPA 8270c	0.022	July 20, 2015	August 5, 2015	1955	GP
Indeno(1,2,3-cd)pyrene	mg/kg	ND	EPA 8270c	0.041	July 20, 2015	August 5, 2015	1955	GP
Naphthalene	mg/kg	ND	EPA 8270c	0.0063	July 20, 2015	August 5, 2015	1955	GP
Phenanthrene	mg/kg	ND	EPA 8270c	0.039	July 20, 2015	August 5, 2015	1955	GP
Pyrene	mg/kg	ND	EPA 8270c	0.012	July 20, 2015	August 5, 2015	1955	GP

ND= Not Detected

Saira Vázquez Báez
Lic. #5471
SVazquez
ESTADO LIBRE ASOCIADO DE PUERTO RICO
QUÍMICO LICENCIADO

Saira Vázquez Báez
Laboratory Operations Director
Licensed Chemist 5471

$5.00
Agosto 12, 2015
A 1542529

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NELAC CERTIFIED BY FLORIDA DEPARTMENT OF HEALTH-CERTIFICATION NUMBER E871068
AIHA LAP, LLC ACCREDITED LABORATORY - ID #199763
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REPORT OF ANALYSIS

Certificate Number: CERT - 9688

August 12, 2015

Customer Name:	Aerostar SES	**Custody Number:**	079392
Contact:	Rick Levin	**Sampled Date:**	Wednesday, July 15, 2015
Customer Address:	11181St.Johns Industrial Pkwy.N.	**Sampled Time:**	1605 hrs.
	Jacksonville Florida 32246	**Received Date:**	Thursday, July 16, 2015
Phone/Fax:	904-565-2820	**Received Time:**	1658 hrs.
Contact Email:	rlevin@aerostar.net	**Sample Matrix:**	Solid
Sampled By:	Tim Cullen	**Sample Type:**	Grab
Sample Received By:	C. Lopez	**Temp Rec at Lab:**	4 °C
Sample Delivered By:	E. Ruiz	**Lab. Sample Number:**	AT-15-6893
Project and Sample Description:	Fort Buchanan - Building 517 - Light Pole SS - 016 - 0.5		

ESTADO LIBRE ASOCIADO DE PUERTO RICO
Soila Vázquez Báez
Lic. #5471
QUÍMICO LICENCIADO

Parameter	Units	Result	Method	Method Detection Limit	Sample Extraction Date	Analysis Date	Analysis Time	Analyst
MtBE	mg/kg	ND	EPA 8260	0.11	July 20, 2015	July 30, 2015	0133	GP
TPH Diesel	mg/kg	30.8	EPA 8015	5.8	July 20, 2015	July 31, 2015	0425	LS
TPH Gasoline	mg/kg	ND	EPA 8015	30	July 20, 2015	August 6, 2015	1843	GP
BTEX's	---	---	---	---	---	---	---	---
Benzene	mg/kg	ND	EPA 8260	0.36	July 20, 2015	July 30, 2015	0133	GP
Ethylbenzene	mg/kg	ND	EPA 8260	0.43	July 20, 2015	July 30, 2015	0133	GP
M-P Xylene	mg/kg	ND	EPA 8260	0.47	July 20, 2015	July 30, 2015	0133	GP
O-Xylene	mg/kg	ND	EPA 8260	0.34	July 20, 2015	July 30, 2015	0133	GP
Toluene	mg/kg	ND	EPA 8260	0.38	July 20, 2015	July 30, 2015	0133	GP
PAHs Bundle	---	---	---	---	---	---	---	---
1-Methylnaphthalene	mg/kg	ND	EPA 8270c	0.013	July 20, 2015	August 5, 2015	2309	GP
2-Methylnaphthalene	mg/kg	ND	EPA 8270c	0.013	July 20, 2015	August 5, 2015	2309	GP
Acenaphthene	mg/kg	ND	EPA 8270c	0.020	July 20, 2015	August 5, 2015	2309	GP

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REPORT OF ANALYSIS

Certificate Number: CERT - 9688

August 12, 2015

Parameter	Units	Result	Method	Method Detection Limit	Sample Extraction Date	Analysis Date	Analysis Time	Analyst
Acenaphthylene	mg/kg	ND	EPA 8270c	0.017	July 20, 2015	August 5, 2015	2309	GP
Anthracene	mg/kg	ND	EPA 8270c	0.038	July 20, 2015	August 5, 2015	2309	GP
Benzo(a)anthracene	mg/kg	ND	EPA 8270c	0.048	July 20, 2015	August 5, 2015	2309	GP
Benzo(a)pyrene	mg/kg	ND	EPA 8270c	0.025	July 20, 2015	August 5, 2015	2309	GP
Benzo(b)Fluoranthene	mg/kg	ND	EPA 8270c	0.048	July 20, 2015	August 5, 2015	2309	GP
Benzo(g,h,i)perylene	mg/kg	ND	EPA 8270c	0.031	July 20, 2015	August 5, 2015	2309	GP
Benzo(k)Fluoranthene	mg/kg	ND	EPA 8270c	0.053	July 20, 2015	August 5, 2015	2309	GP
Chrysene	mg/kg	ND	EPA 8270c	0.043	July 20, 2015	August 5, 2015	2309	GP
Dibenzo(a,h)anthracene	mg/kg	ND	EPA 8270c	0.037	July 20, 2015	August 5, 2015	2309	GP
Fluoranthene	mg/kg	ND	EPA 8270c	0.015	July 20, 2015	August 5, 2015	2309	GP
Fluorene	mg/kg	ND	EPA 8270c	0.022	July 20, 2015	August 5, 2015	2309	GP
Indeno(1,2,3-cd)pyrene	mg/kg	ND	EPA 8270c	0.042	July 20, 2015	August 5, 2015	2309	GP
Naphthalene	mg/kg	ND	EPA 8270c	0.0064	July 20, 2015	August 5, 2015	2309	GP
Phenanthrene	mg/kg	ND	EPA 8270c	0.040	July 20, 2015	August 5, 2015	2309	GP
Pyrene	mg/kg	ND	EPA 8270c	0.013	July 20, 2015	August 5, 2015	2309	GP

ND= Not Detected

ESTADO LIBRE ASOCIADO DE PUERTO RICO
Saira Vázquez Báez
Lic. #5471
QUIMICO LICENCIADO

Agosto 12, 2016

A 1542530

Saira Vázquez Báez
Laboratory Operations Director
Licensed Chemist 5471

CERTIFIED BY PUERTO RICO DEPARTMENT OF HEALTH FOR DRINKING WATER-CERTIFICATION NUMBER PR 00947
NELAC CERTIFIED BY FLORIDA DEPARTMENT OF HEALTH-CERTIFICATION NUMBER E871068
AIHA LAP, LLC ACCREDITED LABORATORY - ID #199763
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REPORT OF ANALYSIS

Certificate Number: CERT - 9689

August 12, 2015

Customer Name:	Aerostar SES	**Custody Number:**	079392
Contact:	Rick Levin	**Sampled Date:**	Wednesday, July 15, 2015
Customer Address:	11181St.Johns Industrial Pkwy.N.	**Sampled Time:**	1610 hrs.
	Jacksonville Florida 32246	**Received Date:**	Thursday, July 16, 2015
Phone/Fax:	904-565-2820	**Received Time:**	1658 hrs.
Contact Email:	rlevin@aerostar.net	**Sample Matrix:**	Solid
Sampled By:	Tim Cullen	**Sample Type:**	Grab
Sample Received By:	C. Lopez	**Temp Rec at Lab:**	4 °C
Sample Delivered By:	E. Ruiz	**Lab. Sample Number:**	AT-15-6894

Project and Sample Description: Fort Buchanan - Building 517 - Light Pole
SS - 017 - 0.5

Parameter	Units	Result	Method	Method Detection Limit	Sample Extraction Date	Analysis Date	Analysis Time	Analyst
MtBE	mg/kg	ND	EPA 8260	0.11	July 20, 2015	July 30, 2015	0205	GP
TPH Diesel	mg/kg	80.1	EPA 8015	5.9	July 20, 2015	July 31, 2015	0547	LS
TPH Gasoline	mg/kg	ND	EPA 8015	30	July 20, 2015	August 6, 2015	0427	GP
BTEX's	---	---	---	---	---	---	---	---
Benzene	mg/kg	ND	EPA 8260	0.36	July 20, 2015	July 30, 2015	0205	GP
Ethylbenzene	mg/kg	ND	EPA 8260	0.43	July 20, 2015	July 30, 2015	0205	GP
M-P Xylene	mg/kg	ND	EPA 8260	0.47	July 20, 2015	July 30, 2015	0205	GP
O-Xylene	mg/kg	ND	EPA 8260	0.34	July 20, 2015	July 30, 2015	0205	GP
Toluene	mg/kg	ND	EPA 8260	0.38	July 20, 2015	July 30, 2015	0205	GP
PAHs Bundle	---	---	---	---	---	---	---	---
1-Methylnaphthalene	mg/kg	ND	EPA 8270c	0.013	July 20, 2015	August 6, 2015	0243	GP
2-Methylnaphthalene	mg/kg	ND	EPA 8270c	0.013	July 20, 2015	August 6, 2015	0243	GP
Acenaphthene	mg/kg	ND	EPA 8270c	0.020	July 20, 2015	August 6, 2015	0243	GP

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NELAC CERTIFIED BY FLORIDA DEPARTMENT OF HEALTH-CERTIFICATION NUMBER E871068
AIHA LAP, LLC ACCREDITED LABORATORY - ID #199763
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REPORT OF ANALYSIS

Certificate Number: CERT - 9689

August 12, 2015

Parameter	Units	Result	Method	Method Detection Limit	Sample Extraction Date	Analysis Date	Analysis Time	Analyst
Acenaphthylene	mg/kg	ND	EPA 8270c	0.017	July 20, 2015	August 6, 2015	0243	GP
Anthracene	mg/kg	ND	EPA 8270c	0.038	July 20, 2015	August 6, 2015	0243	GP
Benzo(a)anthracene	mg/kg	ND	EPA 8270c	0.049	July 20, 2015	August 6, 2015	0243	GP
Benzo(a)pyrene	mg/kg	ND	EPA 8270c	0.025	July 20, 2015	August 6, 2015	0243	GP
Benzo(b)Fluoranthene	mg/kg	ND	EPA 8270c	0.049	July 20, 2015	August 6, 2015	0243	GP
Benzo(g,h,i)perylene	mg/kg	ND	EPA 8270c	0.032	July 20, 2015	August 6, 2015	0243	GP
Benzo(k)Fluoranthene	mg/kg	ND	EPA 8270c	0.054	July 20, 2015	August 6, 2015	0243	GP
Chrysene	mg/kg	ND	EPA 8270c	0.043	July 20, 2015	August 6, 2015	0243	GP
Dibenzo(a,h)anthracene	mg/kg	ND	EPA 8270c	0.038	July 20, 2015	August 6, 2015	0243	GP
Fluoranthene	mg/kg	0.418	EPA 8270c	0.015	July 20, 2015	August 6, 2015	0243	GP
Fluorene	mg/kg	ND	EPA 8270c	0.022	July 20, 2015	August 6, 2015	0243	GP
Indeno(1,2,3-cd)pyrene	mg/kg	ND	EPA 8270c	0.042	July 20, 2015	August 6, 2015	0243	GP
Naphthalene	mg/kg	ND	EPA 8270c	0.0065	July 20, 2015	August 6, 2015	0243	GP
Phenanthrene	mg/kg	ND	EPA 8270c	0.040	July 20, 2015	August 6, 2015	0243	GP
Pyrene	mg/kg	ND	EPA 8270c	0.013	July 20, 2015	August 6, 2015	0243	GP

ND= Not Detected

Saira Vázquez Báez
Laboratory Operations Director
Licensed Chemist 5471

ESTADO LIBRE ASOCIADO DE PUERTO RICO
Saira Vázquez Báez
Lic. #5471
QUIMICO LICENCIADO
$100
Agosto 12, 2015
A 1542531

CERTIFIED BY PUERTO RICO DEPARTMENT OF HEALTH FOR DRINKING WATER-CERTIFICATION NUMBER PR 00947
NELAC CERTIFIED BY FLORIDA DEPARTMENT OF HEALTH-CERTIFICATION NUMBER E871068
AIHA LAP, LLC ACCREDITED LABORATORY - ID #199763
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REPORT OF ANALYSIS

Certificate Number: CERT - 9690

August 12, 2015

Customer Name:	Aerostar SES	**Custody Number:**	079392
Contact:	Rick Levin	**Sampled Date:**	Wednesday, July 15, 2015
Customer Address:	11181St.Johns Industrial Pkwy.N.	**Sampled Time:**	1615 hrs.
	Jacksonville Florida 32246	**Received Date:**	Thursday, July 16, 2015
Phone/Fax:	904-565-2820	**Received Time:**	1658 hrs.
Contact Email:	rlevin@aerostar.net	**Sample Matrix:**	Solid
Sampled By:	Tim Cullen	**Sample Type:**	Grab
Sample Received By:	C. Lopez	**Temp Rec at Lab:**	4 °C
Sample Delivered By:	E. Ruiz	**Lab. Sample Number:**	AT-15-6895
Project and Sample Description:	Fort Buchanan - Building 517 - Light Pole SS - 018 - 0.5		

Sylvia Vázquez Báez
Lic. #5471
QUÍMICO LICENCIADO

Parameter	Units	Result	Method	Method Detection Limit	Sample Extraction Date	Analysis Date	Analysis Time	Analyst
MtBE	mg/kg	ND	EPA 8260	0.11	July 20, 2015	July 30, 2015	0236	GP
TPH Diesel	mg/kg	358	EPA 8015	110	July 20, 2015	July 31, 2015	0618	LS
TPH Gasoline	mg/kg	ND	EPA 8015	31	July 20, 2015	August 6, 2015	1530	GP
BTEX's	---	---	---	---	---	---	---	---
Benzene	mg/kg	ND	EPA 8260	0.37	July 20, 2015	July 30, 2015	0236	GP
Ethylbenzene	mg/kg	ND	EPA 8260	0.44	July 20, 2015	July 30, 2015	0236	GP
M-P Xylene	mg/kg	ND	EPA 8260	0.48	July 20, 2015	July 30, 2015	0236	GP
O-Xylene	mg/kg	ND	EPA 8260	0.35	July 20, 2015	July 30, 2015	0236	GP
Toluene	mg/kg	ND	EPA 8260	0.39	July 20, 2015	July 30, 2015	0236	GP
PAHs Bundle	---	---	---	---	---	---	---	---
1-Methylnaphthalene	mg/kg	0.336	EPA 8270c	0.013	July 20, 2015	August 5, 2015	2239	GP
2-Methylnaphthalene	mg/kg	0.389	EPA 8270c	0.012	July 20, 2015	August 5, 2015	2239	GP
Acenaphthene	mg/kg	ND	EPA 8270c	0.020	July 20, 2015	August 5, 2015	2239	GP

CERTIFIED BY PUERTO RICO DEPARTMENT OF HEALTH FOR DRINKING WATER-CERTIFICATION NUMBER PR 00947
NELAC CERTIFIED BY FLORIDA DEPARTMENT OF HEALTH-CERTIFICATION NUMBER E871068
AIHA LAP, LLC ACCREDITED LABORATORY - ID #199763
Test results in this report meet NELAC, ISO 17025 and/or AIHA-LAP requirements, as applicable. For Scopes of Accreditation of each refer to www.altolenterprises.com

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REPORT OF ANALYSIS

Certificate Number: CERT - 9690

August 12, 2015

Parameter	Units	Result	Method	Method Detection Limit	Sample Extraction Date	Analysis Date	Analysis Time	Analyst
Acenaphthylene	mg/kg	ND	EPA 8270c	0.017	July 20, 2015	August 5, 2015	2239	GP
Anthracene	mg/kg	ND	EPA 8270c	0.037	July 20, 2015	August 5, 2015	2239	GP
Benzo(a)anthracene	mg/kg	ND	EPA 8270c	0.048	July 20, 2015	August 5, 2015	2239	GP
Benzo(a)pyrene	mg/kg	ND	EPA 8270c	0.025	July 20, 2015	August 5, 2015	2239	GP
Benzo(b)Fluoranthene	mg/kg	ND	EPA 8270c	0.047	July 20, 2015	August 5, 2015	2239	GP
Benzo(g,h,i)perylene	mg/kg	ND	EPA 8270c	0.031	July 20, 2015	August 5, 2015	2239	GP
Benzo(k)Fluoranthene	mg/kg	ND	EPA 8270c	0.053	July 20, 2015	August 5, 2015	2239	GP
Chrysene	mg/kg	ND	EPA 8270c	0.042	July 20, 2015	August 5, 2015	2239	GP
Dibenzo(a,h)anthracene	mg/kg	ND	EPA 8270c	0.037	July 20, 2015	August 5, 2015	2239	GP
Fluoranthene	mg/kg	ND	EPA 8270c	0.015	July 20, 2015	August 5, 2015	2239	GP
Fluorene	mg/kg	ND	EPA 8270c	0.022	July 20, 2015	August 5, 2015	2239	GP
Indeno(1,2,3-cd)pyrene	mg/kg	ND	EPA 8270c	0.041	July 20, 2015	August 5, 2015	2239	GP
Naphthalene	mg/kg	ND	EPA 8270c	0.0063	July 20, 2015	August 5, 2015	2239	GP
Phenanthrene	mg/kg	ND	EPA 8270c	0.039	July 20, 2015	August 5, 2015	2239	GP
Pyrene	mg/kg	ND	EPA 8270c	0.012	July 20, 2015	August 5, 2015	2239	GP

ND= Not Detected

Saira Vázquez Báez
Laboratory Operations Director
Licensed Chemist 5471

ESTADO LIBRE ASOCIADO DE PUERTO RICO
Saira Vázquez Báez
Lic. #5471
CURSO LICENCIADO
Agosto 12-2015
A 1542532

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NELAC CERTIFIED BY FLORIDA DEPARTMENT OF HEALTH-CERTIFICATION NUMBER E871068
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REPORT OF ANALYSIS

Certificate Number: CERT - 9691

August 12, 2015

Customer Name:	Aerostar SES	**Custody Number:**	079392
Contact:	Rick Levin	**Sampled Date:**	Wednesday, July 15, 2015
Customer Address:	11181St.Johns Industrial Pkwy.N.	**Sampled Time:**	1620 hrs.
	Jacksonville Florida 32246	**Received Date:**	Thursday, July 16, 2015
Phone/Fax:	904-565-2820	**Received Time:**	1658 hrs.
Contact Email:	rlevin@aerostar.net	**Sample Matrix:**	Solid
Sampled By:	Tim Cullen	**Sample Type:**	Grab
Sample Received By:	C. Lopez	**Temp Rec at Lab:**	4 °C
Sample Delivered By:	E. Ruiz	**Lab. Sample Number:**	AT-15-6896
Project and Sample Description:	Fort Buchanan - Building 517 - Light Pole SS - 019 - 0.5		

Parameter	Units	Result	Method	Method Detection Limit	Sample Extraction Date	Analysis Date	Analysis Time	Analyst
MtBE	mg/kg	ND	EPA 8260	0.11	July 20, 2015	July 31, 2015	0117	LS
TPH Diesel	mg/kg	152	EPA 8015	5.8	July 20, 2015	July 31, 2015	0644	LS
TPH Gasoline	mg/kg	ND	EPA 8015	30	July 20, 2015	August 6, 2015	0301	GP
BTEX's	---	---	---	---	---	---	---	---
Benzene	mg/kg	ND	EPA 8260	0.36	July 20, 2015	July 31, 2015	0117	GP
Ethylbenzene	mg/kg	ND	EPA 8260	0.43	July 20, 2015	July 31, 2015	0117	GP
M-P Xylene	mg/kg	ND	EPA 8260	0.47	July 20, 2015	July 31, 2015	0117	GP
O-Xylene	mg/kg	ND	EPA 8260	0.34	July 20, 2015	July 31, 2015	0117	GP
Toluene	mg/kg	ND	EPA 8260	0.38	July 20, 2015	July 31, 2015	0117	GP
PAHs Bundle	---	---	---	---	---	---	---	---
1-Methylnaphthalene	mg/kg	ND	EPA 8270c	0.013	July 20, 2015	August 6, 2015	0041	GP
2-Methylnaphthalene	mg/kg	ND	EPA 8270c	0.013	July 20, 2015	August 6, 2015	0041	GP
Acenaphthene	mg/kg	ND	EPA 8270c	0.020	July 20, 2015	August 6, 2015	0041	GP

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REPORT OF ANALYSIS

Certificate Number: CERT - 9691

August 12, 2015

Parameter	Units	Result	Method	Method Detection Limit	Sample Extraction Date	Analysis Date	Analysis Time	Analyst
Acenaphthylene	mg/kg	ND	EPA 8270c	0.017	July 20, 2015	August 6, 2015	0041	GP
Anthracene	mg/kg	ND	EPA 8270c	0.038	July 20, 2015	August 6, 2015	0041	GP
Benzo(a)anthracene	mg/kg	ND	EPA 8270c	0.048	July 20, 2015	August 6, 2015	0041	GP
Benzo(a)pyrene	mg/kg	ND	EPA 8270c	0.025	July 20, 2015	August 6, 2015	0041	GP
Benzo(b)Fluoranthene	mg/kg	ND	EPA 8270c	0.048	July 20, 2015	August 6, 2015	0041	GP
Benzo(g,h,i)perylene	mg/kg	ND	EPA 8270c	0.031	July 20, 2015	August 6, 2015	0041	GP
Benzo(k)Fluoranthene	mg/kg	ND	EPA 8270c	0.053	July 20, 2015	August 6, 2015	0041	GP
Chrysene	mg/kg	ND	EPA 8270c	0.042	July 20, 2015	August 6, 2015	0041	GP
Dibenzo(a,h)anthracene	mg/kg	ND	EPA 8270c	0.037	July 20, 2015	August 6, 2015	0041	GP
Fluoranthene	mg/kg	0.328	EPA 8270c	0.015	July 20, 2015	August 6, 2015	0041	GP
Fluorene	mg/kg	ND	EPA 8270c	0.022	July 20, 2015	August 6, 2015	0041	GP
Indeno(1,2,3-cd)pyrene	mg/kg	ND	EPA 8270c	0.042	July 20, 2015	August 6, 2015	0041	GP
Naphthalene	mg/kg	ND	EPA 8270c	0.0064	July 20, 2015	August 6, 2015	0041	GP
Phenanthrene	mg/kg	ND	EPA 8270c	0.039	July 20, 2015	August 6, 2015	0041	GP
Pyrene	mg/kg	ND	EPA 8270c	0.013	July 20, 2015	August 6, 2015	0041	GP

ND= Not Detected

Saira Vázquez Báez
Lic. 5471
Vázquez Báez
Licenciado
Hasta 12/2015
A 1542533

Saira Vázquez Báez
Laboratory Operations Director
Licensed Chemist 5471

CERTIFIED BY PUERTO RICO DEPARTMENT OF HEALTH FOR DRINKING WATER-CERTIFICATION NUMBER PR 00947
NELAC CERTIFIED BY FLORIDA DEPARTMENT OF HEALTH-CERTIFICATION NUMBER E871068
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REPORT OF ANALYSIS

Certificate Number: CERT - 9692

August 12, 2015

Customer Name:	Aerostar SES	**Custody Number:**	079392
Contact:	Rick Levin	**Sampled Date:**	Wednesday, July 15, 2015
Customer Address:	11181St.Johns Industrial Pkwy.N.	**Sampled Time:**	1625 hrs.
	Jacksonville Florida 32246	**Received Date:**	Thursday, July 16, 2015
Phone/Fax:	904-565-2820	**Received Time:**	1658 hrs.
Contact Email:	rlevin@aerostar.net	**Sample Matrix:**	Solid
Sampled By:	Tim Cullen	**Sample Type:**	Grab
Sample Received By:	C. Lopez	**Temp Rec at Lab:**	4 °C
Sample Delivered By:	E. Ruiz	**Lab. Sample Number:**	AT-15-6897

Project and Sample Description: Fort Buchanan - Building 517 - Light Pole
SS - 020 - 1.0

Parameter	Units	Result	Method	Method Detection Limit	Sample Extraction Date	Analysis Date	Analysis Time	Analyst
MtBE	mg/kg	ND	EPA 8260	0.11	July 20, 2015	July 31, 2015	0148	GP
TPH Diesel	mg/kg	107	EPA 8015	5.8	July 20, 2015	July 31, 2015	0707	LS
TPH Gasoline	mg/kg	ND	EPA 8015	30	July 20, 2015	August 6, 2015	0039	GP
BTEX's	---	---	---	---	---	---	---	---
Benzene	mg/kg	ND	EPA 8260	0.36	July 20, 2015	July 31, 2015	0148	GP
Ethylbenzene	mg/kg	ND	EPA 8260	0.43	July 20, 2015	July 31, 2015	0148	GP
M-P Xylene	mg/kg	ND	EPA 8260	0.47	July 20, 2015	July 31, 2015	0148	GP
O-Xylene	mg/kg	ND	EPA 8260	0.34	July 20, 2015	July 31, 2015	0148	GP
Toluene	mg/kg	ND	EPA 8260	0.38	July 20, 2015	July 31, 2015	0148	GP
PAHs Bundle	---	---	---	---	---	---	---	---
1-Methylnaphthalene	mg/kg	ND	EPA 8270c	0.013	July 20, 2015	August 5, 2015	2209	GP
2-Methylnaphthalene	mg/kg	ND	EPA 8270c	0.013	July 20, 2015	August 5, 2015	2209	GP
Acenaphthene	mg/kg	ND	EPA 8270c	0.020	July 20, 2015	August 5, 2015	2209	GP

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REPORT OF ANALYSIS

Certificate Number: CERT - 9692

August 12, 2015

Parameter	Units	Result	Method	Method Detection Limit	Sample Extraction Date	Analysis Date	Analysis Time	Analyst
Acenaphthylene	mg/kg	ND	EPA 8270c	0.017	July 20, 2015	August 5, 2015	2209	GP
Anthracene	mg/kg	ND	EPA 8270c	0.038	July 20, 2015	August 5, 2015	2209	GP
Benzo(a)anthracene	mg/kg	ND	EPA 8270c	0.048	July 20, 2015	August 5, 2015	2209	GP
Benzo(a)pyrene	mg/kg	ND	EPA 8270c	0.025	July 20, 2015	August 5, 2015	2209	GP
Benzo(b)Fluoranthene	mg/kg	ND	EPA 8270c	0.048	July 20, 2015	August 5, 2015	2209	GP
Benzo(g,h,i)perylene	mg/kg	ND	EPA 8270c	0.031	July 20, 2015	August 5, 2015	2209	GP
Benzo(k)Fluoranthene	mg/kg	ND	EPA 8270c	0.053	July 20, 2015	August 5, 2015	2209	GP
Chrysene	mg/kg	ND	EPA 8270c	0.042	July 20, 2015	August 5, 2015	2209	GP
Dibenzo(a,h)anthracene	mg/kg	ND	EPA 8270c	0.037	July 20, 2015	August 5, 2015	2209	GP
Fluoranthene	mg/kg	ND	EPA 8270c	0.015	July 20, 2015	August 5, 2015	2209	GP
Fluorene	mg/kg	ND	EPA 8270c	0.022	July 20, 2015	August 5, 2015	2209	GP
Indeno(1,2,3-cd)pyrene	mg/kg	ND	EPA 8270c	0.042	July 20, 2015	August 5, 2015	2209	GP
Naphthalene	mg/kg	ND	EPA 8270c	0.0064	July 20, 2015	August 5, 2015	2209	GP
Phenanthrene	mg/kg	ND	EPA 8270c	0.039	July 20, 2015	August 5, 2015	2209	GP
Pyrene	mg/kg	ND	EPA 8270c	0.013	July 20, 2015	August 5, 2015	2209	GP

ND= Not Detected

Saira Vázquez Báez
Lic. #5471
Agosto 12, 2015
A 1542534

Saira Vázquez Báez
Laboratory Operations Director
Licensed Chemist 5471

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PO Box 359 Mercedita, PR 00715
TEL.787-848-6050 FAX: 787-848-6299

IAR International Accreditation Registry

CUSTODY # 079392

Customer Company Name & Address: Aerostar SES LLC, 11181 st. Johns Industrial Pkwy N, Jacksonville, FL 32246

Customer Contact (Print name & sign): Rick Levin, Tim Cullen /

Project Name: Fort Buchanan - Building 517 (Light Pole)

Project Address: Fort Buchanan, Guaynabo, PR

Phone: 904-565-2820

TURN AROUND TIME: Rush ( ) Days (X) Normal | Invoice to sample | Owner | (X) Consultant

ANALYSIS TYPE		SAMPLE TYPE		SAMPLE MATRIX	# CONTAINERS
(X) Chemical	Microbiology	Source Water	Drinking Water	Liquid	Sterile
ENVIRONMENTAL CONDITION		Waste Water	Food	(X) Solid	Plastic
(X) Sunny	Cloudy	Ground Water	Solid Waste	Oil	(4) Glass
Rainy	(X) Windy	(X) Soil	Composite HRS	Sludge	Vials
Fugitive Dust	Other	Seawater	(X) Grab	Other	Other

LAB. SAMPLE # (LAB USE)	DATE	TIME	SAMPLE DESCRIPTION OR SAMPLING POINT NUMBER
✓ A715-6888	7/15/15	1535	SS-011-0.5
✓ A715-6889	7/15/15	1540	SS-012-0.5
✓ A715-6890	7/15/15	1545	SS-013-0.5
✓ A715-6891	7/15/15	1550	SS-014-0.5
✓ A715-6892	7/15/15	1600	SS-015-1.0
✓ A715-6893	7/15/15	1605	SS-016-0.5
✓ A715-6894	7/15/15	1610	SS-017-0.5
✓ A715-6895	7/15/15	1615	SS-018-0.5
✓ A715-6896	7/15/15	1620	SS-019-0.5
✓ A715-6897	7/15/15	1625	SS-020-1.0

METALS	WET CHEMISTRY			CHROMATOGRAPHY
Aluminum (A,C)	Acidity (A)		Phenol (A)	BTEX (A,E)
Antimony (A,C)	Alkalinity (A)		P. Total (A, B)	BTEX (A)
Arsenic (A,C)	Ammonia (A,B)		Res. Chlorine (A)	Chloroform as TTO (A) (E)
Barium (A,C)	Asbestos (A)		Set. Solids mg/L (A)	Dioxin (A)
Berrilium (A,C)	Bicarbonate (A)		Set. Solids ml/L (A)	MIBK(A)
Bismuth (A,C)	BOD-5 (A)		Silica (A)	MTBE(A)
Boron (A,C)	Bromide (A)		Solids Total (A)	PCB'S(A) 8082 608 (A)
Cadmium (A,C)	CaO MgO (1)		Sulfate(A)	Pesticide - TTO (A)
Calcium (A,C)	Carbonate (A)		Sulfide UND (D,H,A)	Phenols by GC (A)
Chromium (A,C)	Chloride (A)		Sulfite (A)	TBA (A)
Chromium VI(A,C)	COD (A,B)		Surfactant (A)	TPH D G O (A)
Cobalt (A,C)	Color ADMI (A)		Suspended Solids (A)	TTO (A,E)
Cooper (A,C)	Color Pt-Co (A)		TDS (A)	TTO Semi-Volatile (A)
Gold (A)	Conductivity (A)		TKN (A,B)	VOC's - TTO (A)
Hardness (A,C)	Cyanide (A,D,G)		TOC (A,B)	MICROBIOLOGY
Iron (A,C)	D.O (A)		Turbidity (A)	Total Coliform (A,F)
Lead (A,C)	Fluoride (A)			Fecal Coliform (A,F)
Lead (A)	Iodide (A)		RCRA	HPC (A,F)
Lithium (A,C)	Iodine (A)		Reactivity (A)	Enterococcus (A,F)
Magnesium (A,C)	MLVSS (A)		Corrosivity (A)	E. Coli 0157 MPN (A,F)
Manganese (A,C)	Moisture (A)		Ignitability (A)	Mold & Yeast (A,F)
Mercury (A,C)	Nitrate & Nitrite (A)		Metals - TCLP (A)	Salmonella (A,F)
Molybdenum (A,C)	Nitrate (A)		Volatile - TCLP (A)	Campylobacter(A,F)
Nickel (A,C)	Nitrite (A)		Semi-Volatile-TCLP (A)	Listeria (A,F)
Potassium (A,C)	O&G Total (A,B)		Pesticide - TCLP (A)	FOOD ANALYSES
Selenium (A,C)	O&G TPH (A,B)		Herbicide - TCLP (A)	% Collagen
Silicon (A,C)	Ortho Phosphate (A,B)		TOX (A)	% FAT
Silver (A,C)				% Protein
Sodium (A,C)	O_2 mg/l			Water Activity - Aw
Strontium (A,C)				
Thallium (A,C)	pH su			
Tin (A,C)				
Titanium (A,C)	Temp °C			
Vanadium (A,C)				
Zinc (A,C)	Cl_2 mg/l			

LEGEND PRESERVATION USED

A	Ice (Cool,4 °C)	E	HCL
B	H_2SO_4	F	Sodium Thiosulfate
C	HNO_3	G	Ascorbic Acid
D	Na OH	H	Zinc Acetate
I	Other:		

Comments & Special Instructions:
Analysis: BTEX/MTBE-8260B/5030, PAHs-8270C SIM/3520C
TPH-DRO--8015C/3520C, TPH-GRO-8015C/5030B

CONDITIONS OF SAMPLES UPON RECEIPT	TEMPERATURE OF SAMPLE	CONDITION SAMPLE	LABORATORY ACTION
	Room Temperature	(✓) Sample Intact	(✓) Sample Accepted
Thermometer Serial # 1108	Frozen	Properly Preserved	Sample Rejected
	RECEIVED AT 4 °C	Sample Compromised	

Sample Collected & Relinquished by (Print name & sign): Tim Cullen /	Date: 7/15/15 Time: —	Received by (Print name & sign):	Date: 7/16/15 Time: 1150	Delivery to Lab. by (Print name & sign):	
Company: Aerostar SES LLC	Collector ID#	Company: RICHEM	Collector ID#	Date: 7/16/15	Time: 1658
Relinquished by (Print name & sign): Tim Cullen /	Date: 7/16/15 Time: 1150	Received by (Print name & sign):	Date: Time:	Received at Lab. by (Print name & sign): Carmen Lopez	
Company: Aerostar SES LLC	Collector ID#	Company:	Collector ID#	Date: 7/16/15	Time: 1658

PROCEDURE NO: ALGAP008

All development of our analysis methods meet government regulatory agencies.

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REPORT OF ANALYSIS

Certificate Number: CERT - 9703

August 12, 2015

Customer Name:	Aerostar SES	**Custody Number:**	079393
Contact:	Rick Levin	**Sampled Date:**	Wednesday, July 15, 2015
Customer Address:	11181St.Johns Industrial Pkwy.N.	**Sampled Time:**	1630 hrs.
	Jacksonville Florida 32246	**Received Date:**	Thursday, July 16, 2015
Phone/Fax:	904-565-2820	**Received Time:**	1658 hrs.
Contact Email:	rlevin@aerostar.net	**Sample Matrix:**	Solid
Sampled By:	Tim Cullen	**Sample Type:**	Grab
Sample Received By:	C. Lopez	**Temp Rec at Lab:**	4 °C
Sample Delivered By:	E. Ruiz	**Lab. Sample Number:**	AT-15-6898

Project and Sample Description: Fort Buchanan - Building 517 - Light Pole
SS - 021- 0.5

Parameter	Units	Result	Method	Method Detection Limit	Sample Extraction Date	Analysis Date	Analysis Time	Analyst
MtBE	mg/kg	ND	EPA 8260	0.11	July 20, 2015	July 30, 2015	1929	GP
TPH Diesel	mg/kg	102	EPA 8015	5.8	July 20, 2015	July 31, 2015	0734	LS
TPH Gasoline	mg/kg	ND	EPA 8015	31	July 20, 2015	August 6, 2015	0010	GP
BTEX's	---	---	---	---	---	---	---	---
Benzene	mg/kg	ND	EPA 8260	0.37	July 20, 2015	July 30, 2015	1929	GP
Ethylbenzene	mg/kg	ND	EPA 8260	0.44	July 20, 2015	July 30, 2015	1929	GP
M-P Xylene	mg/kg	ND	EPA 8260	0.48	July 20, 2015	July 30, 2015	1929	GP
O-Xylene	mg/kg	ND	EPA 8260	0.35	July 20, 2015	July 30, 2015	1929	GP
Toluene	mg/kg	ND	EPA 8260	0.38	July 20, 2015	July 30, 2015	1929	GP
PAHs Bundle	---	---	---	---	---	---	---	---
1-Methylnaphthalene	mg/kg	ND	EPA 8270c	0.013	July 20, 2015	August 5, 2015	2340	GP
2-Methylnaphthalene	mg/kg	ND	EPA 8270c	0.013	July 20, 2015	August 5, 2015	2340	GP
Acenaphthene	mg/kg	ND	EPA 8270c	0.020	July 20, 2015	August 5, 2015	2340	GP

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NELAC CERTIFIED BY FLORIDA DEPARTMENT OF HEALTH-CERTIFICATION NUMBER E871068
AIHA LAP, LLC ACCREDITED LABORATORY - ID #199763
Test results in this report meet NELAC, ISO 17025 and/or AIHA-LAP requirements, as applicable. For Scopes of Accreditation of each refer to www.altolenterprises.com

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REPORT OF ANALYSIS

Certificate Number: CERT - 9703

August 12, 2015

Parameter	Units	Result	Method	Method Detection Limit	Sample Extraction Date	Analysis Date	Analysis Time	Analyst
Acenaphthylene	mg/kg	ND	EPA 8270c	0.017	July 20, 2015	August 5, 2015	2340	GP
Anthracene	mg/kg	ND	EPA 8270c	0.038	July 20, 2015	August 5, 2015	2340	GP
Benzo(a)anthracene	mg/kg	ND	EPA 8270c	0.048	July 20, 2015	August 5, 2015	2340	GP
Benzo(a)pyrene	mg/kg	ND	EPA 8270c	0.025	July 20, 2015	August 5, 2015	2340	GP
Benzo(b)Fluoranthene	mg/kg	ND	EPA 8270c	0.048	July 20, 2015	August 5, 2015	2340	GP
Benzo(g,h,i)perylene	mg/kg	ND	EPA 8270c	0.031	July 20, 2015	August 5, 2015	2340	GP
Benzo(k)Fluoranthene	mg/kg	ND	EPA 8270c	0.053	July 20, 2015	August 5, 2015	2340	GP
Chrysene	mg/kg	ND	EPA 8270c	0.043	July 20, 2015	August 5, 2015	2340	GP
Dibenzo(a,h)anthracene	mg/kg	ND	EPA 8270c	0.037	July 20, 2015	August 5, 2015	2340	GP
Fluoranthene	mg/kg	ND	EPA 8270c	0.015	July 20, 2015	August 5, 2015	2340	GP
Fluorene	mg/kg	ND	EPA 8270c	0.022	July 20, 2015	August 5, 2015	2340	GP
Indeno(1,2,3-cd)pyrene	mg/kg	ND	EPA 8270c	0.042	July 20, 2015	August 5, 2015	2340	GP
Naphthalene	mg/kg	ND	EPA 8270c	0.0064	July 20, 2015	August 5, 2015	2340	GP
Phenanthrene	mg/kg	ND	EPA 8270c	0.040	July 20, 2015	August 5, 2015	2340	GP
Pyrene	mg/kg	ND	EPA 8270c	0.013	July 20, 2015	August 5, 2015	2340	GP

ND= Not Detected

Saira Vázquez Báez
Lic. #5471
Agosto 12, 2015
A 1542515

Saira Vázquez Báez
Laboratory Operations Director
Licensed Chemist 5471

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NELAC CERTIFIED BY FLORIDA DEPARTMENT OF HEALTH-CERTIFICATION NUMBER E871068
AIHA LAP, LLC ACCREDITED LABORATORY - ID #199763
Test results in this report meet NELAC, ISO 17025 and/or AIHA-LAP requirements, as applicable. For Scopes of Accreditation of each refer to www.altolenterprises.com

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REPORT OF ANALYSIS

Certificate Number: CERT - 9704

August 12, 2015

Customer Name:	Aerostar SES	**Custody Number:**	079393
Contact:	Rick Levin	**Sampled Date:**	Wednesday, July 15, 2015
Customer Address:	11181St.Johns Industrial Pkwy.N.	**Sampled Time:**	1635 hrs.
	Jacksonville Florida 32246	**Received Date:**	Thursday, July 16, 2015
Phone/Fax:	904-565-2820	**Received Time:**	1658 hrs.
Contact Email:	rlevin@aerostar.net	**Sample Matrix:**	Solid
Sampled By:	Tim Cullen	**Sample Type:**	Grab
Sample Received By:	C. Lopez	**Temp Rec at Lab:**	4 °C
Sample Delivered By:	E. Ruiz	**Lab. Sample Number:**	AT-15-6899

Project and Sample Description: Fort Buchanan - Building 517 - Light Pole
SS - 022 - 0.5

Parameter	Units	Result	Method	Method Detection Limit	Sample Extraction Date	Analysis Date	Analysis Time	Analyst
MtBE	mg/kg	ND	EPA 8260	0.12	July 20, 2015	July 30, 2015	2136	GP
TPH Diesel	mg/kg	44.3	EPA 8015	5.8	July 20, 2015	July 31, 2015	0801	LS
TPH Gasoline	mg/kg	ND	EPA 8015	32	July 20, 2015	August 5, 2015	2051	GP
BTEX's	---	---	---	---	---	---	---	---
Benzene	mg/kg	ND	EPA 8260	0.38	July 20, 2015	July 30, 2015	2136	GP
Ethylbenzene	mg/kg	ND	EPA 8260	0.46	July 20, 2015	July 30, 2015	2136	GP
M-P Xylene	mg/kg	ND	EPA 8260	0.50	July 20, 2015	July 30, 2015	2136	GP
O-Xylene	mg/kg	ND	EPA 8260	0.36	July 20, 2015	July 30, 2015	2136	GP
Toluene	mg/kg	ND	EPA 8260	0.40	July 20, 2015	July 30, 2015	2136	GP
PAHs Bundle	---	---	---	---	---	---	---	---
1-Methylnaphthalene	mg/kg	ND	EPA 8270c	0.013	July 20, 2015	August 6, 2015	0010	GP
2-Methylnaphthalene	mg/kg	ND	EPA 8270c	0.013	July 20, 2015	August 6, 2015	0010	GP
Acenaphthene	mg/kg	ND	EPA 8270c	0.020	July 20, 2015	August 6, 2015	0010	GP

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NELAC CERTIFIED BY FLORIDA DEPARTMENT OF HEALTH-CERTIFICATION NUMBER E871068
AIHA LAP, LLC ACCREDITED LABORATORY - ID #199763
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REPORT OF ANALYSIS

Certificate Number: CERT - 9704

August 12, 2015

Parameter	Units	Result	Method	Method Detection Limit	Sample Extraction Date	Analysis Date	Analysis Time	Analyst
Acenaphthylene	mg/kg	ND	EPA 8270c	0.017	July 20, 2015	August 6, 2015	0010	GP
Anthracene	mg/kg	ND	EPA 8270c	0.038	July 20, 2015	August 6, 2015	0010	GP
Benzo(a)anthracene	mg/kg	ND	EPA 8270c	0.049	July 20, 2015	August 6, 2015	0010	GP
Benzo(a)pyrene	mg/kg	ND	EPA 8270c	0.025	July 20, 2015	August 6, 2015	0010	GP
Benzo(b)Fluoranthene	mg/kg	ND	EPA 8270c	0.048	July 20, 2015	August 6, 2015	0010	GP
Benzo(g,h,i)perylene	mg/kg	ND	EPA 8270c	0.031	July 20, 2015	August 6, 2015	0010	GP
Benzo(k)Fluoranthene	mg/kg	ND	EPA 8270c	0.053	July 20, 2015	August 6, 2015	0010	GP
Chrysene	mg/kg	ND	EPA 8270c	0.043	July 20, 2015	August 6, 2015	0010	GP
Dibenzo(a,h)anthracene	mg/kg	ND	EPA 8270c	0.037	July 20, 2015	August 6, 2015	0010	GP
Fluoranthene	mg/kg	ND	EPA 8270c	0.015	July 20, 2015	August 6, 2015	0010	GP
Fluorene	mg/kg	ND	EPA 8270c	0.022	July 20, 2015	August 6, 2015	0010	GP
Indeno(1,2,3-cd)pyrene	mg/kg	ND	EPA 8270c	0.042	July 20, 2015	August 6, 2015	0010	GP
Naphthalene	mg/kg	ND	EPA 8270c	0.0064	July 20, 2015	August 6, 2015	0010	GP
Phenanthrene	mg/kg	ND	EPA 8270c	0.040	July 20, 2015	August 6, 2015	0010	GP
Pyrene	mg/kg	ND	EPA 8270c	0.013	July 20, 2015	August 6, 2015	0010	GP

ND= Not Detected

Saira Vázquez Báez
Lic. 5471
Agosto 12, 2015
A 1542524

Saira Vázquez Báez
Laboratory Operations Director
Licensed Chemist 5471

CERTIFIED BY PUERTO RICO DEPARTMENT OF HEALTH FOR DRINKING WATER-CERTIFICATION NUMBER PR 00947
NELAC CERTIFIED BY FLORIDA DEPARTMENT OF HEALTH-CERTIFICATION NUMBER E871068
AIHA LAP, LLC ACCREDITED LABORATORY - ID #199763
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REPORT OF ANALYSIS

Certificate Number: CERT - 9705

August 12, 2015

Customer Name:	Aerostar SES	**Custody Number:**	079393
Contact:	Rick Levin	**Sampled Date:**	Wednesday, July 15, 2015
Customer Address:	11181St.Johns Industrial Pkwy.N.	**Sampled Time:**	1640 hrs.
	Jacksonville Florida 32246	**Received Date:**	Thursday, July 16, 2015
Phone/Fax:	904-565-2820	**Received Time:**	1658 hrs.
Contact Email:	rlevin@aerostar.net	**Sample Matrix:**	Solid
Sampled By:	Tim Cullen	**Sample Type:**	Grab
Sample Received By:	C. Lopez	**Temp Rec at Lab:**	4 °C
Sample Delivered By:	E. Ruiz	**Lab. Sample Number:**	AT-15-6900

Project and Sample Description: Fort Buchanan - Building 517 - Light Pole
SS - 023 - 0.5

Parameter	Units	Result	Method	Method Detection Limit	Sample Extraction Date	Analysis Date	Analysis Time	Analyst
MtBE	mg/kg	ND	EPA 8260	0.12	July 20, 2015	July 30, 2015	2207	GP
TPH Diesel	mg/kg	790.5	EPA 8015	29	July 20, 2015	July 31, 2015	0834	LS
TPH Gasoline	mg/kg	ND	EPA 8015	33	July 20, 2015	August 6, 2015	0136	GP
BTEX's	---	---	---	---	---	---	---	---
Benzene	mg/kg	ND	EPA 8260	0.39	July 20, 2015	July 30, 2015	2207	GP
Ethylbenzene	mg/kg	ND	EPA 8260	0.47	July 20, 2015	July 30, 2015	2207	GP
M-P Xylene	mg/kg	ND	EPA 8260	0.51	July 20, 2015	July 30, 2015	2207	GP
O-Xylene	mg/kg	ND	EPA 8260	0.37	July 20, 2015	July 30, 2015	2207	GP
Toluene	mg/kg	ND	EPA 8260	0.41	July 20, 2015	July 30, 2015	2207	GP
PAHs Bundle	---	---	---	---	---	---	---	---
1-Methylnaphthalene	mg/kg	ND	EPA 8270c	0.013	July 20, 2015	August 5, 2015	1854	GP
2-Methylnaphthalene	mg/kg	0.272	EPA 8270c	0.013	July 20, 2015	August 5, 2015	1854	GP
Acenaphthene	mg/kg	ND	EPA 8270c	0.020	July 20, 2015	August 5, 2015	1854	GP

Sara Vázquez Báez
Lic. #0471
QUIMICO LICENCIADO

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NELAC CERTIFIED BY FLORIDA DEPARTMENT OF HEALTH-CERTIFICATION NUMBER E871068
AIHA LAP, LLC ACCREDITED LABORATORY - ID #199763
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REPORT OF ANALYSIS

Certificate Number: CERT - 9705

August 12, 2015

Parameter	Units	Result	Method	Method Detection Limit	Sample Extraction Date	Analysis Date	Analysis Time	Analyst
Acenaphthylene	mg/kg	ND	EPA 8270c	0.017	July 20, 2015	August 5, 2015	1854	GP
Anthracene	mg/kg	ND	EPA 8270c	0.038	July 20, 2015	August 5, 2015	1854	GP
Benzo(a)anthracene	mg/kg	ND	EPA 8270c	0.049	July 20, 2015	August 5, 2015	1854	GP
Benzo(a)pyrene	mg/kg	ND	EPA 8270c	0.025	July 20, 2015	August 5, 2015	1854	GP
Benzo(b)Fluoranthene	mg/kg	ND	EPA 8270c	0.048	July 20, 2015	August 5, 2015	1854	GP
Benzo(g,h,i)perylene	mg/kg	ND	EPA 8270c	0.031	July 20, 2015	August 5, 2015	1854	GP
Benzo(k)Fluoranthene	mg/kg	ND	EPA 8270c	0.054	July 20, 2015	August 5, 2015	1854	GP
Chrysene	mg/kg	ND	EPA 8270c	0.043	July 20, 2015	August 5, 2015	1854	GP
Dibenzo(a,h)anthracene	mg/kg	ND	EPA 8270c	0.038	July 20, 2015	August 5, 2015	1854	GP
Fluoranthene	mg/kg	ND	EPA 8270c	0.015	July 20, 2015	August 5, 2015	1854	GP
Fluorene	mg/kg	ND	EPA 8270c	0.022	July 20, 2015	August 5, 2015	1854	GP
Indeno(1,2,3-cd)pyrene	mg/kg	ND	EPA 8270c	0.042	July 20, 2015	August 5, 2015	1854	GP
Naphthalene	mg/kg	ND	EPA 8270c	0.0064	July 20, 2015	August 5, 2015	1854	GP
Phenanthrene	mg/kg	ND	EPA 8270c	0.040	July 20, 2015	August 5, 2015	1854	GP
Pyrene	mg/kg	ND	EPA 8270c	0.013	July 20, 2015	August 5, 2015	1854	GP

ND= Not Detected

Saira Vázquez Báez
Lic. #5471
A 1542516
Agosto 12, 2015

Saira Vázquez Báez
Laboratory Operations Director
Licensed Chemist 5471

CERTIFIED BY PUERTO RICO DEPARTMENT OF HEALTH FOR DRINKING WATER-CERTIFICATION NUMBER PR 00947
NELAC CERTIFIED BY FLORIDA DEPARTMENT OF HEALTH-CERTIFICATION NUMBER E871068
AIHA LAP, LLC ACCREDITED LABORATORY - ID #199763
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REPORT OF ANALYSIS

Certificate Number: CERT - 9706

August 12, 2015

Customer Name:	Aerostar SES	**Custody Number:**	079393
Contact:	Rick Levin	**Sampled Date:**	Wednesday, July 15, 2015
Customer Address:	11181St.Johns Industrial Pkwy.N.	**Sampled Time:**	1645 hrs.
	Jacksonville Florida 32246	**Received Date:**	Thursday, July 16, 2015
Phone/Fax:	904-565-2820	**Received Time:**	1658 hrs.
Contact Email:	rlevin@aerostar.net	**Sample Matrix:**	Solid
Sampled By:	Tim Cullen	**Sample Type:**	Grab
Sample Received By:	C. Lopez	**Temp Rec at Lab:**	4 °C
Sample Delivered By:	E. Ruiz	**Lab. Sample Number:**	AT-15-6901
Project and Sample Description:	Fort Buchanan - Building 517 - Light Pole SS - 024 - 0.5		

Parameter	Units	Result	Method	Method Detection Limit	Sample Extraction Date	Analysis Date	Analysis Time	Analyst
MtBE	mg/kg	ND	EPA 8260	0.12	July 20, 2015	July 30, 2015	2239	GP
TPH Diesel	mg/kg	854	EPA 8015	29	July 20, 2015	July 31, 2015	0928	LS
TPH Gasoline	mg/kg	ND	EPA 8015	32	July 20, 2015	August 6, 2015	0107	GP
BTEX's	---	---	---	---	---	---	---	---
Benzene	mg/kg	ND	EPA 8260	0.38	July 20, 2015	July 30, 2015	2239	GP
Ethylbenzene	mg/kg	ND	EPA 8260	0.46	July 20, 2015	July 30, 2015	2239	GP
M-P Xylene	mg/kg	ND	EPA 8260	0.50	July 20, 2015	July 30, 2015	2239	GP
O-Xylene	mg/kg	ND	EPA 8260	0.36	July 20, 2015	July 30, 2015	2239	GP
Toluene	mg/kg	ND	EPA 8260	0.40	July 20, 2015	July 30, 2015	2239	GP
PAHs Bundle	---	---	---	---	---	---	---	---
1-Methylnaphthalene	mg/kg	ND	EPA 8270c	0.013	July 20, 2015	August 5, 2015	1624	GP
2-Methylnaphthalene	mg/kg	ND	EPA 8270c	0.012	July 20, 2015	August 5, 2015	1624	GP
Acenaphthene	mg/kg	ND	EPA 8270c	0.020	July 20, 2015	August 5, 2015	1624	GP

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NELAC CERTIFIED BY FLORIDA DEPARTMENT OF HEALTH-CERTIFICATION NUMBER E871068
AIHA LAP, LLC ACCREDITED LABORATORY - ID #199763
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REPORT OF ANALYSIS

Certificate Number: CERT - 9706

August 12, 2015

Parameter	Units	Result	Method	Method Detection Limit	Sample Extraction Date	Analysis Date	Analysis Time	Analyst
Acenaphthylene	mg/kg	ND	EPA 8270c	0.017	July 20, 2015	August 5, 2015	1624	GP
Anthracene	mg/kg	ND	EPA 8270c	0.038	July 20, 2015	August 5, 2015	1624	GP
Benzo(a)anthracene	mg/kg	ND	EPA 8270c	0.048	July 20, 2015	August 5, 2015	1624	GP
Benzo(a)pyrene	mg/kg	ND	EPA 8270c	0.025	July 20, 2015	August 5, 2015	1624	GP
Benzo(b)Fluoranthene	mg/kg	ND	EPA 8270c	0.048	July 20, 2015	August 5, 2015	1624	GP
Benzo(g,h,i)perylene	mg/kg	ND	EPA 8270c	0.031	July 20, 2015	August 5, 2015	1624	GP
Benzo(k)Fluoranthene	mg/kg	ND	EPA 8270c	0.053	July 20, 2015	August 5, 2015	1624	GP
Chrysene	mg/kg	ND	EPA 8270c	0.042	July 20, 2015	August 5, 2015	1624	GP
Dibenzo(a,h)anthracene	mg/kg	ND	EPA 8270c	0.037	July 20, 2015	August 5, 2015	1624	GP
Fluoranthene	mg/kg	ND	EPA 8270c	0.015	July 20, 2015	August 5, 2015	1624	GP
Fluorene	mg/kg	ND	EPA 8270c	0.022	July 20, 2015	August 5, 2015	1624	GP
Indeno(1,2,3-cd)pyrene	mg/kg	ND	EPA 8270c	0.042	July 20, 2015	August 5, 2015	1624	GP
Naphthalene	mg/kg	ND	EPA 8270c	0.0063	July 20, 2015	August 5, 2015	1624	GP
Phenanthrene	mg/kg	ND	EPA 8270c	0.039	July 20, 2015	August 5, 2015	1624	GP
Pyrene	mg/kg	ND	EPA 8270c	0.012	July 20, 2015	August 5, 2015	1624	GP

ND= Not Detected

Saira Vázquez Báez
Lic. #5471
Agosto 12, 2015
A 1542517

Saira Vázquez Báez
Laboratory Operations Director
Licensed Chemist 5471

CERTIFIED BY PUERTO RICO DEPARTMENT OF HEALTH FOR DRINKING WATER-CERTIFICATION NUMBER PR 00947
NELAC CERTIFIED BY FLORIDA DEPARTMENT OF HEALTH-CERTIFICATION NUMBER E871068
AIHA LAP, LLC ACCREDITED LABORATORY - ID #199763
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REPORT OF ANALYSIS

Certificate Number: CERT - 9707

August 12, 2015

Customer Name:	Aerostar SES	**Custody Number:**	079393
Contact:	Rick Levin	**Sampled Date:**	Wednesday, July 15, 2015
Customer Address:	11181St.Johns Industrial Pkwy.N.	**Sampled Time:**	1650 hrs.
	Jacksonville Florida 32246	**Received Date:**	Thursday, July 16, 2015
Phone/Fax:	904-565-2820	**Received Time:**	1658 hrs.
Contact Email:	rlevin@aerostar.net	**Sample Matrix:**	Solid
Sampled By:	Tim Cullen	**Sample Type:**	Grab
Sample Received By:	C. Lopez	**Temp Rec at Lab:**	4 °C
Sample Delivered By:	E. Ruiz	**Lab. Sample Number:**	AT-15-6902

Project and Sample Description: Fort Buchanan - Building 517 - Light Pole
SS - 025 - 1.0

Parameter	Units	Result	Method	Method Detection Limit	Sample Extraction Date	Analysis Date	Analysis Time	Analyst
MtBE	mg/kg	ND	EPA 8260	0.12	July 20, 2015	July 30, 2015	2310	GP
TPH Diesel	mg/kg	68.2	EPA 8015	5.9	July 20, 2015	July 31, 2015	1139	LS
TPH Gasoline	mg/kg	ND	EPA 8015	33	July 20, 2015	August 6, 2015	0524	GP
BTEX's	---	---	---	---	---	---	---	---
Benzene	mg/kg	ND	EPA 8260	0.39	July 20, 2015	July 30, 2015	2310	GP
Ethylbenzene	mg/kg	ND	EPA 8260	0.47	July 20, 2015	July 30, 2015	2310	GP
M-P Xylene	mg/kg	ND	EPA 8260	0.51	July 20, 2015	July 30, 2015	2310	GP
O-Xylene	mg/kg	ND	EPA 8260	0.37	July 20, 2015	July 30, 2015	2310	GP
Toluene	mg/kg	ND	EPA 8260	0.41	July 20, 2015	July 30, 2015	2310	GP
PAHs Bundle	---	---	---	---	---	---	---	---
1-Methylnaphthalene	mg/kg	ND	EPA 8270c	0.013	July 20, 2015	August 5, 2015	1824	GP
2-Methylnaphthalene	mg/kg	ND	EPA 8270c	0.013	July 20, 2015	August 5, 2015	1824	GP
Acenaphthene	mg/kg	ND	EPA 8270c	0.020	July 20, 2015	August 5, 2015	1824	GP

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NELAC CERTIFIED BY FLORIDA DEPARTMENT OF HEALTH-CERTIFICATION NUMBER E871068
AIHA LAP, LLC ACCREDITED LABORATORY - ID #199763
Test results in this report meet NELAC, ISO 17025 and/or AIHA-LAP requirements, as applicable. For Scopes of Accreditation of each refer to www.altolenterprises.com

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REPORT OF ANALYSIS

Certificate Number: CERT - 9707

August 12, 2015

Parameter	Units	Result	Method	Method Detection Limit	Sample Extraction Date	Analysis Date	Analysis Time	Analyst
Acenaphthylene	mg/kg	ND	EPA 8270c	0.017	July 20, 2015	August 5, 2015	1824	GP
Anthracene	mg/kg	ND	EPA 8270c	0.038	July 20, 2015	August 5, 2015	1824	GP
Benzo(a)anthracene	mg/kg	ND	EPA 8270c	0.049	July 20, 2015	August 5, 2015	1824	GP
Benzo(a)pyrene	mg/kg	ND	EPA 8270c	0.025	July 20, 2015	August 5, 2015	1824	GP
Benzo(b)Fluoranthene	mg/kg	ND	EPA 8270c	0.048	July 20, 2015	August 5, 2015	1824	GP
Benzo(g,h,i)perylene	mg/kg	ND	EPA 8270c	0.031	July 20, 2015	August 5, 2015	1824	GP
Benzo(k)Fluoranthene	mg/kg	ND	EPA 8270c	0.054	July 20, 2015	August 5, 2015	1824	GP
Chrysene	mg/kg	ND	EPA 8270c	0.043	July 20, 2015	August 5, 2015	1824	GP
Dibenzo(a,h)anthracene	mg/kg	ND	EPA 8270c	0.038	July 20, 2015	August 5, 2015	1824	GP
Fluoranthene	mg/kg	ND	EPA 8270c	0.015	July 20, 2015	August 5, 2015	1824	GP
Fluorene	mg/kg	ND	EPA 8270c	0.022	July 20, 2015	August 5, 2015	1824	GP
Indeno(1,2,3-cd)pyrene	mg/kg	ND	EPA 8270c	0.042	July 20, 2015	August 5, 2015	1824	GP
Naphthalene	mg/kg	ND	EPA 8270c	0.0064	July 20, 2015	August 5, 2015	1824	GP
Phenanthrene	mg/kg	ND	EPA 8270c	0.040	July 20, 2015	August 5, 2015	1824	GP
Pyrene	mg/kg	ND	EPA 8270c	0.013	July 20, 2015	August 5, 2015	1824	GP

ND= Not Detected

Saira Vázquez Báez
Lic. 5471
Agosto 12, 2015
A 1542518

Saira Vázquez Báez
Laboratory Operations Director
Licensed Chemist 5471

CERTIFIED BY PUERTO RICO DEPARTMENT OF HEALTH FOR DRINKING WATER-CERTIFICATION NUMBER PR 00947
NELAC CERTIFIED BY FLORIDA DEPARTMENT OF HEALTH-CERTIFICATION NUMBER E871068
AIHA LAP, LLC ACCREDITED LABORATORY - ID #199763
Test results in this report meet NELAC, ISO 17025 and/or AIHA-LAP requirements, as applicable. For Scopes of Accreditation of each refer to www.altolenterprises.com

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REPORT OF ANALYSIS

Certificate Number: CERT - 9708

August 12, 2015

Customer Name:	Aerostar SES	**Custody Number:**	079393
Contact:	Rick Levin	**Sampled Date:**	Wednesday, July 15, 2015
Customer Address:	11181St.Johns Industrial Pkwy.N.	**Sampled Time:**	N/A
	Jacksonville Florida 32246	**Received Date:**	Thursday, July 16, 2015
Phone/Fax:	904-565-2820	**Received Time:**	1658 hrs.
Contact Email:	rlevin@aerostar.net	**Sample Matrix:**	Solid
Sampled By:	Tim Cullen	**Sample Type:**	Grab
Sample Received By:	C. Lopez	**Temp Rec at Lab:**	4 °C
Sample Delivered By:	E. Ruiz	**Lab. Sample Number:**	AT-15-6903
Project and Sample Description:	Fort Buchanan - Building 517 - Light Pole Dup. 001		

Parameter	Units	Result	Method	Method Detection Limit	Sample Extraction Date	Analysis Date	Analysis Time	Analyst
MtBE	mg/kg	ND	EPA 8260	0.11	July 20, 2015	July 30, 2015	2342	GP
TPH Diesel	mg/kg	208	EPA 8015	5.8	July 20, 2015	July 31, 2015	1206	LS
TPH Gasoline	mg/kg	ND	EPA 8015	31	July 20, 2015	August 6, 2015	0455	GP
BTEX's	---	---	---	---	---	---	---	---
Benzene	mg/kg	ND	EPA 8260	0.37	July 20, 2015	July 30, 2015	2342	GP
Ethylbenzene	mg/kg	ND	EPA 8260	0.44	July 20, 2015	July 30, 2015	2342	GP
M-P Xylene	mg/kg	ND	EPA 8260	0.48	July 20, 2015	July 30, 2015	2342	GP
O-Xylene	mg/kg	ND	EPA 8260	0.35	July 20, 2015	July 30, 2015	2342	GP
Toluene	mg/kg	ND	EPA 8260	0.39	July 20, 2015	July 30, 2015	2342	GP
PAHs Bundle	---	---	---	---	---	---	---	---
1-Methylnaphthalene	mg/kg	ND	EPA 8270c	0.013	July 20, 2015	August 6, 2015	0111	GP
2-Methylnaphthalene	mg/kg	ND	EPA 8270c	0.012	July 20, 2015	August 6, 2015	0111	GP
Acenaphthene	mg/kg	ND	EPA 8270c	0.020	July 20, 2015	August 6, 2015	0111	GP

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NELAC CERTIFIED BY FLORIDA DEPARTMENT OF HEALTH-CERTIFICATION NUMBER E871068
AIHA LAP, LLC ACCREDITED LABORATORY - ID #199763
Test results in this report meet NELAC, ISO 17025 and/or AIHA-LAP requirements, as applicable. For Scopes of Accreditation of each refer to www.altolenterprises.com

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REPORT OF ANALYSIS

Certificate Number: CERT - 9708

August 12, 2015

Parameter	Units	Result	Method	Method Detection Limit	Sample Extraction Date	Analysis Date	Analysis Time	Analyst
Acenaphthylene	mg/kg	ND	EPA 8270c	0.017	July 20, 2015	August 6, 2015	0111	GP
Anthracene	mg/kg	ND	EPA 8270c	0.037	July 20, 2015	August 6, 2015	0111	GP
Benzo(a)anthracene	mg/kg	ND	EPA 8270c	0.048	July 20, 2015	August 6, 2015	0111	GP
Benzo(a)pyrene	mg/kg	ND	EPA 8270c	0.025	July 20, 2015	August 6, 2015	0111	GP
Benzo(b)Fluoranthene	mg/kg	ND	EPA 8270c	0.047	July 20, 2015	August 6, 2015	0111	GP
Benzo(g,h,i)perylene	mg/kg	ND	EPA 8270c	0.031	July 20, 2015	August 6, 2015	0111	GP
Benzo(k)Fluoranthene	mg/kg	ND	EPA 8270c	0.053	July 20, 2015	August 6, 2015	0111	GP
Chrysene	mg/kg	ND	EPA 8270c	0.042	July 20, 2015	August 6, 2015	0111	GP
Dibenzo(a,h)anthracene	mg/kg	ND	EPA 8270c	0.037	July 20, 2015	August 6, 2015	0111	GP
Fluoranthene	mg/kg	ND	EPA 8270c	0.015	July 20, 2015	August 6, 2015	0111	GP
Fluorene	mg/kg	ND	EPA 8270c	0.022	July 20, 2015	August 6, 2015	0111	GP
Indeno(1,2,3-cd)pyrene	mg/kg	ND	EPA 8270c	0.041	July 20, 2015	August 6, 2015	0111	GP
Naphthalene	mg/kg	ND	EPA 8270c	0.0063	July 20, 2015	August 6, 2015	0111	GP
Phenanthrene	mg/kg	ND	EPA 8270c	0.039	July 20, 2015	August 6, 2015	0111	GP
Pyrene	mg/kg	ND	EPA 8270c	0.012	July 20, 2015	August 6, 2015	0111	GP

ND= Not Detected

Saira Vázquez Báez
Laboratory Operations Director
Licensed Chemist 5471

Saira Vázquez Báez
Lic. #5471
Agosto 12, 2018
A 1542519

CERTIFIED BY PUERTO RICO DEPARTMENT OF HEALTH FOR DRINKING WATER-CERTIFICATION NUMBER PR 00947
NELAC CERTIFIED BY FLORIDA DEPARTMENT OF HEALTH-CERTIFICATION NUMBER E871068
AIHA LAP, LLC ACCREDITED LABORATORY - ID #199763
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REPORT OF ANALYSIS

Certificate Number: CERT - 9709

August 12, 2015

Customer Name:	Aerostar SES	**Custody Number:**	079393
Contact:	Rick Levin	**Sampled Date:**	Wednesday, July 15, 2015
Customer Address:	11181St.Johns Industrial Pkwy.N.	**Sampled Time:**	N/A
	Jacksonville Florida 32246	**Received Date:**	Thursday, July 16, 2015
Phone/Fax:	904-565-2820	**Received Time:**	1658 hrs.
Contact Email:	rlevin@aerostar.net	**Sample Matrix:**	Solid
Sampled By:	Tim Cullen	**Sample Type:**	Grab
Sample Received By:	C. Lopez	**Temp Rec at Lab:**	4 °C
Sample Delivered By:	E. Ruiz	**Lab. Sample Number:**	AT-15-6904
Project and Sample Description:	Fort Buchanan - Building 517 - Light Pole Dup. 002		

Parameter	Units	Result	Method	Method Detection Limit	Sample Extraction Date	Analysis Date	Analysis Time	Analyst
MtBE	mg/kg	ND	EPA 8260	0.12	July 20, 2015	July 31, 2015	0013	GP
TPH Diesel	mg/kg	78.0	EPA 8015	5.7	July 20, 2015	July 31, 2015	1233	LS
TPH Gasoline	mg/kg	ND	EPA 8015	33	July 20, 2015	August 6, 2015	0552	GP
BTEX's	---	---	---	---	---	---	---	---
Benzene	mg/kg	ND	EPA 8260	0.39	July 20, 2015	July 31, 2015	0013	GP
Ethylbenzene	mg/kg	ND	EPA 8260	0.47	July 20, 2015	July 31, 2015	0013	GP
M-P Xylene	mg/kg	ND	EPA 8260	0.51	July 20, 2015	July 31, 2015	0013	GP
O-Xylene	mg/kg	ND	EPA 8260	0.37	July 20, 2015	July 31, 2015	0013	GP
Toluene	mg/kg	ND	EPA 8260	0.41	July 20, 2015	July 31, 2015	0013	GP
PAHs Bundle	---	---	---	---	---	---	---	---
1-Methylnaphthalene	mg/kg	ND	EPA 8270c	0.013	July 20, 2015	August 6, 2015	0142	GP
2-Methylnaphthalene	mg/kg	ND	EPA 8270c	0.012	July 20, 2015	August 6, 2015	0142	GP
Acenaphthene	mg/kg	ND	EPA 8270c	0.020	July 20, 2015	August 6, 2015	0142	GP

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NELAC CERTIFIED BY FLORIDA DEPARTMENT OF HEALTH-CERTIFICATION NUMBER E871068
AIHA LAP, LLC ACCREDITED LABORATORY - ID #199763
Test results in this report meet NELAC, ISO 17025 and/or AIHA-LAP requirements, as applicable. For Scopes of Accreditation of each refer to www.altolenterprises.com

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REPORT OF ANALYSIS

Certificate Number: CERT - 9709

August 12, 2015

Parameter	Units	Result	Method	Method Detection Limit	Sample Extraction Date	Analysis Date	Analysis Time	Analyst
Acenaphthylene	mg/kg	ND	EPA 8270c	0.017	July 20, 2015	August 6, 2015	0142	GP
Anthracene	mg/kg	ND	EPA 8270c	0.037	July 20, 2015	August 6, 2015	0142	GP
Benzo(a)anthracene	mg/kg	ND	EPA 8270c	0.047	July 20, 2015	August 6, 2015	0142	GP
Benzo(a)pyrene	mg/kg	ND	EPA 8270c	0.025	July 20, 2015	August 6, 2015	0142	GP
Benzo(b)Fluoranthene	mg/kg	ND	EPA 8270c	0.047	July 20, 2015	August 6, 2015	0142	GP
Benzo(g,h,i)perylene	mg/kg	ND	EPA 8270c	0.031	July 20, 2015	August 6, 2015	0142	GP
Benzo(k)Fluoranthene	mg/kg	ND	EPA 8270c	0.052	July 20, 2015	August 6, 2015	0142	GP
Chrysene	mg/kg	ND	EPA 8270c	0.042	July 20, 2015	August 6, 2015	0142	GP
Dibenzo(a,h)anthracene	mg/kg	ND	EPA 8270c	0.037	July 20, 2015	August 6, 2015	0142	GP
Fluoranthene	mg/kg	0.269	EPA 8270c	0.015	July 20, 2015	August 6, 2015	0142	GP
Fluorene	mg/kg	ND	EPA 8270c	0.022	July 20, 2015	August 6, 2015	0142	GP
Indeno(1,2,3-cd)pyrene	mg/kg	ND	EPA 8270c	0.041	July 20, 2015	August 6, 2015	0142	GP
Naphthalene	mg/kg	ND	EPA 8270c	0.0063	July 20, 2015	August 6, 2015	0142	GP
Phenanthrene	mg/kg	ND	EPA 8270c	0.039	July 20, 2015	August 6, 2015	0142	GP
Pyrene	mg/kg	ND	EPA 8270c	0.012	July 20, 2015	August 6, 2015	0142	GP

ND= Not Detected

Saira Vázquez Báez
Lic. #5471
A 1542520

Saira Vázquez Báez
Laboratory Operations Director
Licensed Chemist 5471

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NELAC CERTIFIED BY FLORIDA DEPARTMENT OF HEALTH-CERTIFICATION NUMBER E871068
AIHA LAP, LLC ACCREDITED LABORATORY - ID #199763
Test results in this report meet NELAC, ISO 17025 and/or AIHA-LAP requirements, as applicable. For Scopes of Accreditation of each refer to www.altolenterprises.com

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REPORT OF ANALYSIS

Certificate Number: CERT - 9710

August 12, 2015

Customer Name:	Aerostar SES	**Custody Number:**	079393
Contact:	Rick Levin	**Sampled Date:**	Wednesday, July 15, 2015
Customer Address:	11181St.Johns Industrial Pkwy.N.	**Sampled Time:**	N/A
	Jacksonville Florida 32246	**Received Date:**	Thursday, July 16, 2015
Phone/Fax:	904-565-2820	**Received Time:**	1658 hrs.
Contact Email:	rlevin@aerostar.net	**Sample Matrix:**	Solid
Sampled By:	Tim Cullen	**Sample Type:**	Grab
Sample Received By:	C. Lopez	**Temp Rec at Lab:**	4 °C
Sample Delivered By:	E. Ruiz	**Lab. Sample Number:**	AT-15-6905
Project and Sample Description:	Fort Buchanan - Building 517 - Light Pole Dup. 003		

Parameter	Units	Result	Method	Method Detection Limit	Sample Extraction Date	Analysis Date	Analysis Time	Analyst
MtBE	mg/kg	ND	EPA 8260	0.12	July 20, 2015	July 31, 2015	0045	LS
TPH Diesel	mg/kg	1,640	EPA 8015	110	July 20, 2015	July 31, 2015	1304	LS
TPH Gasoline	mg/kg	ND	EPA 8015	33	July 20, 2015	August 5, 2015	2342	GP
BTEX's	---	---	---	---	---	---	---	---
Benzene	mg/kg	ND	EPA 8260	0.39	July 20, 2015	July 31, 2015	0045	GP
Ethylbenzene	mg/kg	ND	EPA 8260	0.47	July 20, 2015	July 31, 2015	0045	GP
M-P Xylene	mg/kg	ND	EPA 8260	0.51	July 20, 2015	July 31, 2015	0045	GP
O-Xylene	mg/kg	ND	EPA 8260	0.37	July 20, 2015	July 31, 2015	0045	GP
Toluene	mg/kg	ND	EPA 8260	0.41	July 20, 2015	July 31, 2015	0045	GP
PAHs Bundle	---	---	---	---	---	---	---	---
1-Methylnaphthalene	mg/kg	ND	EPA 8270c	0.013	July 20, 2015	August 6, 2015	0212	GP
2-Methylnaphthalene	mg/kg	ND	EPA 8270c	0.012	July 20, 2015	August 6, 2015	0212	GP
Acenaphthene	mg/kg	ND	EPA 8270c	0.019	July 20, 2015	August 6, 2015	0212	GP

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NELAC CERTIFIED BY FLORIDA DEPARTMENT OF HEALTH-CERTIFICATION NUMBER E871068
AIHA LAP, LLC ACCREDITED LABORATORY - ID #199763
Test results in this report meet NELAC, ISO 17025 and/or AIHA-LAP requirements, as applicable. For Scopes of Accreditation of each refer to www.altolenterprises.com

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REPORT OF ANALYSIS

Certificate Number: CERT - 9710

August 12, 2015

Parameter	Units	Result	Method	Method Detection Limit	Sample Extraction Date	Analysis Date	Analysis Time	Analyst
Acenaphthylene	mg/kg	ND	EPA 8270c	0.017	July 20, 2015	August 6, 2015	0212	GP
Anthracene	mg/kg	ND	EPA 8270c	0.037	July 20, 2015	August 6, 2015	0212	GP
Benzo(a)anthracene	mg/kg	ND	EPA 8270c	0.047	July 20, 2015	August 6, 2015	0212	GP
Benzo(a)pyrene	mg/kg	ND	EPA 8270c	0.024	July 20, 2015	August 6, 2015	0212	GP
Benzo(b)Fluoranthene	mg/kg	ND	EPA 8270c	0.047	July 20, 2015	August 6, 2015	0212	GP
Benzo(g,h,i)perylene	mg/kg	ND	EPA 8270c	0.030	July 20, 2015	August 6, 2015	0212	GP
Benzo(k)Fluoranthene	mg/kg	ND	EPA 8270c	0.052	July 20, 2015	August 6, 2015	0212	GP
Chrysene	mg/kg	ND	EPA 8270c	0.041	July 20, 2015	August 6, 2015	0212	GP
Dibenzo(a,h)anthracene	mg/kg	ND	EPA 8270c	0.036	July 20, 2015	August 6, 2015	0212	GP
Fluoranthene	mg/kg	ND	EPA 8270c	0.015	July 20, 2015	August 6, 2015	0212	GP
Fluorene	mg/kg	ND	EPA 8270c	0.022	July 20, 2015	August 6, 2015	0212	GP
Indeno(1,2,3-cd)pyrene	mg/kg	ND	EPA 8270c	0.041	July 20, 2015	August 6, 2015	0212	GP
Naphthalene	mg/kg	ND	EPA 8270c	0.0062	July 20, 2015	August 6, 2015	0212	GP
Phenanthrene	mg/kg	ND	EPA 8270c	0.039	July 20, 2015	August 6, 2015	0212	GP
Pyrene	mg/kg	ND	EPA 8270c	0.012	July 20, 2015	August 6, 2015	0212	GP

ND= Not Detected

Saira Vázquez Báez
Lic. #5471
Agosto 12, 2015
A 1542521

Saira Vázquez Báez
Laboratory Operations Director
Licensed Chemist 5471

CERTIFIED BY PUERTO RICO DEPARTMENT OF HEALTH FOR DRINKING WATER-CERTIFICATION NUMBER PR 00947
NELAC CERTIFIED BY FLORIDA DEPARTMENT OF HEALTH-CERTIFICATION NUMBER E871068
AIHA LAP, LLC ACCREDITED LABORATORY - ID #199763
Test results in this report meet NELAC, ISO 17025 and/or AIHA-LAP requirements, as applicable. For Scopes of Accreditation of each refer to www.altolenterprises.com

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REPORT OF ANALYSIS

Certificate Number: COA PREVIEW

August 12, 2015

Customer Name:	Aerostar SES	**Custody Number:**	79393
Contact:	Rick Levin	**Sampled Date:**	Wednesday, July 15, 2015
Customer Address:	11181St.Johns Industrial Pkwy.N.	**Sampled Time:**	1710 hrs.
	Jacksonville Florida 32246	**Received Date:**	Thursday, July 16, 2015
Phone/Fax:	904-565-2820	**Received Time:**	1658 hrs.
Contact Email:	rlevin@aerostar.net	**Sample Matrix:**	Liquid
Sampled By:	Tim Cullen	**Sample Type:**	Grab
Sample Received By:	C. Lopez	**Temp Rec at Lab:**	4 °C
Sample Delivered By:	E. Ruiz	**Lab. Sample Number:**	AT-15-6906
Project and Sample Description:	Fort Buchanan - Building 517 - Light Pole (Sample Date : July 15,2015) EQ Blank - 001		

Parameter	Units	Result	Cleanup Target Levels	Method	Method Detection Limit	Sample Extraction Date	Analysis Date	Analysis Time	Analyst
MTBE	ug/L	ND	12	EPA 8260 B	0.60	---	July 24, 2015	2030	GP
TPH Diesel	mg/L	ND	50	EPA 8015	0.12	July 22, 2015	July 31, 2015	1331	LS
TPH Gasoline	ug/L	ND	50000	EPA 8015	170	---	July 28, 2015	1337	GP
BTEX's	---	---	---	---	---	---	---	---	---
Benzene	µg/L	ND	5.0	EPA 8260	2.0	---	July 24, 2015	2030	GP
Ethylbenzene	µg/L	ND	530	EPA 8260	2.4	---	July 24, 2015	2030	GP
M-P Xylene	µg/L	ND	10000	EPA 8260	2.6	---	July 24, 2015	2030	GP
O-Xylene	µg/L	ND	10000	EPA 8260	1.9	---	July 24, 2015	2030	GP
Toluene	µg/L	ND	1000	EPA 8260	2.1	---	July 24, 2015	2030	GP
PAHs Bundle	---	---	---	---	---	---	---	---	---
1-Methylnaphthalene	µg/L	ND	28	EPA 8270 C	0.28	July 22, 2015	August 2, 2015	0805	GP
2-Methylnaphthalene	µg/L	ND	28	EPA 8270 C	0.27	July 22, 2015	August 2, 2015	0805	GP
Acenaphthene	µg/L	ND	670	EPA 8270 C	0.42	July 22, 2015	August 2, 2015	0805	GP

CERTIFIED BY PUERTO RICO DEPARTMENT OF HEALTH FOR DRINKING WATER-CERTIFICATION NUMBER PR 00947
NELAC CERTIFIED BY FLORIDA DEPARTMENT OF HEALTH-CERTIFICATION NUMBER E871068
AIHA LAP, LLC ACCREDITED LABORATORY - ID #199763
Test results in this report meet NELAC, ISO 17025 and/or AIHA-LAP requirements, as applicable. For Scopes of Accreditation of each refer to www.altolenterprises.com

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REPORT OF ANALYSIS

Certificate Number: COA PREVIEW

August 12, 2015

Parameter	Units	Result	Cleanup Target Levels	Method	Method Detection Limit	Sample Extraction Date	Analysis Date	Analysis Time	Analyst
Acenaphthylene	µg/L	ND	210	EPA 8270 C	0.36	July 22, 2015	August 2, 2015	0805	GP
Anthracene	µg/L	ND	8300	EPA 8270 C	0.80	July 22, 2015	August 2, 2015	0805	GP
Benzo(a)anthracene	µg/L	ND	0.038	EPA 8270 C	1.0	July 22, 2015	August 2, 2015	0805	GP
Benzo(a)pyrene	µg/L	ND	0.038	EPA 8270 C	0.53	July 22, 2015	August 2, 2015	0805	GP
Benzo(b)Fluoranthene	µg/L	ND	0.038	EPA 8270 C	1.0	July 22, 2015	August 2, 2015	0805	GP
Benzo(g,h,i)perylene	µg/L	ND	210	EPA 8270 C	0.66	July 22, 2015	August 2, 2015	0805	GP
Benzo(k)Fluoranthene	µg/L	ND	0.038	EPA 8270 C	1.1	July 22, 2015	August 2, 2015	0805	GP
Chrysene	µg/L	ND	0.038	EPA 8270 C	0.90	July 22, 2015	August 2, 2015	0805	GP
Dibenzo(a,h)anthracene	µg/L	ND	0.038	EPA 8270 C	0.79	July 22, 2015	August 2, 2015	0805	GP
Fluoranthene	µg/L	ND	130	EPA 8270 C	0.32	July 22, 2015	August 2, 2015	0805	GP
Fluorene	µg/L	ND	1100	EPA 8270 C	0.47	July 22, 2015	August 2, 2015	0805	GP
Indeno(1,2,3-cd)pyrene	µg/L	ND	0.038	EPA 8270 C	0.88	July 22, 2015	August 2, 2015	0805	GP
Naphthalene	µg/L	ND	14	EPA 8270 C	0.14	July 22, 2015	August 2, 2015	0805	GP
Phenanthrene	µg/L	ND	210	EPA 8270 C	0.84	July 22, 2015	August 2, 2015	0805	GP
Pyrene	µg/L	ND	830	EPA 8270 C	0.27	July 22, 2015	August 2, 2015	0805	GP

ND= Nott Detected

Saira Vázquez Báez

Saira Vázquez Báez
Laboratory Operations Director
Licensed Chemist 5471

Saira Vázquez Báez
Lic. #5471
S Vázquez
Agosto 12, 2015
A 1542522

CERTIFIED BY PUERTO RICO DEPARTMENT OF HEALTH FOR DRINKING WATER-CERTIFICATION NUMBER PR 00947
NELAC CERTIFIED BY FLORIDA DEPARTMENT OF HEALTH-CERTIFICATION NUMBER E871068
AIHA LAP, LLC ACCREDITED LABORATORY - ID #199763
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REPORT OF ANALYSIS

Certificate Number: CERT - 9711

August 12, 2015

Customer Name:	Aerostar SES	**Custody Number:**	79393
Contact:	Rick Levin	**Sampled Date:**	Wednesday, July 15, 2015
Customer Address:	11181St.Johns Industrial Pkwy.N.	**Sampled Time:**	N/A
	Jacksonville Florida 32246	**Received Date:**	Thursday, July 16, 2015
Phone/Fax:	904-565-2820	**Received Time:**	1658 hrs.
Contact Email:	rlevin@aerostar.net	**Sample Matrix:**	Liquid
Sampled By:	Tim Cullen	**Sample Type:**	Grab
Sample Received By:	C. Lopez	**Temp Rec at Lab:**	4 °C
Sample Delivered By:	E. Ruiz	**Lab. Sample Number:**	AT-15-6907
Project and Sample Description:	Fort Buchanan - Building 517 - Light Pole (Sample Date : July 15,2015) Trip Blank - 001		

Parameter	Units	Result	Cleanup Target Levels	Method	Method Detection Limit	Sample Extraction Date	Analysis Date	Analysis Time	Analyst
MTBE	ug/L	ND	12	EPA 8260	0.60	---	July 24, 2015	2102	GP
BTEX's	---	---	---	---	---	---	---	---	---
Benzene	µg/L	ND	5.0	EPA 8260	2.0	---	July 24, 2015	2102	GP
Ethylbenzene	µg/L	ND	530	EPA 8260	2.4	---	July 24, 2015	2102	GP
M-P Xylene	µg/L	ND	10000	EPA 8260	2.6	---	July 24, 2015	2102	GP
O-Xylene	µg/L	ND	10000	EPA 8260	1.9	---	July 24, 2015	2102	GP
Toluene	µg/L	ND	1000	EPA 8260	2.1	---	July 24, 2015	2102	GP

ND= Not Detected

Saira Vázquez Báez
Laboratory Operations Director
Licensed Chemist 5471

Saira Vázquez Báez
Lic. #5471
Agosto 12, 2016
A 1542523

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NELAC CERTIFIED BY FLORIDA DEPARTMENT OF HEALTH-CERTIFICATION NUMBER E871068
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PO Box 359 Mercedita, PR 00715
TEL.787-848-6050 FAX: 787-848-6299

IAR International Accreditation Registry

5495

CUSTODY # 079393

Customer Company Name & Address: Aerostar SES LLC, 11181 St. Johns Industrial Pkwy N., Jacksonville, FL 32246

Customer Contact (Print name & sign): Rick Levin, Tim Collen

Project Name: Fort Buchanan - Building 517 (Light Pole)

Project Address: Fort Buchanan, Guaynabo, PR

Phone: 904-565-2820

TURN AROUND TIME: Rush | Days | X Normal | Invoice to sample | Owner | X Consultant

ANALYSIS TYPE		SAMPLE TYPE		SAMPLE MATRIX	# CONTAINERS
X Chemical	Microbiology	Source Water	Drinking Water	X Liquid	Sterile
ENVIRONMENTAL CONDITION		Waste Water	Food	X Solid	Plastic
X Sunny	Cloudy	Ground Water	Solid Waste	Oil	X Glass
Rainy	X Windy	X Soil	Composite HRS	Sludge	Vials
Fugitive Dust	Other	Seawater	X Grab	Other	Other

LAB. SAMPLE # (LAB USE)	DATE	TIME	SAMPLE DESCRIPTION OR SAMPLING POINT NUMBER
✓ ATG-6898	7/15/15	1630	SS-021-0.5
✓ ATG-6899	7/15/15	1635	SS-022-0.5
✓ ATG-6900	7/15/15	1640	SS-023-0.5
✓ ATG-6901	7/15/15	1645	SS-024-0.5
✓ ATG-6902	7/15/15	1650	SS-025-1.0
✓ ATG-6903	7/15/15	—	DUP-001
✓ ATG-6904	7/15/15	—	DUP-002
✓ ATG-6905	7/15/15	—	DUP-003
liquid ATG-6906	7/15/15	1710	EQB-001 5583
liquid ATG-6907	7/15/15	—	TRP BLK-001 **

Comments & Special Instructions: analysis: BTEX/MTBE - 8260B/5030, PAHs - 8270C SIM/3520C, TPH-DRO - 8015C/3520C, TPH-GRO - 8015C/5030B
** BTEX/MTBE - 8260B/5030

METALS		WET CHEMISTRY			CHROMATOGRAPHY
	Aluminum (A,C)	Acidity (A)		Phenol (A)	BTEX (A,E)
	Antimony (A,C)	Alkalinity (A)		P. Total (A, B)	BTEX (A)
	Arsenic (A,C)	Ammonia (A,B)		Res. Chlorine (A)	Chloroform as TTO (A) (E)
	Barium (A,C)	Asbestos (A)		Set. Solids mg/L (A)	Dioxin (A)
	Berrilium (A,C)	Bicarbonate (A)		Set. Solids ml/L (A)	MIBK(A)
	Bismuth (A,C)	BOD-5 (A)		Silica (A)	MTBE(A)
	Boron (A,C)	Bromide (A)		Solids Total (A)	PCB'S(A) 8082 608 (A)
	Cadmium (A,C)	CaO MgO (1)		Sulfate(A)	Pesticide - TTO (A)
	Calcium (A,C)	Carbonate (A)		Sulfide UND (D,H,A)	Phenols by GC (A)
	Chromium (A,C)	Chloride (A)		Sulfite (A)	TBA (A)
	Chromium VI(A,C)	COD (A,B)		Surfactant (A)	TPH D G O (A)
	Cobalt (A,C)	Color ADMI (A)		Suspended Solids (A)	TTO (A,E)
	Cooper (A,C)	Color Pt-Co (A)		TDS (A)	TTO Semi-Volatile (A)
	Gold (A)	Conductivity (A)		TKN (A,B)	VOC's - TTO (A)
	Hardness (A,C)	Cyanide (A,D,G)		TOC (A,B)	MICROBIOLOGY
	Iron (A,C)	D.O (A)		Turbidity (A)	Total Coliform (A,F)
	Lead (A,C)	Fluoride (A)			Fecal Coliform (A,F)
	Lead (A)	Iodide (A)		RCRA	HPC (A,F)
	Lithium (A,C)	Iodine (A)		Reactivity (A)	Enterococcus (A,F)
	Magnesium (A,C)	MLVSS (A)		Corrosivity (A)	E. Coli 0157 MPN (A,F)
	Manganese (A,C)	Moisture (A)		Ignitability (A)	Mold & Yeast (A,F)
	Mercury (A,C)	Nitrate & Nitrite (A)		Metals - TCLP (A)	Salmonella (A,F)
	Molybdenum (A,C)	Nitrate (A)		Volatile - TCLP (A)	Campylobacter(A,F)
	Nickel (A,C)	Nitrite (A)		Semi-Volatile-TCLP (A)	Listeria (A,F)
	Potassium (A,C)	O&G Total (A,B)		Pesticide - TCLP (A)	FOOD ANALYSES
	Selenium (A,C)	O&G TPH (A,B)		Herbicide - TCLP (A)	% Collagen
	Silicon (A,C)	Ortho Phosphate (A,B)		TOX (A)	% FAT
	Silver (A,C)				% Protein
	Sodium (A,C)	O_2 mg/l			Water Activity - Aw
	Strontium (A,C)				
	Thallium (A,C)	pH su			
	Tin (A,C)				
	Titanium (A,C)	Temp °C			
	Vanadium (A,C)				
	Zinc (A,C)	Cl_2 mg/l			

LEGEND PRESERVATION USED

A	Ice (Cool 4 °C)	E	HCL
B	H_2SO_4	F	Sodium Thiosulfate
C	HNO_3	G	Ascorbic Acid
D	Na OH	H	Zinc Acetate
I	Other:		

CONDITIONS OF SAMPLES UPON RECEIPT	TEMPERATURE OF SAMPLE	CONDITION SAMPLE	LABORATORY ACTION
	Room Temperature	✓ Sample Intact	✓ Sample Accepted
Thermometer Serial # 1108	Frozen	✓ Properly Preserved	Sample Rejected
	RECEIVED AT 4 °C	Sample Compromised	

Sample Collected & Relinquished by (Print name & sign): Tim Collen	Date: 7/16/15 Time: —	Received by (Print name & sign):	Date: 7/16/15 Time: 1150	Delivery to Lab. by (Print name & sign):	
Company: Aerostar SES LLC	Collector ID#	Company: ALCHEM	Collector ID#	Date: 7/16/15	Time: 1658
Relinquished by (Print name & sign): Tim Collen	Date: 7/16/15 Time: 1150	Received by (Print name & sign):	Date: Time:	Received at Lab. by (Print name & sign): Carmen Lopez	
Company: Aerostar SES LLC	Collector ID#	Company:	Collector ID#	Date: 7/16/15	Time: 1658

PROCEDURE NO: ALGAP003

All development of our analysis methods meet government regulatory agencies.

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REPORT OF ANALYSIS

Certificate Number: CERT - 9725

August 13, 2015

Customer Name:	Aerostar SES	**Custody Number:**	079394
Contact:	Rick Levin	**Sampled Date:**	Thursday, July 16, 2015
Customer Address:	11181St.Johns Industrial Pkwy.N.	**Sampled Time:**	0900 hrs.
	Jacksonville Florida 32246	**Received Date:**	Thursday, July 16, 2015
Phone/Fax:	904-565-2820	**Sample Received Time:**	1658 hrs.
Contact Email:	rlevin@aerostar.net	**Sample Matrix:**	Solid
Sampled By:	Client	**Sample Type:**	Soil
Sample Received By:	C. Lopez	**Temp Received at Lab:**	4 °C
Sample Delivered By:	E. Ruiz	**Lab. Sample Number:**	AT-15-7214
Project and Sample Description:	Fort Buchanan, Guaynabo PR - Building 517 (Lighf Pole) Disposal - 001		

ESTADO LIBRE ASOCIADO DE PUERTO RICO
Saira Vázquez Báez
Lic. #5471
QUIMICO LICENCIADO

Parameter	Units	Result	Regulatory Limit	Method	Method Detection Limit	EPA - Hazardous Waste Number	Analysis Date	Analyst
Semivolatiles Components	---	---	---	---	---	---	---	---
1,4-Dichlorobenzene	mg/L	ND	7.5	SW 846-8270	0.0012	D027	July 30, 2015	GP
2,4,5-Trichlorophenol	mg/L	ND	400.0	SW 846-8270	0.0042	D041	July 30, 2015	GP
2,4,6-Trichlorophenol	mg/L	ND	2.0	SW 846-8270	0.0033	D042	July 30, 2015	GP
2,4-Dinitrotoluene	mg/L	ND	0.13	SW 846-8270	0.0050	D030	July 30, 2015	GP
Hexachlorobenzene	mg/L	ND	0.13	SW 846-8270	0.0049	D032	July 30, 2015	GP
Hexachlorobutadiene	mg/L	ND	0.5	SW 846-8270	0.0028	D033	July 30, 2015	GP
Hexachloroethane	mg/L	ND	3.0	SW 846-8270	0.0028	D034	July 30, 2015	GP
m+p Cresol(3-Methylphenol +4-Methylphenol)	mg/L	ND	400.0	SW 846-8270	0.0078	D024 / D025	July 30, 2015	GP

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ESTADO LIBRE ASOCIADO DE PUERTO RICO
Seira Vázquez Báez
Lic. #5471
QUÍMICO LICENCIADO

REPORT OF ANALYSIS

Certificate Number: CERT - 9725

August 13, 2015

Parameter	Units	Result	Regulatory Limit	Method	Method Detection Limit	EPA - Hazardous Waste Number	Analysis Date	Analyst
Nitrobenzene	mg/L	ND	2.0	SW 846-8270	0.0047	D036	July 30, 2015	GP
o-Cresol (2-Methylphenol)	mg/L	ND	200.0	SW 846-8270	0.0031	D023	July 30, 2015	GP
Pentachlorophenol	mg/L	ND	100.0	SW 846-8270	0.0065	D037	July 30, 2015	GP
Pyridine	mg/L	ND	5.0	SW 846-8270	0.014	D038	July 30, 2015	GP
TCLP Volatiles Compounds	---	---	---	---	---	---	---	---
1,1-Dichloroethene	mg/L	ND	0.7	EPA 8260	0.0034	D029	July 27, 2015	GP
1,2-Dichloroethane	mg/L	ND	0.5	EPA 8260	0.0016	D028	July 27, 2015	GP
1,4-Dichlorobenzene	mg/L	ND	7.5	EPA 8260	0.0049	D027	July 27, 2015	GP
Benzene	mg/L	ND	0.5	EPA 8260	0.0019	D018	July 27, 2015	GP
Carbon Tetrachloride	mg/L	ND	0.5	EPA 8260	0.0031	D019	July 27, 2015	GP
Chlorobenzene	mg/L	ND	100.0	EPA 8260	0.0034	D021	July 27, 2015	GP
Chloroform	mg/L	ND	6.0	EPA 8260	0.0043	D022	July 27, 2015	GP
Methyl ethyl ketone	mg/L	ND	200.0	EPA 8260	0.0024	D035	July 27, 2015	GP
Tetrachlorethene	mg/L	ND	0.7	EPA 8260	0.0043	D039	July 27, 2015	GP
Trichloroethene	mg/L	ND	0.5	EPA 8260	0.0036	D040	July 27, 2015	GP
Vinyl Chloride	mg/L	ND	0.2	EPA 8260	0.0019	D043	July 27, 2015	GP

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REPORT OF ANALYSIS

Certificate Number: CERT - 9725

August 13, 2015

Parameter	Units	Result	Regulatory Limit	Method	Method Detection Limit	EPA - Hazardous Waste Number	Analysis Date	Analyst
TCLP Metal Components	---	---	---	---	---	---	---	---
Arsenic	mg/L	ND	5.0	SW 846-6010	0.011	D004	August 3, 2015	CM
Barium	mg/L	0.162	100.0	SW 846-6010	0.0010	D005	August 3, 2015	CM
Cadmium	mg/L	ND	1.0	SW 846-6010	0.0010	D006	August 3, 2015	CM
Chromium	mg/L	0.005	5.0	SW 846-6010	0.0010	D007	August 3, 2015	CM
Lead	mg/L	ND	5.0	SW 846-6010	0.0030	D008	August 3, 2015	CM
Mercury	mg/L	ND	0.20	SW 846-7470A	0.000010	D009	July 28, 2015	CM
Selenium	mg/L	ND	1.0	SW 846-6010	0.011	D010	August 3, 2015	CM
Silver	mg/L	ND	5.0	SW 846-6010	0.0010	D011	August 3, 2015	CM

ND= Not Detected

Saira Vázquez Báez
Lic. #5471
ESTADO LIBRE ASOCIADO DE PUERTO RICO
QUIMICO LICENCIADO
Agosto 14, 2015
A 1542538

Saira Vázquez Báez
Laboratory Operations Director
Licensed Chemist 5471

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IAR International Accreditation Registry

CUSTODY # 079394

Customer Company Name & Address: Aerostar SES LLC, 11181 St. Johns Industrial Pkwy N, Jacksonville, FL 32246	Customer Contact (Print name & sign): Rick Leon; Tim Cellar / [signature]
Project Name: Fort Buchanan – Building 517 (Light Pole)	
Project Address: Fort Buchanan, Guaynabo, PR	Phone: 904-565-2820

TURN AROUND TIME: Rush | Days | ✓ Normal | Invoice to sample | Owner | X Consultant

ANALYSIS TYPE		SAMPLE TYPE		SAMPLE MATRIX	# CONTAINERS
X Chemical	Microbiology	Source Water	Drinking Water	Liquid	Sterile
ENVIRONMENTAL CONDITION		Waste Water	Food	X Solid	Plastic
X Sunny	Cloudy	Ground Water	Solid Waste	Oil	X Glass
Rainy	X Windy	X Soil	Composite HRS	Sludge	Vials
Fugitive Dust	Other	Seawater	Grab	Other	Other

LAB. SAMPLE # (LAB USE)	DATE	TIME	SAMPLE DESCRIPTION OR SAMPLING POINT NUMBER
AF15-7214	7/16/15	0900	Disposal-001
			Ver comunicado cliente adjunto 07/24/15

Comments & Special Instructions: (*) Hold-analysis TCLP-VOCs, TCLP-ICP metals, TCLP-mercury, pH, Ignitability, Reactivity, Releasable sulfide, Releasable cyanide

METALS	WET CHEMISTRY		(*) CHROMATOGRAPHY
Aluminum (A,C)	Acidity (A)	Phenol (A)	BTEX (A,E)
Antimony (A,C)	Alkalinity (A)	P. Total (A, B)	BTEX (A)
Arsenic (A,C)	Ammonia (A,B)	Res. Chlorine (A)	Chloroform as TTO (A) (E)
Barium (A,C)	Asbestos (A)	Set. Solids mg/L (A)	Dioxin (A)
Berilium (A,C)	Bicarbonate (A)	Set. Solids ml/L (A)	MIBK(A)
Bismuth (A,C)	BOD-5 (A)	Silica (A)	MTBE(A)
Boron (A,C)	Bromide (A)	Solids Total (A)	PCB'S(A) 8082 608 (A)
Cadmium (A,C)	CaO MgO (1)	Sulfate(A)	Pesticide - TTO (A)
Calcium (A,C)	Carbonate (A)	Sulfide UND (D,H,A)	Phenols by GC (A)
Chromium (A,C)	Chloride (A)	Sulfite (A)	TBA (A)
Chromium VI (A,C)	COD (A,B)	Surfactant (A)	TPH D G O (A)
Cobalt (A,C)	Color ADMI (A)	Suspended Solids (A)	TTO (A,E)
Cooper (A,C)	Color Pt-Co (A)	TDS (A)	TTO Semi-Volatile (A)
Gold (A)	Conductivity (A)	TKN (A,B)	VOC's - TTO (A)
Hardness (A,C)	Cyanide (A,D,G)	TOC (A,B)	**MICROBIOLOGY**
Iron (A,C)	D.O (A)	Turbidity (A)	Total Coliform (A,F)
Lead (A,C)	Fluoride (A)		Fecal Coliform (A,F)
Lead (A)	Iodide (A)	**RCRA**	HPC (A,F)
Lithium (A,C)	Iodine (A)	Reactivity (A)	Enterococcus (A,F)
Magnesium (A,C)	MLVSS (A)	Corrosivity (A)	E. Coli 0157 MPN (A,F)
Manganese (A,C)	Moisture (A)	Ignitability (A)	Mold & Yeast (A,F)
Mercury (A,C)	Nitrate & Nitrite (A)	X Metals - TCLP (A)	Salmonella (A,F)
Molybdenum (A,C)	Nitrate (A)	X Volatile - TCLP (A)	Campylobacter(A,F)
Nickel (A,C)	Nitrite (A)	X Semi-Volatile-TCLP (A)	Listeria (A,F)
Potassium (A,C)	O&G Total (A,B)	Pesticide - TCLP (A)	**FOOD ANALYSES**
Selenium (A,C)	O&G TPH (A,B)	Herbicide - TCLP (A)	% Collagen
Silicon (A,C)	Ortho Phosphate (A,B)	TOX (A)	% FAT
Silver (A,C)			% Protein
Sodium (A,C)	O_2 mg/l		Water Activity - Aw
Strontium (A,C)		**LEGEND PRESERVATION USED**	
Thallium (A,C)	pH su	A Ice (Cool,4 °C)	E HCL
Tin (A,C)		B H_2SO_4	F Sodium Thiosulfate
Titanium (A,C)	Temp °C	C HNO_3	G Ascorbic Acid
Vanadium (A,C)		D Na OH	H Zinc Acetate
Zinc (A,C)	Cl_2 mg/l	I Other:	

CONDITIONS OF SAMPLES UPON RECEIPT	TEMPERATURE OF SAMPLE	CONDITION SAMPLE	LABORATORY ACTION
Thermometer Serial # 1108	Room Temperature	✓ Sample Intact	✓ Sample Accepted
	Frozen	Properly Preserved	Sample Rejected
	RECEIVED AT 4 °C	Sample Compromised	

Sample Collected & Relinquished by (Print name & sign): Tim Cellar / [signature]	Date: 7/16/15 Time: 0900	Received by (Print name & sign): [signature]	Date: 7/16/15 Time: 1150	Delivery to Lab. by (Print name & sign): [signature]	
Company: Aerostar SES/LLC	Collector ID#	Company: ALCHEM	Collector ID#	Date: 7/16/15	Time: 1658
Relinquished by (Print name & sign): Tim Cellar / [signature]	Date: 7/16/15 Time: 1150	Received by (Print name & sign):	Date: Time:	Received at Lab. by (Print name & sign): Carmen Lopez	
Company: Aerostar SES/LLC	Collector ID#	Company:	Collector ID#	Date: 7/16/15	Time: 1658

PROCEDURE NO: ALGAP008

All development of our analysis methods meet government regulatory agencies.

Pace Analytical Services, Inc.
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668

October 12, 2015

Tommy Carr
IntraLabs, Inc.
1909 Southampton Road
Jacksonville, FL 32207

RE: Project: Building 517 (CCFTB-038)
Pace Project No.: 35209602

Dear Tommy Carr:
Enclosed are the analytical results for sample(s) received by the laboratory on September 30, 2015. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Sakina Mckenzie
sakina.mckenzie@pacelabs.com
Project Manager

Enclosures

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Pace Analytical Services, Inc.
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(386)672-5668

CERTIFICATIONS

Project: Building 517 (CCFTB-038)
Pace Project No.: 35209602

New Orleans Certification IDs

California Env. Lab Accreditation Program Branch: 11277CA
Florida Department of Health (NELAC): E87595
Illinois Environmental Protection Agency: 0025721
Kansas Department of Health and Environment (NELAC): E-10266
Louisiana Dept. of Environmental Quality (NELAC/LELAP): 02006
Pennsylviania Dept. of Env Protection (NELAC): 68-04202
Texas Commission on Env. Quality (NELAC): T104704405-09-TX
U.S. Dept. of Agriculture Foreign Soil Import: P330-10-00119

Ormond Beach Certification IDs

8 East Tower Circle, Ormond Beach, FL 32174
Alabama Certification #: 41320
Connecticut Certification #: PH-0216
Delaware Certification: FL NELAC Reciprocity
Florida Certification #: E83079
Georgia Certification #: 955
Guam Certification: FL NELAC Reciprocity
Hawaii Certification: FL NELAC Reciprocity
Illinois Certification #: 200068
Indiana Certification: FL NELAC Reciprocity
Kansas Certification #: E-10383
Kentucky Certification #: 90050
Louisiana Certification #: FL NELAC Reciprocity
Louisiana Environmental Certificate #: 05007
Maryland Certification: #346
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity
Missouri Certification #: 236
Montana Certification #: Cert 0074
Nebraska Certification: NE-OS-28-14
Nevada Certification: FL NELAC Reciprocity
New Hampshire Certification #: 2958
New York Certification #: 11608
North Carolina Environmental Certificate #: 667
North Carolina Certification #: 12710
North Dakota Certification #: R-216
Pennsylvania Certification #: 68-00547
Puerto Rico Certification #: FL01264
South Carolina Certification: #96042001
Tennessee Certification #: TN02974
Texas Certification: FL NELAC Reciprocity
US Virgin Islands Certification: FL NELAC Reciprocity
Virginia Environmental Certification #: 460165
West Virginia Certification #: 9962C
Wisconsin Certification #: 399079670
Wyoming (EPA Region 8): FL NELAC Reciprocity

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SAMPLE SUMMARY

Project: Building 517 (CCFTB-038)
Pace Project No.: 35209602

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35209602001	**SS-026-0.5'**	Solid	09/29/15 08:52	09/30/15 11:40
35209602002	**SS-027-0.5'**	Solid	09/29/15 09:03	09/30/15 11:40
35209602003	**SS-028-0.5'**	Solid	09/29/15 09:12	09/30/15 11:40
35209602004	**SS-029-1'**	Solid	09/29/15 09:22	09/30/15 11:40
35209602005	**SS-030-0.5 1/2'**	Solid	09/29/15 10:04	09/30/15 11:40
35209602006	**SS-031-0.5'**	Solid	09/29/15 11:06	09/30/15 11:40
35209602007	**SS-032-0.5'**	Solid	09/29/15 11:12	09/30/15 11:40
35209602008	**SS-033-0.5'**	Solid	09/29/15 11:20	09/30/15 11:40
35209602009	**SS-034-1'**	Solid	09/29/15 11:30	09/30/15 11:40
35209602010	**SS-035-2.5'**	Solid	09/29/15 11:40	09/30/15 11:40
35209602011	**SS-036-1'**	Solid	09/29/15 11:55	09/30/15 11:40
35209602012	**Dup-04**	Solid	09/29/15 12:00	09/30/15 11:40
35209602013	**Trip Blank**	Water	09/23/15 00:00	09/30/15 11:40

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SAMPLE ANALYTE COUNT

Project: Building 517 (CCFTB-038)
Pace Project No.: 35209602

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35209602001	**SS-026-0.5'**	EPA 8015B Modified	SLUC	3	PASI-N
		EPA 8015/8021	JRP	2	PASI-N
		EPA 8270	IRL	21	PASI-O
		EPA 8260	BCH	55	PASI-O
		ASTM D2974-87	MLO	1	PASI-O
35209602002	**SS-027-0.5'**	EPA 8015B Modified	SLUC	3	PASI-N
		EPA 8015/8021	JRP	2	PASI-N
		EPA 8270	IRL	21	PASI-O
		EPA 8260	BCH	55	PASI-O
		ASTM D2974-87	MLO	1	PASI-O
35209602003	**SS-028-0.5'**	EPA 8015B Modified	SLUC	3	PASI-N
		EPA 8015/8021	JRP	2	PASI-N
		EPA 8270	IRL	21	PASI-O
		EPA 8260	BCH	55	PASI-O
		ASTM D2974-87	MLO	1	PASI-O
35209602004	**SS-029-1'**	EPA 8015B Modified	SLUC	3	PASI-N
		EPA 8015/8021	JRP	2	PASI-N
		EPA 8270	IRL	21	PASI-O
		EPA 8260	BCH	55	PASI-O
		ASTM D2974-87	MLO	1	PASI-O
35209602005	**SS-030-0.5 1/2'**	EPA 8015B Modified	SLUC	3	PASI-N
		EPA 8015/8021	JRP	2	PASI-N
		EPA 8270	IRL	21	PASI-O
		EPA 8260	BCH	55	PASI-O
		ASTM D2974-87	MLO	1	PASI-O
35209602006	**SS-031-0.5'**	EPA 8015B Modified	SLUC	3	PASI-N
		EPA 8015/8021	JRP	2	PASI-N
		EPA 8270	IRL	21	PASI-O
		EPA 8260	BCH	55	PASI-O
		ASTM D2974-87	MLO	1	PASI-O
35209602007	**SS-032-0.5'**	EPA 8015B Modified	SLUC	3	PASI-N
		EPA 8015/8021	JRP	2	PASI-N
		EPA 8270	IRL	21	PASI-O
		EPA 8260	BCH	55	PASI-O
		ASTM D2974-87	MLO	1	PASI-O
35209602008	**SS-033-0.5'**	EPA 8015B Modified	SLUC	3	PASI-N
		EPA 8015/8021	JRP	2	PASI-N

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SAMPLE ANALYTE COUNT

Project: Building 517 (CCFTB-038)
Pace Project No.: 35209602

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8270	IRL	21	PASI-O
		EPA 8260	BCH	55	PASI-O
		ASTM D2974-87	MLO	1	PASI-O
35209602009	**SS-034-1'**	EPA 8015B Modified	SLUC	3	PASI-N
		EPA 8015/8021	JRP	2	PASI-N
		EPA 8270	IRL	21	PASI-O
		EPA 8260	BCH	55	PASI-O
		ASTM D2974-87	MLO	1	PASI-O
35209602010	**SS-035-2.5'**	EPA 8015B Modified	SLUC	3	PASI-N
		EPA 8015/8021	JRP	2	PASI-N
		EPA 8270	IRL	21	PASI-O
		EPA 8260	BCH	55	PASI-O
		ASTM D2974-87	MLO	1	PASI-O
35209602011	**SS-036-1'**	EPA 8015B Modified	SLUC	3	PASI-N
		EPA 8015/8021	JRP	2	PASI-N
		EPA 8270	IRL	21	PASI-O
		EPA 8260	BCH	55	PASI-O
		ASTM D2974-87	MLO	1	PASI-O
35209602012	**Dup-04**	EPA 8015B Modified	SLUC	3	PASI-N
		EPA 8015/8021	JRP	2	PASI-N
		EPA 8270	IRL	21	PASI-O
		EPA 8260	BCH	55	PASI-O
		ASTM D2974-87	MLO	1	PASI-O
35209602013	**Trip Blank**	EPA 8260	SK	8	PASI-O

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Ormond Beach, FL 32174
(386)672-5668

SUMMARY OF DETECTION

Project: Building 517 (CCFTB-038)
Pace Project No.: 35209602

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35209602001	**SS-026-0.5'**					
EPA 8015B Modified	Diesel Range Organic (C10-C28)	15.0	mg/kg	12.1	10/06/15 14:00	
EPA 8015/8021	Gasoline Range Organics	1.6 I	mg/kg	3.4	10/08/15 17:05	
EPA 8270	Acenaphthene	0.11 I	mg/kg	0.26	10/02/15 06:56	
EPA 8270	Anthracene	0.45	mg/kg	0.26	10/02/15 06:56	
EPA 8270	Benzo(a)anthracene	1.8	mg/kg	0.26	10/02/15 06:56	
EPA 8270	Benzo(a)pyrene	1.5	mg/kg	0.26	10/02/15 06:56	
EPA 8270	Benzo(b)fluoranthene	1.7	mg/kg	0.26	10/02/15 06:56	
EPA 8270	Benzo(g,h,i)perylene	0.85	mg/kg	0.26	10/02/15 06:56	
EPA 8270	Benzo(k)fluoranthene	0.97	mg/kg	0.26	10/02/15 06:56	
EPA 8270	Chrysene	1.6	mg/kg	0.26	10/02/15 06:56	
EPA 8270	Dibenz(a,h)anthracene	0.15 I	mg/kg	0.26	10/02/15 06:56	
EPA 8270	Fluoranthene	3.3	mg/kg	0.26	10/02/15 06:56	
EPA 8270	Fluorene	0.099 I	mg/kg	0.26	10/02/15 06:56	
EPA 8270	Indeno(1,2,3-cd)pyrene	0.73	mg/kg	0.26	10/02/15 06:56	
EPA 8270	Phenanthrene	1.7	mg/kg	0.26	10/02/15 06:56	
EPA 8270	Pyrene	3.0	mg/kg	0.26	10/02/15 06:56	
EPA 8260	Methylene Chloride	0.0046 I	mg/kg	0.0064	10/02/15 03:07	
ASTM D2974-87	Percent Moisture	21.6	%	0.10	10/06/15 10:34	
35209602002	**SS-027-0.5'**					
EPA 8015B Modified	Diesel Range Organic (C10-C28)	20.8	mg/kg	11.9	10/06/15 14:28	
EPA 8015/8021	Gasoline Range Organics	1.7 I	mg/kg	3.2	10/08/15 18:21	
EPA 8270	Benzo(a)anthracene	0.12 I	mg/kg	0.25	10/02/15 07:19	
EPA 8270	Benzo(a)pyrene	0.091 I	mg/kg	0.25	10/02/15 07:19	
EPA 8270	Benzo(g,h,i)perylene	0.075 I	mg/kg	0.25	10/02/15 07:19	
EPA 8270	Benzo(k)fluoranthene	0.071 I	mg/kg	0.25	10/02/15 07:19	
EPA 8270	Chrysene	0.11 I	mg/kg	0.25	10/02/15 07:19	
EPA 8270	Fluoranthene	0.18 I	mg/kg	0.25	10/02/15 07:19	
EPA 8270	Indeno(1,2,3-cd)pyrene	0.050 I	mg/kg	0.25	10/02/15 07:19	
EPA 8270	Pyrene	0.16 I	mg/kg	0.25	10/02/15 07:19	
EPA 8260	Methylene Chloride	0.0033 I	mg/kg	0.0055	10/02/15 03:33	C0,J(IS)
ASTM D2974-87	Percent Moisture	17.3	%	0.10	10/06/15 10:34	
35209602003	**SS-028-0.5'**					
EPA 8015/8021	Gasoline Range Organics	1.9 I	mg/kg	3.7	10/08/15 18:47	
ASTM D2974-87	Percent Moisture	31.7	%	0.10	10/06/15 10:35	
35209602004	**SS-029-1'**					
EPA 8015B Modified	Diesel Range Organic (C10-C28)	27.1	mg/kg	11.4	10/06/15 15:46	
EPA 8015/8021	Gasoline Range Organics	1.6 I	mg/kg	3.2	10/08/15 19:13	
EPA 8270	Benzo(a)anthracene	0.13 I	mg/kg	0.23	10/02/15 08:04	
EPA 8270	Benzo(a)pyrene	0.11 I	mg/kg	0.23	10/02/15 08:04	
EPA 8270	Benzo(g,h,i)perylene	0.079 I	mg/kg	0.23	10/02/15 08:04	
EPA 8270	Benzo(k)fluoranthene	0.077 I	mg/kg	0.23	10/02/15 08:04	
EPA 8270	Chrysene	0.11 I	mg/kg	0.23	10/02/15 08:04	
EPA 8270	Fluoranthene	0.22 I	mg/kg	0.23	10/02/15 08:04	
EPA 8270	Indeno(1,2,3-cd)pyrene	0.069 I	mg/kg	0.23	10/02/15 08:04	
EPA 8270	Phenanthrene	0.10 I	mg/kg	0.23	10/02/15 08:04	
EPA 8270	Pyrene	0.20 I	mg/kg	0.23	10/02/15 08:04	

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8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668

SUMMARY OF DETECTION

Project: Building 517 (CCFTB-038)
Pace Project No.: 35209602

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35209602004	**SS-029-1'**					
ASTM D2974-87	Percent Moisture	15.8	%	0.10	10/06/15 10:35	
35209602005	**SS-030-0.5 1/2'**					
EPA 8015/8021	Gasoline Range Organics	1.6 I	mg/kg	3.2	10/08/15 19:39	
ASTM D2974-87	Percent Moisture	21.5	%	0.10	10/06/15 10:35	
35209602006	**SS-031-0.5'**					
EPA 8015B Modified	Diesel Range Organic (C10-C28)	71.2	mg/kg	10	10/06/15 16:42	
EPA 8015/8021	Gasoline Range Organics	1.3 I	mg/kg	2.6	10/08/15 20:05	
EPA 8270	Acenaphthene	0.022 I	mg/kg	0.035	10/02/15 09:13	
EPA 8270	Anthracene	0.086	mg/kg	0.035	10/02/15 09:13	
EPA 8270	Benzo(a)anthracene	0.32	mg/kg	0.035	10/02/15 09:13	
EPA 8270	Benzo(a)pyrene	0.32	mg/kg	0.035	10/02/15 09:13	
EPA 8270	Benzo(b)fluoranthene	0.34	mg/kg	0.035	10/02/15 09:13	
EPA 8270	Benzo(g,h,i)perylene	0.28	mg/kg	0.035	10/02/15 09:13	
EPA 8270	Benzo(k)fluoranthene	0.16	mg/kg	0.035	10/02/15 09:13	
EPA 8270	Chrysene	0.37	mg/kg	0.035	10/02/15 09:13	
EPA 8270	Dibenz(a,h)anthracene	0.038	mg/kg	0.035	10/02/15 09:13	
EPA 8270	Fluoranthene	0.62	mg/kg	0.035	10/02/15 09:13	
EPA 8270	Fluorene	0.027 I	mg/kg	0.035	10/02/15 09:13	
EPA 8270	Indeno(1,2,3-cd)pyrene	0.16	mg/kg	0.035	10/02/15 09:13	
EPA 8270	2-Methylnaphthalene	0.0048 I	mg/kg	0.035	10/02/15 09:13	
EPA 8270	Phenanthrene	0.33	mg/kg	0.035	10/02/15 09:13	
EPA 8270	Pyrene	0.65	mg/kg	0.035	10/02/15 09:13	
EPA 8260	Methylene Chloride	0.0037 I	mg/kg	0.0042	10/02/15 05:15	
ASTM D2974-87	Percent Moisture	5.5	%	0.10	10/06/15 10:35	
35209602007	**SS-032-0.5'**					
EPA 8015B Modified	Diesel Range Organic (C10-C28)	159	mg/kg	10.7	10/07/15 09:38	
EPA 8015/8021	Gasoline Range Organics	1.7 I	mg/kg	2.9	10/08/15 20:31	
EPA 8270	Acenaphthene	0.030 I	mg/kg	0.035	10/02/15 09:36	
EPA 8270	Acenaphthylene	0.0058 I	mg/kg	0.035	10/02/15 09:36	
EPA 8270	Anthracene	0.11	mg/kg	0.035	10/02/15 09:36	
EPA 8270	Benzo(a)anthracene	0.51	mg/kg	0.035	10/02/15 09:36	
EPA 8270	Benzo(a)pyrene	0.56	mg/kg	0.035	10/02/15 09:36	
EPA 8270	Benzo(b)fluoranthene	0.66	mg/kg	0.035	10/02/15 09:36	
EPA 8270	Benzo(g,h,i)perylene	0.60	mg/kg	0.035	10/02/15 09:36	
EPA 8270	Benzo(k)fluoranthene	0.29	mg/kg	0.035	10/02/15 09:36	
EPA 8270	Chrysene	0.56	mg/kg	0.035	10/02/15 09:36	
EPA 8270	Dibenz(a,h)anthracene	0.093	mg/kg	0.035	10/02/15 09:36	
EPA 8270	Fluoranthene	0.92	mg/kg	0.035	10/02/15 09:36	
EPA 8270	Fluorene	0.023 I	mg/kg	0.035	10/02/15 09:36	
EPA 8270	Indeno(1,2,3-cd)pyrene	0.33	mg/kg	0.035	10/02/15 09:36	
EPA 8270	1-Methylnaphthalene	0.0075 I	mg/kg	0.035	10/02/15 09:36	
EPA 8270	2-Methylnaphthalene	0.0061 I	mg/kg	0.035	10/02/15 09:36	
EPA 8270	Naphthalene	0.012 I	mg/kg	0.035	10/02/15 09:36	
EPA 8270	Phenanthrene	0.42	mg/kg	0.035	10/02/15 09:36	
EPA 8270	Pyrene	0.87	mg/kg	0.035	10/02/15 09:36	
ASTM D2974-87	Percent Moisture	6.5	%	0.10	10/06/15 10:35	

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8 East Tower Circle
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SUMMARY OF DETECTION

Project: Building 517 (CCFTB-038)
Pace Project No.: 35209602

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35209602008	**SS-033-0.5'**					
EPA 8015/8021	Gasoline Range Organics	1.2 I	mg/kg	2.3	10/08/15 20:57	
EPA 8270	Anthracene	0.0070 I	mg/kg	0.036	10/02/15 09:58	
EPA 8270	Benzo(a)anthracene	0.036 I	mg/kg	0.036	10/02/15 09:58	
EPA 8270	Benzo(a)pyrene	0.032 I	mg/kg	0.036	10/02/15 09:58	
EPA 8270	Benzo(b)fluoranthene	0.039	mg/kg	0.036	10/02/15 09:58	
EPA 8270	Benzo(g,h,i)perylene	0.039	mg/kg	0.036	10/02/15 09:58	
EPA 8270	Benzo(k)fluoranthene	0.020 I	mg/kg	0.036	10/02/15 09:58	
EPA 8270	Chrysene	0.033 I	mg/kg	0.036	10/02/15 09:58	
EPA 8270	Fluoranthene	0.057	mg/kg	0.036	10/02/15 09:58	
EPA 8270	Indeno(1,2,3-cd)pyrene	0.021 I	mg/kg	0.036	10/02/15 09:58	
EPA 8270	Phenanthrene	0.027 I	mg/kg	0.036	10/02/15 09:58	
EPA 8270	Pyrene	0.056	mg/kg	0.036	10/02/15 09:58	
EPA 8260	Methylene Chloride	0.0027 I	mg/kg	0.0048	10/02/15 06:06	
ASTM D2974-87	Percent Moisture	8.3	%	0.10	10/06/15 10:35	
35209602009	**SS-034-1'**					
EPA 8015B Modified	Diesel Range Organic (C10-C28)	42.3	mg/kg	12.4	10/06/15 23:41	
EPA 8015/8021	Gasoline Range Organics	1.6 I	mg/kg	3.1	10/08/15 21:23	
EPA 8260	Acetone	0.048	mg/kg	0.019	10/02/15 06:32	
ASTM D2974-87	Percent Moisture	19.7	%	0.10	10/06/15 10:35	
35209602010	**SS-035-2.5'**					
EPA 8015/8021	Gasoline Range Organics	1.8 I	mg/kg	3.4	10/08/15 21:49	
EPA 8260	Acetone	0.036	mg/kg	0.021	10/02/15 06:58	
EPA 8260	Methylene Chloride	0.0029 I	mg/kg	0.0052	10/02/15 06:58	
ASTM D2974-87	Percent Moisture	20.0	%	0.10	10/06/15 10:35	
35209602011	**SS-036-1'**					
EPA 8015/8021	Gasoline Range Organics	1.7 I	mg/kg	3.3	10/08/15 22:15	
EPA 8260	Methylene Chloride	0.0029 I	mg/kg	0.0053	10/02/15 07:23	
ASTM D2974-87	Percent Moisture	19.4	%	0.10	10/06/15 10:35	J(D6)
35209602012	**Dup-04**					
EPA 8015B Modified	Diesel Range Organic (C10-C28)	50.0	mg/kg	11.6	10/07/15 00:09	
EPA 8015/8021	Gasoline Range Organics	1.5 I	mg/kg	3.1	10/09/15 00:26	
EPA 8270	Acenaphthene	0.12 I	mg/kg	0.23	10/02/15 11:30	
EPA 8270	Anthracene	0.36	mg/kg	0.23	10/02/15 11:30	
EPA 8270	Benzo(a)anthracene	0.61	mg/kg	0.23	10/02/15 11:30	
EPA 8270	Benzo(a)pyrene	0.42	mg/kg	0.23	10/02/15 11:30	
EPA 8270	Benzo(b)fluoranthene	0.50	mg/kg	0.23	10/02/15 11:30	
EPA 8270	Benzo(g,h,i)perylene	0.25	mg/kg	0.23	10/02/15 11:30	
EPA 8270	Benzo(k)fluoranthene	0.23 I	mg/kg	0.23	10/02/15 11:30	
EPA 8270	Chrysene	0.50	mg/kg	0.23	10/02/15 11:30	
EPA 8270	Fluoranthene	1.3	mg/kg	0.23	10/02/15 11:30	
EPA 8270	Fluorene	0.12 I	mg/kg	0.23	10/02/15 11:30	
EPA 8270	Indeno(1,2,3-cd)pyrene	0.20 I	mg/kg	0.23	10/02/15 11:30	
EPA 8270	Phenanthrene	1.3	mg/kg	0.23	10/02/15 11:30	
EPA 8270	Pyrene	1.1	mg/kg	0.23	10/02/15 11:30	
EPA 8260	Methylene Chloride	0.0037 I	mg/kg	0.0052	10/02/15 07:49	

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SUMMARY OF DETECTION

Project: Building 517 (CCFTB-038)
Pace Project No.: 35209602

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35209602012	**Dup-04**					
ASTM D2974-87	Percent Moisture	13.9	%	0.10	10/06/15 10:35	

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ANALYTICAL RESULTS

Project: Building 517 (CCFTB-038)
Pace Project No.: 35209602

Sample: SS-026-0.5' **Lab ID: 35209602001** Collected: 09/29/15 08:52 Received: 09/30/15 11:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015M DRO/ORO Organics	Analytical Method: EPA 8015B Modified Preparation Method: EPA 3546								
Diesel Range Organic (C10-C28)	**15.0**	mg/kg	12.1		1	10/05/15 09:10	10/06/15 14:00		
Surrogates									
o-Terphenyl (S)	48	%.	16-127		1	10/05/15 09:10	10/06/15 14:00	84-15-1	
n-Pentacosane (S)	56	%.	16-147		1	10/05/15 09:10	10/06/15 14:00	629-99-2	
8021 GCV BTEX, MTBE, GRO Med L	Analytical Method: EPA 8015/8021 Preparation Method: EPA 5035A/5030B								
Gasoline Range Organics	**1.6 I**	mg/kg	3.4	0.47	1	10/08/15 14:00	10/08/15 17:05		
Surrogates									
4-Bromofluorobenzene (S)	92	%.	44-148		1	10/08/15 14:00	10/08/15 17:05	460-00-4	
8270 MSSV Short List Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	**0.11 I**	mg/kg	0.26	0.038	1	10/01/15 19:20	10/02/15 06:56	83-32-9	
Acenaphthylene	**0.027 U**	mg/kg	0.26	0.027	1	10/01/15 19:20	10/02/15 06:56	208-96-8	
Anthracene	**0.45**	mg/kg	0.26	0.036	1	10/01/15 19:20	10/02/15 06:56	120-12-7	
Benzo(a)anthracene	**1.8**	mg/kg	0.26	0.031	1	10/01/15 19:20	10/02/15 06:56	56-55-3	
Benzo(a)pyrene	**1.5**	mg/kg	0.26	0.030	1	10/01/15 19:20	10/02/15 06:56	50-32-8	
Benzo(b)fluoranthene	**1.7**	mg/kg	0.26	0.20	1	10/01/15 19:20	10/02/15 06:56	205-99-2	
Benzo(g,h,i)perylene	**0.85**	mg/kg	0.26	0.030	1	10/01/15 19:20	10/02/15 06:56	191-24-2	
Benzo(k)fluoranthene	**0.97**	mg/kg	0.26	0.056	1	10/01/15 19:20	10/02/15 06:56	207-08-9	
Chrysene	**1.6**	mg/kg	0.26	0.031	1	10/01/15 19:20	10/02/15 06:56	218-01-9	
Dibenz(a,h)anthracene	**0.15 I**	mg/kg	0.26	0.040	1	10/01/15 19:20	10/02/15 06:56	53-70-3	
Fluoranthene	**3.3**	mg/kg	0.26	0.035	1	10/01/15 19:20	10/02/15 06:56	206-44-0	
Fluorene	**0.099 I**	mg/kg	0.26	0.034	1	10/01/15 19:20	10/02/15 06:56	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.73**	mg/kg	0.26	0.045	1	10/01/15 19:20	10/02/15 06:56	193-39-5	
1-Methylnaphthalene	**0.043 U**	mg/kg	0.26	0.043	1	10/01/15 19:20	10/02/15 06:56	90-12-0	
2-Methylnaphthalene	**0.034 U**	mg/kg	0.26	0.034	1	10/01/15 19:20	10/02/15 06:56	91-57-6	
Naphthalene	**0.084 U**	mg/kg	0.26	0.084	1	10/01/15 19:20	10/02/15 06:56	91-20-3	
Phenanthrene	**1.7**	mg/kg	0.26	0.098	1	10/01/15 19:20	10/02/15 06:56	85-01-8	
Pyrene	**3.0**	mg/kg	0.26	0.027	1	10/01/15 19:20	10/02/15 06:56	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	53	%	10-110		1	10/01/15 19:20	10/02/15 06:56	4165-60-0	
2-Fluorobiphenyl (S)	63	%	18-110		1	10/01/15 19:20	10/02/15 06:56	321-60-8	
Terphenyl-d14 (S)	70	%	10-123		1	10/01/15 19:20	10/02/15 06:56	1718-51-0	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260								
Acetone	**0.013 U**	mg/kg	0.026	0.013	1		10/02/15 03:07	67-64-1	
Acetonitrile	**0.032 U**	mg/kg	0.064	0.032	1		10/02/15 03:07	75-05-8	
Benzene	**0.0033 U**	mg/kg	0.0064	0.0033	1		10/02/15 03:07	71-43-2	
Bromochloromethane	**0.0032 U**	mg/kg	0.0064	0.0032	1		10/02/15 03:07	74-97-5	
Bromodichloromethane	**0.0032 U**	mg/kg	0.0064	0.0032	1		10/02/15 03:07	75-27-4	
Bromoform	**0.0032 U**	mg/kg	0.0064	0.0032	1		10/02/15 03:07	75-25-2	
Bromomethane	**0.0032 U**	mg/kg	0.0064	0.0032	1		10/02/15 03:07	74-83-9	
2-Butanone (MEK)	**0.0032 U**	mg/kg	0.0064	0.0032	1		10/02/15 03:07	78-93-3	
Carbon disulfide	**0.0032 U**	mg/kg	0.0064	0.0032	1		10/02/15 03:07	75-15-0	
Carbon tetrachloride	**0.0032 U**	mg/kg	0.0064	0.0032	1		10/02/15 03:07	56-23-5	

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ANALYTICAL RESULTS

Project: Building 517 (CCFTB-038)
Pace Project No.: 35209602

Sample: SS-026-0.5' **Lab ID: 35209602001** Collected: 09/29/15 08:52 Received: 09/30/15 11:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260								
Chlorobenzene	**0.0032 U**	mg/kg	0.0064	0.0032	1		10/02/15 03:07	108-90-7	
Chloroethane	**0.0046 U**	mg/kg	0.0064	0.0046	1		10/02/15 03:07	75-00-3	
Chloroform	**0.0038 U**	mg/kg	0.0064	0.0038	1		10/02/15 03:07	67-66-3	
Chloromethane	**0.0036 U**	mg/kg	0.0064	0.0036	1		10/02/15 03:07	74-87-3	
1,2-Dibromo-3-chloropropane	**0.0032 U**	mg/kg	0.0064	0.0032	1		10/02/15 03:07	96-12-8	
Dibromochloromethane	**0.0032 U**	mg/kg	0.0064	0.0032	1		10/02/15 03:07	124-48-1	
1,2-Dibromoethane (EDB)	**0.0032 U**	mg/kg	0.0064	0.0032	1		10/02/15 03:07	106-93-4	
Dibromomethane	**0.0032 U**	mg/kg	0.0064	0.0032	1		10/02/15 03:07	74-95-3	
1,2-Dichlorobenzene	**0.0032 U**	mg/kg	0.0064	0.0032	1		10/02/15 03:07	95-50-1	
1,4-Dichlorobenzene	**0.0032 U**	mg/kg	0.0064	0.0032	1		10/02/15 03:07	106-46-7	
trans-1,4-Dichloro-2-butene	**0.0032 U**	mg/kg	0.0064	0.0032	1		10/02/15 03:07	110-57-6	J(M1)
1,1-Dichloroethane	**0.0035 U**	mg/kg	0.0064	0.0035	1		10/02/15 03:07	75-34-3	
1,2-Dichloroethane	**0.0032 U**	mg/kg	0.0064	0.0032	1		10/02/15 03:07	107-06-2	
1,2-Dichloroethene (Total)	**0.0039 U**	mg/kg	0.0064	0.0039	1		10/02/15 03:07	540-59-0	
1,1-Dichloroethene	**0.0032 U**	mg/kg	0.0064	0.0032	1		10/02/15 03:07	75-35-4	J(M1)
cis-1,2-Dichloroethene	**0.0032 U**	mg/kg	0.0064	0.0032	1		10/02/15 03:07	156-59-2	
trans-1,2-Dichloroethene	**0.0039 U**	mg/kg	0.0064	0.0039	1		10/02/15 03:07	156-60-5	
1,2-Dichloropropane	**0.0032 U**	mg/kg	0.0064	0.0032	1		10/02/15 03:07	78-87-5	
cis-1,3-Dichloropropene	**0.0032 U**	mg/kg	0.0064	0.0032	1		10/02/15 03:07	10061-01-5	J(M1)
trans-1,3-Dichloropropene	**0.0032 U**	mg/kg	0.0064	0.0032	1		10/02/15 03:07	10061-02-6	
Ethylbenzene	**0.0036 U**	mg/kg	0.0064	0.0036	1		10/02/15 03:07	100-41-4	
2-Hexanone	**0.0032 U**	mg/kg	0.0064	0.0032	1		10/02/15 03:07	591-78-6	J(M1)
Iodomethane	**0.0032 U**	mg/kg	0.0064	0.0032	1		10/02/15 03:07	74-88-4	J(M1)
Isopropylbenzene (Cumene)	**0.0037 U**	mg/kg	0.0064	0.0037	1		10/02/15 03:07	98-82-8	
Methylene Chloride	**0.0046 I**	mg/kg	0.0064	0.0032	1		10/02/15 03:07	75-09-2	
4-Methyl-2-pentanone (MIBK)	**0.0032 U**	mg/kg	0.0064	0.0032	1		10/02/15 03:07	108-10-1	
Methyl-tert-butyl ether	**0.0032 U**	mg/kg	0.0064	0.0032	1		10/02/15 03:07	1634-04-4	
Styrene	**0.0032 U**	mg/kg	0.0064	0.0032	1		10/02/15 03:07	100-42-5	
1,1,1,2-Tetrachloroethane	**0.0032 U**	mg/kg	0.0064	0.0032	1		10/02/15 03:07	630-20-6	
1,1,2,2-Tetrachloroethane	**0.0032 U**	mg/kg	0.0064	0.0032	1		10/02/15 03:07	79-34-5	
Tetrachloroethene	**0.0032 U**	mg/kg	0.0064	0.0032	1		10/02/15 03:07	127-18-4	
Toluene	**0.0034 U**	mg/kg	0.0064	0.0034	1		10/02/15 03:07	108-88-3	
1,1,1-Trichloroethane	**0.0035 U**	mg/kg	0.0064	0.0035	1		10/02/15 03:07	71-55-6	
1,1,2-Trichloroethane	**0.0032 U**	mg/kg	0.0064	0.0032	1		10/02/15 03:07	79-00-5	
Trichloroethene	**0.0036 U**	mg/kg	0.0064	0.0036	1		10/02/15 03:07	79-01-6	
Trichlorofluoromethane	**0.0035 U**	mg/kg	0.0064	0.0035	1		10/02/15 03:07	75-69-4	J(M1)
1,2,3-Trichloropropane	**0.0032 U**	mg/kg	0.0064	0.0032	1		10/02/15 03:07	96-18-4	
Vinyl acetate	**0.0032 U**	mg/kg	0.0064	0.0032	1		10/02/15 03:07	108-05-4	
Vinyl chloride	**0.0034 U**	mg/kg	0.0064	0.0034	1		10/02/15 03:07	75-01-4	
Xylene (Total)	**0.0066 U**	mg/kg	0.019	0.0066	1		10/02/15 03:07	1330-20-7	
m&p-Xylene	**0.0066 U**	mg/kg	0.013	0.0066	1		10/02/15 03:07	179601-23-1	
o-Xylene	**0.0033 U**	mg/kg	0.0064	0.0033	1		10/02/15 03:07	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	87	%	55-148		1		10/02/15 03:07	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	80-131		1		10/02/15 03:07	17060-07-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Building 517 (CCFTB-038)
Pace Project No.: 35209602

Sample: SS-026-0.5' **Lab ID: 35209602001** Collected: 09/29/15 08:52 Received: 09/30/15 11:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260								
Surrogates									
Toluene-d8 (S)	93	%	84-117		1		10/02/15 03:07	2037-26-5	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**21.6**	%	0.10	0.10	1		10/06/15 10:34		

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ANALYTICAL RESULTS

Project: Building 517 (CCFTB-038)
Pace Project No.: 35209602

Sample: SS-027-0.5' **Lab ID: 35209602002** Collected: 09/29/15 09:03 Received: 09/30/15 11:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015M DRO/ORO Organics	Analytical Method: EPA 8015B Modified Preparation Method: EPA 3546								
Diesel Range Organic (C10-C28)	**20.8**	mg/kg	11.9		1	10/05/15 09:10	10/06/15 14:28		
Surrogates									
o-Terphenyl (S)	71	%.	16-127		1	10/05/15 09:10	10/06/15 14:28	84-15-1	
n-Pentacosane (S)	67	%.	16-147		1	10/05/15 09:10	10/06/15 14:28	629-99-2	
8021 GCV BTEX, MTBE, GRO Med L	Analytical Method: EPA 8015/8021 Preparation Method: EPA 5035A/5030B								
Gasoline Range Organics	**1.7 I**	mg/kg	3.2	0.45	1	10/08/15 14:00	10/08/15 18:21		
Surrogates									
4-Bromofluorobenzene (S)	95	%.	44-148		1	10/08/15 14:00	10/08/15 18:21	460-00-4	
8270 MSSV Short List Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	**0.036 U**	mg/kg	0.25	0.036	1	10/01/15 19:20	10/02/15 07:19	83-32-9	
Acenaphthylene	**0.026 U**	mg/kg	0.25	0.026	1	10/01/15 19:20	10/02/15 07:19	208-96-8	
Anthracene	**0.034 U**	mg/kg	0.25	0.034	1	10/01/15 19:20	10/02/15 07:19	120-12-7	
Benzo(a)anthracene	**0.12 I**	mg/kg	0.25	0.030	1	10/01/15 19:20	10/02/15 07:19	56-55-3	
Benzo(a)pyrene	**0.091 I**	mg/kg	0.25	0.029	1	10/01/15 19:20	10/02/15 07:19	50-32-8	
Benzo(b)fluoranthene	**0.19 U**	mg/kg	0.25	0.19	1	10/01/15 19:20	10/02/15 07:19	205-99-2	
Benzo(g,h,i)perylene	**0.075 I**	mg/kg	0.25	0.029	1	10/01/15 19:20	10/02/15 07:19	191-24-2	
Benzo(k)fluoranthene	**0.071 I**	mg/kg	0.25	0.053	1	10/01/15 19:20	10/02/15 07:19	207-08-9	
Chrysene	**0.11 I**	mg/kg	0.25	0.030	1	10/01/15 19:20	10/02/15 07:19	218-01-9	
Dibenz(a,h)anthracene	**0.038 U**	mg/kg	0.25	0.038	1	10/01/15 19:20	10/02/15 07:19	53-70-3	
Fluoranthene	**0.18 I**	mg/kg	0.25	0.033	1	10/01/15 19:20	10/02/15 07:19	206-44-0	
Fluorene	**0.032 U**	mg/kg	0.25	0.032	1	10/01/15 19:20	10/02/15 07:19	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.050 I**	mg/kg	0.25	0.043	1	10/01/15 19:20	10/02/15 07:19	193-39-5	
1-Methylnaphthalene	**0.041 U**	mg/kg	0.25	0.041	1	10/01/15 19:20	10/02/15 07:19	90-12-0	
2-Methylnaphthalene	**0.033 U**	mg/kg	0.25	0.033	1	10/01/15 19:20	10/02/15 07:19	91-57-6	
Naphthalene	**0.080 U**	mg/kg	0.25	0.080	1	10/01/15 19:20	10/02/15 07:19	91-20-3	
Phenanthrene	**0.093 U**	mg/kg	0.25	0.093	1	10/01/15 19:20	10/02/15 07:19	85-01-8	
Pyrene	**0.16 I**	mg/kg	0.25	0.026	1	10/01/15 19:20	10/02/15 07:19	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	58	%	10-110		1	10/01/15 19:20	10/02/15 07:19	4165-60-0	
2-Fluorobiphenyl (S)	76	%	18-110		1	10/01/15 19:20	10/02/15 07:19	321-60-8	
Terphenyl-d14 (S)	84	%	10-123		1	10/01/15 19:20	10/02/15 07:19	1718-51-0	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260								
Acetone	**0.011 U**	mg/kg	0.022	0.011	1		10/02/15 03:33	67-64-1	
Acetonitrile	**0.027 U**	mg/kg	0.055	0.027	1		10/02/15 03:33	75-05-8	J(M1)
Benzene	**0.0028 U**	mg/kg	0.0055	0.0028	1		10/02/15 03:33	71-43-2	
Bromochloromethane	**0.0027 U**	mg/kg	0.0055	0.0027	1		10/02/15 03:33	74-97-5	
Bromodichloromethane	**0.0027 U**	mg/kg	0.0055	0.0027	1		10/02/15 03:33	75-27-4	
Bromoform	**0.0027 U**	mg/kg	0.0055	0.0027	1		10/02/15 03:33	75-25-2	
Bromomethane	**0.0027 U**	mg/kg	0.0055	0.0027	1		10/02/15 03:33	74-83-9	J(M1)
2-Butanone (MEK)	**0.0027 U**	mg/kg	0.0055	0.0027	1		10/02/15 03:33	78-93-3	
Carbon disulfide	**0.0027 U**	mg/kg	0.0055	0.0027	1		10/02/15 03:33	75-15-0	
Carbon tetrachloride	**0.0027 U**	mg/kg	0.0055	0.0027	1		10/02/15 03:33	56-23-5	

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8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668

ANALYTICAL RESULTS

Project: Building 517 (CCFTB-038)
Pace Project No.: 35209602

Sample: SS-027-0.5' **Lab ID: 35209602002** Collected: 09/29/15 09:03 Received: 09/30/15 11:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260								
Chlorobenzene	**0.0027 U**	mg/kg	0.0055	0.0027	1		10/02/15 03:33	108-90-7	
Chloroethane	**0.0039 U**	mg/kg	0.0055	0.0039	1		10/02/15 03:33	75-00-3	
Chloroform	**0.0032 U**	mg/kg	0.0055	0.0032	1		10/02/15 03:33	67-66-3	
Chloromethane	**0.0031 U**	mg/kg	0.0055	0.0031	1		10/02/15 03:33	74-87-3	
1,2-Dibromo-3-chloropropane	**0.0027 U**	mg/kg	0.0055	0.0027	1		10/02/15 03:33	96-12-8	
Dibromochloromethane	**0.0027 U**	mg/kg	0.0055	0.0027	1		10/02/15 03:33	124-48-1	
1,2-Dibromoethane (EDB)	**0.0027 U**	mg/kg	0.0055	0.0027	1		10/02/15 03:33	106-93-4	
Dibromomethane	**0.0027 U**	mg/kg	0.0055	0.0027	1		10/02/15 03:33	74-95-3	
1,2-Dichlorobenzene	**0.0027 U**	mg/kg	0.0055	0.0027	1		10/02/15 03:33	95-50-1	
1,4-Dichlorobenzene	**0.0027 U**	mg/kg	0.0055	0.0027	1		10/02/15 03:33	106-46-7	
trans-1,4-Dichloro-2-butene	**0.0027 U**	mg/kg	0.0055	0.0027	1		10/02/15 03:33	110-57-6	J(M1)
1,1-Dichloroethane	**0.0030 U**	mg/kg	0.0055	0.0030	1		10/02/15 03:33	75-34-3	
1,2-Dichloroethane	**0.0027 U**	mg/kg	0.0055	0.0027	1		10/02/15 03:33	107-06-2	
1,2-Dichloroethene (Total)	**0.0033 U**	mg/kg	0.0055	0.0033	1		10/02/15 03:33	540-59-0	
1,1-Dichloroethene	**0.0027 U**	mg/kg	0.0055	0.0027	1		10/02/15 03:33	75-35-4	
cis-1,2-Dichloroethene	**0.0027 U**	mg/kg	0.0055	0.0027	1		10/02/15 03:33	156-59-2	
trans-1,2-Dichloroethene	**0.0033 U**	mg/kg	0.0055	0.0033	1		10/02/15 03:33	156-60-5	
1,2-Dichloropropane	**0.0027 U**	mg/kg	0.0055	0.0027	1		10/02/15 03:33	78-87-5	
cis-1,3-Dichloropropene	**0.0027 U**	mg/kg	0.0055	0.0027	1		10/02/15 03:33	10061-01-5	J(M1)
trans-1,3-Dichloropropene	**0.0027 U**	mg/kg	0.0055	0.0027	1		10/02/15 03:33	10061-02-6	J(M1)
Ethylbenzene	**0.0031 U**	mg/kg	0.0055	0.0031	1		10/02/15 03:33	100-41-4	
2-Hexanone	**0.0027 U**	mg/kg	0.0055	0.0027	1		10/02/15 03:33	591-78-6	J(M1)
Iodomethane	**0.0027 U**	mg/kg	0.0055	0.0027	1		10/02/15 03:33	74-88-4	J(M1)
Isopropylbenzene (Cumene)	**0.0032 U**	mg/kg	0.0055	0.0032	1		10/02/15 03:33	98-82-8	
Methylene Chloride	**0.0033 I**	mg/kg	0.0055	0.0027	1		10/02/15 03:33	75-09-2	C0,J(IS)
4-Methyl-2-pentanone (MIBK)	**0.0027 U**	mg/kg	0.0055	0.0027	1		10/02/15 03:33	108-10-1	J(M1)
Methyl-tert-butyl ether	**0.0027 U**	mg/kg	0.0055	0.0027	1		10/02/15 03:33	1634-04-4	
Styrene	**0.0027 U**	mg/kg	0.0055	0.0027	1		10/02/15 03:33	100-42-5	
1,1,1,2-Tetrachloroethane	**0.0027 U**	mg/kg	0.0055	0.0027	1		10/02/15 03:33	630-20-6	
1,1,2,2-Tetrachloroethane	**0.0027 U**	mg/kg	0.0055	0.0027	1		10/02/15 03:33	79-34-5	
Tetrachloroethene	**0.0027 U**	mg/kg	0.0055	0.0027	1		10/02/15 03:33	127-18-4	
Toluene	**0.0030 U**	mg/kg	0.0055	0.0030	1		10/02/15 03:33	108-88-3	
1,1,1-Trichloroethane	**0.0030 U**	mg/kg	0.0055	0.0030	1		10/02/15 03:33	71-55-6	
1,1,2-Trichloroethane	**0.0027 U**	mg/kg	0.0055	0.0027	1		10/02/15 03:33	79-00-5	
Trichloroethene	**0.0031 U**	mg/kg	0.0055	0.0031	1		10/02/15 03:33	79-01-6	
Trichlorofluoromethane	**0.0030 U**	mg/kg	0.0055	0.0030	1		10/02/15 03:33	75-69-4	J(M1)
1,2,3-Trichloropropane	**0.0027 U**	mg/kg	0.0055	0.0027	1		10/02/15 03:33	96-18-4	
Vinyl acetate	**0.0028 U**	mg/kg	0.0055	0.0028	1		10/02/15 03:33	108-05-4	
Vinyl chloride	**0.0029 U**	mg/kg	0.0055	0.0029	1		10/02/15 03:33	75-01-4	
Xylene (Total)	**0.0056 U**	mg/kg	0.016	0.0056	1		10/02/15 03:33	1330-20-7	
m&p-Xylene	**0.0056 U**	mg/kg	0.011	0.0056	1		10/02/15 03:33	179601-23-1	
o-Xylene	**0.0028 U**	mg/kg	0.0055	0.0028	1		10/02/15 03:33	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	55-148		1		10/02/15 03:33	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	80-131		1		10/02/15 03:33	17060-07-0	

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ANALYTICAL RESULTS

Project: Building 517 (CCFTB-038)
Pace Project No.: 35209602

Sample: SS-027-0.5' **Lab ID: 35209602002** Collected: 09/29/15 09:03 Received: 09/30/15 11:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260								
Surrogates									
Toluene-d8 (S)	96	%	84-117		1		10/02/15 03:33	2037-26-5	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**17.3**	%	0.10	0.10	1		10/06/15 10:34		

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ANALYTICAL RESULTS

Project: Building 517 (CCFTB-038)
Pace Project No.: 35209602

Sample: SS-028-0.5' **Lab ID: 35209602003** Collected: 09/29/15 09:12 Received: 09/30/15 11:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015M DRO/ORO Organics	Analytical Method: EPA 8015B Modified Preparation Method: EPA 3546								
Diesel Range Organic (C10-C28)	**10.2 I**	mg/kg	14.5		1	10/05/15 09:10	10/06/15 14:56		
Surrogates									
o-Terphenyl (S)	64	%.	16-127		1	10/05/15 09:10	10/06/15 14:56	84-15-1	
n-Pentacosane (S)	65	%.	16-147		1	10/05/15 09:10	10/06/15 14:56	629-99-2	
8021 GCV BTEX, MTBE, GRO Med L	Analytical Method: EPA 8015/8021 Preparation Method: EPA 5035A/5030B								
Gasoline Range Organics	**1.9 I**	mg/kg	3.7	0.52	1	10/08/15 14:00	10/08/15 18:47		
Surrogates									
4-Bromofluorobenzene (S)	95	%.	44-148		1	10/08/15 14:00	10/08/15 18:47	460-00-4	
8270 MSSV Short List Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	**0.043 U**	mg/kg	0.29	0.043	1	10/01/15 19:20	10/02/15 07:41	83-32-9	
Acenaphthylene	**0.031 U**	mg/kg	0.29	0.031	1	10/01/15 19:20	10/02/15 07:41	208-96-8	
Anthracene	**0.040 U**	mg/kg	0.29	0.040	1	10/01/15 19:20	10/02/15 07:41	120-12-7	
Benzo(a)anthracene	**0.035 U**	mg/kg	0.29	0.035	1	10/01/15 19:20	10/02/15 07:41	56-55-3	
Benzo(a)pyrene	**0.034 U**	mg/kg	0.29	0.034	1	10/01/15 19:20	10/02/15 07:41	50-32-8	
Benzo(b)fluoranthene	**0.22 U**	mg/kg	0.29	0.22	1	10/01/15 19:20	10/02/15 07:41	205-99-2	
Benzo(g,h,i)perylene	**0.034 U**	mg/kg	0.29	0.034	1	10/01/15 19:20	10/02/15 07:41	191-24-2	
Benzo(k)fluoranthene	**0.064 U**	mg/kg	0.29	0.064	1	10/01/15 19:20	10/02/15 07:41	207-08-9	
Chrysene	**0.035 U**	mg/kg	0.29	0.035	1	10/01/15 19:20	10/02/15 07:41	218-01-9	
Dibenz(a,h)anthracene	**0.045 U**	mg/kg	0.29	0.045	1	10/01/15 19:20	10/02/15 07:41	53-70-3	
Fluoranthene	**0.040 U**	mg/kg	0.29	0.040	1	10/01/15 19:20	10/02/15 07:41	206-44-0	
Fluorene	**0.038 U**	mg/kg	0.29	0.038	1	10/01/15 19:20	10/02/15 07:41	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.051 U**	mg/kg	0.29	0.051	1	10/01/15 19:20	10/02/15 07:41	193-39-5	
1-Methylnaphthalene	**0.049 U**	mg/kg	0.29	0.049	1	10/01/15 19:20	10/02/15 07:41	90-12-0	
2-Methylnaphthalene	**0.039 U**	mg/kg	0.29	0.039	1	10/01/15 19:20	10/02/15 07:41	91-57-6	
Naphthalene	**0.095 U**	mg/kg	0.29	0.095	1	10/01/15 19:20	10/02/15 07:41	91-20-3	
Phenanthrene	**0.11 U**	mg/kg	0.29	0.11	1	10/01/15 19:20	10/02/15 07:41	85-01-8	
Pyrene	**0.031 U**	mg/kg	0.29	0.031	1	10/01/15 19:20	10/02/15 07:41	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	68	%	10-110		1	10/01/15 19:20	10/02/15 07:41	4165-60-0	
2-Fluorobiphenyl (S)	84	%	18-110		1	10/01/15 19:20	10/02/15 07:41	321-60-8	
Terphenyl-d14 (S)	99	%	10-123		1	10/01/15 19:20	10/02/15 07:41	1718-51-0	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260								
Acetone	**0.013 U**	mg/kg	0.027	0.013	1		10/02/15 03:58	67-64-1	
Acetonitrile	**0.034 U**	mg/kg	0.067	0.034	1		10/02/15 03:58	75-05-8	
Benzene	**0.0035 U**	mg/kg	0.0067	0.0035	1		10/02/15 03:58	71-43-2	
Bromochloromethane	**0.0034 U**	mg/kg	0.0067	0.0034	1		10/02/15 03:58	74-97-5	
Bromodichloromethane	**0.0034 U**	mg/kg	0.0067	0.0034	1		10/02/15 03:58	75-27-4	
Bromoform	**0.0034 U**	mg/kg	0.0067	0.0034	1		10/02/15 03:58	75-25-2	
Bromomethane	**0.0034 U**	mg/kg	0.0067	0.0034	1		10/02/15 03:58	74-83-9	
2-Butanone (MEK)	**0.0034 U**	mg/kg	0.0067	0.0034	1		10/02/15 03:58	78-93-3	
Carbon disulfide	**0.0034 U**	mg/kg	0.0067	0.0034	1		10/02/15 03:58	75-15-0	
Carbon tetrachloride	**0.0034 U**	mg/kg	0.0067	0.0034	1		10/02/15 03:58	56-23-5	

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ANALYTICAL RESULTS

Project: Building 517 (CCFTB-038)
Pace Project No.: 35209602

Sample: SS-028-0.5' **Lab ID: 35209602003** Collected: 09/29/15 09:12 Received: 09/30/15 11:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260								
Chlorobenzene	**0.0034 U**	mg/kg	0.0067	0.0034	1		10/02/15 03:58	108-90-7	
Chloroethane	**0.0048 U**	mg/kg	0.0067	0.0048	1		10/02/15 03:58	75-00-3	
Chloroform	**0.0040 U**	mg/kg	0.0067	0.0040	1		10/02/15 03:58	67-66-3	
Chloromethane	**0.0038 U**	mg/kg	0.0067	0.0038	1		10/02/15 03:58	74-87-3	
1,2-Dibromo-3-chloropropane	**0.0034 U**	mg/kg	0.0067	0.0034	1		10/02/15 03:58	96-12-8	
Dibromochloromethane	**0.0034 U**	mg/kg	0.0067	0.0034	1		10/02/15 03:58	124-48-1	
1,2-Dibromoethane (EDB)	**0.0034 U**	mg/kg	0.0067	0.0034	1		10/02/15 03:58	106-93-4	
Dibromomethane	**0.0034 U**	mg/kg	0.0067	0.0034	1		10/02/15 03:58	74-95-3	
1,2-Dichlorobenzene	**0.0034 U**	mg/kg	0.0067	0.0034	1		10/02/15 03:58	95-50-1	
1,4-Dichlorobenzene	**0.0034 U**	mg/kg	0.0067	0.0034	1		10/02/15 03:58	106-46-7	
trans-1,4-Dichloro-2-butene	**0.0034 U**	mg/kg	0.0067	0.0034	1		10/02/15 03:58	110-57-6	
1,1-Dichloroethane	**0.0037 U**	mg/kg	0.0067	0.0037	1		10/02/15 03:58	75-34-3	
1,2-Dichloroethane	**0.0034 U**	mg/kg	0.0067	0.0034	1		10/02/15 03:58	107-06-2	
1,2-Dichloroethene (Total)	**0.0041 U**	mg/kg	0.0067	0.0041	1		10/02/15 03:58	540-59-0	
1,1-Dichloroethene	**0.0034 U**	mg/kg	0.0067	0.0034	1		10/02/15 03:58	75-35-4	
cis-1,2-Dichloroethene	**0.0034 U**	mg/kg	0.0067	0.0034	1		10/02/15 03:58	156-59-2	
trans-1,2-Dichloroethene	**0.0041 U**	mg/kg	0.0067	0.0041	1		10/02/15 03:58	156-60-5	
1,2-Dichloropropane	**0.0034 U**	mg/kg	0.0067	0.0034	1		10/02/15 03:58	78-87-5	
cis-1,3-Dichloropropene	**0.0034 U**	mg/kg	0.0067	0.0034	1		10/02/15 03:58	10061-01-5	
trans-1,3-Dichloropropene	**0.0034 U**	mg/kg	0.0067	0.0034	1		10/02/15 03:58	10061-02-6	
Ethylbenzene	**0.0038 U**	mg/kg	0.0067	0.0038	1		10/02/15 03:58	100-41-4	
2-Hexanone	**0.0034 U**	mg/kg	0.0067	0.0034	1		10/02/15 03:58	591-78-6	
Iodomethane	**0.0034 U**	mg/kg	0.0067	0.0034	1		10/02/15 03:58	74-88-4	
Isopropylbenzene (Cumene)	**0.0039 U**	mg/kg	0.0067	0.0039	1		10/02/15 03:58	98-82-8	
Methylene Chloride	**0.0034 U**	mg/kg	0.0067	0.0034	1		10/02/15 03:58	75-09-2	
4-Methyl-2-pentanone (MIBK)	**0.0034 U**	mg/kg	0.0067	0.0034	1		10/02/15 03:58	108-10-1	
Methyl-tert-butyl ether	**0.0034 U**	mg/kg	0.0067	0.0034	1		10/02/15 03:58	1634-04-4	
Styrene	**0.0034 U**	mg/kg	0.0067	0.0034	1		10/02/15 03:58	100-42-5	
1,1,1,2-Tetrachloroethane	**0.0034 U**	mg/kg	0.0067	0.0034	1		10/02/15 03:58	630-20-6	
1,1,2,2-Tetrachloroethane	**0.0034 U**	mg/kg	0.0067	0.0034	1		10/02/15 03:58	79-34-5	
Tetrachloroethene	**0.0034 U**	mg/kg	0.0067	0.0034	1		10/02/15 03:58	127-18-4	
Toluene	**0.0036 U**	mg/kg	0.0067	0.0036	1		10/02/15 03:58	108-88-3	
1,1,1-Trichloroethane	**0.0037 U**	mg/kg	0.0067	0.0037	1		10/02/15 03:58	71-55-6	
1,1,2-Trichloroethane	**0.0034 U**	mg/kg	0.0067	0.0034	1		10/02/15 03:58	79-00-5	
Trichloroethene	**0.0038 U**	mg/kg	0.0067	0.0038	1		10/02/15 03:58	79-01-6	
Trichlorofluoromethane	**0.0037 U**	mg/kg	0.0067	0.0037	1		10/02/15 03:58	75-69-4	
1,2,3-Trichloropropane	**0.0034 U**	mg/kg	0.0067	0.0034	1		10/02/15 03:58	96-18-4	
Vinyl acetate	**0.0034 U**	mg/kg	0.0067	0.0034	1		10/02/15 03:58	108-05-4	
Vinyl chloride	**0.0036 U**	mg/kg	0.0067	0.0036	1		10/02/15 03:58	75-01-4	
Xylene (Total)	**0.0069 U**	mg/kg	0.020	0.0069	1		10/02/15 03:58	1330-20-7	
m&p-Xylene	**0.0069 U**	mg/kg	0.013	0.0069	1		10/02/15 03:58	179601-23-1	
o-Xylene	**0.0035 U**	mg/kg	0.0067	0.0035	1		10/02/15 03:58	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	55-148		1		10/02/15 03:58	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	80-131		1		10/02/15 03:58	17060-07-0	

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ANALYTICAL RESULTS

Project: Building 517 (CCFTB-038)
Pace Project No.: 35209602

Sample: SS-028-0.5' **Lab ID: 35209602003** Collected: 09/29/15 09:12 Received: 09/30/15 11:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260								
Surrogates									
Toluene-d8 (S)	97	%	84-117		1		10/02/15 03:58	2037-26-5	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**31.7**	%	0.10	0.10	1		10/06/15 10:35		

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8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668

ANALYTICAL RESULTS

Project: Building 517 (CCFTB-038)
Pace Project No.: 35209602

Sample: SS-029-1' **Lab ID: 35209602004** Collected: 09/29/15 09:22 Received: 09/30/15 11:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015M DRO/ORO Organics	Analytical Method: EPA 8015B Modified Preparation Method: EPA 3546								
Diesel Range Organic (C10-C28)	**27.1**	mg/kg	11.4		1	10/05/15 09:10	10/06/15 15:46		
Surrogates									
o-Terphenyl (S)	72	%.	16-127		1	10/05/15 09:10	10/06/15 15:46	84-15-1	
n-Pentacosane (S)	88	%.	16-147		1	10/05/15 09:10	10/06/15 15:46	629-99-2	
8021 GCV BTEX, MTBE, GRO Med L	Analytical Method: EPA 8015/8021 Preparation Method: EPA 5035A/5030B								
Gasoline Range Organics	**1.6 I**	mg/kg	3.2	0.45	1	10/08/15 14:00	10/08/15 19:13		
Surrogates									
4-Bromofluorobenzene (S)	96	%.	44-148		1	10/08/15 14:00	10/08/15 19:13	460-00-4	
8270 MSSV Short List Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	**0.034 U**	mg/kg	0.23	0.034	1	10/01/15 19:20	10/02/15 08:04	83-32-9	
Acenaphthylene	**0.024 U**	mg/kg	0.23	0.024	1	10/01/15 19:20	10/02/15 08:04	208-96-8	
Anthracene	**0.032 U**	mg/kg	0.23	0.032	1	10/01/15 19:20	10/02/15 08:04	120-12-7	
Benzo(a)anthracene	**0.13 I**	mg/kg	0.23	0.028	1	10/01/15 19:20	10/02/15 08:04	56-55-3	
Benzo(a)pyrene	**0.11 I**	mg/kg	0.23	0.027	1	10/01/15 19:20	10/02/15 08:04	50-32-8	
Benzo(b)fluoranthene	**0.18 U**	mg/kg	0.23	0.18	1	10/01/15 19:20	10/02/15 08:04	205-99-2	
Benzo(g,h,i)perylene	**0.079 I**	mg/kg	0.23	0.027	1	10/01/15 19:20	10/02/15 08:04	191-24-2	
Benzo(k)fluoranthene	**0.077 I**	mg/kg	0.23	0.050	1	10/01/15 19:20	10/02/15 08:04	207-08-9	
Chrysene	**0.11 I**	mg/kg	0.23	0.028	1	10/01/15 19:20	10/02/15 08:04	218-01-9	
Dibenz(a,h)anthracene	**0.036 U**	mg/kg	0.23	0.036	1	10/01/15 19:20	10/02/15 08:04	53-70-3	
Fluoranthene	**0.22 I**	mg/kg	0.23	0.031	1	10/01/15 19:20	10/02/15 08:04	206-44-0	
Fluorene	**0.030 U**	mg/kg	0.23	0.030	1	10/01/15 19:20	10/02/15 08:04	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.069 I**	mg/kg	0.23	0.041	1	10/01/15 19:20	10/02/15 08:04	193-39-5	
1-Methylnaphthalene	**0.039 U**	mg/kg	0.23	0.039	1	10/01/15 19:20	10/02/15 08:04	90-12-0	
2-Methylnaphthalene	**0.031 U**	mg/kg	0.23	0.031	1	10/01/15 19:20	10/02/15 08:04	91-57-6	
Naphthalene	**0.075 U**	mg/kg	0.23	0.075	1	10/01/15 19:20	10/02/15 08:04	91-20-3	
Phenanthrene	**0.10 I**	mg/kg	0.23	0.088	1	10/01/15 19:20	10/02/15 08:04	85-01-8	
Pyrene	**0.20 I**	mg/kg	0.23	0.025	1	10/01/15 19:20	10/02/15 08:04	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	64	%	10-110		1	10/01/15 19:20	10/02/15 08:04	4165-60-0	
2-Fluorobiphenyl (S)	77	%	18-110		1	10/01/15 19:20	10/02/15 08:04	321-60-8	
Terphenyl-d14 (S)	81	%	10-123		1	10/01/15 19:20	10/02/15 08:04	1718-51-0	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260								
Acetone	**0.0095 U**	mg/kg	0.019	0.0095	1		10/02/15 04:24	67-64-1	
Acetonitrile	**0.024 U**	mg/kg	0.048	0.024	1		10/02/15 04:24	75-05-8	
Benzene	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 04:24	71-43-2	
Bromochloromethane	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 04:24	74-97-5	
Bromodichloromethane	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 04:24	75-27-4	
Bromoform	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 04:24	75-25-2	
Bromomethane	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 04:24	74-83-9	
2-Butanone (MEK)	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 04:24	78-93-3	
Carbon disulfide	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 04:24	75-15-0	
Carbon tetrachloride	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 04:24	56-23-5	

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8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668

ANALYTICAL RESULTS

Project: Building 517 (CCFTB-038)
Pace Project No.: 35209602

Sample: SS-029-1' **Lab ID: 35209602004** Collected: 09/29/15 09:22 Received: 09/30/15 11:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260								
Chlorobenzene	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 04:24	108-90-7	
Chloroethane	**0.0034 U**	mg/kg	0.0048	0.0034	1		10/02/15 04:24	75-00-3	
Chloroform	**0.0028 U**	mg/kg	0.0048	0.0028	1		10/02/15 04:24	67-66-3	
Chloromethane	**0.0027 U**	mg/kg	0.0048	0.0027	1		10/02/15 04:24	74-87-3	
1,2-Dibromo-3-chloropropane	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 04:24	96-12-8	
Dibromochloromethane	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 04:24	124-48-1	
1,2-Dibromoethane (EDB)	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 04:24	106-93-4	
Dibromomethane	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 04:24	74-95-3	
1,2-Dichlorobenzene	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 04:24	95-50-1	
1,4-Dichlorobenzene	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 04:24	106-46-7	
trans-1,4-Dichloro-2-butene	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 04:24	110-57-6	
1,1-Dichloroethane	**0.0026 U**	mg/kg	0.0048	0.0026	1		10/02/15 04:24	75-34-3	
1,2-Dichloroethane	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 04:24	107-06-2	
1,2-Dichloroethene (Total)	**0.0029 U**	mg/kg	0.0048	0.0029	1		10/02/15 04:24	540-59-0	
1,1-Dichloroethene	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 04:24	75-35-4	
cis-1,2-Dichloroethene	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 04:24	156-59-2	
trans-1,2-Dichloroethene	**0.0029 U**	mg/kg	0.0048	0.0029	1		10/02/15 04:24	156-60-5	
1,2-Dichloropropane	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 04:24	78-87-5	
cis-1,3-Dichloropropene	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 04:24	10061-01-5	
trans-1,3-Dichloropropene	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 04:24	10061-02-6	
Ethylbenzene	**0.0027 U**	mg/kg	0.0048	0.0027	1		10/02/15 04:24	100-41-4	
2-Hexanone	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 04:24	591-78-6	
Iodomethane	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 04:24	74-88-4	
Isopropylbenzene (Cumene)	**0.0028 U**	mg/kg	0.0048	0.0028	1		10/02/15 04:24	98-82-8	
Methylene Chloride	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 04:24	75-09-2	
4-Methyl-2-pentanone (MIBK)	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 04:24	108-10-1	
Methyl-tert-butyl ether	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 04:24	1634-04-4	
Styrene	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 04:24	100-42-5	
1,1,1,2-Tetrachloroethane	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 04:24	630-20-6	
1,1,2,2-Tetrachloroethane	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 04:24	79-34-5	
Tetrachloroethene	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 04:24	127-18-4	
Toluene	**0.0026 U**	mg/kg	0.0048	0.0026	1		10/02/15 04:24	108-88-3	
1,1,1-Trichloroethane	**0.0026 U**	mg/kg	0.0048	0.0026	1		10/02/15 04:24	71-55-6	
1,1,2-Trichloroethane	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 04:24	79-00-5	
Trichloroethene	**0.0027 U**	mg/kg	0.0048	0.0027	1		10/02/15 04:24	79-01-6	
Trichlorofluoromethane	**0.0026 U**	mg/kg	0.0048	0.0026	1		10/02/15 04:24	75-69-4	
1,2,3-Trichloropropane	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 04:24	96-18-4	
Vinyl acetate	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 04:24	108-05-4	
Vinyl chloride	**0.0026 U**	mg/kg	0.0048	0.0026	1		10/02/15 04:24	75-01-4	
Xylene (Total)	**0.0049 U**	mg/kg	0.014	0.0049	1		10/02/15 04:24	1330-20-7	
m&p-Xylene	**0.0049 U**	mg/kg	0.0095	0.0049	1		10/02/15 04:24	179601-23-1	
o-Xylene	**0.0025 U**	mg/kg	0.0048	0.0025	1		10/02/15 04:24	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	55-148		1		10/02/15 04:24	460-00-4	
1,2-Dichloroethane-d4 (S)	114	%	80-131		1		10/02/15 04:24	17060-07-0	

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ANALYTICAL RESULTS

Project: Building 517 (CCFTB-038)
Pace Project No.: 35209602

Sample: SS-029-1' **Lab ID: 35209602004** Collected: 09/29/15 09:22 Received: 09/30/15 11:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260								
Surrogates									
Toluene-d8 (S)	95	%	84-117		1		10/02/15 04:24	2037-26-5	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**15.8**	%	0.10	0.10	1		10/06/15 10:35		

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ANALYTICAL RESULTS

Project: Building 517 (CCFTB-038)
Pace Project No.: 35209602

Sample: SS-030-0.5 1/2' **Lab ID: 35209602005** Collected: 09/29/15 10:04 Received: 09/30/15 11:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015M DRO/ORO Organics	Analytical Method: EPA 8015B Modified Preparation Method: EPA 3546								
Diesel Range Organic (C10-C28)	**7.1 I**	mg/kg	12.4		1	10/05/15 09:10	10/06/15 16:14		
Surrogates									
o-Terphenyl (S)	59	%.	16-127		1	10/05/15 09:10	10/06/15 16:14	84-15-1	
n-Pentacosane (S)	70	%.	16-147		1	10/05/15 09:10	10/06/15 16:14	629-99-2	
8021 GCV BTEX, MTBE, GRO Med L	Analytical Method: EPA 8015/8021 Preparation Method: EPA 5035A/5030B								
Gasoline Range Organics	**1.6 I**	mg/kg	3.2	0.44	1	10/08/15 14:00	10/08/15 19:39		
Surrogates									
4-Bromofluorobenzene (S)	95	%.	44-148		1	10/08/15 14:00	10/08/15 19:39	460-00-4	
8270 MSSV Short List Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	**0.019 U**	mg/kg	0.13	0.019	1	10/01/15 19:20	10/02/15 08:27	83-32-9	
Acenaphthylene	**0.013 U**	mg/kg	0.13	0.013	1	10/01/15 19:20	10/02/15 08:27	208-96-8	
Anthracene	**0.017 U**	mg/kg	0.13	0.017	1	10/01/15 19:20	10/02/15 08:27	120-12-7	
Benzo(a)anthracene	**0.015 U**	mg/kg	0.13	0.015	1	10/01/15 19:20	10/02/15 08:27	56-55-3	
Benzo(a)pyrene	**0.015 U**	mg/kg	0.13	0.015	1	10/01/15 19:20	10/02/15 08:27	50-32-8	
Benzo(b)fluoranthene	**0.095 U**	mg/kg	0.13	0.095	1	10/01/15 19:20	10/02/15 08:27	205-99-2	
Benzo(g,h,i)perylene	**0.015 U**	mg/kg	0.13	0.015	1	10/01/15 19:20	10/02/15 08:27	191-24-2	
Benzo(k)fluoranthene	**0.027 U**	mg/kg	0.13	0.027	1	10/01/15 19:20	10/02/15 08:27	207-08-9	
Chrysene	**0.015 U**	mg/kg	0.13	0.015	1	10/01/15 19:20	10/02/15 08:27	218-01-9	
Dibenz(a,h)anthracene	**0.019 U**	mg/kg	0.13	0.019	1	10/01/15 19:20	10/02/15 08:27	53-70-3	
Fluoranthene	**0.017 U**	mg/kg	0.13	0.017	1	10/01/15 19:20	10/02/15 08:27	206-44-0	
Fluorene	**0.016 U**	mg/kg	0.13	0.016	1	10/01/15 19:20	10/02/15 08:27	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.022 U**	mg/kg	0.13	0.022	1	10/01/15 19:20	10/02/15 08:27	193-39-5	
1-Methylnaphthalene	**0.021 U**	mg/kg	0.13	0.021	1	10/01/15 19:20	10/02/15 08:27	90-12-0	
2-Methylnaphthalene	**0.017 U**	mg/kg	0.13	0.017	1	10/01/15 19:20	10/02/15 08:27	91-57-6	
Naphthalene	**0.041 U**	mg/kg	0.13	0.041	1	10/01/15 19:20	10/02/15 08:27	91-20-3	
Phenanthrene	**0.048 U**	mg/kg	0.13	0.048	1	10/01/15 19:20	10/02/15 08:27	85-01-8	
Pyrene	**0.013 U**	mg/kg	0.13	0.013	1	10/01/15 19:20	10/02/15 08:27	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	58	%	10-110		1	10/01/15 19:20	10/02/15 08:27	4165-60-0	
2-Fluorobiphenyl (S)	71	%	18-110		1	10/01/15 19:20	10/02/15 08:27	321-60-8	
Terphenyl-d14 (S)	77	%	10-123		1	10/01/15 19:20	10/02/15 08:27	1718-51-0	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260								
Acetone	**0.014 U**	mg/kg	0.028	0.014	1		10/02/15 04:50	67-64-1	
Acetonitrile	**0.035 U**	mg/kg	0.070	0.035	1		10/02/15 04:50	75-05-8	
Benzene	**0.0036 U**	mg/kg	0.0070	0.0036	1		10/02/15 04:50	71-43-2	
Bromochloromethane	**0.0035 U**	mg/kg	0.0070	0.0035	1		10/02/15 04:50	74-97-5	
Bromodichloromethane	**0.0035 U**	mg/kg	0.0070	0.0035	1		10/02/15 04:50	75-27-4	
Bromoform	**0.0035 U**	mg/kg	0.0070	0.0035	1		10/02/15 04:50	75-25-2	
Bromomethane	**0.0035 U**	mg/kg	0.0070	0.0035	1		10/02/15 04:50	74-83-9	
2-Butanone (MEK)	**0.0035 U**	mg/kg	0.0070	0.0035	1		10/02/15 04:50	78-93-3	
Carbon disulfide	**0.0035 U**	mg/kg	0.0070	0.0035	1		10/02/15 04:50	75-15-0	
Carbon tetrachloride	**0.0035 U**	mg/kg	0.0070	0.0035	1		10/02/15 04:50	56-23-5	

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Ormond Beach, FL 32174
(386)672-5668

ANALYTICAL RESULTS

Project: Building 517 (CCFTB-038)
Pace Project No.: 35209602

Sample: SS-030-0.5 1/2' **Lab ID: 35209602005** Collected: 09/29/15 10:04 Received: 09/30/15 11:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260								
Chlorobenzene	**0.0035 U**	mg/kg	0.0070	0.0035	1		10/02/15 04:50	108-90-7	
Chloroethane	**0.0050 U**	mg/kg	0.0070	0.0050	1		10/02/15 04:50	75-00-3	
Chloroform	**0.0042 U**	mg/kg	0.0070	0.0042	1		10/02/15 04:50	67-66-3	
Chloromethane	**0.0039 U**	mg/kg	0.0070	0.0039	1		10/02/15 04:50	74-87-3	
1,2-Dibromo-3-chloropropane	**0.0035 U**	mg/kg	0.0070	0.0035	1		10/02/15 04:50	96-12-8	
Dibromochloromethane	**0.0035 U**	mg/kg	0.0070	0.0035	1		10/02/15 04:50	124-48-1	
1,2-Dibromoethane (EDB)	**0.0035 U**	mg/kg	0.0070	0.0035	1		10/02/15 04:50	106-93-4	
Dibromomethane	**0.0035 U**	mg/kg	0.0070	0.0035	1		10/02/15 04:50	74-95-3	
1,2-Dichlorobenzene	**0.0035 U**	mg/kg	0.0070	0.0035	1		10/02/15 04:50	95-50-1	
1,4-Dichlorobenzene	**0.0035 U**	mg/kg	0.0070	0.0035	1		10/02/15 04:50	106-46-7	
trans-1,4-Dichloro-2-butene	**0.0035 U**	mg/kg	0.0070	0.0035	1		10/02/15 04:50	110-57-6	
1,1-Dichloroethane	**0.0038 U**	mg/kg	0.0070	0.0038	1		10/02/15 04:50	75-34-3	
1,2-Dichloroethane	**0.0035 U**	mg/kg	0.0070	0.0035	1		10/02/15 04:50	107-06-2	
1,2-Dichloroethene (Total)	**0.0043 U**	mg/kg	0.0070	0.0043	1		10/02/15 04:50	540-59-0	
1,1-Dichloroethene	**0.0035 U**	mg/kg	0.0070	0.0035	1		10/02/15 04:50	75-35-4	
cis-1,2-Dichloroethene	**0.0035 U**	mg/kg	0.0070	0.0035	1		10/02/15 04:50	156-59-2	
trans-1,2-Dichloroethene	**0.0043 U**	mg/kg	0.0070	0.0043	1		10/02/15 04:50	156-60-5	
1,2-Dichloropropane	**0.0035 U**	mg/kg	0.0070	0.0035	1		10/02/15 04:50	78-87-5	
cis-1,3-Dichloropropene	**0.0035 U**	mg/kg	0.0070	0.0035	1		10/02/15 04:50	10061-01-5	
trans-1,3-Dichloropropene	**0.0035 U**	mg/kg	0.0070	0.0035	1		10/02/15 04:50	10061-02-6	
Ethylbenzene	**0.0040 U**	mg/kg	0.0070	0.0040	1		10/02/15 04:50	100-41-4	
2-Hexanone	**0.0035 U**	mg/kg	0.0070	0.0035	1		10/02/15 04:50	591-78-6	
Iodomethane	**0.0035 U**	mg/kg	0.0070	0.0035	1		10/02/15 04:50	74-88-4	
Isopropylbenzene (Cumene)	**0.0041 U**	mg/kg	0.0070	0.0041	1		10/02/15 04:50	98-82-8	
Methylene Chloride	**0.0035 U**	mg/kg	0.0070	0.0035	1		10/02/15 04:50	75-09-2	
4-Methyl-2-pentanone (MIBK)	**0.0035 U**	mg/kg	0.0070	0.0035	1		10/02/15 04:50	108-10-1	
Methyl-tert-butyl ether	**0.0035 U**	mg/kg	0.0070	0.0035	1		10/02/15 04:50	1634-04-4	
Styrene	**0.0035 U**	mg/kg	0.0070	0.0035	1		10/02/15 04:50	100-42-5	
1,1,1,2-Tetrachloroethane	**0.0035 U**	mg/kg	0.0070	0.0035	1		10/02/15 04:50	630-20-6	
1,1,2,2-Tetrachloroethane	**0.0035 U**	mg/kg	0.0070	0.0035	1		10/02/15 04:50	79-34-5	
Tetrachloroethene	**0.0035 U**	mg/kg	0.0070	0.0035	1		10/02/15 04:50	127-18-4	
Toluene	**0.0038 U**	mg/kg	0.0070	0.0038	1		10/02/15 04:50	108-88-3	
1,1,1-Trichloroethane	**0.0039 U**	mg/kg	0.0070	0.0039	1		10/02/15 04:50	71-55-6	
1,1,2-Trichloroethane	**0.0035 U**	mg/kg	0.0070	0.0035	1		10/02/15 04:50	79-00-5	
Trichloroethene	**0.0040 U**	mg/kg	0.0070	0.0040	1		10/02/15 04:50	79-01-6	
Trichlorofluoromethane	**0.0038 U**	mg/kg	0.0070	0.0038	1		10/02/15 04:50	75-69-4	
1,2,3-Trichloropropane	**0.0035 U**	mg/kg	0.0070	0.0035	1		10/02/15 04:50	96-18-4	
Vinyl acetate	**0.0035 U**	mg/kg	0.0070	0.0035	1		10/02/15 04:50	108-05-4	
Vinyl chloride	**0.0038 U**	mg/kg	0.0070	0.0038	1		10/02/15 04:50	75-01-4	
Xylene (Total)	**0.0072 U**	mg/kg	0.021	0.0072	1		10/02/15 04:50	1330-20-7	
m&p-Xylene	**0.0072 U**	mg/kg	0.014	0.0072	1		10/02/15 04:50	179601-23-1	
o-Xylene	**0.0036 U**	mg/kg	0.0070	0.0036	1		10/02/15 04:50	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	55-148		1		10/02/15 04:50	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	80-131		1		10/02/15 04:50	17060-07-0	

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ANALYTICAL RESULTS

Project: Building 517 (CCFTB-038)
Pace Project No.: 35209602

Sample: SS-030-0.5 1/2' **Lab ID: 35209602005** Collected: 09/29/15 10:04 Received: 09/30/15 11:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260								
Surrogates									
Toluene-d8 (S)	96	%	84-117		1		10/02/15 04:50	2037-26-5	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**21.5**	%	0.10	0.10	1		10/06/15 10:35		

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ANALYTICAL RESULTS

Project: Building 517 (CCFTB-038)
Pace Project No.: 35209602

Sample: SS-031-0.5' **Lab ID: 35209602006** Collected: 09/29/15 11:06 Received: 09/30/15 11:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015M DRO/ORO Organics	Analytical Method: EPA 8015B Modified Preparation Method: EPA 3546								
Diesel Range Organic (C10-C28)	**71.2**	mg/kg	10		1	10/05/15 09:10	10/06/15 16:42		
Surrogates									
o-Terphenyl (S)	74	%.	16-127		1	10/05/15 09:10	10/06/15 16:42	84-15-1	
n-Pentacosane (S)	150	%.	16-147		1	10/05/15 09:10	10/06/15 16:42	629-99-2	J(S5)
8021 GCV BTEX, MTBE, GRO Med L	Analytical Method: EPA 8015/8021 Preparation Method: EPA 5035A/5030B								
Gasoline Range Organics	**1.3 I**	mg/kg	2.6	0.36	1	10/08/15 14:00	10/08/15 20:05		
Surrogates									
4-Bromofluorobenzene (S)	93	%.	44-148		1	10/08/15 14:00	10/08/15 20:05	460-00-4	
8270 MSSV Short List Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	**0.022 I**	mg/kg	0.035	0.0052	1	10/01/15 19:20	10/02/15 09:13	83-32-9	
Acenaphthylene	**0.0037 U**	mg/kg	0.035	0.0037	1	10/01/15 19:20	10/02/15 09:13	208-96-8	
Anthracene	**0.086**	mg/kg	0.035	0.0048	1	10/01/15 19:20	10/02/15 09:13	120-12-7	
Benzo(a)anthracene	**0.32**	mg/kg	0.035	0.0042	1	10/01/15 19:20	10/02/15 09:13	56-55-3	
Benzo(a)pyrene	**0.32**	mg/kg	0.035	0.0041	1	10/01/15 19:20	10/02/15 09:13	50-32-8	
Benzo(b)fluoranthene	**0.34**	mg/kg	0.035	0.026	1	10/01/15 19:20	10/02/15 09:13	205-99-2	
Benzo(g,h,i)perylene	**0.28**	mg/kg	0.035	0.0041	1	10/01/15 19:20	10/02/15 09:13	191-24-2	
Benzo(k)fluoranthene	**0.16**	mg/kg	0.035	0.0076	1	10/01/15 19:20	10/02/15 09:13	207-08-9	
Chrysene	**0.37**	mg/kg	0.035	0.0042	1	10/01/15 19:20	10/02/15 09:13	218-01-9	
Dibenz(a,h)anthracene	**0.038**	mg/kg	0.035	0.0054	1	10/01/15 19:20	10/02/15 09:13	53-70-3	
Fluoranthene	**0.62**	mg/kg	0.035	0.0047	1	10/01/15 19:20	10/02/15 09:13	206-44-0	
Fluorene	**0.027 I**	mg/kg	0.035	0.0046	1	10/01/15 19:20	10/02/15 09:13	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.16**	mg/kg	0.035	0.0061	1	10/01/15 19:20	10/02/15 09:13	193-39-5	
1-Methylnaphthalene	**0.0058 U**	mg/kg	0.035	0.0058	1	10/01/15 19:20	10/02/15 09:13	90-12-0	
2-Methylnaphthalene	**0.0048 I**	mg/kg	0.035	0.0046	1	10/01/15 19:20	10/02/15 09:13	91-57-6	
Naphthalene	**0.011 U**	mg/kg	0.035	0.011	1	10/01/15 19:20	10/02/15 09:13	91-20-3	
Phenanthrene	**0.33**	mg/kg	0.035	0.013	1	10/01/15 19:20	10/02/15 09:13	85-01-8	
Pyrene	**0.65**	mg/kg	0.035	0.0037	1	10/01/15 19:20	10/02/15 09:13	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	41	%	10-110		1	10/01/15 19:20	10/02/15 09:13	4165-60-0	
2-Fluorobiphenyl (S)	55	%	18-110		1	10/01/15 19:20	10/02/15 09:13	321-60-8	
Terphenyl-d14 (S)	63	%	10-123		1	10/01/15 19:20	10/02/15 09:13	1718-51-0	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260								
Acetone	**0.0083 U**	mg/kg	0.017	0.0083	1		10/02/15 05:15	67-64-1	
Acetonitrile	**0.021 U**	mg/kg	0.042	0.021	1		10/02/15 05:15	75-05-8	
Benzene	**0.0021 U**	mg/kg	0.0042	0.0021	1		10/02/15 05:15	71-43-2	
Bromochloromethane	**0.0021 U**	mg/kg	0.0042	0.0021	1		10/02/15 05:15	74-97-5	
Bromodichloromethane	**0.0021 U**	mg/kg	0.0042	0.0021	1		10/02/15 05:15	75-27-4	
Bromoform	**0.0021 U**	mg/kg	0.0042	0.0021	1		10/02/15 05:15	75-25-2	
Bromomethane	**0.0021 U**	mg/kg	0.0042	0.0021	1		10/02/15 05:15	74-83-9	
2-Butanone (MEK)	**0.0021 U**	mg/kg	0.0042	0.0021	1		10/02/15 05:15	78-93-3	
Carbon disulfide	**0.0021 U**	mg/kg	0.0042	0.0021	1		10/02/15 05:15	75-15-0	
Carbon tetrachloride	**0.0021 U**	mg/kg	0.0042	0.0021	1		10/02/15 05:15	56-23-5	

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ANALYTICAL RESULTS

Project: Building 517 (CCFTB-038)
Pace Project No.: 35209602

Sample: SS-031-0.5' **Lab ID: 35209602006** Collected: 09/29/15 11:06 Received: 09/30/15 11:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260								
Chlorobenzene	**0.0021 U**	mg/kg	0.0042	0.0021	1		10/02/15 05:15	108-90-7	
Chloroethane	**0.0030 U**	mg/kg	0.0042	0.0030	1		10/02/15 05:15	75-00-3	
Chloroform	**0.0025 U**	mg/kg	0.0042	0.0025	1		10/02/15 05:15	67-66-3	
Chloromethane	**0.0023 U**	mg/kg	0.0042	0.0023	1		10/02/15 05:15	74-87-3	
1,2-Dibromo-3-chloropropane	**0.0021 U**	mg/kg	0.0042	0.0021	1		10/02/15 05:15	96-12-8	
Dibromochloromethane	**0.0021 U**	mg/kg	0.0042	0.0021	1		10/02/15 05:15	124-48-1	
1,2-Dibromoethane (EDB)	**0.0021 U**	mg/kg	0.0042	0.0021	1		10/02/15 05:15	106-93-4	
Dibromomethane	**0.0021 U**	mg/kg	0.0042	0.0021	1		10/02/15 05:15	74-95-3	
1,2-Dichlorobenzene	**0.0021 U**	mg/kg	0.0042	0.0021	1		10/02/15 05:15	95-50-1	
1,4-Dichlorobenzene	**0.0021 U**	mg/kg	0.0042	0.0021	1		10/02/15 05:15	106-46-7	
trans-1,4-Dichloro-2-butene	**0.0021 U**	mg/kg	0.0042	0.0021	1		10/02/15 05:15	110-57-6	
1,1-Dichloroethane	**0.0023 U**	mg/kg	0.0042	0.0023	1		10/02/15 05:15	75-34-3	
1,2-Dichloroethane	**0.0021 U**	mg/kg	0.0042	0.0021	1		10/02/15 05:15	107-06-2	
1,2-Dichloroethene (Total)	**0.0025 U**	mg/kg	0.0042	0.0025	1		10/02/15 05:15	540-59-0	
1,1-Dichloroethene	**0.0021 U**	mg/kg	0.0042	0.0021	1		10/02/15 05:15	75-35-4	
cis-1,2-Dichloroethene	**0.0021 U**	mg/kg	0.0042	0.0021	1		10/02/15 05:15	156-59-2	
trans-1,2-Dichloroethene	**0.0025 U**	mg/kg	0.0042	0.0025	1		10/02/15 05:15	156-60-5	
1,2-Dichloropropane	**0.0021 U**	mg/kg	0.0042	0.0021	1		10/02/15 05:15	78-87-5	
cis-1,3-Dichloropropene	**0.0021 U**	mg/kg	0.0042	0.0021	1		10/02/15 05:15	10061-01-5	
trans-1,3-Dichloropropene	**0.0021 U**	mg/kg	0.0042	0.0021	1		10/02/15 05:15	10061-02-6	
Ethylbenzene	**0.0024 U**	mg/kg	0.0042	0.0024	1		10/02/15 05:15	100-41-4	
2-Hexanone	**0.0021 U**	mg/kg	0.0042	0.0021	1		10/02/15 05:15	591-78-6	
Iodomethane	**0.0021 U**	mg/kg	0.0042	0.0021	1		10/02/15 05:15	74-88-4	
Isopropylbenzene (Cumene)	**0.0024 U**	mg/kg	0.0042	0.0024	1		10/02/15 05:15	98-82-8	
Methylene Chloride	**0.0037 I**	mg/kg	0.0042	0.0021	1		10/02/15 05:15	75-09-2	
4-Methyl-2-pentanone (MIBK)	**0.0021 U**	mg/kg	0.0042	0.0021	1		10/02/15 05:15	108-10-1	
Methyl-tert-butyl ether	**0.0021 U**	mg/kg	0.0042	0.0021	1		10/02/15 05:15	1634-04-4	
Styrene	**0.0021 U**	mg/kg	0.0042	0.0021	1		10/02/15 05:15	100-42-5	
1,1,1,2-Tetrachloroethane	**0.0021 U**	mg/kg	0.0042	0.0021	1		10/02/15 05:15	630-20-6	
1,1,2,2-Tetrachloroethane	**0.0021 U**	mg/kg	0.0042	0.0021	1		10/02/15 05:15	79-34-5	
Tetrachloroethene	**0.0021 U**	mg/kg	0.0042	0.0021	1		10/02/15 05:15	127-18-4	
Toluene	**0.0023 U**	mg/kg	0.0042	0.0023	1		10/02/15 05:15	108-88-3	
1,1,1-Trichloroethane	**0.0023 U**	mg/kg	0.0042	0.0023	1		10/02/15 05:15	71-55-6	
1,1,2-Trichloroethane	**0.0021 U**	mg/kg	0.0042	0.0021	1		10/02/15 05:15	79-00-5	
Trichloroethene	**0.0024 U**	mg/kg	0.0042	0.0024	1		10/02/15 05:15	79-01-6	
Trichlorofluoromethane	**0.0023 U**	mg/kg	0.0042	0.0023	1		10/02/15 05:15	75-69-4	
1,2,3-Trichloropropane	**0.0021 U**	mg/kg	0.0042	0.0021	1		10/02/15 05:15	96-18-4	
Vinyl acetate	**0.0021 U**	mg/kg	0.0042	0.0021	1		10/02/15 05:15	108-05-4	
Vinyl chloride	**0.0022 U**	mg/kg	0.0042	0.0022	1		10/02/15 05:15	75-01-4	
Xylene (Total)	**0.0043 U**	mg/kg	0.013	0.0043	1		10/02/15 05:15	1330-20-7	
m&p-Xylene	**0.0043 U**	mg/kg	0.0083	0.0043	1		10/02/15 05:15	179601-23-1	
o-Xylene	**0.0022 U**	mg/kg	0.0042	0.0022	1		10/02/15 05:15	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	55-148		1		10/02/15 05:15	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	80-131		1		10/02/15 05:15	17060-07-0	

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ANALYTICAL RESULTS

Project: Building 517 (CCFTB-038)
Pace Project No.: 35209602

Sample: SS-031-0.5' **Lab ID: 35209602006** Collected: 09/29/15 11:06 Received: 09/30/15 11:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260								
Surrogates									
Toluene-d8 (S)	94	%	84-117		1		10/02/15 05:15	2037-26-5	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**5.5**	%	0.10	0.10	1		10/06/15 10:35		

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ANALYTICAL RESULTS

Project: Building 517 (CCFTB-038)
Pace Project No.: 35209602

Sample: SS-032-0.5' **Lab ID: 35209602007** Collected: 09/29/15 11:12 Received: 09/30/15 11:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015M DRO/ORO Organics	Analytical Method: EPA 8015B Modified Preparation Method: EPA 3546								
Diesel Range Organic (C10-C28)	**159**	mg/kg	10.7		1	10/05/15 09:10	10/07/15 09:38		
Surrogates									
o-Terphenyl (S)	89	%.	16-127		1	10/05/15 09:10	10/07/15 09:38	84-15-1	
n-Pentacosane (S)	164	%.	16-147		1	10/05/15 09:10	10/07/15 09:38	629-99-2	J(S5)
8021 GCV BTEX, MTBE, GRO Med L	Analytical Method: EPA 8015/8021 Preparation Method: EPA 5035A/5030B								
Gasoline Range Organics	**1.7 I**	mg/kg	2.9	0.40	1	10/08/15 14:00	10/08/15 20:31		
Surrogates									
4-Bromofluorobenzene (S)	94	%.	44-148		1	10/08/15 14:00	10/08/15 20:31	460-00-4	
8270 MSSV Short List Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	**0.030 I**	mg/kg	0.035	0.0052	1	10/01/15 19:20	10/02/15 09:36	83-32-9	
Acenaphthylene	**0.0058 I**	mg/kg	0.035	0.0037	1	10/01/15 19:20	10/02/15 09:36	208-96-8	
Anthracene	**0.11**	mg/kg	0.035	0.0049	1	10/01/15 19:20	10/02/15 09:36	120-12-7	
Benzo(a)anthracene	**0.51**	mg/kg	0.035	0.0043	1	10/01/15 19:20	10/02/15 09:36	56-55-3	
Benzo(a)pyrene	**0.56**	mg/kg	0.035	0.0041	1	10/01/15 19:20	10/02/15 09:36	50-32-8	
Benzo(b)fluoranthene	**0.66**	mg/kg	0.035	0.027	1	10/01/15 19:20	10/02/15 09:36	205-99-2	
Benzo(g,h,i)perylene	**0.60**	mg/kg	0.035	0.0041	1	10/01/15 19:20	10/02/15 09:36	191-24-2	
Benzo(k)fluoranthene	**0.29**	mg/kg	0.035	0.0076	1	10/01/15 19:20	10/02/15 09:36	207-08-9	
Chrysene	**0.56**	mg/kg	0.035	0.0042	1	10/01/15 19:20	10/02/15 09:36	218-01-9	
Dibenz(a,h)anthracene	**0.093**	mg/kg	0.035	0.0054	1	10/01/15 19:20	10/02/15 09:36	53-70-3	
Fluoranthene	**0.92**	mg/kg	0.035	0.0048	1	10/01/15 19:20	10/02/15 09:36	206-44-0	
Fluorene	**0.023 I**	mg/kg	0.035	0.0046	1	10/01/15 19:20	10/02/15 09:36	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.33**	mg/kg	0.035	0.0062	1	10/01/15 19:20	10/02/15 09:36	193-39-5	
1-Methylnaphthalene	**0.0075 I**	mg/kg	0.035	0.0059	1	10/01/15 19:20	10/02/15 09:36	90-12-0	
2-Methylnaphthalene	**0.0061 I**	mg/kg	0.035	0.0047	1	10/01/15 19:20	10/02/15 09:36	91-57-6	
Naphthalene	**0.012 I**	mg/kg	0.035	0.011	1	10/01/15 19:20	10/02/15 09:36	91-20-3	
Phenanthrene	**0.42**	mg/kg	0.035	0.013	1	10/01/15 19:20	10/02/15 09:36	85-01-8	
Pyrene	**0.87**	mg/kg	0.035	0.0037	1	10/01/15 19:20	10/02/15 09:36	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	48	%	10-110		1	10/01/15 19:20	10/02/15 09:36	4165-60-0	
2-Fluorobiphenyl (S)	59	%	18-110		1	10/01/15 19:20	10/02/15 09:36	321-60-8	
Terphenyl-d14 (S)	61	%	10-123		1	10/01/15 19:20	10/02/15 09:36	1718-51-0	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260								
Acetone	**0.0086 U**	mg/kg	0.017	0.0086	1		10/02/15 05:41	67-64-1	
Acetonitrile	**0.022 U**	mg/kg	0.043	0.022	1		10/02/15 05:41	75-05-8	
Benzene	**0.0022 U**	mg/kg	0.0043	0.0022	1		10/02/15 05:41	71-43-2	
Bromochloromethane	**0.0022 U**	mg/kg	0.0043	0.0022	1		10/02/15 05:41	74-97-5	
Bromodichloromethane	**0.0022 U**	mg/kg	0.0043	0.0022	1		10/02/15 05:41	75-27-4	
Bromoform	**0.0022 U**	mg/kg	0.0043	0.0022	1		10/02/15 05:41	75-25-2	
Bromomethane	**0.0022 U**	mg/kg	0.0043	0.0022	1		10/02/15 05:41	74-83-9	
2-Butanone (MEK)	**0.0022 U**	mg/kg	0.0043	0.0022	1		10/02/15 05:41	78-93-3	
Carbon disulfide	**0.0022 U**	mg/kg	0.0043	0.0022	1		10/02/15 05:41	75-15-0	
Carbon tetrachloride	**0.0022 U**	mg/kg	0.0043	0.0022	1		10/02/15 05:41	56-23-5	

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8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668

ANALYTICAL RESULTS

Project: Building 517 (CCFTB-038)
Pace Project No.: 35209602

Sample: SS-032-0.5' **Lab ID: 35209602007** Collected: 09/29/15 11:12 Received: 09/30/15 11:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260								
Chlorobenzene	**0.0022 U**	mg/kg	0.0043	0.0022	1		10/02/15 05:41	108-90-7	
Chloroethane	**0.0031 U**	mg/kg	0.0043	0.0031	1		10/02/15 05:41	75-00-3	
Chloroform	**0.0025 U**	mg/kg	0.0043	0.0025	1		10/02/15 05:41	67-66-3	
Chloromethane	**0.0024 U**	mg/kg	0.0043	0.0024	1		10/02/15 05:41	74-87-3	
1,2-Dibromo-3-chloropropane	**0.0022 U**	mg/kg	0.0043	0.0022	1		10/02/15 05:41	96-12-8	
Dibromochloromethane	**0.0022 U**	mg/kg	0.0043	0.0022	1		10/02/15 05:41	124-48-1	
1,2-Dibromoethane (EDB)	**0.0022 U**	mg/kg	0.0043	0.0022	1		10/02/15 05:41	106-93-4	
Dibromomethane	**0.0022 U**	mg/kg	0.0043	0.0022	1		10/02/15 05:41	74-95-3	
1,2-Dichlorobenzene	**0.0022 U**	mg/kg	0.0043	0.0022	1		10/02/15 05:41	95-50-1	
1,4-Dichlorobenzene	**0.0022 U**	mg/kg	0.0043	0.0022	1		10/02/15 05:41	106-46-7	
trans-1,4-Dichloro-2-butene	**0.0022 U**	mg/kg	0.0043	0.0022	1		10/02/15 05:41	110-57-6	
1,1-Dichloroethane	**0.0024 U**	mg/kg	0.0043	0.0024	1		10/02/15 05:41	75-34-3	
1,2-Dichloroethane	**0.0022 U**	mg/kg	0.0043	0.0022	1		10/02/15 05:41	107-06-2	
1,2-Dichloroethene (Total)	**0.0026 U**	mg/kg	0.0043	0.0026	1		10/02/15 05:41	540-59-0	
1,1-Dichloroethene	**0.0022 U**	mg/kg	0.0043	0.0022	1		10/02/15 05:41	75-35-4	
cis-1,2-Dichloroethene	**0.0022 U**	mg/kg	0.0043	0.0022	1		10/02/15 05:41	156-59-2	
trans-1,2-Dichloroethene	**0.0026 U**	mg/kg	0.0043	0.0026	1		10/02/15 05:41	156-60-5	
1,2-Dichloropropane	**0.0022 U**	mg/kg	0.0043	0.0022	1		10/02/15 05:41	78-87-5	
cis-1,3-Dichloropropene	**0.0022 U**	mg/kg	0.0043	0.0022	1		10/02/15 05:41	10061-01-5	
trans-1,3-Dichloropropene	**0.0022 U**	mg/kg	0.0043	0.0022	1		10/02/15 05:41	10061-02-6	
Ethylbenzene	**0.0024 U**	mg/kg	0.0043	0.0024	1		10/02/15 05:41	100-41-4	
2-Hexanone	**0.0022 U**	mg/kg	0.0043	0.0022	1		10/02/15 05:41	591-78-6	
Iodomethane	**0.0022 U**	mg/kg	0.0043	0.0022	1		10/02/15 05:41	74-88-4	
Isopropylbenzene (Cumene)	**0.0025 U**	mg/kg	0.0043	0.0025	1		10/02/15 05:41	98-82-8	
Methylene Chloride	**0.0022 U**	mg/kg	0.0043	0.0022	1		10/02/15 05:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	**0.0022 U**	mg/kg	0.0043	0.0022	1		10/02/15 05:41	108-10-1	
Methyl-tert-butyl ether	**0.0022 U**	mg/kg	0.0043	0.0022	1		10/02/15 05:41	1634-04-4	
Styrene	**0.0022 U**	mg/kg	0.0043	0.0022	1		10/02/15 05:41	100-42-5	
1,1,1,2-Tetrachloroethane	**0.0022 U**	mg/kg	0.0043	0.0022	1		10/02/15 05:41	630-20-6	
1,1,2,2-Tetrachloroethane	**0.0022 U**	mg/kg	0.0043	0.0022	1		10/02/15 05:41	79-34-5	
Tetrachloroethene	**0.0022 U**	mg/kg	0.0043	0.0022	1		10/02/15 05:41	127-18-4	
Toluene	**0.0023 U**	mg/kg	0.0043	0.0023	1		10/02/15 05:41	108-88-3	
1,1,1-Trichloroethane	**0.0024 U**	mg/kg	0.0043	0.0024	1		10/02/15 05:41	71-55-6	
1,1,2-Trichloroethane	**0.0022 U**	mg/kg	0.0043	0.0022	1		10/02/15 05:41	79-00-5	
Trichloroethene	**0.0024 U**	mg/kg	0.0043	0.0024	1		10/02/15 05:41	79-01-6	
Trichlorofluoromethane	**0.0023 U**	mg/kg	0.0043	0.0023	1		10/02/15 05:41	75-69-4	
1,2,3-Trichloropropane	**0.0022 U**	mg/kg	0.0043	0.0022	1		10/02/15 05:41	96-18-4	
Vinyl acetate	**0.0022 U**	mg/kg	0.0043	0.0022	1		10/02/15 05:41	108-05-4	
Vinyl chloride	**0.0023 U**	mg/kg	0.0043	0.0023	1		10/02/15 05:41	75-01-4	
Xylene (Total)	**0.0044 U**	mg/kg	0.013	0.0044	1		10/02/15 05:41	1330-20-7	
m&p-Xylene	**0.0044 U**	mg/kg	0.0086	0.0044	1		10/02/15 05:41	179601-23-1	
o-Xylene	**0.0022 U**	mg/kg	0.0043	0.0022	1		10/02/15 05:41	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	55-148		1		10/02/15 05:41	460-00-4	
1,2-Dichloroethane-d4 (S)	111	%	80-131		1		10/02/15 05:41	17060-07-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Building 517 (CCFTB-038)
Pace Project No.: 35209602

Sample: SS-032-0.5' **Lab ID: 35209602007** Collected: 09/29/15 11:12 Received: 09/30/15 11:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260								
Surrogates									
Toluene-d8 (S)	94	%	84-117		1		10/02/15 05:41	2037-26-5	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**6.5**	%	0.10	0.10	1		10/06/15 10:35		

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ANALYTICAL RESULTS

Project: Building 517 (CCFTB-038)
Pace Project No.: 35209602

Sample: SS-033-0.5' **Lab ID: 35209602008** Collected: 09/29/15 11:20 Received: 09/30/15 11:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015M DRO/ORO Organics	Analytical Method: EPA 8015B Modified Preparation Method: EPA 3546								
Diesel Range Organic (C10-C28)	**7.4 I**	mg/kg	10.9		1	10/05/15 09:10	10/06/15 21:50		
Surrogates									
o-Terphenyl (S)	57	%.	16-127		1	10/05/15 09:10	10/06/15 21:50	84-15-1	
n-Pentacosane (S)	73	%.	16-147		1	10/05/15 09:10	10/06/15 21:50	629-99-2	
8021 GCV BTEX, MTBE, GRO Med L	Analytical Method: EPA 8015/8021 Preparation Method: EPA 5035A/5030B								
Gasoline Range Organics	**1.2 I**	mg/kg	2.3	0.32	1	10/08/15 14:00	10/08/15 20:57		
Surrogates									
4-Bromofluorobenzene (S)	95	%.	44-148		1	10/08/15 14:00	10/08/15 20:57	460-00-4	
8270 MSSV Short List Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	**0.0053 U**	mg/kg	0.036	0.0053	1	10/01/15 19:20	10/02/15 09:58	83-32-9	
Acenaphthylene	**0.0038 U**	mg/kg	0.036	0.0038	1	10/01/15 19:20	10/02/15 09:58	208-96-8	
Anthracene	**0.0070 I**	mg/kg	0.036	0.0050	1	10/01/15 19:20	10/02/15 09:58	120-12-7	
Benzo(a)anthracene	**0.036 I**	mg/kg	0.036	0.0044	1	10/01/15 19:20	10/02/15 09:58	56-55-3	
Benzo(a)pyrene	**0.032 I**	mg/kg	0.036	0.0042	1	10/01/15 19:20	10/02/15 09:58	50-32-8	
Benzo(b)fluoranthene	**0.039**	mg/kg	0.036	0.027	1	10/01/15 19:20	10/02/15 09:58	205-99-2	
Benzo(g,h,i)perylene	**0.039**	mg/kg	0.036	0.0042	1	10/01/15 19:20	10/02/15 09:58	191-24-2	
Benzo(k)fluoranthene	**0.020 I**	mg/kg	0.036	0.0078	1	10/01/15 19:20	10/02/15 09:58	207-08-9	
Chrysene	**0.033 I**	mg/kg	0.036	0.0043	1	10/01/15 19:20	10/02/15 09:58	218-01-9	
Dibenz(a,h)anthracene	**0.0055 U**	mg/kg	0.036	0.0055	1	10/01/15 19:20	10/02/15 09:58	53-70-3	
Fluoranthene	**0.057**	mg/kg	0.036	0.0049	1	10/01/15 19:20	10/02/15 09:58	206-44-0	
Fluorene	**0.0047 U**	mg/kg	0.036	0.0047	1	10/01/15 19:20	10/02/15 09:58	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.021 I**	mg/kg	0.036	0.0063	1	10/01/15 19:20	10/02/15 09:58	193-39-5	
1-Methylnaphthalene	**0.0060 U**	mg/kg	0.036	0.0060	1	10/01/15 19:20	10/02/15 09:58	90-12-0	
2-Methylnaphthalene	**0.0048 U**	mg/kg	0.036	0.0048	1	10/01/15 19:20	10/02/15 09:58	91-57-6	
Naphthalene	**0.012 U**	mg/kg	0.036	0.012	1	10/01/15 19:20	10/02/15 09:58	91-20-3	
Phenanthrene	**0.027 I**	mg/kg	0.036	0.014	1	10/01/15 19:20	10/02/15 09:58	85-01-8	
Pyrene	**0.056**	mg/kg	0.036	0.0038	1	10/01/15 19:20	10/02/15 09:58	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	19	%	10-110		1	10/01/15 19:20	10/02/15 09:58	4165-60-0	
2-Fluorobiphenyl (S)	25	%	18-110		1	10/01/15 19:20	10/02/15 09:58	321-60-8	
Terphenyl-d14 (S)	27	%	10-123		1	10/01/15 19:20	10/02/15 09:58	1718-51-0	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260								
Acetone	**0.0097 U**	mg/kg	0.019	0.0097	1		10/02/15 06:06	67-64-1	
Acetonitrile	**0.024 U**	mg/kg	0.048	0.024	1		10/02/15 06:06	75-05-8	
Benzene	**0.0025 U**	mg/kg	0.0048	0.0025	1		10/02/15 06:06	71-43-2	
Bromochloromethane	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 06:06	74-97-5	
Bromodichloromethane	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 06:06	75-27-4	
Bromoform	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 06:06	75-25-2	
Bromomethane	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 06:06	74-83-9	
2-Butanone (MEK)	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 06:06	78-93-3	
Carbon disulfide	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 06:06	75-15-0	
Carbon tetrachloride	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 06:06	56-23-5	

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ANALYTICAL RESULTS

Project: Building 517 (CCFTB-038)
Pace Project No.: 35209602

Sample: SS-033-0.5' **Lab ID: 35209602008** Collected: 09/29/15 11:20 Received: 09/30/15 11:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260								
Chlorobenzene	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 06:06	108-90-7	
Chloroethane	**0.0035 U**	mg/kg	0.0048	0.0035	1		10/02/15 06:06	75-00-3	
Chloroform	**0.0029 U**	mg/kg	0.0048	0.0029	1		10/02/15 06:06	67-66-3	
Chloromethane	**0.0027 U**	mg/kg	0.0048	0.0027	1		10/02/15 06:06	74-87-3	
1,2-Dibromo-3-chloropropane	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 06:06	96-12-8	
Dibromochloromethane	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 06:06	124-48-1	
1,2-Dibromoethane (EDB)	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 06:06	106-93-4	
Dibromomethane	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 06:06	74-95-3	
1,2-Dichlorobenzene	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 06:06	95-50-1	
1,4-Dichlorobenzene	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 06:06	106-46-7	
trans-1,4-Dichloro-2-butene	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 06:06	110-57-6	
1,1-Dichloroethane	**0.0026 U**	mg/kg	0.0048	0.0026	1		10/02/15 06:06	75-34-3	
1,2-Dichloroethane	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 06:06	107-06-2	
1,2-Dichloroethene (Total)	**0.0030 U**	mg/kg	0.0048	0.0030	1		10/02/15 06:06	540-59-0	
1,1-Dichloroethene	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 06:06	75-35-4	
cis-1,2-Dichloroethene	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 06:06	156-59-2	
trans-1,2-Dichloroethene	**0.0030 U**	mg/kg	0.0048	0.0030	1		10/02/15 06:06	156-60-5	
1,2-Dichloropropane	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 06:06	78-87-5	
cis-1,3-Dichloropropene	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 06:06	10061-01-5	
trans-1,3-Dichloropropene	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 06:06	10061-02-6	
Ethylbenzene	**0.0027 U**	mg/kg	0.0048	0.0027	1		10/02/15 06:06	100-41-4	
2-Hexanone	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 06:06	591-78-6	
Iodomethane	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 06:06	74-88-4	
Isopropylbenzene (Cumene)	**0.0028 U**	mg/kg	0.0048	0.0028	1		10/02/15 06:06	98-82-8	
Methylene Chloride	**0.0027 I**	mg/kg	0.0048	0.0024	1		10/02/15 06:06	75-09-2	
4-Methyl-2-pentanone (MIBK)	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 06:06	108-10-1	
Methyl-tert-butyl ether	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 06:06	1634-04-4	
Styrene	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 06:06	100-42-5	
1,1,1,2-Tetrachloroethane	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 06:06	630-20-6	
1,1,2,2-Tetrachloroethane	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 06:06	79-34-5	
Tetrachloroethene	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 06:06	127-18-4	
Toluene	**0.0026 U**	mg/kg	0.0048	0.0026	1		10/02/15 06:06	108-88-3	
1,1,1-Trichloroethane	**0.0027 U**	mg/kg	0.0048	0.0027	1		10/02/15 06:06	71-55-6	
1,1,2-Trichloroethane	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 06:06	79-00-5	
Trichloroethene	**0.0027 U**	mg/kg	0.0048	0.0027	1		10/02/15 06:06	79-01-6	
Trichlorofluoromethane	**0.0026 U**	mg/kg	0.0048	0.0026	1		10/02/15 06:06	75-69-4	
1,2,3-Trichloropropane	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 06:06	96-18-4	
Vinyl acetate	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 06:06	108-05-4	
Vinyl chloride	**0.0026 U**	mg/kg	0.0048	0.0026	1		10/02/15 06:06	75-01-4	
Xylene (Total)	**0.0050 U**	mg/kg	0.015	0.0050	1		10/02/15 06:06	1330-20-7	
m&p-Xylene	**0.0050 U**	mg/kg	0.0097	0.0050	1		10/02/15 06:06	179601-23-1	
o-Xylene	**0.0025 U**	mg/kg	0.0048	0.0025	1		10/02/15 06:06	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	55-148		1		10/02/15 06:06	460-00-4	
1,2-Dichloroethane-d4 (S)	113	%	80-131		1		10/02/15 06:06	17060-07-0	

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ANALYTICAL RESULTS

Project: Building 517 (CCFTB-038)
Pace Project No.: 35209602

Sample: SS-033-0.5' **Lab ID: 35209602008** Collected: 09/29/15 11:20 Received: 09/30/15 11:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260								
Surrogates									
Toluene-d8 (S)	93	%	84-117		1		10/02/15 06:06	2037-26-5	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**8.3**	%	0.10	0.10	1		10/06/15 10:35		

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ANALYTICAL RESULTS

Project: Building 517 (CCFTB-038)
Pace Project No.: 35209602

Sample: SS-034-1' **Lab ID: 35209602009** Collected: 09/29/15 11:30 Received: 09/30/15 11:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015M DRO/ORO Organics	Analytical Method: EPA 8015B Modified Preparation Method: EPA 3546								
Diesel Range Organic (C10-C28)	**42.3**	mg/kg	12.4		1	10/05/15 09:10	10/06/15 23:41		
Surrogates									
o-Terphenyl (S)	89	%.	16-127		1	10/05/15 09:10	10/06/15 23:41	84-15-1	
n-Pentacosane (S)	123	%.	16-147		1	10/05/15 09:10	10/06/15 23:41	629-99-2	
8021 GCV BTEX, MTBE, GRO Med L	Analytical Method: EPA 8015/8021 Preparation Method: EPA 5035A/5030B								
Gasoline Range Organics	**1.6 I**	mg/kg	3.1	0.44	1	10/08/15 14:00	10/08/15 21:23		
Surrogates									
4-Bromofluorobenzene (S)	95	%.	44-148		1	10/08/15 14:00	10/08/15 21:23	460-00-4	
8270 MSSV Short List Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	**0.038 U**	mg/kg	0.26	0.038	1	10/01/15 19:20	10/02/15 10:21	83-32-9	
Acenaphthylene	**0.027 U**	mg/kg	0.26	0.027	1	10/01/15 19:20	10/02/15 10:21	208-96-8	
Anthracene	**0.036 U**	mg/kg	0.26	0.036	1	10/01/15 19:20	10/02/15 10:21	120-12-7	
Benzo(a)anthracene	**0.031 U**	mg/kg	0.26	0.031	1	10/01/15 19:20	10/02/15 10:21	56-55-3	
Benzo(a)pyrene	**0.030 U**	mg/kg	0.26	0.030	1	10/01/15 19:20	10/02/15 10:21	50-32-8	
Benzo(b)fluoranthene	**0.20 U**	mg/kg	0.26	0.20	1	10/01/15 19:20	10/02/15 10:21	205-99-2	
Benzo(g,h,i)perylene	**0.030 U**	mg/kg	0.26	0.030	1	10/01/15 19:20	10/02/15 10:21	191-24-2	
Benzo(k)fluoranthene	**0.056 U**	mg/kg	0.26	0.056	1	10/01/15 19:20	10/02/15 10:21	207-08-9	
Chrysene	**0.031 U**	mg/kg	0.26	0.031	1	10/01/15 19:20	10/02/15 10:21	218-01-9	
Dibenz(a,h)anthracene	**0.040 U**	mg/kg	0.26	0.040	1	10/01/15 19:20	10/02/15 10:21	53-70-3	
Fluoranthene	**0.035 U**	mg/kg	0.26	0.035	1	10/01/15 19:20	10/02/15 10:21	206-44-0	
Fluorene	**0.034 U**	mg/kg	0.26	0.034	1	10/01/15 19:20	10/02/15 10:21	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.045 U**	mg/kg	0.26	0.045	1	10/01/15 19:20	10/02/15 10:21	193-39-5	
1-Methylnaphthalene	**0.043 U**	mg/kg	0.26	0.043	1	10/01/15 19:20	10/02/15 10:21	90-12-0	
2-Methylnaphthalene	**0.034 U**	mg/kg	0.26	0.034	1	10/01/15 19:20	10/02/15 10:21	91-57-6	
Naphthalene	**0.084 U**	mg/kg	0.26	0.084	1	10/01/15 19:20	10/02/15 10:21	91-20-3	
Phenanthrene	**0.098 U**	mg/kg	0.26	0.098	1	10/01/15 19:20	10/02/15 10:21	85-01-8	
Pyrene	**0.027 U**	mg/kg	0.26	0.027	1	10/01/15 19:20	10/02/15 10:21	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	43	%	10-110		1	10/01/15 19:20	10/02/15 10:21	4165-60-0	
2-Fluorobiphenyl (S)	57	%	18-110		1	10/01/15 19:20	10/02/15 10:21	321-60-8	
Terphenyl-d14 (S)	70	%	10-123		1	10/01/15 19:20	10/02/15 10:21	1718-51-0	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260								
Acetone	**0.048**	mg/kg	0.019	0.0096	1		10/02/15 06:32	67-64-1	
Acetonitrile	**0.024 U**	mg/kg	0.048	0.024	1		10/02/15 06:32	75-05-8	
Benzene	**0.0025 U**	mg/kg	0.0048	0.0025	1		10/02/15 06:32	71-43-2	
Bromochloromethane	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 06:32	74-97-5	
Bromodichloromethane	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 06:32	75-27-4	
Bromoform	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 06:32	75-25-2	
Bromomethane	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 06:32	74-83-9	
2-Butanone (MEK)	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 06:32	78-93-3	
Carbon disulfide	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 06:32	75-15-0	
Carbon tetrachloride	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 06:32	56-23-5	

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(386)672-5668

ANALYTICAL RESULTS

Project: Building 517 (CCFTB-038)
Pace Project No.: 35209602

Sample: SS-034-1' **Lab ID: 35209602009** Collected: 09/29/15 11:30 Received: 09/30/15 11:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260								
Chlorobenzene	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 06:32	108-90-7	
Chloroethane	**0.0034 U**	mg/kg	0.0048	0.0034	1		10/02/15 06:32	75-00-3	
Chloroform	**0.0028 U**	mg/kg	0.0048	0.0028	1		10/02/15 06:32	67-66-3	
Chloromethane	**0.0027 U**	mg/kg	0.0048	0.0027	1		10/02/15 06:32	74-87-3	
1,2-Dibromo-3-chloropropane	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 06:32	96-12-8	
Dibromochloromethane	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 06:32	124-48-1	
1,2-Dibromoethane (EDB)	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 06:32	106-93-4	
Dibromomethane	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 06:32	74-95-3	
1,2-Dichlorobenzene	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 06:32	95-50-1	
1,4-Dichlorobenzene	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 06:32	106-46-7	
trans-1,4-Dichloro-2-butene	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 06:32	110-57-6	
1,1-Dichloroethane	**0.0026 U**	mg/kg	0.0048	0.0026	1		10/02/15 06:32	75-34-3	
1,2-Dichloroethane	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 06:32	107-06-2	
1,2-Dichloroethene (Total)	**0.0029 U**	mg/kg	0.0048	0.0029	1		10/02/15 06:32	540-59-0	
1,1-Dichloroethene	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 06:32	75-35-4	
cis-1,2-Dichloroethene	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 06:32	156-59-2	
trans-1,2-Dichloroethene	**0.0029 U**	mg/kg	0.0048	0.0029	1		10/02/15 06:32	156-60-5	
1,2-Dichloropropane	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 06:32	78-87-5	
cis-1,3-Dichloropropene	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 06:32	10061-01-5	
trans-1,3-Dichloropropene	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 06:32	10061-02-6	
Ethylbenzene	**0.0027 U**	mg/kg	0.0048	0.0027	1		10/02/15 06:32	100-41-4	
2-Hexanone	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 06:32	591-78-6	
Iodomethane	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 06:32	74-88-4	
Isopropylbenzene (Cumene)	**0.0028 U**	mg/kg	0.0048	0.0028	1		10/02/15 06:32	98-82-8	
Methylene Chloride	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 06:32	75-09-2	
4-Methyl-2-pentanone (MIBK)	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 06:32	108-10-1	
Methyl-tert-butyl ether	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 06:32	1634-04-4	
Styrene	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 06:32	100-42-5	
1,1,1,2-Tetrachloroethane	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 06:32	630-20-6	
1,1,2,2-Tetrachloroethane	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 06:32	79-34-5	
Tetrachloroethene	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 06:32	127-18-4	
Toluene	**0.0026 U**	mg/kg	0.0048	0.0026	1		10/02/15 06:32	108-88-3	
1,1,1-Trichloroethane	**0.0026 U**	mg/kg	0.0048	0.0026	1		10/02/15 06:32	71-55-6	
1,1,2-Trichloroethane	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 06:32	79-00-5	
Trichloroethene	**0.0027 U**	mg/kg	0.0048	0.0027	1		10/02/15 06:32	79-01-6	
Trichlorofluoromethane	**0.0026 U**	mg/kg	0.0048	0.0026	1		10/02/15 06:32	75-69-4	
1,2,3-Trichloropropane	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 06:32	96-18-4	
Vinyl acetate	**0.0024 U**	mg/kg	0.0048	0.0024	1		10/02/15 06:32	108-05-4	
Vinyl chloride	**0.0026 U**	mg/kg	0.0048	0.0026	1		10/02/15 06:32	75-01-4	
Xylene (Total)	**0.0049 U**	mg/kg	0.014	0.0049	1		10/02/15 06:32	1330-20-7	
m&p-Xylene	**0.0049 U**	mg/kg	0.0096	0.0049	1		10/02/15 06:32	179601-23-1	
o-Xylene	**0.0025 U**	mg/kg	0.0048	0.0025	1		10/02/15 06:32	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	55-148		1		10/02/15 06:32	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	80-131		1		10/02/15 06:32	17060-07-0	

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ANALYTICAL RESULTS

Project: Building 517 (CCFTB-038)
Pace Project No.: 35209602

Sample: SS-034-1' **Lab ID: 35209602009** Collected: 09/29/15 11:30 Received: 09/30/15 11:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260								
Surrogates									
Toluene-d8 (S)	96	%	84-117		1		10/02/15 06:32	2037-26-5	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**19.7**	%	0.10	0.10	1		10/06/15 10:35		

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ANALYTICAL RESULTS

Project: Building 517 (CCFTB-038)
Pace Project No.: 35209602

Sample: SS-035-2.5' **Lab ID: 35209602010** Collected: 09/29/15 11:40 Received: 09/30/15 11:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015M DRO/ORO Organics	Analytical Method: EPA 8015B Modified Preparation Method: EPA 3546								
Diesel Range Organic (C10-C28)	**3.9 I**	mg/kg	12.4		1	10/05/15 09:10	10/06/15 22:18		
Surrogates									
o-Terphenyl (S)	50	%.	16-127		1	10/05/15 09:10	10/06/15 22:18	84-15-1	
n-Pentacosane (S)	66	%.	16-147		1	10/05/15 09:10	10/06/15 22:18	629-99-2	
8021 GCV BTEX, MTBE, GRO Med L	Analytical Method: EPA 8015/8021 Preparation Method: EPA 5035A/5030B								
Gasoline Range Organics	**1.8 I**	mg/kg	3.4	0.47	1	10/08/15 14:00	10/08/15 21:49		
Surrogates									
4-Bromofluorobenzene (S)	96	%.	44-148		1	10/08/15 14:00	10/08/15 21:49	460-00-4	
8270 MSSV Short List Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	**0.037 U**	mg/kg	0.25	0.037	1	10/01/15 19:20	10/02/15 10:44	83-32-9	
Acenaphthylene	**0.026 U**	mg/kg	0.25	0.026	1	10/01/15 19:20	10/02/15 10:44	208-96-8	
Anthracene	**0.035 U**	mg/kg	0.25	0.035	1	10/01/15 19:20	10/02/15 10:44	120-12-7	
Benzo(a)anthracene	**0.030 U**	mg/kg	0.25	0.030	1	10/01/15 19:20	10/02/15 10:44	56-55-3	
Benzo(a)pyrene	**0.029 U**	mg/kg	0.25	0.029	1	10/01/15 19:20	10/02/15 10:44	50-32-8	
Benzo(b)fluoranthene	**0.19 U**	mg/kg	0.25	0.19	1	10/01/15 19:20	10/02/15 10:44	205-99-2	
Benzo(g,h,i)perylene	**0.029 U**	mg/kg	0.25	0.029	1	10/01/15 19:20	10/02/15 10:44	191-24-2	
Benzo(k)fluoranthene	**0.054 U**	mg/kg	0.25	0.054	1	10/01/15 19:20	10/02/15 10:44	207-08-9	
Chrysene	**0.030 U**	mg/kg	0.25	0.030	1	10/01/15 19:20	10/02/15 10:44	218-01-9	
Dibenz(a,h)anthracene	**0.039 U**	mg/kg	0.25	0.039	1	10/01/15 19:20	10/02/15 10:44	53-70-3	
Fluoranthene	**0.034 U**	mg/kg	0.25	0.034	1	10/01/15 19:20	10/02/15 10:44	206-44-0	
Fluorene	**0.033 U**	mg/kg	0.25	0.033	1	10/01/15 19:20	10/02/15 10:44	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.044 U**	mg/kg	0.25	0.044	1	10/01/15 19:20	10/02/15 10:44	193-39-5	
1-Methylnaphthalene	**0.042 U**	mg/kg	0.25	0.042	1	10/01/15 19:20	10/02/15 10:44	90-12-0	
2-Methylnaphthalene	**0.033 U**	mg/kg	0.25	0.033	1	10/01/15 19:20	10/02/15 10:44	91-57-6	
Naphthalene	**0.082 U**	mg/kg	0.25	0.082	1	10/01/15 19:20	10/02/15 10:44	91-20-3	
Phenanthrene	**0.095 U**	mg/kg	0.25	0.095	1	10/01/15 19:20	10/02/15 10:44	85-01-8	
Pyrene	**0.027 U**	mg/kg	0.25	0.027	1	10/01/15 19:20	10/02/15 10:44	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	62	%	10-110		1	10/01/15 19:20	10/02/15 10:44	4165-60-0	
2-Fluorobiphenyl (S)	79	%	18-110		1	10/01/15 19:20	10/02/15 10:44	321-60-8	
Terphenyl-d14 (S)	87	%	10-123		1	10/01/15 19:20	10/02/15 10:44	1718-51-0	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260								
Acetone	**0.036**	mg/kg	0.021	0.010	1		10/02/15 06:58	67-64-1	
Acetonitrile	**0.026 U**	mg/kg	0.052	0.026	1		10/02/15 06:58	75-05-8	
Benzene	**0.0027 U**	mg/kg	0.0052	0.0027	1		10/02/15 06:58	71-43-2	
Bromochloromethane	**0.0026 U**	mg/kg	0.0052	0.0026	1		10/02/15 06:58	74-97-5	
Bromodichloromethane	**0.0026 U**	mg/kg	0.0052	0.0026	1		10/02/15 06:58	75-27-4	
Bromoform	**0.0026 U**	mg/kg	0.0052	0.0026	1		10/02/15 06:58	75-25-2	
Bromomethane	**0.0026 U**	mg/kg	0.0052	0.0026	1		10/02/15 06:58	74-83-9	
2-Butanone (MEK)	**0.0026 U**	mg/kg	0.0052	0.0026	1		10/02/15 06:58	78-93-3	
Carbon disulfide	**0.0026 U**	mg/kg	0.0052	0.0026	1		10/02/15 06:58	75-15-0	
Carbon tetrachloride	**0.0026 U**	mg/kg	0.0052	0.0026	1		10/02/15 06:58	56-23-5	

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ANALYTICAL RESULTS

Project: Building 517 (CCFTB-038)
Pace Project No.: 35209602

Sample: SS-035-2.5' **Lab ID: 35209602010** Collected: 09/29/15 11:40 Received: 09/30/15 11:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260								
Chlorobenzene	**0.0026 U**	mg/kg	0.0052	0.0026	1		10/02/15 06:58	108-90-7	
Chloroethane	**0.0037 U**	mg/kg	0.0052	0.0037	1		10/02/15 06:58	75-00-3	
Chloroform	**0.0031 U**	mg/kg	0.0052	0.0031	1		10/02/15 06:58	67-66-3	
Chloromethane	**0.0029 U**	mg/kg	0.0052	0.0029	1		10/02/15 06:58	74-87-3	
1,2-Dibromo-3-chloropropane	**0.0026 U**	mg/kg	0.0052	0.0026	1		10/02/15 06:58	96-12-8	
Dibromochloromethane	**0.0026 U**	mg/kg	0.0052	0.0026	1		10/02/15 06:58	124-48-1	
1,2-Dibromoethane (EDB)	**0.0026 U**	mg/kg	0.0052	0.0026	1		10/02/15 06:58	106-93-4	
Dibromomethane	**0.0026 U**	mg/kg	0.0052	0.0026	1		10/02/15 06:58	74-95-3	
1,2-Dichlorobenzene	**0.0026 U**	mg/kg	0.0052	0.0026	1		10/02/15 06:58	95-50-1	
1,4-Dichlorobenzene	**0.0026 U**	mg/kg	0.0052	0.0026	1		10/02/15 06:58	106-46-7	
trans-1,4-Dichloro-2-butene	**0.0026 U**	mg/kg	0.0052	0.0026	1		10/02/15 06:58	110-57-6	
1,1-Dichloroethane	**0.0028 U**	mg/kg	0.0052	0.0028	1		10/02/15 06:58	75-34-3	
1,2-Dichloroethane	**0.0026 U**	mg/kg	0.0052	0.0026	1		10/02/15 06:58	107-06-2	
1,2-Dichloroethene (Total)	**0.0032 U**	mg/kg	0.0052	0.0032	1		10/02/15 06:58	540-59-0	
1,1-Dichloroethene	**0.0026 U**	mg/kg	0.0052	0.0026	1		10/02/15 06:58	75-35-4	
cis-1,2-Dichloroethene	**0.0026 U**	mg/kg	0.0052	0.0026	1		10/02/15 06:58	156-59-2	
trans-1,2-Dichloroethene	**0.0032 U**	mg/kg	0.0052	0.0032	1		10/02/15 06:58	156-60-5	
1,2-Dichloropropane	**0.0026 U**	mg/kg	0.0052	0.0026	1		10/02/15 06:58	78-87-5	
cis-1,3-Dichloropropene	**0.0026 U**	mg/kg	0.0052	0.0026	1		10/02/15 06:58	10061-01-5	
trans-1,3-Dichloropropene	**0.0026 U**	mg/kg	0.0052	0.0026	1		10/02/15 06:58	10061-02-6	
Ethylbenzene	**0.0029 U**	mg/kg	0.0052	0.0029	1		10/02/15 06:58	100-41-4	
2-Hexanone	**0.0026 U**	mg/kg	0.0052	0.0026	1		10/02/15 06:58	591-78-6	
Iodomethane	**0.0026 U**	mg/kg	0.0052	0.0026	1		10/02/15 06:58	74-88-4	
Isopropylbenzene (Cumene)	**0.0030 U**	mg/kg	0.0052	0.0030	1		10/02/15 06:58	98-82-8	
Methylene Chloride	**0.0029 I**	mg/kg	0.0052	0.0026	1		10/02/15 06:58	75-09-2	
4-Methyl-2-pentanone (MIBK)	**0.0026 U**	mg/kg	0.0052	0.0026	1		10/02/15 06:58	108-10-1	
Methyl-tert-butyl ether	**0.0026 U**	mg/kg	0.0052	0.0026	1		10/02/15 06:58	1634-04-4	
Styrene	**0.0026 U**	mg/kg	0.0052	0.0026	1		10/02/15 06:58	100-42-5	
1,1,1,2-Tetrachloroethane	**0.0026 U**	mg/kg	0.0052	0.0026	1		10/02/15 06:58	630-20-6	
1,1,2,2-Tetrachloroethane	**0.0026 U**	mg/kg	0.0052	0.0026	1		10/02/15 06:58	79-34-5	
Tetrachloroethene	**0.0026 U**	mg/kg	0.0052	0.0026	1		10/02/15 06:58	127-18-4	
Toluene	**0.0028 U**	mg/kg	0.0052	0.0028	1		10/02/15 06:58	108-88-3	
1,1,1-Trichloroethane	**0.0029 U**	mg/kg	0.0052	0.0029	1		10/02/15 06:58	71-55-6	
1,1,2-Trichloroethane	**0.0026 U**	mg/kg	0.0052	0.0026	1		10/02/15 06:58	79-00-5	
Trichloroethene	**0.0029 U**	mg/kg	0.0052	0.0029	1		10/02/15 06:58	79-01-6	
Trichlorofluoromethane	**0.0028 U**	mg/kg	0.0052	0.0028	1		10/02/15 06:58	75-69-4	
1,2,3-Trichloropropane	**0.0026 U**	mg/kg	0.0052	0.0026	1		10/02/15 06:58	96-18-4	
Vinyl acetate	**0.0026 U**	mg/kg	0.0052	0.0026	1		10/02/15 06:58	108-05-4	
Vinyl chloride	**0.0028 U**	mg/kg	0.0052	0.0028	1		10/02/15 06:58	75-01-4	
Xylene (Total)	**0.0054 U**	mg/kg	0.016	0.0054	1		10/02/15 06:58	1330-20-7	
m&p-Xylene	**0.0054 U**	mg/kg	0.010	0.0054	1		10/02/15 06:58	179601-23-1	
o-Xylene	**0.0027 U**	mg/kg	0.0052	0.0027	1		10/02/15 06:58	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	55-148		1		10/02/15 06:58	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	80-131		1		10/02/15 06:58	17060-07-0	

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ANALYTICAL RESULTS

Project: Building 517 (CCFTB-038)
Pace Project No.: 35209602

Sample: SS-035-2.5' **Lab ID: 35209602010** Collected: 09/29/15 11:40 Received: 09/30/15 11:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260								
Surrogates									
Toluene-d8 (S)	97	%	84-117		1		10/02/15 06:58	2037-26-5	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**20.0**	%	0.10	0.10	1		10/06/15 10:35		

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ANALYTICAL RESULTS

Project: Building 517 (CCFTB-038)
Pace Project No.: 35209602

Sample: SS-036-1' **Lab ID: 35209602011** Collected: 09/29/15 11:55 Received: 09/30/15 11:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015M DRO/ORO Organics	Analytical Method: EPA 8015B Modified Preparation Method: EPA 3546								
Diesel Range Organic (C10-C28)	**8.7 I**	mg/kg	11.5		1	10/05/15 09:10	10/06/15 22:45		
Surrogates									
o-Terphenyl (S)	57	%.	16-127		1	10/05/15 09:10	10/06/15 22:45	84-15-1	
n-Pentacosane (S)	79	%.	16-147		1	10/05/15 09:10	10/06/15 22:45	629-99-2	
8021 GCV BTEX, MTBE, GRO Med L	Analytical Method: EPA 8015/8021 Preparation Method: EPA 5035A/5030B								
Gasoline Range Organics	**1.7 I**	mg/kg	3.3	0.46	1	10/08/15 14:00	10/08/15 22:15		
Surrogates									
4-Bromofluorobenzene (S)	95	%.	44-148		1	10/08/15 14:00	10/08/15 22:15	460-00-4	
8270 MSSV Short List Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	**0.036 U**	mg/kg	0.24	0.036	1	10/01/15 19:20	10/02/15 11:07	83-32-9	
Acenaphthylene	**0.025 U**	mg/kg	0.24	0.025	1	10/01/15 19:20	10/02/15 11:07	208-96-8	
Anthracene	**0.033 U**	mg/kg	0.24	0.033	1	10/01/15 19:20	10/02/15 11:07	120-12-7	
Benzo(a)anthracene	**0.029 U**	mg/kg	0.24	0.029	1	10/01/15 19:20	10/02/15 11:07	56-55-3	
Benzo(a)pyrene	**0.028 U**	mg/kg	0.24	0.028	1	10/01/15 19:20	10/02/15 11:07	50-32-8	
Benzo(b)fluoranthene	**0.18 U**	mg/kg	0.24	0.18	1	10/01/15 19:20	10/02/15 11:07	205-99-2	
Benzo(g,h,i)perylene	**0.028 U**	mg/kg	0.24	0.028	1	10/01/15 19:20	10/02/15 11:07	191-24-2	
Benzo(k)fluoranthene	**0.052 U**	mg/kg	0.24	0.052	1	10/01/15 19:20	10/02/15 11:07	207-08-9	
Chrysene	**0.029 U**	mg/kg	0.24	0.029	1	10/01/15 19:20	10/02/15 11:07	218-01-9	
Dibenz(a,h)anthracene	**0.037 U**	mg/kg	0.24	0.037	1	10/01/15 19:20	10/02/15 11:07	53-70-3	
Fluoranthene	**0.033 U**	mg/kg	0.24	0.033	1	10/01/15 19:20	10/02/15 11:07	206-44-0	
Fluorene	**0.031 U**	mg/kg	0.24	0.031	1	10/01/15 19:20	10/02/15 11:07	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.042 U**	mg/kg	0.24	0.042	1	10/01/15 19:20	10/02/15 11:07	193-39-5	
1-Methylnaphthalene	**0.040 U**	mg/kg	0.24	0.040	1	10/01/15 19:20	10/02/15 11:07	90-12-0	
2-Methylnaphthalene	**0.032 U**	mg/kg	0.24	0.032	1	10/01/15 19:20	10/02/15 11:07	91-57-6	
Naphthalene	**0.078 U**	mg/kg	0.24	0.078	1	10/01/15 19:20	10/02/15 11:07	91-20-3	
Phenanthrene	**0.091 U**	mg/kg	0.24	0.091	1	10/01/15 19:20	10/02/15 11:07	85-01-8	
Pyrene	**0.026 U**	mg/kg	0.24	0.026	1	10/01/15 19:20	10/02/15 11:07	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	67	%	10-110		1	10/01/15 19:20	10/02/15 11:07	4165-60-0	
2-Fluorobiphenyl (S)	86	%	18-110		1	10/01/15 19:20	10/02/15 11:07	321-60-8	
Terphenyl-d14 (S)	97	%	10-123		1	10/01/15 19:20	10/02/15 11:07	1718-51-0	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260								
Acetone	**0.011 U**	mg/kg	0.021	0.011	1		10/02/15 07:23	67-64-1	
Acetonitrile	**0.027 U**	mg/kg	0.053	0.027	1		10/02/15 07:23	75-05-8	
Benzene	**0.0027 U**	mg/kg	0.0053	0.0027	1		10/02/15 07:23	71-43-2	
Bromochloromethane	**0.0027 U**	mg/kg	0.0053	0.0027	1		10/02/15 07:23	74-97-5	
Bromodichloromethane	**0.0027 U**	mg/kg	0.0053	0.0027	1		10/02/15 07:23	75-27-4	
Bromoform	**0.0027 U**	mg/kg	0.0053	0.0027	1		10/02/15 07:23	75-25-2	
Bromomethane	**0.0027 U**	mg/kg	0.0053	0.0027	1		10/02/15 07:23	74-83-9	
2-Butanone (MEK)	**0.0027 U**	mg/kg	0.0053	0.0027	1		10/02/15 07:23	78-93-3	
Carbon disulfide	**0.0027 U**	mg/kg	0.0053	0.0027	1		10/02/15 07:23	75-15-0	
Carbon tetrachloride	**0.0027 U**	mg/kg	0.0053	0.0027	1		10/02/15 07:23	56-23-5	

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ANALYTICAL RESULTS

Project: Building 517 (CCFTB-038)
Pace Project No.: 35209602

Sample: SS-036-1' **Lab ID: 35209602011** Collected: 09/29/15 11:55 Received: 09/30/15 11:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260								
Chlorobenzene	**0.0027 U**	mg/kg	0.0053	0.0027	1		10/02/15 07:23	108-90-7	
Chloroethane	**0.0038 U**	mg/kg	0.0053	0.0038	1		10/02/15 07:23	75-00-3	
Chloroform	**0.0032 U**	mg/kg	0.0053	0.0032	1		10/02/15 07:23	67-66-3	
Chloromethane	**0.0030 U**	mg/kg	0.0053	0.0030	1		10/02/15 07:23	74-87-3	
1,2-Dibromo-3-chloropropane	**0.0027 U**	mg/kg	0.0053	0.0027	1		10/02/15 07:23	96-12-8	
Dibromochloromethane	**0.0027 U**	mg/kg	0.0053	0.0027	1		10/02/15 07:23	124-48-1	
1,2-Dibromoethane (EDB)	**0.0027 U**	mg/kg	0.0053	0.0027	1		10/02/15 07:23	106-93-4	
Dibromomethane	**0.0027 U**	mg/kg	0.0053	0.0027	1		10/02/15 07:23	74-95-3	
1,2-Dichlorobenzene	**0.0027 U**	mg/kg	0.0053	0.0027	1		10/02/15 07:23	95-50-1	
1,4-Dichlorobenzene	**0.0027 U**	mg/kg	0.0053	0.0027	1		10/02/15 07:23	106-46-7	
trans-1,4-Dichloro-2-butene	**0.0027 U**	mg/kg	0.0053	0.0027	1		10/02/15 07:23	110-57-6	
1,1-Dichloroethane	**0.0029 U**	mg/kg	0.0053	0.0029	1		10/02/15 07:23	75-34-3	
1,2-Dichloroethane	**0.0027 U**	mg/kg	0.0053	0.0027	1		10/02/15 07:23	107-06-2	
1,2-Dichloroethene (Total)	**0.0033 U**	mg/kg	0.0053	0.0033	1		10/02/15 07:23	540-59-0	
1,1-Dichloroethene	**0.0027 U**	mg/kg	0.0053	0.0027	1		10/02/15 07:23	75-35-4	
cis-1,2-Dichloroethene	**0.0027 U**	mg/kg	0.0053	0.0027	1		10/02/15 07:23	156-59-2	
trans-1,2-Dichloroethene	**0.0033 U**	mg/kg	0.0053	0.0033	1		10/02/15 07:23	156-60-5	
1,2-Dichloropropane	**0.0027 U**	mg/kg	0.0053	0.0027	1		10/02/15 07:23	78-87-5	
cis-1,3-Dichloropropene	**0.0027 U**	mg/kg	0.0053	0.0027	1		10/02/15 07:23	10061-01-5	
trans-1,3-Dichloropropene	**0.0027 U**	mg/kg	0.0053	0.0027	1		10/02/15 07:23	10061-02-6	
Ethylbenzene	**0.0030 U**	mg/kg	0.0053	0.0030	1		10/02/15 07:23	100-41-4	
2-Hexanone	**0.0027 U**	mg/kg	0.0053	0.0027	1		10/02/15 07:23	591-78-6	
Iodomethane	**0.0027 U**	mg/kg	0.0053	0.0027	1		10/02/15 07:23	74-88-4	
Isopropylbenzene (Cumene)	**0.0031 U**	mg/kg	0.0053	0.0031	1		10/02/15 07:23	98-82-8	
Methylene Chloride	**0.0029 I**	mg/kg	0.0053	0.0027	1		10/02/15 07:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	**0.0027 U**	mg/kg	0.0053	0.0027	1		10/02/15 07:23	108-10-1	
Methyl-tert-butyl ether	**0.0027 U**	mg/kg	0.0053	0.0027	1		10/02/15 07:23	1634-04-4	
Styrene	**0.0027 U**	mg/kg	0.0053	0.0027	1		10/02/15 07:23	100-42-5	
1,1,1,2-Tetrachloroethane	**0.0027 U**	mg/kg	0.0053	0.0027	1		10/02/15 07:23	630-20-6	
1,1,2,2-Tetrachloroethane	**0.0027 U**	mg/kg	0.0053	0.0027	1		10/02/15 07:23	79-34-5	
Tetrachloroethene	**0.0027 U**	mg/kg	0.0053	0.0027	1		10/02/15 07:23	127-18-4	
Toluene	**0.0029 U**	mg/kg	0.0053	0.0029	1		10/02/15 07:23	108-88-3	
1,1,1-Trichloroethane	**0.0029 U**	mg/kg	0.0053	0.0029	1		10/02/15 07:23	71-55-6	
1,1,2-Trichloroethane	**0.0027 U**	mg/kg	0.0053	0.0027	1		10/02/15 07:23	79-00-5	
Trichloroethene	**0.0030 U**	mg/kg	0.0053	0.0030	1		10/02/15 07:23	79-01-6	
Trichlorofluoromethane	**0.0029 U**	mg/kg	0.0053	0.0029	1		10/02/15 07:23	75-69-4	
1,2,3-Trichloropropane	**0.0027 U**	mg/kg	0.0053	0.0027	1		10/02/15 07:23	96-18-4	
Vinyl acetate	**0.0027 U**	mg/kg	0.0053	0.0027	1		10/02/15 07:23	108-05-4	
Vinyl chloride	**0.0029 U**	mg/kg	0.0053	0.0029	1		10/02/15 07:23	75-01-4	
Xylene (Total)	**0.0055 U**	mg/kg	0.016	0.0055	1		10/02/15 07:23	1330-20-7	
m&p-Xylene	**0.0055 U**	mg/kg	0.011	0.0055	1		10/02/15 07:23	179601-23-1	
o-Xylene	**0.0027 U**	mg/kg	0.0053	0.0027	1		10/02/15 07:23	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	55-148		1		10/02/15 07:23	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	80-131		1		10/02/15 07:23	17060-07-0	

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ANALYTICAL RESULTS

Project: Building 517 (CCFTB-038)
Pace Project No.: 35209602

Sample: SS-036-1' **Lab ID: 35209602011** Collected: 09/29/15 11:55 Received: 09/30/15 11:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260								
Surrogates									
Toluene-d8 (S)	96	%	84-117		1		10/02/15 07:23	2037-26-5	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**19.4**	%	0.10	0.10	1		10/06/15 10:35		J(D6)

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ANALYTICAL RESULTS

Project: Building 517 (CCFTB-038)
Pace Project No.: 35209602

Sample: Dup-04 **Lab ID: 35209602012** Collected: 09/29/15 12:00 Received: 09/30/15 11:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015M DRO/ORO Organics	Analytical Method: EPA 8015B Modified Preparation Method: EPA 3546								
Diesel Range Organic (C10-C28)	**50.0**	mg/kg	11.6		1	10/05/15 09:10	10/07/15 00:09		
Surrogates									
o-Terphenyl (S)	79	%.	16-127		1	10/05/15 09:10	10/07/15 00:09	84-15-1	
n-Pentacosane (S)	90	%.	16-147		1	10/05/15 09:10	10/07/15 00:09	629-99-2	
8021 GCV BTEX, MTBE, GRO Med L	Analytical Method: EPA 8015/8021 Preparation Method: EPA 5035A/5030B								
Gasoline Range Organics	**1.5 I**	mg/kg	3.1	0.43	1	10/08/15 14:00	10/09/15 00:26		
Surrogates									
4-Bromofluorobenzene (S)	92	%.	44-148		1	10/08/15 14:00	10/09/15 00:26	460-00-4	
8270 MSSV Short List Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	**0.12 I**	mg/kg	0.23	0.034	1	10/01/15 19:20	10/02/15 11:30	83-32-9	
Acenaphthylene	**0.024 U**	mg/kg	0.23	0.024	1	10/01/15 19:20	10/02/15 11:30	208-96-8	
Anthracene	**0.36**	mg/kg	0.23	0.032	1	10/01/15 19:20	10/02/15 11:30	120-12-7	
Benzo(a)anthracene	**0.61**	mg/kg	0.23	0.028	1	10/01/15 19:20	10/02/15 11:30	56-55-3	
Benzo(a)pyrene	**0.42**	mg/kg	0.23	0.027	1	10/01/15 19:20	10/02/15 11:30	50-32-8	
Benzo(b)fluoranthene	**0.50**	mg/kg	0.23	0.18	1	10/01/15 19:20	10/02/15 11:30	205-99-2	
Benzo(g,h,i)perylene	**0.25**	mg/kg	0.23	0.027	1	10/01/15 19:20	10/02/15 11:30	191-24-2	
Benzo(k)fluoranthene	**0.23 I**	mg/kg	0.23	0.050	1	10/01/15 19:20	10/02/15 11:30	207-08-9	
Chrysene	**0.50**	mg/kg	0.23	0.028	1	10/01/15 19:20	10/02/15 11:30	218-01-9	
Dibenz(a,h)anthracene	**0.036 U**	mg/kg	0.23	0.036	1	10/01/15 19:20	10/02/15 11:30	53-70-3	
Fluoranthene	**1.3**	mg/kg	0.23	0.031	1	10/01/15 19:20	10/02/15 11:30	206-44-0	
Fluorene	**0.12 I**	mg/kg	0.23	0.030	1	10/01/15 19:20	10/02/15 11:30	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.20 I**	mg/kg	0.23	0.041	1	10/01/15 19:20	10/02/15 11:30	193-39-5	
1-Methylnaphthalene	**0.039 U**	mg/kg	0.23	0.039	1	10/01/15 19:20	10/02/15 11:30	90-12-0	
2-Methylnaphthalene	**0.031 U**	mg/kg	0.23	0.031	1	10/01/15 19:20	10/02/15 11:30	91-57-6	
Naphthalene	**0.075 U**	mg/kg	0.23	0.075	1	10/01/15 19:20	10/02/15 11:30	91-20-3	
Phenanthrene	**1.3**	mg/kg	0.23	0.088	1	10/01/15 19:20	10/02/15 11:30	85-01-8	
Pyrene	**1.1**	mg/kg	0.23	0.025	1	10/01/15 19:20	10/02/15 11:30	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	24	%	10-110		1	10/01/15 19:20	10/02/15 11:30	4165-60-0	
2-Fluorobiphenyl (S)	32	%	18-110		1	10/01/15 19:20	10/02/15 11:30	321-60-8	
Terphenyl-d14 (S)	36	%	10-123		1	10/01/15 19:20	10/02/15 11:30	1718-51-0	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260								
Acetone	**0.010 U**	mg/kg	0.021	0.010	1		10/02/15 07:49	67-64-1	
Acetonitrile	**0.026 U**	mg/kg	0.052	0.026	1		10/02/15 07:49	75-05-8	
Benzene	**0.0027 U**	mg/kg	0.0052	0.0027	1		10/02/15 07:49	71-43-2	
Bromochloromethane	**0.0026 U**	mg/kg	0.0052	0.0026	1		10/02/15 07:49	74-97-5	
Bromodichloromethane	**0.0026 U**	mg/kg	0.0052	0.0026	1		10/02/15 07:49	75-27-4	
Bromoform	**0.0026 U**	mg/kg	0.0052	0.0026	1		10/02/15 07:49	75-25-2	
Bromomethane	**0.0026 U**	mg/kg	0.0052	0.0026	1		10/02/15 07:49	74-83-9	
2-Butanone (MEK)	**0.0026 U**	mg/kg	0.0052	0.0026	1		10/02/15 07:49	78-93-3	
Carbon disulfide	**0.0026 U**	mg/kg	0.0052	0.0026	1		10/02/15 07:49	75-15-0	
Carbon tetrachloride	**0.0026 U**	mg/kg	0.0052	0.0026	1		10/02/15 07:49	56-23-5	

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ANALYTICAL RESULTS

Project: Building 517 (CCFTB-038)
Pace Project No.: 35209602

Sample: Dup-04 **Lab ID: 35209602012** Collected: 09/29/15 12:00 Received: 09/30/15 11:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260								
Chlorobenzene	**0.0026 U**	mg/kg	0.0052	0.0026	1		10/02/15 07:49	108-90-7	
Chloroethane	**0.0037 U**	mg/kg	0.0052	0.0037	1		10/02/15 07:49	75-00-3	
Chloroform	**0.0031 U**	mg/kg	0.0052	0.0031	1		10/02/15 07:49	67-66-3	
Chloromethane	**0.0029 U**	mg/kg	0.0052	0.0029	1		10/02/15 07:49	74-87-3	
1,2-Dibromo-3-chloropropane	**0.0026 U**	mg/kg	0.0052	0.0026	1		10/02/15 07:49	96-12-8	
Dibromochloromethane	**0.0026 U**	mg/kg	0.0052	0.0026	1		10/02/15 07:49	124-48-1	
1,2-Dibromoethane (EDB)	**0.0026 U**	mg/kg	0.0052	0.0026	1		10/02/15 07:49	106-93-4	
Dibromomethane	**0.0026 U**	mg/kg	0.0052	0.0026	1		10/02/15 07:49	74-95-3	
1,2-Dichlorobenzene	**0.0026 U**	mg/kg	0.0052	0.0026	1		10/02/15 07:49	95-50-1	
1,4-Dichlorobenzene	**0.0026 U**	mg/kg	0.0052	0.0026	1		10/02/15 07:49	106-46-7	
trans-1,4-Dichloro-2-butene	**0.0026 U**	mg/kg	0.0052	0.0026	1		10/02/15 07:49	110-57-6	
1,1-Dichloroethane	**0.0028 U**	mg/kg	0.0052	0.0028	1		10/02/15 07:49	75-34-3	
1,2-Dichloroethane	**0.0026 U**	mg/kg	0.0052	0.0026	1		10/02/15 07:49	107-06-2	
1,2-Dichloroethene (Total)	**0.0032 U**	mg/kg	0.0052	0.0032	1		10/02/15 07:49	540-59-0	
1,1-Dichloroethene	**0.0026 U**	mg/kg	0.0052	0.0026	1		10/02/15 07:49	75-35-4	
cis-1,2-Dichloroethene	**0.0026 U**	mg/kg	0.0052	0.0026	1		10/02/15 07:49	156-59-2	
trans-1,2-Dichloroethene	**0.0032 U**	mg/kg	0.0052	0.0032	1		10/02/15 07:49	156-60-5	
1,2-Dichloropropane	**0.0026 U**	mg/kg	0.0052	0.0026	1		10/02/15 07:49	78-87-5	
cis-1,3-Dichloropropene	**0.0026 U**	mg/kg	0.0052	0.0026	1		10/02/15 07:49	10061-01-5	
trans-1,3-Dichloropropene	**0.0026 U**	mg/kg	0.0052	0.0026	1		10/02/15 07:49	10061-02-6	
Ethylbenzene	**0.0029 U**	mg/kg	0.0052	0.0029	1		10/02/15 07:49	100-41-4	
2-Hexanone	**0.0026 U**	mg/kg	0.0052	0.0026	1		10/02/15 07:49	591-78-6	
Iodomethane	**0.0026 U**	mg/kg	0.0052	0.0026	1		10/02/15 07:49	74-88-4	
Isopropylbenzene (Cumene)	**0.0030 U**	mg/kg	0.0052	0.0030	1		10/02/15 07:49	98-82-8	
Methylene Chloride	**0.0037 I**	mg/kg	0.0052	0.0026	1		10/02/15 07:49	75-09-2	
4-Methyl-2-pentanone (MIBK)	**0.0026 U**	mg/kg	0.0052	0.0026	1		10/02/15 07:49	108-10-1	
Methyl-tert-butyl ether	**0.0026 U**	mg/kg	0.0052	0.0026	1		10/02/15 07:49	1634-04-4	
Styrene	**0.0026 U**	mg/kg	0.0052	0.0026	1		10/02/15 07:49	100-42-5	
1,1,1,2-Tetrachloroethane	**0.0026 U**	mg/kg	0.0052	0.0026	1		10/02/15 07:49	630-20-6	
1,1,2,2-Tetrachloroethane	**0.0026 U**	mg/kg	0.0052	0.0026	1		10/02/15 07:49	79-34-5	
Tetrachloroethene	**0.0026 U**	mg/kg	0.0052	0.0026	1		10/02/15 07:49	127-18-4	
Toluene	**0.0028 U**	mg/kg	0.0052	0.0028	1		10/02/15 07:49	108-88-3	
1,1,1-Trichloroethane	**0.0029 U**	mg/kg	0.0052	0.0029	1		10/02/15 07:49	71-55-6	
1,1,2-Trichloroethane	**0.0026 U**	mg/kg	0.0052	0.0026	1		10/02/15 07:49	79-00-5	
Trichloroethene	**0.0029 U**	mg/kg	0.0052	0.0029	1		10/02/15 07:49	79-01-6	
Trichlorofluoromethane	**0.0028 U**	mg/kg	0.0052	0.0028	1		10/02/15 07:49	75-69-4	
1,2,3-Trichloropropane	**0.0026 U**	mg/kg	0.0052	0.0026	1		10/02/15 07:49	96-18-4	
Vinyl acetate	**0.0026 U**	mg/kg	0.0052	0.0026	1		10/02/15 07:49	108-05-4	
Vinyl chloride	**0.0028 U**	mg/kg	0.0052	0.0028	1		10/02/15 07:49	75-01-4	
Xylene (Total)	**0.0054 U**	mg/kg	0.016	0.0054	1		10/02/15 07:49	1330-20-7	
m&p-Xylene	**0.0054 U**	mg/kg	0.010	0.0054	1		10/02/15 07:49	179601-23-1	
o-Xylene	**0.0027 U**	mg/kg	0.0052	0.0027	1		10/02/15 07:49	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	91	%	55-148		1		10/02/15 07:49	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	80-131		1		10/02/15 07:49	17060-07-0	

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ANALYTICAL RESULTS

Project: Building 517 (CCFTB-038)
Pace Project No.: 35209602

Sample: Dup-04 **Lab ID: 35209602012** Collected: 09/29/15 12:00 Received: 09/30/15 11:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260								
Surrogates									
Toluene-d8 (S)	95	%	84-117		1		10/02/15 07:49	2037-26-5	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**13.9**	%	0.10	0.10	1		10/06/15 10:35		

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ANALYTICAL RESULTS

Project: Building 517 (CCFTB-038)
Pace Project No.: 35209602

Sample: Trip Blank **Lab ID: 35209602013** Collected: 09/23/15 00:00 Received: 09/30/15 11:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**0.10 U**	ug/L	1.0	0.10	1		10/03/15 11:45	71-43-2	
Ethylbenzene	**0.50 U**	ug/L	1.0	0.50	1		10/03/15 11:45	100-41-4	
Methyl-tert-butyl ether	**0.50 U**	ug/L	1.0	0.50	1		10/03/15 11:45	1634-04-4	
Toluene	**0.50 U**	ug/L	1.0	0.50	1		10/03/15 11:45	108-88-3	
Xylene (Total)	**0.50 U**	ug/L	3.0	0.50	1		10/03/15 11:45	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-114		1		10/03/15 11:45	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	86-125		1		10/03/15 11:45	17060-07-0	
Toluene-d8 (S)	98	%	87-113		1		10/03/15 11:45	2037-26-5	

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QUALITY CONTROL DATA

Project: Building 517 (CCFTB-038)
Pace Project No.: 35209602

QC Batch: GCV/2345 — Analysis Method: EPA 8015/8021
QC Batch Method: EPA 5035A/5030B — Analysis Description: 8021 BTEX, MTBE, GRO Medium Level Soil
Associated Lab Samples: 35209602001, 35209602002, 35209602003, 35209602004, 35209602005, 35209602006, 35209602007, 35209602008, 35209602009, 35209602010, 35209602011, 35209602012

METHOD BLANK: 164304 — Matrix: Solid
Associated Lab Samples: 35209602001, 35209602002, 35209602003, 35209602004, 35209602005, 35209602006, 35209602007, 35209602008, 35209602009, 35209602010, 35209602011, 35209602012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Gasoline Range Organics	mg/kg	1.3 I	2.5	10/08/15 16:13	
4-Bromofluorobenzene (S)	%.	95	44-148	10/08/15 16:13	

LABORATORY CONTROL SAMPLE: 164305

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Gasoline Range Organics	mg/kg	25	25.7	103	61-136	
4-Bromofluorobenzene (S)	%.			97	44-148	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 164306 — 164307

Parameter	Units	35209602001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Gasoline Range Organics	mg/kg	1.6 I	33.9	34.2	31.7	31.0	89	86	15-147	3	20	
4-Bromofluorobenzene (S)	%.						96	96	44-148			

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QUALITY CONTROL DATA

Project: Building 517 (CCFTB-038)
Pace Project No.: 35209602

QC Batch: MSV/16208 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5030 Low
Associated Lab Samples: 35209602001, 35209602002, 35209602003, 35209602004, 35209602005, 35209602006, 35209602007, 35209602008, 35209602009, 35209602010, 35209602011, 35209602012

METHOD BLANK: 1348391 Matrix: Solid
Associated Lab Samples: 35209602001, 35209602002, 35209602003, 35209602004, 35209602005, 35209602006, 35209602007, 35209602008, 35209602009, 35209602010, 35209602011, 35209602012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	0.0025 U	0.0050	10/02/15 01:25	
1,1,1-Trichloroethane	mg/kg	0.0027 U	0.0050	10/02/15 01:25	
1,1,2,2-Tetrachloroethane	mg/kg	0.0025 U	0.0050	10/02/15 01:25	
1,1,2-Trichloroethane	mg/kg	0.0025 U	0.0050	10/02/15 01:25	
1,1-Dichloroethane	mg/kg	0.0027 U	0.0050	10/02/15 01:25	
1,1-Dichloroethene	mg/kg	0.0025 U	0.0050	10/02/15 01:25	
1,2,3-Trichloropropane	mg/kg	0.0025 U	0.0050	10/02/15 01:25	
1,2-Dibromo-3-chloropropane	mg/kg	0.0025 U	0.0050	10/02/15 01:25	
1,2-Dibromoethane (EDB)	mg/kg	0.0025 U	0.0050	10/02/15 01:25	
1,2-Dichlorobenzene	mg/kg	0.0025 U	0.0050	10/02/15 01:25	
1,2-Dichloroethane	mg/kg	0.0025 U	0.0050	10/02/15 01:25	
1,2-Dichloroethene (Total)	mg/kg	0.0030 U	0.0050	10/02/15 01:25	
1,2-Dichloropropane	mg/kg	0.0025 U	0.0050	10/02/15 01:25	
1,4-Dichlorobenzene	mg/kg	0.0025 U	0.0050	10/02/15 01:25	
2-Butanone (MEK)	mg/kg	0.0025 U	0.0050	10/02/15 01:25	
2-Hexanone	mg/kg	0.0025 U	0.0050	10/02/15 01:25	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.0025 U	0.0050	10/02/15 01:25	
Acetone	mg/kg	0.010 U	0.020	10/02/15 01:25	
Acetonitrile	mg/kg	0.025 U	0.050	10/02/15 01:25	
Benzene	mg/kg	0.0025 U	0.0050	10/02/15 01:25	
Bromochloromethane	mg/kg	0.0025 U	0.0050	10/02/15 01:25	
Bromodichloromethane	mg/kg	0.0025 U	0.0050	10/02/15 01:25	
Bromoform	mg/kg	0.0025 U	0.0050	10/02/15 01:25	
Bromomethane	mg/kg	0.0025 U	0.0050	10/02/15 01:25	
Carbon disulfide	mg/kg	0.0025 U	0.0050	10/02/15 01:25	
Carbon tetrachloride	mg/kg	0.0025 U	0.0050	10/02/15 01:25	
Chlorobenzene	mg/kg	0.0025 U	0.0050	10/02/15 01:25	
Chloroethane	mg/kg	0.0036 U	0.0050	10/02/15 01:25	
Chloroform	mg/kg	0.0029 U	0.0050	10/02/15 01:25	
Chloromethane	mg/kg	0.0028 U	0.0050	10/02/15 01:25	
cis-1,2-Dichloroethene	mg/kg	0.0025 U	0.0050	10/02/15 01:25	
cis-1,3-Dichloropropene	mg/kg	0.0025 U	0.0050	10/02/15 01:25	
Dibromochloromethane	mg/kg	0.0025 U	0.0050	10/02/15 01:25	
Dibromomethane	mg/kg	0.0025 U	0.0050	10/02/15 01:25	
Ethylbenzene	mg/kg	0.0028 U	0.0050	10/02/15 01:25	
Iodomethane	mg/kg	0.0025 U	0.0050	10/02/15 01:25	
Isopropylbenzene (Cumene)	mg/kg	0.0029 U	0.0050	10/02/15 01:25	
m&p-Xylene	mg/kg	0.0051 U	0.010	10/02/15 01:25	
Methyl-tert-butyl ether	mg/kg	0.0025 U	0.0050	10/02/15 01:25	
Methylene Chloride	mg/kg	0.0025 U	0.0050	10/02/15 01:25	

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QUALITY CONTROL DATA

Project: Building 517 (CCFTB-038)
Pace Project No.: 35209602

METHOD BLANK: 1348391 Matrix: Solid

Associated Lab Samples: 35209602001, 35209602002, 35209602003, 35209602004, 35209602005, 35209602006, 35209602007, 35209602008, 35209602009, 35209602010, 35209602011, 35209602012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
o-Xylene	mg/kg	0.0026 U	0.0050	10/02/15 01:25	
Styrene	mg/kg	0.0025 U	0.0050	10/02/15 01:25	
Tetrachloroethene	mg/kg	0.0025 U	0.0050	10/02/15 01:25	
Toluene	mg/kg	0.0027 U	0.0050	10/02/15 01:25	
trans-1,2-Dichloroethene	mg/kg	0.0030 U	0.0050	10/02/15 01:25	
trans-1,3-Dichloropropene	mg/kg	0.0025 U	0.0050	10/02/15 01:25	
trans-1,4-Dichloro-2-butene	mg/kg	0.0025 U	0.0050	10/02/15 01:25	
Trichloroethene	mg/kg	0.0028 U	0.0050	10/02/15 01:25	
Trichlorofluoromethane	mg/kg	0.0027 U	0.0050	10/02/15 01:25	
Vinyl acetate	mg/kg	0.0025 U	0.0050	10/02/15 01:25	
Vinyl chloride	mg/kg	0.0027 U	0.0050	10/02/15 01:25	
Xylene (Total)	mg/kg	0.0051 U	0.015	10/02/15 01:25	
1,2-Dichloroethane-d4 (S)	%	103	80-131	10/02/15 01:25	
4-Bromofluorobenzene (S)	%	98	55-148	10/02/15 01:25	
Toluene-d8 (S)	%	97	84-117	10/02/15 01:25	

LABORATORY CONTROL SAMPLE: 1348392

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	.02	0.020	102	70-130	
1,1,1-Trichloroethane	mg/kg	.02	0.021	105	68-130	
1,1,2,2-Tetrachloroethane	mg/kg	.02	0.021	103	70-130	
1,1,2-Trichloroethane	mg/kg	.02	0.021	104	70-130	
1,1-Dichloroethane	mg/kg	.02	0.016	82	69-130	
1,1-Dichloroethene	mg/kg	.02	0.020	103	67-130	
1,2,3-Trichloropropane	mg/kg	.02	0.023	115	70-130	
1,2-Dibromo-3-chloropropane	mg/kg	.02	0.018	93	69-130	
1,2-Dibromoethane (EDB)	mg/kg	.02	0.021	104	70-130	
1,2-Dichlorobenzene	mg/kg	.02	0.020	99	70-130	
1,2-Dichloroethane	mg/kg	.02	0.021	104	70-130	
1,2-Dichloroethene (Total)	mg/kg	.04	0.039	99	70-130	
1,2-Dichloropropane	mg/kg	.02	0.019	95	70-130	
1,4-Dichlorobenzene	mg/kg	.02	0.020	98	70-130	
2-Butanone (MEK)	mg/kg	.04	0.041	103	51-161	
2-Hexanone	mg/kg	.04	0.037	92	59-137	
4-Methyl-2-pentanone (MIBK)	mg/kg	.04	0.037	93	64-143	
Acetone	mg/kg	.04	0.044	110	32-175	
Acetonitrile	mg/kg	.2	0.20	100	68-131	
Benzene	mg/kg	.02	0.020	101	70-130	
Bromochloromethane	mg/kg	.02	0.021	108	70-130	
Bromodichloromethane	mg/kg	.02	0.019	94	70-130	
Bromoform	mg/kg	.02	0.018	93	70-130	
Bromomethane	mg/kg	.02	0.020	103	42-156	

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QUALITY CONTROL DATA

Project: Building 517 (CCFTB-038)
Pace Project No.: 35209602

LABORATORY CONTROL SAMPLE: 1348392

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon disulfide	mg/kg	.02	0.023	118	49-152	
Carbon tetrachloride	mg/kg	.02	0.021	107	65-132	
Chlorobenzene	mg/kg	.02	0.020	101	70-130	
Chloroethane	mg/kg	.02	0.023	115	56-146	
Chloroform	mg/kg	.02	0.020	102	69-130	
Chloromethane	mg/kg	.02	0.018	88	50-145	
cis-1,2-Dichloroethene	mg/kg	.02	0.020	98	70-130	
cis-1,3-Dichloropropene	mg/kg	.02	0.019	95	70-130	
Dibromochloromethane	mg/kg	.02	0.020	101	70-130	
Dibromomethane	mg/kg	.02	0.020	102	68-133	
Ethylbenzene	mg/kg	.02	0.020	101	70-130	
Iodomethane	mg/kg	.04	0.049	124	59-142	
Isopropylbenzene (Cumene)	mg/kg	.02	0.020	100	70-130	
m&p-Xylene	mg/kg	.04	0.041	103	70-130	
Methyl-tert-butyl ether	mg/kg	.02	0.024	121	70-130	
Methylene Chloride	mg/kg	.02	0.018	91	40-159	
o-Xylene	mg/kg	.02	0.020	102	70-130	
Styrene	mg/kg	.02	0.020	99	70-130	
Tetrachloroethene	mg/kg	.02	0.022	109	63-130	
Toluene	mg/kg	.02	0.020	102	70-130	
trans-1,2-Dichloroethene	mg/kg	.02	0.020	99	70-130	
trans-1,3-Dichloropropene	mg/kg	.02	0.020	99	70-130	
trans-1,4-Dichloro-2-butene	mg/kg	.02	0.018	92	63-132	
Trichloroethene	mg/kg	.02	0.020	101	69-130	
Trichlorofluoromethane	mg/kg	.02	0.022	111	67-130	
Vinyl acetate	mg/kg	.02	0.020	101	53-146	
Vinyl chloride	mg/kg	.02	0.018	93	67-130	
Xylene (Total)	mg/kg	.06	0.061	103	70-130	
1,2-Dichloroethane-d4 (S)	%			106	80-131	
4-Bromofluorobenzene (S)	%			99	55-148	
Toluene-d8 (S)	%			98	84-117	

MATRIX SPIKE SAMPLE: 1351258

Parameter	Units	35209602001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	0.0032 U	.024	0.017	70	42-130	
1,1,1-Trichloroethane	mg/kg	0.0035 U	.024	0.031	127	42-131	
1,1,2,2-Tetrachloroethane	mg/kg	0.0032 U	.024	0.020	84	50-130	
1,1,2-Trichloroethane	mg/kg	0.0032 U	.024	0.022	92	59-130	
1,1-Dichloroethane	mg/kg	0.0035 U	.024	0.027	112	50-130	
1,1-Dichloroethene	mg/kg	0.0032 U	.024	0.034	142	51-130	J(M1)
1,2,3-Trichloropropane	mg/kg	0.0032 U	.024	0.024	100	49-130	
1,2-Dibromo-3-chloropropane	mg/kg	0.0032 U	.024	0.015	61	28-134	
1,2-Dibromoethane (EDB)	mg/kg	0.0032 U	.024	0.017	71	30-134	
1,2-Dichlorobenzene	mg/kg	0.0032 U	.024	0.0099	41	20-134	

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QUALITY CONTROL DATA

Project: Building 517 (CCFTB-038)
Pace Project No.: 35209602

MATRIX SPIKE SAMPLE: 1351258

Parameter	Units	35209602001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane	mg/kg	0.0032 U	.024	0.025	105	57-130	
1,2-Dichloroethene (Total)	mg/kg	0.0039 U	.048	0.048	100	70-130	
1,2-Dichloropropane	mg/kg	0.0032 U	.024	0.020	84	52-130	
1,4-Dichlorobenzene	mg/kg	0.0032 U	.024	0.0099	41	20-134	
2-Butanone (MEK)	mg/kg	0.0032 U	.048	0.023	48	20-217	
2-Hexanone	mg/kg	0.0032 U	.048	0.0030 U	6	20-136	J(M1)
4-Methyl-2-pentanone (MIBK)	mg/kg	0.0032 U	.048	0.024	50	21-151	
Acetone	mg/kg	0.013 U	.048	0.045	93	20-219	
Acetonitrile	mg/kg	0.032 U	.24	0.088	37	32-150	
Benzene	mg/kg	0.0033 U	.024	0.022	92	24-141	
Bromochloromethane	mg/kg	0.0032 U	.024	0.026	106	53-141	
Bromodichloromethane	mg/kg	0.0032 U	.024	0.019	77	20-155	
Bromoform	mg/kg	0.0032 U	.024	0.014	58	30-130	
Bromomethane	mg/kg	0.0032 U	.024	0.010	42	22-152	
Carbon disulfide	mg/kg	0.0032 U	.024	0.019	77	20-160	
Carbon tetrachloride	mg/kg	0.0032 U	.024	0.026	106	23-141	
Chlorobenzene	mg/kg	0.0032 U	.024	0.013	56	34-130	
Chloroethane	mg/kg	0.0046 U	.024	0.033	136	43-146	
Chloroform	mg/kg	0.0038 U	.024	0.026	106	42-132	
Chloromethane	mg/kg	0.0036 U	.024	0.023	94	31-144	
cis-1,2-Dichloroethene	mg/kg	0.0032 U	.024	0.023	93	45-131	
cis-1,3-Dichloropropene	mg/kg	0.0032 U	.024	0.0070	29	33-132	J(M1)
Dibromochloromethane	mg/kg	0.0032 U	.024	0.018	73	20-151	
Dibromomethane	mg/kg	0.0032 U	.024	0.024	99	49-137	
Ethylbenzene	mg/kg	0.0036 U	.024	0.012	51	30-130	
Iodomethane	mg/kg	0.0032 U	.048	0.0092	19	20-155	J(M1)
Isopropylbenzene (Cumene)	mg/kg	0.0037 U	.024	0.0097	40	28-130	
m&p-Xylene	mg/kg	0.0066 U	.048	0.023	48	27-150	
Methyl-tert-butyl ether	mg/kg	0.0032 U	.024	0.026	105	31-156	
Methylene Chloride	mg/kg	0.0046 I	.024	0.026	89	20-150	
o-Xylene	mg/kg	0.0033 U	.024	0.011	47	27-150	
Styrene	mg/kg	0.0032 U	.024	0.0089	37	20-137	
Tetrachloroethene	mg/kg	0.0032 U	.024	0.019	78	23-144	
Toluene	mg/kg	0.0034 U	.024	0.018	74	24-137	
trans-1,2-Dichloroethene	mg/kg	0.0039 U	.024	0.026	107	50-130	
trans-1,3-Dichloropropene	mg/kg	0.0032 U	.024	0.010	41	33-130	
trans-1,4-Dichloro-2-butene	mg/kg	0.0032 U	.024	0.0030 U	0	20-150	J(M1)
Trichloroethene	mg/kg	0.0036 U	.024	0.021	88	42-130	
Trichlorofluoromethane	mg/kg	0.0035 U	.024	0.036	148	40-130	J(M1)
Vinyl acetate	mg/kg	0.0032 U	.024	0.0056 I	23	20-156	
Vinyl chloride	mg/kg	0.0034 U	.024	0.025	105	47-130	
Xylene (Total)	mg/kg	0.0066 U	.073	0.035	48	26-130	
1,2-Dichloroethane-d4 (S)	%				114	80-131	
4-Bromofluorobenzene (S)	%				94	55-148	
Toluene-d8 (S)	%				94	84-117	

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QUALITY CONTROL DATA

Project: Building 517 (CCFTB-038)
Pace Project No.: 35209602

MATRIX SPIKE SAMPLE: 1351570

Parameter	Units	35209602002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	0.0027 U	.022	0.017	78	42-130	
1,1,1-Trichloroethane	mg/kg	0.0030 U	.022	0.025	113	42-131	
1,1,2,2-Tetrachloroethane	mg/kg	0.0027 U	.022	0.021	94	50-130	
1,1,2-Trichloroethane	mg/kg	0.0027 U	.022	0.022	101	59-130	
1,1-Dichloroethane	mg/kg	0.0030 U	.022	0.023	104	50-130	
1,1-Dichloroethene	mg/kg	0.0027 U	.022	0.028	124	51-130	
1,2,3-Trichloropropane	mg/kg	0.0027 U	.022	0.025	112	49-130	
1,2-Dibromo-3-chloropropane	mg/kg	0.0027 U	.022	0.017	76	28-134	
1,2-Dibromoethane (EDB)	mg/kg	0.0027 U	.022	0.017	78	30-134	
1,2-Dichlorobenzene	mg/kg	0.0027 U	.022	0.011	51	20-134	
1,2-Dichloroethane	mg/kg	0.0027 U	.022	0.025	112	57-130	
1,2-Dichloroethene (Total)	mg/kg	0.0033 U	.045	0.044	98	70-130	
1,2-Dichloropropane	mg/kg	0.0027 U	.022	0.020	88	52-130	
1,4-Dichlorobenzene	mg/kg	0.0027 U	.022	0.011	52	20-134	
2-Butanone (MEK)	mg/kg	0.0027 U	.045	0.0098	22	20-217	
2-Hexanone	mg/kg	0.0027 U	.045	0.0028 U	4	20-136	J(M1)
4-Methyl-2-pentanone (MIBK)	mg/kg	0.0027 U	.045	0.0087	20	21-151	J(M1)
Acetone	mg/kg	0.011 U	.045	0.034	76	20-219	
Acetonitrile	mg/kg	0.027 U	.22	0.034 I	15	32-150	J(M1)
Benzene	mg/kg	0.0028 U	.022	0.020	91	24-141	
Bromochloromethane	mg/kg	0.0027 U	.022	0.026	115	53-141	
Bromodichloromethane	mg/kg	0.0027 U	.022	0.019	85	20-155	
Bromoform	mg/kg	0.0027 U	.022	0.015	66	30-130	
Bromomethane	mg/kg	0.0027 U	.022	0.0035 I	16	22-152	J(M1)
Carbon disulfide	mg/kg	0.0027 U	.022	0.022	97	20-160	
Carbon tetrachloride	mg/kg	0.0027 U	.022	0.020	89	23-141	
Chlorobenzene	mg/kg	0.0027 U	.022	0.014	65	34-130	
Chloroethane	mg/kg	0.0039 U	.022	0.032	145	43-146	
Chloroform	mg/kg	0.0032 U	.022	0.025	111	42-132	
Chloromethane	mg/kg	0.0031 U	.022	0.019	85	31-144	
cis-1,2-Dichloroethene	mg/kg	0.0027 U	.022	0.022	98	45-131	
cis-1,3-Dichloropropene	mg/kg	0.0027 U	.022	0.0028 U	9	33-132	J(M1)
Dibromochloromethane	mg/kg	0.0027 U	.022	0.018	79	20-151	
Dibromomethane	mg/kg	0.0027 U	.022	0.025	112	49-137	
Ethylbenzene	mg/kg	0.0031 U	.022	0.012	52	30-130	
Iodomethane	mg/kg	0.0027 U	.045	0.0028 U	3	20-155	J(M1)
Isopropylbenzene (Cumene)	mg/kg	0.0032 U	.022	0.0091	41	28-130	
m&p-Xylene	mg/kg	0.0056 U	.045	0.023	52	27-150	
Methyl-tert-butyl ether	mg/kg	0.0027 U	.022	0.027	121	31-156	
Methylene Chloride	mg/kg	0.0033 I	.022	0.026	101	20-150	
o-Xylene	mg/kg	0.0028 U	.022	0.012	55	27-150	
Styrene	mg/kg	0.0027 U	.022	0.0099	44	20-137	
Tetrachloroethene	mg/kg	0.0027 U	.022	0.016	72	23-144	
Toluene	mg/kg	0.0030 U	.022	0.017	74	24-137	
trans-1,2-Dichloroethene	mg/kg	0.0033 U	.022	0.022	99	50-130	
trans-1,3-Dichloropropene	mg/kg	0.0027 U	.022	0.0067	30	33-130	J(M1)
trans-1,4-Dichloro-2-butene	mg/kg	0.0027 U	.022	0.0028 U	0	20-150	J(M1)

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QUALITY CONTROL DATA

Project: Building 517 (CCFTB-038)
Pace Project No.: 35209602

MATRIX SPIKE SAMPLE: 1351570

Parameter	Units	35209602002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Trichloroethene	mg/kg	0.0031 U	.022	0.018	82	42-130	
Trichlorofluoromethane	mg/kg	0.0030 U	.022	0.034	155	40-130	J(M1)
Vinyl acetate	mg/kg	0.0028 U	.022	0.0059	26	20-156	
Vinyl chloride	mg/kg	0.0029 U	.022	0.025	110	47-130	
Xylene (Total)	mg/kg	0.0056 U	.067	0.036	53	26-130	
1,2-Dichloroethane-d4 (S)	%				112	80-131	
4-Bromofluorobenzene (S)	%				96	55-148	
Toluene-d8 (S)	%				96	84-117	

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QUALITY CONTROL DATA

Project: Building 517 (CCFTB-038)
Pace Project No.: 35209602

QC Batch: MSV/16221 | Analysis Method: EPA 8260
QC Batch Method: EPA 8260 | Analysis Description: 8260 MSV
Associated Lab Samples: 35209602013

METHOD BLANK: 1350765 | Matrix: Water
Associated Lab Samples: 35209602013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	0.10 U	1.0	10/03/15 11:20	
Ethylbenzene	ug/L	0.50 U	1.0	10/03/15 11:20	
Methyl-tert-butyl ether	ug/L	0.50 U	1.0	10/03/15 11:20	
Toluene	ug/L	0.50 U	1.0	10/03/15 11:20	
Xylene (Total)	ug/L	0.50 U	3.0	10/03/15 11:20	
1,2-Dichloroethane-d4 (S)	%	108	86-125	10/03/15 11:20	
4-Bromofluorobenzene (S)	%	91	70-114	10/03/15 11:20	
Toluene-d8 (S)	%	96	87-113	10/03/15 11:20	

LABORATORY CONTROL SAMPLE: 1350766

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	20	20.5	103	70-130	
Ethylbenzene	ug/L	20	21.4	107	70-130	
Methyl-tert-butyl ether	ug/L	20	21.1	106	70-130	
Toluene	ug/L	20	20.4	102	70-130	
Xylene (Total)	ug/L	60	65.1	108	70-130	
1,2-Dichloroethane-d4 (S)	%			103	86-125	
4-Bromofluorobenzene (S)	%			90	70-114	
Toluene-d8 (S)	%			96	87-113	

MATRIX SPIKE SAMPLE: 1352384

Parameter	Units	35209563001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	0.55 I	20	21.0	102	70-130	
Ethylbenzene	ug/L	0.53 I	20	22.2	108	70-130	
Methyl-tert-butyl ether	ug/L	0.50 U	20	20.2	101	70-130	
Toluene	ug/L	0.50 U	20	21.5	107	70-130	
Xylene (Total)	ug/L	0.50 U	60	65.0	108	70-130	
1,2-Dichloroethane-d4 (S)	%				89	86-125	
4-Bromofluorobenzene (S)	%				90	70-114	
Toluene-d8 (S)	%				96	87-113	

SAMPLE DUPLICATE: 1352385

Parameter	Units	35209786002 Result	Dup Result	RPD	Max RPD	Qualifiers
Benzene	ug/L	20.2	19.5	3	40	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Building 517 (CCFTB-038)
Pace Project No.: 35209602

SAMPLE DUPLICATE: 1352385

Parameter	Units	35209786002 Result	Dup Result	RPD	Max RPD	Qualifiers
Ethylbenzene	ug/L	1.5	1.4	7	40	
Methyl-tert-butyl ether	ug/L	0.71 I	0.62 I		40	
Toluene	ug/L	2.2	2.0	7	40	
Xylene (Total)	ug/L	1.1 I	0.50 U		40	
1,2-Dichloroethane-d4 (S)	%	105	103	1	40	
4-Bromofluorobenzene (S)	%	91	91	1	40	
Toluene-d8 (S)	%	98	97	1	40	

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QUALITY CONTROL DATA

Project: Building 517 (CCFTB-038)
Pace Project No.: 35209602

QC Batch: OEXT/6868 — Analysis Method: EPA 8015B Modified
QC Batch Method: EPA 3546 — Analysis Description: EPA 8015 ORO
Associated Lab Samples: 35209602001, 35209602002, 35209602003, 35209602004, 35209602005, 35209602006, 35209602007, 35209602008, 35209602009, 35209602010, 35209602011, 35209602012

METHOD BLANK: 162726 — Matrix: Solid
Associated Lab Samples: 35209602001, 35209602002, 35209602003, 35209602004, 35209602005, 35209602006, 35209602007, 35209602008, 35209602009, 35209602010, 35209602011, 35209602012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Range Organic (C10-C28)	mg/kg	3.0 I	10.0	10/06/15 13:04	
n-Pentacosane (S)	%.	82	16-147	10/06/15 13:04	
o-Terphenyl (S)	%.	82	16-127	10/06/15 13:04	

LABORATORY CONTROL SAMPLE: 162727

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Diesel Range Organic (C10-C28)	mg/kg	40	46.5	116	34-125	
n-Pentacosane (S)	%.			84	16-147	
o-Terphenyl (S)	%.			108	16-127	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 162737 162738

Parameter	Units	2026411001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Diesel Range Organic (C10-C28)	mg/kg	3.7 I	38.6	38.2	30.1	27.5	68	62	10-163	9	20	
n-Pentacosane (S)	%.						48	51	16-147			
o-Terphenyl (S)	%.						65	67	16-127			

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QUALITY CONTROL DATA

Project: Building 517 (CCFTB-038)
Pace Project No.: 35209602

QC Batch: OEXT/24578 — Analysis Method: EPA 8270
QC Batch Method: EPA 3546 — Analysis Description: 8270 Solid MSSV Microwave Short Spike
Associated Lab Samples: 35209602001, 35209602002, 35209602003, 35209602004, 35209602005, 35209602006, 35209602007, 35209602008, 35209602009, 35209602010, 35209602011, 35209602012

METHOD BLANK: 1348310 — Matrix: Solid
Associated Lab Samples: 35209602001, 35209602002, 35209602003, 35209602004, 35209602005, 35209602006, 35209602007, 35209602008, 35209602009, 35209602010, 35209602011, 35209602012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	mg/kg	0.0055 U	0.033	10/02/15 05:02	
2-Methylnaphthalene	mg/kg	0.0044 U	0.033	10/02/15 05:02	
Acenaphthene	mg/kg	0.0049 U	0.033	10/02/15 05:02	
Acenaphthylene	mg/kg	0.0035 U	0.033	10/02/15 05:02	
Anthracene	mg/kg	0.0045 U	0.033	10/02/15 05:02	
Benzo(a)anthracene	mg/kg	0.0040 U	0.033	10/02/15 05:02	
Benzo(a)pyrene	mg/kg	0.0039 U	0.033	10/02/15 05:02	
Benzo(b)fluoranthene	mg/kg	0.025 U	0.033	10/02/15 05:02	
Benzo(g,h,i)perylene	mg/kg	0.0038 U	0.033	10/02/15 05:02	
Benzo(k)fluoranthene	mg/kg	0.0071 U	0.033	10/02/15 05:02	
Chrysene	mg/kg	0.0040 U	0.033	10/02/15 05:02	
Dibenz(a,h)anthracene	mg/kg	0.0051 U	0.033	10/02/15 05:02	
Fluoranthene	mg/kg	0.0045 U	0.033	10/02/15 05:02	
Fluorene	mg/kg	0.0043 U	0.033	10/02/15 05:02	
Indeno(1,2,3-cd)pyrene	mg/kg	0.0058 U	0.033	10/02/15 05:02	
Naphthalene	mg/kg	0.011 U	0.033	10/02/15 05:02	
Phenanthrene	mg/kg	0.012 U	0.033	10/02/15 05:02	
Pyrene	mg/kg	0.0035 U	0.033	10/02/15 05:02	
2-Fluorobiphenyl (S)	%	81	18-110	10/02/15 05:02	
Nitrobenzene-d5 (S)	%	67	10-110	10/02/15 05:02	
Terphenyl-d14 (S)	%	95	10-123	10/02/15 05:02	

LABORATORY CONTROL SAMPLE: 1348311

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	mg/kg	1.7	1.4	85	49-130	
2-Methylnaphthalene	mg/kg	1.7	1.4	83	48-130	
Acenaphthene	mg/kg	1.7	1.3	80	47-145	
Acenaphthylene	mg/kg	1.7	1.4	86	33-145	
Anthracene	mg/kg	1.7	1.4	85	27-133	
Benzo(a)anthracene	mg/kg	1.7	1.4	86	33-143	
Benzo(a)pyrene	mg/kg	1.7	1.5	90	17-163	
Benzo(b)fluoranthene	mg/kg	1.7	1.4	86	24-159	
Benzo(g,h,i)perylene	mg/kg	1.7	1.4	85	10-219	
Benzo(k)fluoranthene	mg/kg	1.7	1.4	85	11-162	
Chrysene	mg/kg	1.7	1.4	87	17-168	
Dibenz(a,h)anthracene	mg/kg	1.7	1.5	89	10-227	
Fluoranthene	mg/kg	1.7	1.5	89	26-137	

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QUALITY CONTROL DATA

Project: Building 517 (CCFTB-038)
Pace Project No.: 35209602

LABORATORY CONTROL SAMPLE: 1348311

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Fluorene	mg/kg	1.7	1.4	86	59-121	
Indeno(1,2,3-cd)pyrene	mg/kg	1.7	1.5	88	10-171	
Naphthalene	mg/kg	1.7	1.3	77	21-133	
Phenanthrene	mg/kg	1.7	1.4	85	54-120	
Pyrene	mg/kg	1.7	1.4	83	56-130	
2-Fluorobiphenyl (S)	%			86	18-110	
Nitrobenzene-d5 (S)	%			70	10-110	
Terphenyl-d14 (S)	%			89	10-123	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1348698 1348699

Parameter	Units	35209273001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	mg/kg	0.0059 U	1.8	1.8	1.5	1.6	83	89	27-123	7	40	
2-Methylnaphthalene	mg/kg	0.0047 U	1.8	1.8	1.4	1.5	79	84	16-137	7	40	
Acenaphthene	mg/kg	0.0052 U	1.8	1.8	1.3	1.4	76	80	37-120	6	40	
Acenaphthylene	mg/kg	0.0037 U	1.8	1.8	1.4	1.5	81	84	41-120	4	40	
Anthracene	mg/kg	0.0049 U	1.8	1.8	1.5	1.5	84	85	45-120	1	40	
Benzo(a)anthracene	mg/kg	0.0043 U	1.8	1.8	1.5	1.5	84	85	44-120	1	40	
Benzo(a)pyrene	mg/kg	0.0042 U	1.8	1.8	1.6	1.6	90	89	44-123	0	40	
Benzo(b)fluoranthene	mg/kg	0.027 U	1.8	1.8	1.4	1.4	80	79	37-124	1	40	
Benzo(g,h,i)perylene	mg/kg	0.0041 U	1.8	1.8	1.4	1.4	78	76	42-125	2	40	
Benzo(k)fluoranthene	mg/kg	0.0077 U	1.8	1.8	1.6	1.7	89	93	44-126	4	40	
Chrysene	mg/kg	0.0042 U	1.8	1.8	1.6	1.6	88	87	45-120	1	40	
Dibenz(a,h)anthracene	mg/kg	0.0054 U	1.8	1.8	1.5	1.5	85	85	43-124	1	40	
Fluoranthene	mg/kg	0.0048 U	1.8	1.8	1.6	1.6	89	87	45-120	2	40	
Fluorene	mg/kg	0.0046 U	1.8	1.8	1.5	1.5	83	85	42-120	2	40	
Indeno(1,2,3-cd)pyrene	mg/kg	0.0062 U	1.8	1.8	1.5	1.5	83	83	43-123	0	40	
Naphthalene	mg/kg	0.011 U	1.8	1.8	1.3	1.4	74	78	40-120	6	40	
Phenanthrene	mg/kg	0.013 U	1.8	1.8	1.5	1.5	82	83	36-125	2	40	
Pyrene	mg/kg	0.0038 U	1.8	1.8	1.5	1.5	85	87	41-123	1	40	
2-Fluorobiphenyl (S)	%						74	78	18-110			
Nitrobenzene-d5 (S)	%						56	63	10-110			
Terphenyl-d14 (S)	%						83	83	10-123			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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Ormond Beach, FL 32174
(386)672-5668

QUALITY CONTROL DATA

Project: Building 517 (CCFTB-038)
Pace Project No.: 35209602

QC Batch: PMST/3960 | Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 | Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 35209602001, 35209602002, 35209602003, 35209602004, 35209602005, 35209602006, 35209602007, 35209602008, 35209602009, 35209602010, 35209602011, 35209602012

SAMPLE DUPLICATE: 1352294

Parameter	Units	35209602001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	21.6	20.2	7	10	

SAMPLE DUPLICATE: 1352295

Parameter	Units	35209602011 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	19.4	16.9	13	10	J(D6)

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALIFIERS

Project: Building 517 (CCFTB-038)
Pace Project No.: 35209602

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-N	Pace Analytical Services - New Orleans
PASI-O	Pace Analytical Services - Ormond Beach

ANALYTE QUALIFIERS

I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
U	Compound was analyzed for but not detected.
C0	Result confirmed by second analysis.
J(D6)	Estimated Value. The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.
J(IS)	Estimated Value. The internal standard recovery associated with this result exceeds the lower control limit. The reported result should be considered an estimated value.
J(M1)	Estimated Value. Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
J(S5)	Estimated Value. Surrogate recovery outside control limits due to matrix interferences (not confirmed by re-analysis).

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Building 517 (CCFTB-038)
Pace Project No.: 35209602

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35209602001	**SS-026-0.5'**	EPA 3546	OEXT/6868	EPA 8015B Modified	GCSV/5070
35209602002	**SS-027-0.5'**	EPA 3546	OEXT/6868	EPA 8015B Modified	GCSV/5070
35209602003	**SS-028-0.5'**	EPA 3546	OEXT/6868	EPA 8015B Modified	GCSV/5070
35209602004	**SS-029-1'**	EPA 3546	OEXT/6868	EPA 8015B Modified	GCSV/5070
35209602005	**SS-030-0.5 1/2'**	EPA 3546	OEXT/6868	EPA 8015B Modified	GCSV/5070
35209602006	**SS-031-0.5'**	EPA 3546	OEXT/6868	EPA 8015B Modified	GCSV/5070
35209602007	**SS-032-0.5'**	EPA 3546	OEXT/6868	EPA 8015B Modified	GCSV/5070
35209602008	**SS-033-0.5'**	EPA 3546	OEXT/6868	EPA 8015B Modified	GCSV/5070
35209602009	**SS-034-1'**	EPA 3546	OEXT/6868	EPA 8015B Modified	GCSV/5070
35209602010	**SS-035-2.5'**	EPA 3546	OEXT/6868	EPA 8015B Modified	GCSV/5070
35209602011	**SS-036-1'**	EPA 3546	OEXT/6868	EPA 8015B Modified	GCSV/5070
35209602012	**Dup-04**	EPA 3546	OEXT/6868	EPA 8015B Modified	GCSV/5070
35209602001	**SS-026-0.5'**	EPA 5035A/5030B	GCV/2345	EPA 8015/8021	GCV/2346
35209602002	**SS-027-0.5'**	EPA 5035A/5030B	GCV/2345	EPA 8015/8021	GCV/2346
35209602003	**SS-028-0.5'**	EPA 5035A/5030B	GCV/2345	EPA 8015/8021	GCV/2346
35209602004	**SS-029-1'**	EPA 5035A/5030B	GCV/2345	EPA 8015/8021	GCV/2346
35209602005	**SS-030-0.5 1/2'**	EPA 5035A/5030B	GCV/2345	EPA 8015/8021	GCV/2346
35209602006	**SS-031-0.5'**	EPA 5035A/5030B	GCV/2345	EPA 8015/8021	GCV/2346
35209602007	**SS-032-0.5'**	EPA 5035A/5030B	GCV/2345	EPA 8015/8021	GCV/2346
35209602008	**SS-033-0.5'**	EPA 5035A/5030B	GCV/2345	EPA 8015/8021	GCV/2346
35209602009	**SS-034-1'**	EPA 5035A/5030B	GCV/2345	EPA 8015/8021	GCV/2346
35209602010	**SS-035-2.5'**	EPA 5035A/5030B	GCV/2345	EPA 8015/8021	GCV/2346
35209602011	**SS-036-1'**	EPA 5035A/5030B	GCV/2345	EPA 8015/8021	GCV/2346
35209602012	**Dup-04**	EPA 5035A/5030B	GCV/2345	EPA 8015/8021	GCV/2346
35209602001	**SS-026-0.5'**	EPA 3546	OEXT/24578	EPA 8270	MSSV/8553
35209602002	**SS-027-0.5'**	EPA 3546	OEXT/24578	EPA 8270	MSSV/8553
35209602003	**SS-028-0.5'**	EPA 3546	OEXT/24578	EPA 8270	MSSV/8553
35209602004	**SS-029-1'**	EPA 3546	OEXT/24578	EPA 8270	MSSV/8553
35209602005	**SS-030-0.5 1/2'**	EPA 3546	OEXT/24578	EPA 8270	MSSV/8553
35209602006	**SS-031-0.5'**	EPA 3546	OEXT/24578	EPA 8270	MSSV/8553
35209602007	**SS-032-0.5'**	EPA 3546	OEXT/24578	EPA 8270	MSSV/8553
35209602008	**SS-033-0.5'**	EPA 3546	OEXT/24578	EPA 8270	MSSV/8553
35209602009	**SS-034-1'**	EPA 3546	OEXT/24578	EPA 8270	MSSV/8553
35209602010	**SS-035-2.5'**	EPA 3546	OEXT/24578	EPA 8270	MSSV/8553
35209602011	**SS-036-1'**	EPA 3546	OEXT/24578	EPA 8270	MSSV/8553
35209602012	**Dup-04**	EPA 3546	OEXT/24578	EPA 8270	MSSV/8553
35209602001	**SS-026-0.5'**	EPA 8260	MSV/16208		
35209602002	**SS-027-0.5'**	EPA 8260	MSV/16208		
35209602003	**SS-028-0.5'**	EPA 8260	MSV/16208		
35209602004	**SS-029-1'**	EPA 8260	MSV/16208		
35209602005	**SS-030-0.5 1/2'**	EPA 8260	MSV/16208		
35209602006	**SS-031-0.5'**	EPA 8260	MSV/16208		
35209602007	**SS-032-0.5'**	EPA 8260	MSV/16208		
35209602008	**SS-033-0.5'**	EPA 8260	MSV/16208		
35209602009	**SS-034-1'**	EPA 8260	MSV/16208		
35209602010	**SS-035-2.5'**	EPA 8260	MSV/16208		
35209602011	**SS-036-1'**	EPA 8260	MSV/16208		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Building 517 (CCFTB-038)
Pace Project No.: 35209602

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35209602012	**Dup-04**	EPA 8260	MSV/16208		
35209602013	**Trip Blank**	EPA 8260	MSV/16221		
35209602001	**SS-026-0.5'**	ASTM D2974-87	PMST/3960		
35209602002	**SS-027-0.5'**	ASTM D2974-87	PMST/3960		
35209602003	**SS-028-0.5'**	ASTM D2974-87	PMST/3960		
35209602004	**SS-029-1'**	ASTM D2974-87	PMST/3960		
35209602005	**SS-030-0.5 1/2'**	ASTM D2974-87	PMST/3960		
35209602006	**SS-031-0.5'**	ASTM D2974-87	PMST/3960		
35209602007	**SS-032-0.5'**	ASTM D2974-87	PMST/3960		
35209602008	**SS-033-0.5'**	ASTM D2974-87	PMST/3960		
35209602009	**SS-034-1'**	ASTM D2974-87	PMST/3960		
35209602010	**SS-035-2.5'**	ASTM D2974-87	PMST/3960		
35209602011	**SS-036-1'**	ASTM D2974-87	PMST/3960		
35209602012	**Dup-04**	ASTM D2974-87	PMST/3960		

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The ... pleted accurately.

WO# : 35209602

35209602

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1872338

Section A Required Client Information:

Company:	Aerostar SES LLC
Address:	11181 St. Johns Industrial Pkwy. N. Jax FL 32246
Email To:	rlevin@aerostar.net
Phone:	904-565-2820
Fax:	904-565-2830
Requested Due Date/TAT:	

Section B Required Project Information:

Report To:	Rick Levin
Copy To:	
Purchase Order No.:	M3010.0607.0011.09
Project Name:	Building 517 (CCFTB-038)
Project Number:	M3010.0607.0011.09

Attention:	Tommy Carr
Company Name:	Intra Labs, Inc.
Address:	1909 Southhampton Rd. FL
Pace Quote Reference:	Container ID. #79303
Pace Project Manager:	Sakina McKenzie
Pace Profile #:	

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER _____

Site Location STATE: PR Fort Buchanan

Section D Required Client Information

Matrix Codes MATRIX / CODE: Drinking Water DW, Water WT, Waste Water WW, Product P, Soil/Solid SL, Oil OL, Wipe WP, Air AR, Tissue TS, Other OT

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N)	8260 VOC Soil	8270 DRO/ORO/PAH	SIM	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	SS-026-0.5'	SL	G	9/29/			852		4							✓			✓	✓			
2	SS-027-0.5'	SL	G				903		4							✓			✓	✓			
3	SS-028-0.5'	SL	G				0912		4							✓			✓	✓			
4	SS-029-1'	SL	G				0922		4							✓			✓	✓			
5	SS-030-0.5'/2'	SL	G				1004		4							✓			✓	✓			
6	SS-031-0.5'	SL	G				11:06		4							✓			✓	✓			
7	SS-032-0.5	SL	G				11:12		4							✓			✓	✓			
8	SS-033-0.5	SL	G				11:20		4							✓			✓	✓			
9	SS-034-1'	SL	G				11:30		4							✓			✓	✓			
10	SS-035-2.5'	SL	G				11:40		4							✓			✓	✓			
11	SS-036-1'	SL	G				11:55		4							✓			✓	✓			
12	Dup-04	SL	G	9/29			1200		4							✓			✓	✓			

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
SAMPLING KIT-EMPTY	[signature]	9-15	1600	[signature]	9/28/15	11:00				
Samples	[signature]	9/29/15	1436	[signature] /pace	9/29/15	14:36				
	[signature] /pace	9/29/15	17:00	SP	9/30/15	1140	5.3 T212	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Joel Morales

SIGNATURE of SAMPLER: [signature]

DATE Signed (MM/DD/YY): 9/29/15

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: of

1947592

Section A Required Client Information:

Company: Aerostar SES LLC
Address: 111 81 St. Johns Ind. Pkwy N. Jax FL 32246
Email To: rlejin@aerostar.net
Phone: 904-565-2820 Fax: 904-565-2830
Requested Due Date/TAT:

Section B Required Project Information:

Report To: Rick LeJin
Copy To:
Purchase Order No.:
Project Name: Building 517 (CC FTB-038)
Project Number: M3010.0607.0011.05

Section C Invoice Information:

Attention: Tommy Carr
Company Name: Intra Labs, Inc.
Address: 1909 South Hampton Rd. FL
Pace Quote Reference: Contract O. # 71303
Pace Project Manager: Sakina MacKenzie
Pace Profile #:

REGULATORY AGENCY: ☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER ☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: PR Fort Buchanan

Requested Analysis Filtered (Y/N)

Section D Required Client Information

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Matrix Codes MATRIX / CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start DATE	COLLECTED Composite Start TIME	COLLECTED Composite End/Grab DATE	COLLECTED Composite End/Grab TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test: 8260 VOC (Y/N)	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	Trip Blank 9/29/15	WT	G	9/23/15					2									✓		
2																				
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
Samples	[signature]	9/29/15	1436	[signature] Pace	9/29/15	14:36				
	[signature] Pace	9/29/15	17:00	[signature]	9/30/15	1140	5.3 T212	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Joel Mosley

SIGNATURE of SAMPLER: [signature]

DATE Signed (MM/DD/YY): 9/29/15

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

Pace Analytical Florida Laboratory	Document Name: Sample Condition Upon Receipt Form	Document Revised: August 11, 2014
	Document No.: F-FL-C-007 rev. 06	Issuing Authority: Pace Florida Quality Office

Sample Condition Upon Receipt Form (SCUR)

Table Number: _____

Client Name: Intralabs Project # 35209602

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other _____

Tracking # 8658 6460 5309

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

Date and Initials of person examining contents: 9/30/15 SB

Packing Material: ☑ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other _____

Thermometer Used T212 Type of Ice: (Wet) Blue None

Cooler Temperature °C 5.3 (Visual) Ø (Correction Factor) 5.3 (Actual)

(Temp should be above freezing to 6°C). If below 0°C, then was sample frozen? ☐ Yes ☐ No

Receipt of samples satisfactory: ☒ Yes ☐ No Rush TAT requested on COC:

If yes, then all conditions below were met:	If no, then mark box & describe issue (use comments area if necessary):
Chain of Custody Present	☐
Chain of Custody Filled Out	☐
Relinquished Signature & Sampler Name COC	☐
Samples Arrived within Hold Time	☐
Sufficient Volume	☐
Correct Containers Used	☐
Containers Intact	☐
Sample Labels match COC (sample IDs & date/time of collection)	☐ No Labels: ☐ No Time/Date on Labels: ☐
All containers needing preservation are found to be in compliance with EPA recommendation.	☐
No Headspace in VOA Vials (>6mm):	☐

Client Notification/ Resolution:

Person Contacted: _____ Date/Time: _____

Comments/ Resolution (use back for additional comments):

* limited volume for soils - only one 4oz jar
* updated test to DRO + GRO + (incorrect containers for GRO)

Project Manager Review: _____ Date: _____

Finished Product Information Only

F.P. Sample ID: _____

Production Code: _____

Date/Time Opened: _____

Number of Unopened Bottles Remaining: _____

Extra Sample in Shed: Yes No

Size & Qty of Bottles Received

_____ x 5 Gal
_____ x 2.5 Gal
_____ x 1 Gal
_____ x 1 Liter
_____ x 500 mL
_____ x 250 mL
_____ x Other: _____