SCS ENGINEERS







Site Assessment Report
Gerry Curtis Park (HWR-777)

1901 NW 24th Avenue
Miami, Florida

Prepared for:

City of Miami

Miami Riverside Center
444 Southwest 2nd Avenue, 8th Floor
Miami, Florida 33130

Prepared by:

SCS Engineers
7700 North Kendall Drive, Suite 300
Miami, Florida 33156
(305) 412-8185

April 21, 2014
File No. 09213010.24

Offices Nationwide
www.scsengineers.com

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April 21, 2014
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INTRODUCTION

SCS Engineers (SCS), on behalf of the City of Miami (City), prepared this site assessment report (SAR) for Gerry Curtis Park (site), located at 1901 NW 24th Avenue, Miami, Florida, pursuant to the Department of Regulatory and Economic Resources, Division of Environmental Resources Management (DERM) January 6 and January 30, 2014, letters (**Appendix A**). Sampling and analysis was conducted in accordance with the February 13, 2014 sampling plan and DERM's February 19, 2014 modifications (**Appendix B**).

BACKGROUND

Gerry Curtis Park is an approximately 25-acre park, which includes a football field, baseball field, basketball courts, a playground and a swimming pool. See **Figure 1** for a Site Location Map depicting the location of the site with respect to local landmarks.

On December 17 and 20, 2013, inspections were conducted at the site as part of a screening effort of City-owned parks to identify sites potentially impacted by incinerator ash. During the inspections, solid waste was observed at the surface in non-vegetated areas. In response to the findings, the City closed the park to the public on December 20, 2013. On December 23, 2013, SCS collected seven soil samples (Curtis 1-7) from the zero to six inch (0-0.5') interval for analyses targeting barium, cadmium, aluminum, antimony, arsenic, chromium, copper, iron, lead and mercury. Soil analyses confirmed the presence of antimony, arsenic, barium, copper, iron and lead above the soil cleanup target levels (SCTLs); these results are included on summary tables provided herein. In response to these findings and the requirements stipulated in the above-referenced DERM letters, visual solid waste delineation, soil assessment, groundwater assessment and localized source removal were conducted, as detailed below.

SURROUNDING AREA WELL SURVEY

On March 18, 2014, an Area of Interest Report was received from the South Florida Water Management District (SFWMD). The report indicated that there are no water use permits on file for potable/non-potable wells located within an approximately one-mile radius of the site. A copy of the Area of Interest Report is provided in **Appendix C**.

SOURCE REMOVAL

Due to concentrations reported in soil sample Curtis 4 (0-0.5') collected on December 23, 2013, and in accordance with the January 30, 2014 DERM correspondence, a localized source removal was conducted by a City contractor on February 3, 2014. An approximately 270-square foot area was excavated to a depth of 2 feet below ground surface (bgs). Approximately 23 tons of excavated material was disposed at Medley Landfill and the excavation was backfilled with clean fill from Tropical Sands, Inc. to bring the area back to grade. Soil sample Curtis 4 (0-0.5') was analyzed for Total Characteristic Leachate Procedure (TCLP) lead for disposal characterization. Results of the TCLP analysis demonstrated that the soil is not a RCRA hazardous waste. Copies of the disposal manifests and fill tickets are provided in **Appendix D**.

Prior to backfilling, SCS collected confirmation sidewall soil samples. Four soil samples, SB-4(1) through SB-4(4), were collected from the zero to six inch (0-0.5') interval and analyzed for antimony, arsenic, barium, chromium, copper, iron and lead. Concentrations were reported below the SCTLs, with the exception of arsenic which was reported between 7.0 mg/kg and 16 mg/kg.

SITE ASSESSMENT ACTIVITIES

Assessment activities were generally conducted in two phases: 1) visual solid waste delineation, and 2) soil sampling and analyses. Based on the findings from the visual delineation, a sampling and analysis plan was developed and submitted to DERM for approval, and was subsequently implemented. Some additional sampling requested by DERM, mainly in the baseball field, was conducted following the initial results discussed in the background section, to evaluate potential exposure in that portion of the park. The assessment activities are discussed below.

Visual Delineation of Solid Waste

An electromagnetic (EM) survey was conducted by Spotlight Geophysical Services at the site on January 24, 2014. The EM survey targeted the artificial turf football field, bonded rubber track and the immediately adjacent area, in an attempt to identify buried solid waste using a non-invasive method. A copy of the EM Survey is provided as **Appendix E**.

The buried solid waste in the remaining areas of the park was visually delineated using direct push soil borings. From January 27 through February 4, 2014, SCS advanced approximately 170 soil borings throughout the park, including the pool and boat ramp area located south of North NW River Drive and the empty lot east of the baseball field. Based on the size of the park, a sampling grid approximately 75 feet by 75 feet on center was used for horizontal delineation. Vertical delineation was accomplished by advancing each boring to the depth at which the solid waste terminated. **Figure 2** illustrates the delineation soil boring locations and the visible solid waste. The associated soil boring logs are provided as **Appendix F**. A summary of visible solid waste is presented on **Table 1**.

Soil and Groundwater Sampling

Pursuant to DERM's request, SCS advanced nine soil borings (SB-8 through SB-17) using the direct push method within the limits of the baseball field on January 31, 2014. Soil samples were collected from the zero to six inch (0-0.5') and six inch to two foot (0.5'-2') intervals at each of the ten locations.

In accordance with the February 19, 2014 sampling plan approval, SCS advanced 63 soil borings (SB-18 through SB-81) and sampled four temporary groundwater monitoring wells. Soil samples were collected from each boring location at varying intervals from land surface to a maximum depth of two feet bgs for laboratory analyses. **Figure 3** illustrates the soil and groundwater sampling locations. The table provided in the February 13, 2014 sampling plan (**Appendix B**) presents the soil intervals collected at each boring location. Soil boring logs are provided as **Appendix F**.

Investigation-derived wastes (IDW - excess soil not used for analyses, and decontamination, development and purge water) accumulated during assessment efforts were placed in 55-gallon drums for proper off-site disposal. The drums will remain onsite in a secure location until assessment is deemed complete.

Laboratory Analyses

Laboratory analytical reports, including quality control information, chain-of-custody records and benzo(a)pyrene and dioxin conversion tables are provided in **Appendix G**. Samples were analyzed by TestAmerica, a NELAC accredited laboratory, as follows (see also the sampling plan table provided in **Appendix B**):

- Soil samples SB-8 through SB-17 were analyzed for antimony, arsenic, barium, copper, lead and polycyclic aromatic hydrocarbons (PAHs).
- Soil samples SB-18 through SB-81 were analyzed for antimony, arsenic, barium, copper, iron, and lead. In addition, select samples within the solid waste footprint were analyzed for aluminum, cadmium, chromium, mercury, selenium, silver, polychlorinated biphenyl (PCBs) and dioxins.
- Groundwater samples TMW-1 through TMW-4 were analyzed for aluminum, antimony, arsenic, barium, cadmium, chromium, copper, iron, lead, mercury, selenium, silver, PCBs and dioxins.

RESULTS AND DISCUSSION

Delineation of Solid Waste

In general, surficial solid waste was observed in non-vegetated areas (i.e., around bases of trees and fences where herbicide is sprayed, and densely shaded areas, such as the playground and beneath bleachers). Buried solid waste was identified throughout the site predominantly from land surface to a depth of approximately four feet bgs, with the exception of the eastern parking lot and pool area, which exhibited localized areas of buried waste. Marginal areas of solid waste were observed below four feet bgs, to a depth of approximately eight feet. **Figure 2** illustrates the visual solid waste impacts.

Soil Analytical Results

Soil analytical results are summarized in **Tables 2** and **3** and depicted on **Figure 4** through **Figure 6.** Dioxin conversion tables are presented in **Appendix G. Figure 8** illustrates the depth of clean soil coverage based on the visual delineation and soil analytical data.

In general, samples collected onsite, in the right of way (ROW) east of the baseball field, and within the northern ROW (NW 20th Street) reported elevated levels of heavy metals, specifically antimony, arsenic, barium, copper, iron, and lead, above the residential SCTLs, primarily in soil samples with visible solid waste.

Results from soil samples that did not contain visible solid waste were generally reported as BDL or below the SCTLs, with the exception of some samples collected from intervals which

abutted an interval with observed solid waste. Arsenic was reported above the SCTL in several samples collected outside the solid waste footprint; however, the reported concentrations are within DERM's anthropogenic background range (Miami-Dade County Anthropogenic Background Study, April 3, 2014).

Dioxins, which were analyzed in a total of twenty-five samples, were reported above the residential SCTL in twelve samples and above the commercial SCTL in two samples, primarily in soil samples with visible solid waste. However, it is our understanding that the concentrations are less than the screening criteria utilized by the Florida Department of Health.

PAH concentrations from samples collected within the baseball field and its perimeter were reported below the detection limit (BDL) or below the SCTLs. PCBs, which were analyzed in select samples, were reported either BDL or below the SCTL.

Groundwater Analytical Results

Analytical results for groundwater samples are summarized in **Table 4** and depicted on **Figure 7.** Dioxin conversion tables are presented in **Appendix G**.

The samples collected from TMW-2 reported antimony above the groundwater cleanup target level (GCTL). The sample collected from TMW-3 exceeded the aluminum GCTL; however, it is unlikely that the elevated concentration is leaching from the soil since aluminum concentrations in soil are generally consistent with the anthropogenic background range. Iron was detected above the GCTL at TMW-1, TMW-3 and TMW-4, but within the natural background range (Background Concentrations of Iron in Groundwater in Miami-Dade County, December 8, 2005). The remaining COCs were reported BDL or below the GCTLs.

CONCLUSIONS AND RECOMMENDATIONS

Based on the findings above, SCS concludes the following:

- The extent of the solid waste footprint and the heavy metal impacts have been delineated onsite, with the exception of the eastern property boundary abutting the residential area and the northern ROW along NW 20th Street.
- There is sufficient onsite data to develop a Corrective Action Plan for the park.
- COC's do not appear to be leaching into the groundwater with the exception of antimony at TMW-2.

SCS recommends the following:

- Obtain offsite access as needed.
- Conduct soil sampling and analyses to the north and east within the upper two feet of soil near SB-72, SB-73, SB-76, SB-78, SB-79, SB-80 and SB-81 to complete delineation in these areas
- Install and sample a permanent monitoring well in the vicinity of TMW-2 and analyze for antimony

- Prepare a CAP for the park

FIGURES

M:\ESMASTER\City of Miami\Curtis Park\Drawings\FIG.1 SITE LOCATION MAP.dwg Apr 17, 2014 - 4:53pm Layout Name: Fig.1 By: 3618wcr

SCALE IN FEET 0 140 280

DRAWING NO. **Fig. 1** SHEET 1 of 8

SCALE: AS NOTED

DATE: 17-APRIL-2014

CADD FILE:

SCS ES CONSULTANTS
STEARNS, CONRAD AND SCHMIDT CONSULTING ENGINEERS, INC.
7700 N. KENDALL DRIVE, SUITE 300, MIAMI, FL 33156
PH. (305) 412-8185 FAX. (305) 412-8105
FL CERTIFICATE OF AUTHORIZATION NO. 00004892

PROJ. NO.	DWN. BY:	Q/A R/W BY:
09213010.20	WCR	MCP
DSN. BY: MCP	CHK. BY: MCP	APP. BY: EFS

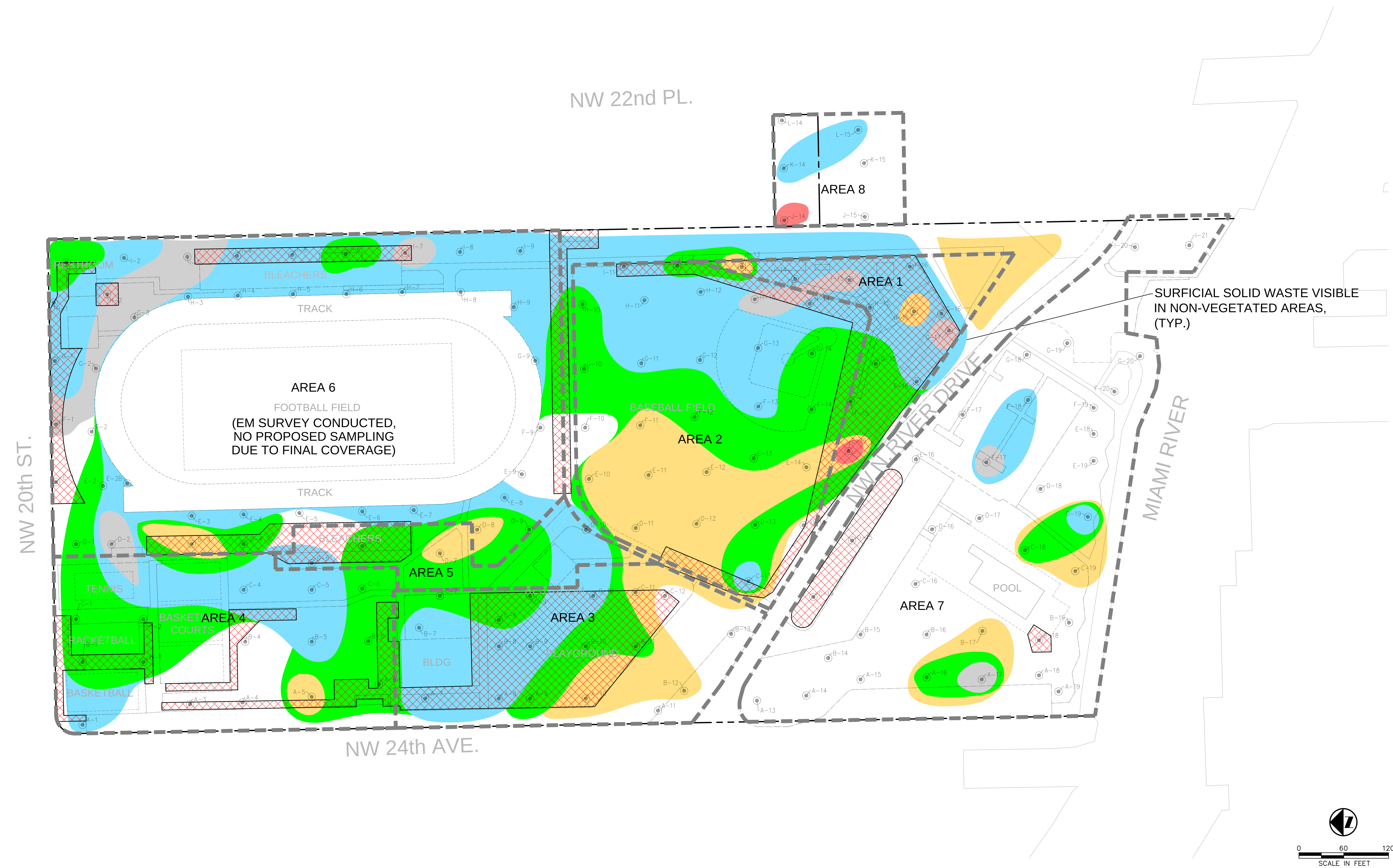
CLIENT: **CITY OF MIAMI**

SHEET TITLE: **SITE LOCATION MAP**

PROJECT TITLE: **CURTIS PARK**
1901 NW 24th AVE.
MIAMI, FL

REV	DATE	DESCRIPTION	CHK. BY
1			
2			
3			
4			
5			

LICENSE NO.



LEGEND

— · — · —	PROPERTY LINE
⊙	VISUAL DELINEATION SOIL BORINGS
▬ ▬ ▬	SAMPLING AREA LIMITS
(white)	NO SOLID WASTE WITHIN THE CORE
(red hatch)	SURFICIAL DEBRIS
(red)	SOLID WASTE @ 0–0.5 FT
(yellow)	SOLID WASTE @ 0.5–1.0 FT
(green)	SOLID WASTE @ 1.0–2.0 FT
(blue)	SOLID WASTE @ 2.0–4.0 FT
(gray)	SOLID WASTE @ 4.0 FT AND DEEPER

M:\ESMASTER\City of Miami\Curtis Park\Drawings\FIG.2 DELINEATION SB LOCATIONS & VISIBLE SOLID WASTE.dwg Apr 17, 2014 - 4:54pm Layout Name: layout By: 3618wcr

REV | DATE | DESCRIPTION | CHK. BY | LICENSE NO.

DELINEATION SOIL BORING LOCATIONS AND VISIBLE SOLID WASTE

PROJECT TITLE: CURTIS PARK 1901 NW 24th AVE. MIAMI, FL

CLIENT: CITY OF MIAMI

SCS ES CONSULTANTS
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PROJ. NO. 09213010.20 | DSN. BY: MCP | CHK. BY: MCP | DWN. BY: WCR | APP. BY: EFS | Q/A RVW BY: MCP

CADD FILE:

DATE: 17–APRIL–2014

SCALE: AS NOTED

DRAWING NO.

Fig. 2

SHEET 2 of 8

NW 22nd PL.

NW 24th AVE.

NW 20th ST.

NW N. RIVER DRIVE

MIAMI RIVER

RESTROOM

BLEACHERS

TRACK

FOOTBALL FIELD

BASEBALL FIELD

TRACK

BLEACHERS

TENNIS

BASKETBALL COURTS

RACKETBALL

BASKETBALL

RESTROOM

PLAYGROUND

BLDG

POOL

SB-1 SB-2 SB-3 SB-4 SB-5 SB-6 SB-7 SB-8 SB-9 SB-10 SB-11 SB-12 SB-13 SB-14 SB-15 SB-16 SB-17 SB-18 SB-19 SB-20 SB-21 SB-22 SB-23 SB-24 SB-25 SB-26 SB-27 SB-28 SB-29 SB-30 SB-31 SB-32 SB-33 SB-34 SB-35 SB-36 SB-37 SB-38 SB-39 SB-40 SB-41 SB-42 SB-43 SB-44 SB-45 SB-46 SB-47 SB-48 SB-49 SB-50 SB-51 SB-52 SB-53 SB-54 SB-55 SB-56 SB-57 SB-58 SB-59 SB-60 SB-61 SB-62 SB-63 SB-64 SB-65 SB-66 SB-67 SB-68 SB-69 SB-70 SB-71 SB-72 SB-73 SB-74 SB-75 SB-76 SB-77 SB-78 SB-79 SB-80 SB-81

TMW-1 TMW-2 TMW-3 TMW-4

LEGEND

- PROPERTY LINE
- VISUAL DELINEATION SOIL BORINGS
- SOIL BORING LOCATION
- TEMPORARY MONITORING WELL LOCATION

0 60 120
SCALE IN FEET

REV	DATE	DESCRIPTION	CHK. BY

LICENSE NO.

SHEET TITLE: **SOIL SAMPLE AND MONITORING WELL LOCATIONS**

PROJECT TITLE: **CURTIS PARK 1901 NW 24th AVE. MIAMI, FL**

CLIENT: **CITY OF MIAMI**

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PROJ. NO. 09213010.20 | DWN. BY: WCR | Q/A R/W BY: MCP | CHK. BY: MCP | APP. BY: EFS | DSN. BY: MCP

CADD FILE:

DATE: 17–APRIL–2014

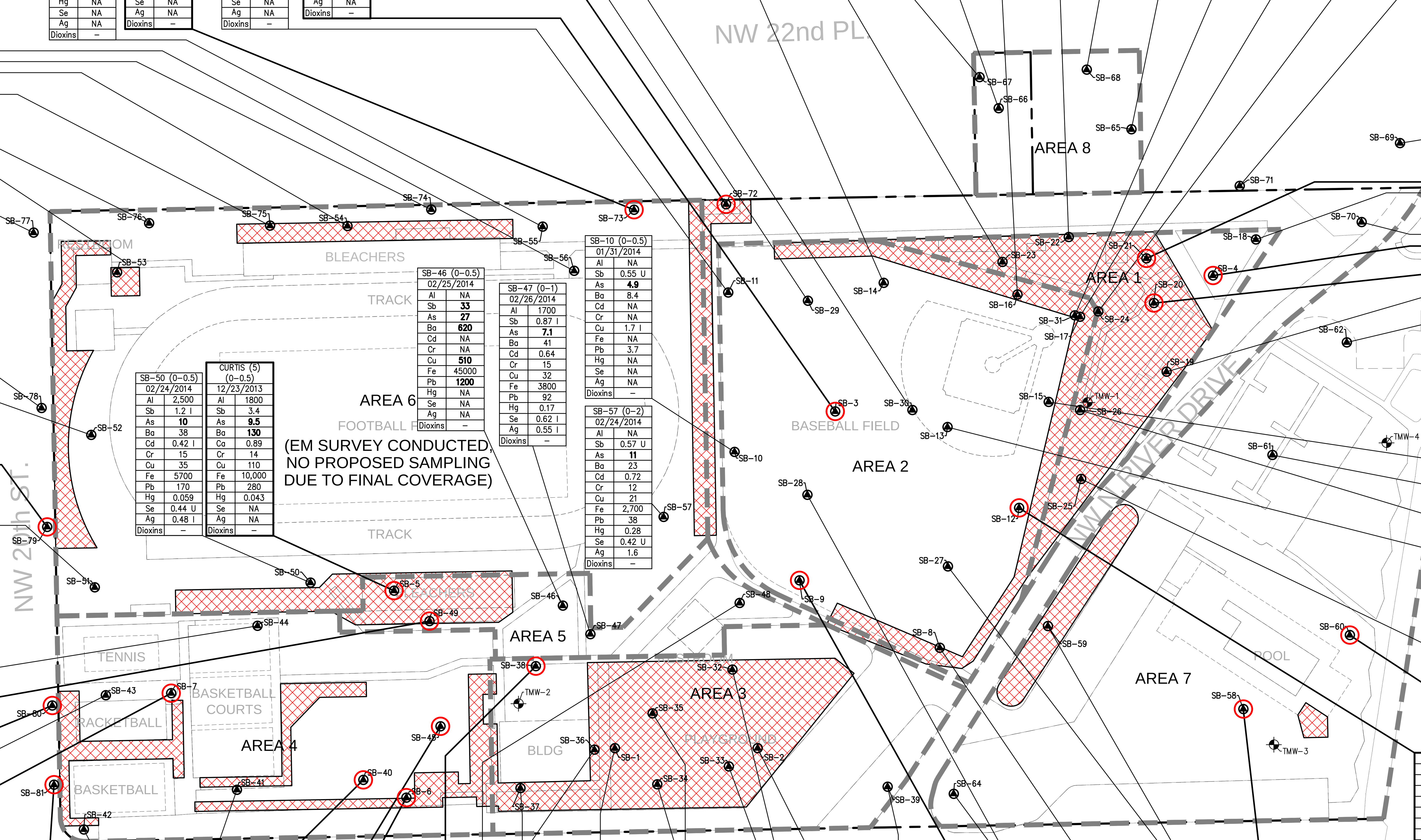
SCALE: AS NOTED

DRAWING NO. **Fig. 3**

SHEET **3** of **8**

M:\ESMASTER\City of Miami\Curtis Park\Drawings\FIG.3 SOIL SAMPLE AND MONITORING WELL LOCATIONS.dwg Apr 17, 2014 – 4:54pm Layout Name: Fig.3 By: 3618wcr

SOIL ANALYTICAL SUMMARY (0-0.5)



Sample ID	SB-14 (0-0.5)	SB-23 (0-0.5)	SB-67 (0-2)	SB-66 (0-2)	SB-16 (0-0.5)	SB-22 (0-0.5)	SB-68 (0-2)	SB-65 (0-0.5)
Date	01/31/2014	02/25/2014	02/25/2014	02/25/2014	01/31/2014	02/25/2014	02/25/2014	02/25/2014
Al	NA	NA	1,400	1,300	NA	1700	NA	NA
Sb	0.60 U	1.7 I	0.55 U	0.52 U	0.59 U	1.4 I	0.55 U	0.58 U
As	**3.7**	**6.4**	**2.9**	1.4	**4.7**	**12**	0.69	**2.5**
Ba	8.2	51	17	7.3	8.9	25	6.8	13
Cd	NA	NA	0.23 I	0.18 I	NA	0.52 I	NA	NA
Cr	NA	NA	6.3	5.3	NA	7.70	NA	NA
Cu	11	53	8.1	8.0	6.4	34	2.7	26
Fe	NA	6400	4,000	1,500	NA	4,400	690	2000
Pb	20	130	20	62	11	82	5.8	40
Hg	NA	NA	0.044	0.042	NA	0.018 I	NA	NA
Se	NA	NA	0.40 U	0.38 U	NA	0.39 U	NA	NA
Ag	NA	NA	0.42 U	0.20 U	NA	0.20 U	NA	NA
Dioxins	–	–	–	–	–	–	–	–

Sample ID	SB-31 (0-1)	SB-17 (0-0.5)	SB-24 (0-0.5)	SB-71 (0-0.5)	SB-4 (1)	SB-4 (2)	SB-4 (3)	SB-4 (4)
Date	02/25/2014	01/31/2014	02/25/2014	02/26/2014	02/03/2014	02/03/2014	02/03/2014	02/03/2014
Al	NA	NA	4200	NA	NA	NA	NA	NA
Sb	0.86 I	0.59 U	3.6	0.82 I	3.1	5.2	2.0 I	*5.3*
As	**21**	**5.7**	**12**	**3.2**	**16**	**8.7**	**8.4**	**7.0**
Ba	26	8.5	79	27	57	89	56	75
Cd	NA	NA	0.87	NA	NA	NA	NA	NA
Cr	NA	NA	20	NA	13	14	9.9	25
Cu	40	9.8	120	31	59	92	52	78
Fe	7,300	NA	13,000	2,700	7,100	11,000	6,700	8,200
Pb	70	19	260	60	130	380	160	180
Hg	NA	NA	0.10	NA	NA	NA	NA	NA
Se	NA	NA	0.47 U	NA	NA	NA	NA	NA
Ag	NA	NA	1.0 I	NA	NA	NA	NA	NA
Dioxins	–	–	–	–	NS	NS	NS	NS

SB-4 (0-0.5)
DATA SOURCE REMOVAL AREA

Sample ID	SB-76 (0-0.5)	SB-75 (0-0.5)	SB-54 (0-0.5)	SB-74 (0-0.5)	SB-56 (0-2)	SB-55 (0-0.5)	SB-73 (0-0.5)	SB-11 (0-0.5)
Date	02/26/2014	02/26/2014	02/24/2014	02/26/2014	02/24/2014	02/24/2014	02/26/2014	01/31/2014
Al	NA	NA	NA	NA	1,300	NA	NA	NA
Sb	2.9	1.5 I	2.0 I	2.4	3.20	0.69 U	*6.6*	0.60 U
As	**5.9**	**12**	**8.6**	**20**	**28**	**4.5**	**12**	**5.1**
Ba	51	40	63	50	78	27	**160**	18
Cd	NA	NA	NA	NA	0.38 I	NA	NA	NA
Cr	NA	NA	NA	NA	9.1	NA	NA	NA
Cu	55	73	69	130	71	15	**540**	16
Fe	4,300	6,000	7000	15,000	7800	3,100	19,000	NA
Pb	100	110	120	250	170	40	280	42
Hg	NA	NA	NA	NA	0.040	NA	NA	NA
Se	NA	NA	NA	NA	0.42 U	NA	NA	NA
Ag	NA	NA	NA	NA	0.43 I	NA	NA	NA
Dioxins	–	–	–	–	–	–	–	–

Sample ID	SB-72 (0-0.5)	SB-29 (0-1)	SB-30 (0-1)	SB-69 (0-0.5)	SB-21 (0-0.5)	SB-18 (0-0.5)	SB-63 (0-2)	SB-53 (0-0.5)
Date	02/26/2014	02/25/2014	02/25/2014	02/26/2014	02/25/2014	02/25/2014	02/24/2014	02/24/2014
Al	NA	NA	NA	NA	NA	2,500	NA	NA
Sb	*10*	1.9 I	0.58 U	0.63 U	*5.5*	0.74 U	0.56 U	*5.9 I*
As	**23**	**7.8**	**13**	**3.8**	**11**	1.8	1.3	**17**
Ba	**420**	50	6.6	31	120	27	6.3	84
Cd	NA	NA	NA	NA	NA	0.23 I	NA	NA
Cr	NA	NA	NA	NA	NA	8.5	NA	NA
Cu	**350**	52	5.0	33	**160**	23	8.0	95
Fe	29,000	7,500	10,000	2,900	12,000	2,300	1,600	40,000
Pb	**840**	140	12	78	340	24	15	370
Hg	NA	NA	NA	NA	NA	0.032 I	NA	NA
Se	NA	NA	NA	NA	NA	0.79 I	NA	NA
Ag	NA	NA	NA	NA	NA	0.28 U	NA	NA
Dioxins	**13.12**	–	4.70	–	–	–	–	–

Sample ID	SB-77 (0-0.5)	SB-52 (0-2)	SB-78 (0-0.5)	SB-79 (0-0.5)	SB-51 (0-1)	SB-50 (0-0.5)	SB-46 (0-0.5)	SB-47 (0-1)
Date	02/26/2014	02/24/2014	02/26/2014	02/26/2014	02/24/2014	02/24/2014	02/25/2014	02/26/2014
Al	NA	2,000	NA	NA	NA	2,500	NA	1700
Sb	*5.6*	1.4 I	3.4	*9.2*	2.9	1.2 I	**33**	0.87 I
As	**26**	**15**	**6.8**	**29**	**33**	**10**	**27**	**7.1**
Ba	80	46	69	**350**	110	38	**620**	41
Cd	NA	0.25 I	NA	NA	NA	0.42 I	NA	0.64
Cr	NA	7.8	NA	NA	NA	15	NA	15
Cu	75	39	78	**260**	81	35	**510**	32
Fe	8,200	9,600	8,300	37,000	7,800	5700	45000	3800
Pb	190	95	170	**780**	310	170	**1200**	92
Hg	NA	0.030 I	NA	NA	NA	0.059	NA	0.17
Se	NA	0.44 U	NA	NA	NA	0.44 U	NA	0.62 I
Ag	NA	0.23 U	NA	NA	NA	0.48 I	NA	0.55 I
Dioxins	–	–	–	–	–	–	–	–

Sample ID	SB-10 (0-0.5)	SB-57 (0-2)	SB-62 (0-2)	SB-19 (0-0.75)	SB-20 (0-0.5)	SB-70 (0-0.5)	SB-61 (0-2)	SB-15 (0-0.5)
Date	01/31/2014	02/24/2014	02/24/2014	02/25/2014	02/25/2014	02/26/2014	02/24/2014	01/31/2014
Al	NA	NA	1,400	NA	2,700	NA	NA	2,200
Sb	0.55 U	0.57 U	0.51 U	3.0	*10 I*	2.9	0.54 U	0.78 I
As	**4.9**	**11**	1.2	**10**	**20**	**24**	1.5	**20**
Ba	8.4	23	7.9	61	**430**	54	13	21
Cd	NA	0.72	0.16 I	NA	3.3	NA	NA	0.51 I
Cr	NA	12	6.4	NA	**52**	NA	NA	12
Cu	1.7 I	21	11	130	**410**	93	15	28
Fe	NA	2,700	1,200	11,000	**68,000**	23,000	1,600	4,300
Pb	3.7	38	31	240	**1,500**	370	32	70
Hg	NA	0.28	0.063	NA	0.12	NA	NA	0.042
Se	NA	0.42 U	0.38 U	NA	2.4 U	NA	NA	NA
Ag	NA	1.6	0.19 U	NA	6.0 I	NA	NA	NA
Dioxins	–	–	–	–	**11.69**	**21.33**	–	–
B(a)P TEQs								0.0

Sample ID	SB-26 (0-0.5)	SB-13 (0-0.5)	SB-25 (0-0.5)	SB-60 (0-0.5)	SB-12 (0-0.5)	SB-58 (0-0.5)	SB-59 (0-0.5)	SB-27 (0-1)
Date	02/25/2014	01/31/2014	02/25/2014	02/24/2014	01/31/2014	02/24/2014	02/24/2014	02/25/2014
Al	NA	NA	NA	1,400	3,800	3,500	NA	NA
Sb	1.4 I	1.1 U	0.58 U	*5.8*	*9.0*	*10*	4.7	2.2 I
As	**5.1**	**5.9**	**5.1**	**6.2**	**14**	**130**	**8.3**	**8.3**
Ba	50	5.4	5.8	110	**270**	**300**	25	45
Cd	NA	NA	NA	1.0	2.2	3.2	NA	NA
Cr	NA	NA	NA	14	37	32	NA	NA
Cu	46	1.1 I	6.1	120	**1100**	**770**	50	61
Fe	5,600	NA	9,300	9,900	21,000	31,000	6,000	6,700
Pb	130	3.1	12	**430**	**710**	**970**	350	150
Hg	NA	NA	NA	0.18	0.12	0.24	NA	NA
Se	NA	NA	NA	0.44 U	NA	0.86 U	NA	NA
Ag	NA	NA	NA	0.56 I	NA	3.2	NA	NA
Dioxins	1.64	–	–	–	–	–	–	–
B(a)P TEQs					0.0			

Sample ID	SB-44 (0-0.5)	SB-49 (0-0.5)	SB-80 (0-0.5)	SB-43 (0-0.5)	SB-81 (0-0.5)	SB-42 (0-0.5)	SB-41 (0-0.5)	SB-40 (0-0.5)
Date	02/24/2014	02/25/2014	02/26/2014	02/24/2014	02/26/2014	02/24/2014	02/24/2014	02/24/2014
Al	NA	2,800	NA	NA	NA	NA	NA	NA
Sb	1.5 I	*5.9*	**29**	1.0 I	3.3	0.69 I	2.1 I	*15*
As	**5.3**	**12**	**35**	**5.5**	**5.7**	**4.0**	**6.5**	**35**
Ba	36	**220**	**480**	42	110	20	46	**860**
Cd	NA	1.3	NA	NA	NA	NA	NA	NA
Cr	NA	24	NA	NA	NA	NA	NA	NA
Cu	55	140	**440**	39	110	24	88	**580**
Fe	4,400	17,000	**69,000**	3,300	11,000	2,000	8,600	**82,000**
Pb	100	**430**	**3,000**	60	**420**	47	140	**2,700**
Hg	NA	0.037	NA	NA	NA	NA	NA	NA
Se	NA	0.44 U	NA	NA	NA	NA	NA	NA
Ag	NA	0.89 I	NA	NA	NA	NA	NA	NA
PCBs			0.021 U					
Dioxins	1.88	–	4.71	–	–	5.71	–	–

Sample ID	SB-45 (0-0.5)	SB-48 (0-0.5)	SB-36 (0-0.5)	SB-34 (0-0.5)	SB-35 (0-0.5)	SB-9 (0-0.5)	SB-28 (0-0.5)	SB-8 (0-0.5)
Date	02/24/2014	02/26/2014	02/26/2014	02/26/2014	02/26/2014	01/31/2014	02/25/2014	01/31/2014
Al	NA	NA	1,600	860	NA	3,200	NA	NA
Sb	*12*	0.64 U	1.3 I	1.8 I	1.3 I	*9.0*	0.76 I	0.60 I
As	**10**	**3.4**	**2.4**	**8.1**	3.2	**8.9**	**2.1**	1.1
Ba	90	21	46	48	110	**200**	44	13
Cd	NA	NA	0.3 I	0.48 I	NA	2.4	NA	NA
Cr	NA	NA	7.5	7.5	NA	44	NA	NA
Cu	91	19	33	48	35	**160**	22	15
Fe	8,500	3300	3,600	8,300	5,200	34,000	2,900	NA
Pb	**1,100**	24	92	170	150	**550**	34	35
Hg	NA	NA	0.012 U	0.059	NA	0.14	NA	NA
Se	NA	NA	0.38 U	0.39 U	NA	NA	NA	NA
Ag	NA	NA	0.20 U	0.35 I	NA	NA	NA	NA
Dioxins	–	–	0.90	–	–	–	2.23	–
B(a)P TEQs						0.1		

Sample ID	SB-38 (0-0.5)	SB-37 (0-0.5)	SB-33 (0-0.5)	SB-32 (0-0.5)	SB-39 (0-0.5)	SB-64 (0-2)
Date	02/26/2014	02/26/2014	02/26/2014	02/26/2014	02/26/2014	02/24/2014
Al	NA	NA	NA	1,100	NA	NA
Sb	5.2	2.2 I	0.49 U	3.0	1.1 I	1.2 I
As	**10**	**8.0**	1.5	**5.6**	1.7	**3.3**
Ba	**540**	79	12	87	21	26
Cd	1.6	NA	NA	0.48 I	NA	NA
Cr	19	NA	NA	14	NA	NA
Cu	**160**	58	9.0	55	35	18
Fe	16,000	5,900	1,600	8,600	990	2,700
Pb	**450**	160	30	210	24	60
Hg	0.15	NA	NA	0.29 I	NA	NA
Se	0.69 I	NA	NA	0.43 U	NA	NA
Ag	1.1 I	NA	NA	0.38 I	NA	NA
Dioxins	**10.67**	–	1.12	–	–	–

CURTIS (1) (0-0.5)	12/23/2013
Al	960
Sb	1.1 I
As	**2.8**
Ba	39
Ca	0.29 I
Cr	13
Cu	39
Fe	5,600
Pb	72
Hg	0.022 I
Se	NA
Ag	NA
Dioxins	–

CURTIS (2) (0-0.5)	12/23/2013
Al	1,000
Sb	2.9
As	**5.4**
Ba	94
Ca	0.56
Cr	7.6
Cu	62
Fe	11,000
Pb	290
Hg	0.012 I
Se	NA
Ag	NA
Dioxins	–

CURTIS (3) (0-1)	12/23/2013
Al	3,100
Sb	**50**
As	**12**
Ba	**170**
Ca	1.5
Cr	27
Cu	**190**
Fe	22,000
Pb	**1,600**
Hg	0.17
Se	NA
Ag	NA
Dioxins	–

CURTIS (4) (0-0.5)	12/23/2013
Al	6,200
Sb	*17*
As	**28**
Ba	**870**
Cd	5.8
Cr	*55*
Cu	**4,100**
Fe	**82,000**
Pb	**2,100**
Hg	0.22
Se	NA
Ag	NA
Dioxins	–

CURTIS (5) (0-0.5)	12/23/2013
Al	1800
Sb	3.4
As	**9.5**
Ba	**130**
Ca	0.89
Cr	14
Cu	110
Fe	10,000
Pb	280
Hg	0.043
Se	NA
Ag	NA
Dioxins	–

CURTIS (6) (0-0.5)	12/23/2013
Al	1,900
Sb	*8.4*
As	**16**
Ba	**290**
Ca	1.5
Cr	23
Cu	**210**
Fe	38,000
Pb	**640**
Hg	0.059
Se	NA
Ag	NA
Dioxins	–

CURTIS (7) (0-0.5)	12/23/2013
Al	2,300
Sb	*7.5*
As	**18**
Ba	110
Ca	1.5
Cr	23
Cu	150
Fe	30,000
Pb	**570**
Hg	0.15
Se	NA
Ag	NA
Dioxins	–

NOTES

mg/kg – milligrams per kilogram
ng/kg – nanograms per kilogram
U – Not detected at the Laboratory Method Limit (MDL).
I – Estimated value, the reported value is between the MDL and the Practical Quantitation Limit (PQL).
SCTLs – Soil Cleanup Target Levels specified in Table II of Chapter 24. Miami–Dade County Code
Bold – Indicates an exceedance of the residential SCTLs
Italics – Indicates an exceedance of the leachability based on the groundwater criteria
NA – Not Analyzed

LEGEND

PROPERTY LINE
VISUAL DELINEATION SOIL BORINGS
SOIL BORING LOCATION
TEMPORARY MONITORING WELL LOCATION
SURFICIAL DEBRIS/WASTE VISIBLE
SOIL SCTLs EXCEEDANCE (ARSENIC ONLY EXCEEDANCE NOT INCLUDED)

TABLE

SAMPLE ID	
DATE	
Al	mg/kg
Sb	mg/kg
As	mg/kg
Ba	mg/kg
Cd	mg/kg
Cr	mg/kg
Cu	mg/kg
Fe	mg/kg
Pb	mg/kg
Hg	mg/kg
Se	mg/kg
Ag	mg/kg
Total PCBs	mg/kg
Dioxins	ng/kg
B(a)P TEQs	mg/kg

CLEAN UP TARGET LEVELS (mg/kg)

ANALYTE	RESIDENTIAL	INDUSTRIAL	LEACHABILITY
Al	80,000	*	*
Sb	27	370	5.4
As	2.1	12	*
Ba	120	130,000	1,600
Cd	82	1,700	7.5
Cr	310	470	38
Cu	150	89,000	*
Fe	53,000	N/A	*
Pb	400	1,400	*
Hg	3	17	2.1
Se	440	11,000	5.2
Ag	410	8,200	17
Total PCBs	0.5	2.6	17
Dioxins ng/kg	7	30	3,000
Benzo(a)Pyrene Equivalent	0.1	0.7	NA

SCALE IN FEET: 0 80 160

REV | DATE | DESCRIPTION | CHK. BY
LICENSE NO.

SHEET TITLE: SOIL ANALYTICAL SUMMARY (0-0.5)
PROJECT TITLE: CURTIS PARK
1901 NW 24th AVE.
MIAMI, FL
CLIENT: CITY OF MIAMI

SCS ES CONSULTANTS
STEARNS, CONRAD AND SCHMIDT CONSULTING ENGINEERS, INC.
7700 N. KENDALL DRIVE, SUITE 300, MIAMI, FL 33156
PH. (305) 412-8185 FAX. (305) 412-8105
FL CERTIFICATE OF AUTHORIZATION NO. 00004892

PROJ. NO. 09213010.20 | DWN. BY: WCR | Q/A RVW BY: MCP
DSN. BY: MCP | CHK. BY: MCP | APP. BY: EFS

CADD FILE:
DATE: 17–APRIL–2014
SCALE: AS NOTED
DRAWING NO. **Fig. 4**
SHEET 4 of 8

SB-76 (0.5–1)	
02/26/2014	
Al	NA
Sb	*13*
As	**6.9**
Ba	47
Cd	NA
Cr	NA
Cu	88
Fe	12000
Pb	**560**
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-75 (0.5–1)	
02/26/2014	
Al	NA
Sb	0.73 I
As	**7.4**
Ba	24
Cd	NA
Cr	NA
Cu	38
Fe	4800
Pb	57
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-54 (0.5–1)	
02/24/2014	
Al	NA
Sb	*6.2*
As	**14**
Ba	**140**
Cd	NA
Cr	NA
Cu	**220**
Fe	33000
Pb	320
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-74 (0.5–1)	
02/26/2014	
Al	NA
As	**22**
Ba	33
Cd	NA
Cr	NA
Cu	51
Fe	6300
Pb	90
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-56 (0–2)	
02/24/2014	
Al	1,300
Sb	3.20
As	**28**
Ba	78
Cd	0.38 I
Cr	9.1
Cu	71
Fe	7800
Pb	170
Hg	0.040
Se	0.42 U
Ag	0.43 I
Dioxins	–

SB-55 (0.5–1.5)	
02/24/2014	
Al	NA
Sb	1.6 I
As	**4.2**
Ba	34
Cd	NA
Cr	NA
Cu	58
Fe	6900
Pb	55
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-10 (0.5–2)	
01/31/2014	
Al	NA
Sb	*6.7*
As	**16**
Ba	**210**
Cd	NA
Cr	NA
Cu	**280**
Fe	NA
Pb	**490**
Hg	NA
Se	–
Ag	–
Dioxins	–

SB-73 (0.5–1)	
02/26/2014	
Al	NA
Sb	*7.9 I*
As	**12**
Ba	**340**
Cd	NA
Cr	NA
Cu	**160**
Fe	36000
Pb	360
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-11 (0.5–2)	
01/31/2014	
Al	NA
Sb	*9.5*
As	**14**
Ba	**370**
Cd	NA
Cr	NA
Cu	**1400**
Fe	NA
Pb	**670**
Hg	NA
Se	–
Ag	–
Dioxins	–
B(a)P TEQs	0.0

SB-72 (0.5–1)	
02/26/2014	
Al	NA
Sb	**130**
As	**21**
Ba	**420**
Cd	NA
Cr	NA
Cu	**380**
Fe	25000
Pb	**2700**
Hg	NA
Se	NA
Ag	NA
PCBs	0.019 U
Dioxins	**12.95**

SB-29 (0–1)	
02/25/2014	
Al	NA
Sb	1.9 I
As	**7.8**
Ba	50
Cd	NA
Cr	NA
Cu	52
Fe	7500
Pb	140
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-14 (0.5–2)	
01/31/2014	
Al	NA
Sb	*18*
As	**13**
Ba	**150**
Cd	NA
Cr	NA
Cu	140
Fe	NA
Pb	260
Hg	NA
Se	–
Ag	–
Dioxins	–

SB-16 (0.5–2)	
01/31/2014	
Al	NA
Sb	4.1
As	**14**
Ba	**160**
Cd	NA
Cr	NA
Cu	120
Fe	NA
Pb	**500**
Hg	NA
Se	–
Ag	–
Dioxins	–
B(a)P TEQs	0.0

SB-23 (0.5–2)	
02/25/2014	
Al	NA
Sb	*15*
As	**32**
Ba	**530**
Cd	NA
Cr	NA
Cu	**400**
Fe	**87000**
Pb	**1700**
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-67 (0–2)	
02/25/2014	
Al	1,400
Sb	0.55 U
As	**2.9**
Ba	17
Cd	0.23 I
Cr	6.3
Cu	8.1
Fe	4000
Pb	20
Hg	0.044
Se	0.40 U
Ag	0.42 U
Dioxins	–

SB-66 (0–2)	
02/25/2014	
Al	1,300
Sb	0.52 U
As	1.4
Ba	7.3
Cd	0.18 I
Cr	5.3
Cu	8.0
Fe	1500
Pb	60
Hg	0.042
Se	0.38 U
Ag	0.20 U
Dioxins	–

SB-68 (0–2)	
02/25/2014	
Al	NA
Sb	0.55 U
As	0.69
Ba	6.8
Cd	NA
Cr	NA
Cu	2.7
Fe	690
Pb	5.8
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-22 (0.5–1.5)	
02/25/2014	
Al	NA
Sb	3.8
As	**15**
Ba	**630**
Cd	0.86
Cr	15
Cu	140
Fe	15000
Pb	320
Hg	0.075
Se	0.42 U
Ag	0.50 I
Dioxins	–

SB-65 (0.5–1)	
02/25/2014	
Al	NA
Sb	0.67 I
As	**3.2**
Ba	19
Cd	NA
Cr	NA
Cu	36
Fe	12000
Pb	38
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-24 (0.5–2)	
02/25/2014	
Al	NA
Sb	20
As	**36**
Ba	**860**
Cd	5.8
Cr	*66*
Cu	**1200**
Fe	**130000**
Pb	**2700**
Hg	0.063
Se	3.5 U
Ag	4.7 I
Dioxins	–

SB-21 (0.5–2)	
02/25/2014	
Al	NA
Sb	20
As	**20**
Ba	**1200**
Cd	NA
Cr	NA
Cu	**520**
Fe	47000
Pb	**4500**
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-71 (0.5–1)	
02/26/2014	
Al	NA
Sb	0.66 I
As	**4.7**
Ba	100
Cd	NA
Cr	NA
Cu	20
Fe	5400
Pb	240
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-20 (0.5–2)	
02/25/2014	
Al	NA
Sb	*27*
As	**46**
Ba	**2700**
Cd	6.6
Cr	*69*
Cu	**930**
Fe	**110000**
Pb	**3200**
Hg	0.059
Se	2.6 I
Ag	9.7
PCBs	0.020 U
Dioxins	**48.12**

SB-18 (0.5–1.5)	
02/25/2014	
Al	900
Sb	0.55 U
As	0.71
Ba	7.1
Cd	0.12 I
Cr	5.8
Cu	3.2
Fe	750
Pb	7.4
Hg	0.012 U
Se	0.40 U
Ag	0.41 U
Dioxins	–

SB-69 (0.5–1)	
02/26/2014	
Al	NA
Sb	0.59 U
As	0.82
Ba	8.5
Cd	NA
Cr	NA
Cu	0.78 I
Fe	950
Pb	2.3
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-70 (0.5–1)	
02/26/2014	
Al	NA
Sb	*9.5 I*
As	**32**
Ba	**140**
Cd	NA
Cr	NA
Cu	**320**
Fe	54000
Pb	**1000**
Hg	NA
Se	NA
Ag	NA
Dioxins	**31.16**

SB-63 (0–2)	
02/24/2014	
Al	NA
Sb	0.56 U
As	1.3
Ba	6.3
Cd	NA
Cr	NA
Cu	8.0
Fe	1600
Pb	15
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-53 (0.5–2)	
02/24/2014	
Al	NA
Sb	1.8 I
As	**11**
Ba	66
Cd	NA
Cr	NA
Cu	42
Fe	5000
Pb	110
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-77 (0–1)	
02/26/2014	
Al	NA
Sb	1.3 I
As	**12**
Ba	20
Cd	NA
Cr	NA
Cu	25
Fe	4600
Pb	56
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-78 (0.5–1)	
02/26/2014	
Al	NA
Sb	*6.2*
As	**12**
Ba	**130**
Cd	NA
Cr	NA
Cu	80
Fe	11000
Pb	220
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-52 (0–2)	
02/24/2014	
Al	2,000
Sb	1.4 I
As	**15**
Ba	46
Cd	0.25 I
Cr	7.8
Cu	39
Fe	9600
Pb	95
Hg	0.030 I
Se	0.44 U
Ag	0.23 U
Dioxins	–

SB-46 (0.5–2)	
02/25/2014	
Al	NA
Sb	*21*
As	**31**
Ba	**820**
Cd	NA
Cr	NA
Cu	**980**
Fe	**100000**
Pb	**2300**
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-47 (0–1)	
02/25/2014	
Al	1,700
Sb	0.87 I
As	**7.1**
Ba	41
Cd	0.64
Cr	15
Cu	32
Fe	3800
Pb	92
Hg	0.17
Se	0.62 I
Ag	0.55 I
Dioxins	–

SB-57 (0–2)	
02/24/2014	
Al	1,200
Sb	0.57 U
As	**11**
Ba	23
Cd	0.72
Cr	12
Cu	21
Fe	2700
Pb	38
Hg	0.28
Se	0.42 U
Ag	1.6
Dioxins	–

SB-49 (0.5–2)	
02/25/2014	
Al	NA
Sb	*14*
As	**19**
Ba	**710**
Cd	NA
Cr	NA
Cu	**270**
Fe	**61000**
Pb	**1500**
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-31 (0–1)	
02/25/2014	
Al	NA
Sb	0.86 I
As	**21**
Ba	26
Cd	NA
Cr	NA
Cu	40
Fe	7300
Pb	70
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-17 (0.5–2)	
01/31/2014	
Al	NA
Sb	*6.2*
As	**28**
Ba	**240**
Cd	NA
Cr	NA
Cu	**290**
Fe	NA
Pb	**480**
Hg	NA
Se	–
Ag	–
Dioxins	–

SB-62 (0–2)	
02/24/2014	
Al	1400
Sb	0.51 U
As	1.2
Ba	7.9
Cd	0.16 I
Cr	6.4
Cu	11
Fe	1200
Pb	31
Hg	0.063
Se	0.38 U
Ag	0.19 U
Dioxins	–

SB-19		
02/25/2014		
	0–0.75	0.75–2
Al	NA	NA
Sb	3.0	18
As	**10**	**27**
Ba	61	**700**
Cd	NA	NA
Cr	NA	NA
Cu	130	540
Fe	11,000	89,000
Pb	240	1,700
Hg	NA	NA
Se	NA	NA
Ag	NA	NA
Dioxins	–	–

SB-15 (0.5–2)	
01/31/2014	
Al	NA
Sb	*21*
As	**43**
Ba	**1200**
Cd	NA
Cr	NA
Cu	**830**
Fe	NA
Pb	**2900**
Hg	NA
Se	–
Ag	–
Dioxins	–
B(a)P TEQs	0.0

SB-61 (0–2)	
02/24/2014	
Al	NA
Sb	0.54 U
As	1.5
Ba	13
Cd	NA
Cr	NA
Cu	15
Fe	1600
Pb	32
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-26 (0.5–1)	
02/25/2014	
Al	NA
Sb	5.4
As	**12**
Ba	71
Cd	NA
Cr	NA
Cu	88
Fe	19000
Pb	**570**
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-25 (0.5–2)	
02/25/2014	
Al	NA
Sb	1.6 I
As	**8.3**
Ba	34
Cd	NA
Cr	NA
Cu	27
Fe	3500
Pb	61
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-13 (0.5–2)	
01/31/2014	
Al	NA
Sb	15
As	**30**
Ba	**660**
Cd	NA
Cr	NA
Cu	**2000**
Fe	NA
Pb	**1400**
Hg	NA
Se	–
Ag	–
Dioxins	–
B(a)P TEQs	0.00

SB-30 (0.5–1)	
02/25/2014	
Al	NA
Sb	0.58 U
As	**13**
Ba	6.6
Cd	NA
Cr	NA
Cu	5.0
Fe	10000
Pb	12
Hg	NA
Se	NA
Ag	NA
Dioxins	4.70

SB-59 (0.5–2)	
02/24/2014	
Al	NA
Sb	0.62 U
As	**5.6**
Ba	16
Cd	NA
Cr	NA
Cu	30
Fe	3100
Pb	70
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-12 (0.5–2)	
01/31/2014	
Al	NA
Sb	**35**
As	**20**
Ba	**730**
Cd	NA
Cr	NA
Cu	**490**
Fe	NA
Pb	**1800**
Hg	NA
Se	–
Ag	–
Dioxins	–
B(a)P TEQs	0.0

SB-60 (0.5–2)	
02/24/2014	
Al	NA
Sb	**110**
As	**50**
Ba	**180**
Cd	NA
Cr	NA
Cu	150
Fe	19000
Pb	**2300**
Hg	NA
Se	NA
Ag	NA
PCBs	0.019 U
Dioxins	–

SB-79 (0.5–1)	
02/26/2014	
Al	NA
Sb	*13*
As	**24**
Ba	**390**
Cd	NA
Cr	NA
Cu	**370**
Fe	39000
Pb	**1200**
Hg	NA
Se	NA
Ag	NA
PCBs	0020 U
Dioxins	–

SB-51 (0–1)	
02/24/2014	
Al	NA
Sb	2.9
As	**33**
Ba	110
Cd	NA
Cr	NA
Fe	7800
Pb	310
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-50	
02/24/2014	
	0.5–1.5
Al	NA
Sb	0.55 U
As	1.4
Ba	7.0
Cd	NA
Cr	NA
Cu	3.5
Fe	2100
Pb	7.9
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-44 (0.5–1)	
02/24/2014	
Al	NA
Sb	1.6 I
As	**3.6**
Ba	48
Cd	NA
Cr	NA
Cu	45
Fe	4700
Pb	130
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-43 (0.5–1)	
02/24/2014	
Al	NA
Sb	1.1 I
As	**2.6**
Ba	33
Cd	NA
Cr	NA
Cu	22
Fe	2900
Pb	82
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-80 (0.5–1)	
02/26/2014	
Al	NA
Sb	**170**
As	**33**
Ba	**500**
Cd	NA
Cr	NA
Cu	**760**
Fe	**71000**
Pb	**1300**
Hg	NA
Se	NA
Ag	NA
Dioxins	1.97

SB-81 (0.5–1)	
02/26/2014	
Al	NA
Sb	**53**
As	**13**
Ba	**340**
Cd	NA
Cr	NA
Cu	**270**
Fe	25000
Pb	**2200**
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-42 (0.5–1)	
02/24/2014	
Al	NA
Sb	0.62 U
As	**2.8**
Ba	18
Cd	NA
Cr	NA
Cu	18
Fe	1500
Pb	32
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-41 (0.5–1)	
02/24/2014	
Al	NA
Sb	0.54 U
As	0.83
Ba	8.5
Cd	NA
Cr	NA
Cu	2.7
Fe	770
Pb	4.5
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-40 (0.5–1)	
02/24/2014	
Al	NA
Sb	*7.3*
As	**17**
Ba	**310**
Cd	NA
Cr	NA
Cu	**170**
Fe	16000
Pb	**580**
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-45 (0.5–1)	
02/24/2014	
Al	NA
Sb	**32**
As	**9.2**
Ba	86
Cd	NA
Cr	NA
Cu	81
Fe	9000
Pb	380
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-38 (0.5–1)	
02/26/2014	
Al	NA
Sb	*9.5 I*
As	**44**
Ba	**740**
Cd	2.2 I
Cr	*41*
Cu	**430**
Fe	**56000**
Pb	**1400**
Hg	0.11
Se	2.2 U
Ag	2.7 I
Dioxins	**16.21**

SB-36 (0.5–1)	
02/26/2014	
Al	NA
Sb	*9.9 I*
As	**26**
Ba	**330**
Cd	2.3 I
Cr	32
Cu	**250**
Fe	47000
Pb	**1100**
Hg	0.20
Se	2.4 U
Ag	1.9 I
Dioxins	–

SB-34 (0.5–1)	
02/26/2014	
Al	NA
Sb	5.2
As	**15**
Ba	**180**
Cd	1.0
Cr	16
Cu	140
Fe	15000
Pb	**620**
Hg	0.050
Se	0.41 U
Ag	0.93 I
Dioxins	–

SB-32 (0.5–1)	
02/26/2014	
Al	NA
Sb	**64**
As	**21**
Ba	98
Cd	0.60
Cr	18
Cu	**220**
Fe	10000
Pb	310
Hg	0.29 I
Se	0.40 U
Ag	0.50 I
Dioxins	–

SB-9 (0.5–2)	
01/31/2014	
Al	*NA*
Sb	*9.6*
As	**8.6**
Ba	**200**
Cd	NA
Cr	NA
Cu	120
Fe	NA
Pb	**1300**
Hg	NA
Se	–
Ag	–
Dioxins	–
B(a)P TEQs	0.0

SB-28 (0.5–2)	
02/25/2014	
Al	NA
Sb	**17**
Ba	**590**
Cd	NA
Cr	NA
Cu	**870**
Fe	24000
Pb	**490**
Hg	NA
Se	NA
Ag	NA
Dioxins	5.50

SB-64 (0–2)	
02/24/2014	
Al	NA
Sb	1.2 I
As	**3.3**
Ba	26
Cd	NA
Cr	NA
Cu	18
Fe	2700
Pb	60
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-8 (0.5–2)	
01/31/2014	
Al	NA
Sb	**580**
As	**26**
Ba	**1000**
Cd	NA
Cr	NA
Cu	**1600**
Fe	NA
Pb	**2600**
Hg	NA
Se	–
Ag	–
Dioxins	–
B(a)P TEQs	0.0

SB-27 (0–1)	
02/25/2014	
Al	NA
Sb	2.2 I
As	**8.3**
Ba	45
Cd	NA
Cr	NA
Cu	61
Fe	6700
Pb	150
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-58 (0.5–2)	
02/24/2014	
Al	NA
Sb	**46**
As	**420**
Ba	**810**
Cd	NA
Cr	NA
Cu	**750**
Fe	**100000**
Pb	**2200**
Hg	NA
Se	NA
Ag	NA
Dioxins	–

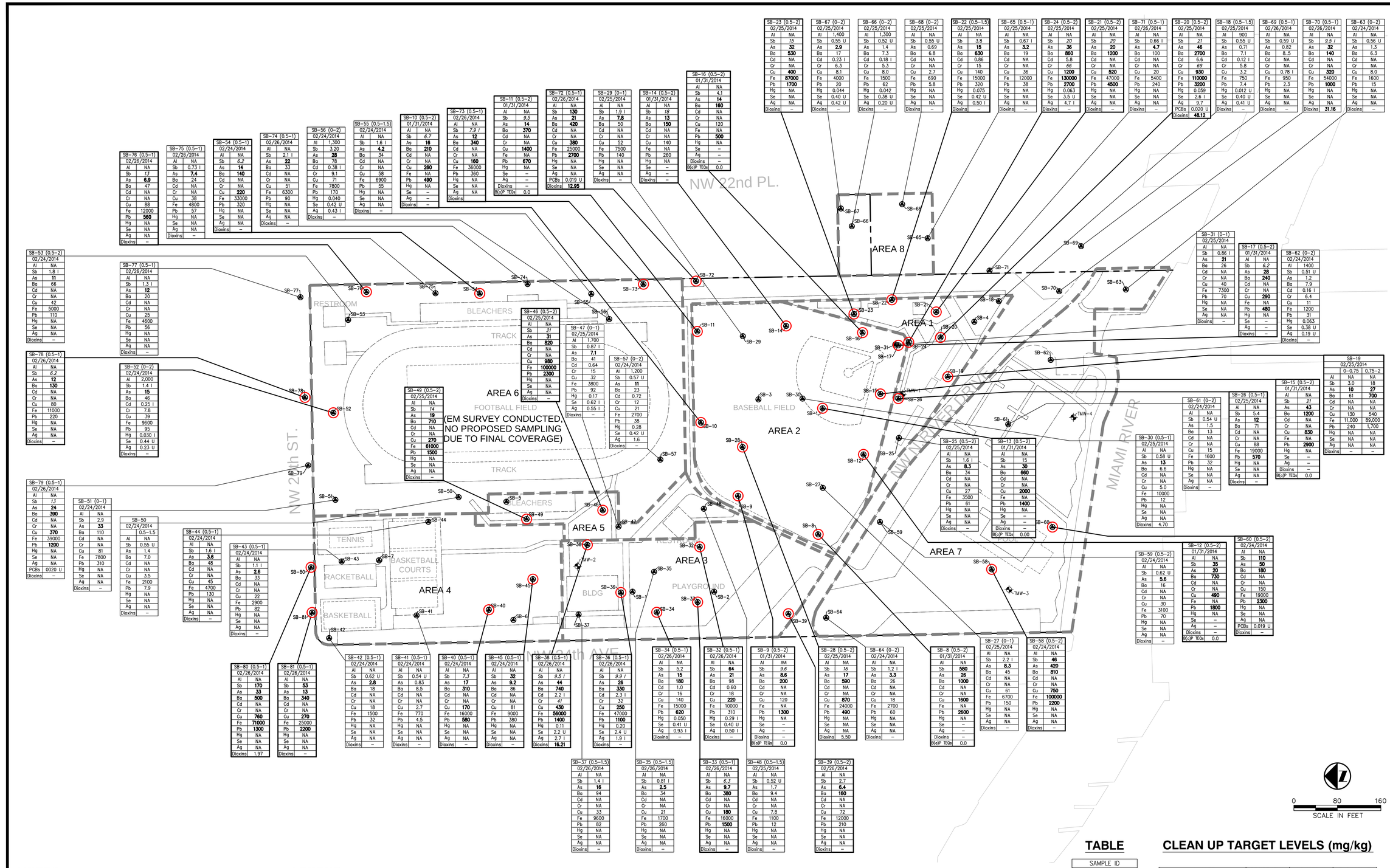
SB-37 (0.5–1.5)	
02/26/2014	
Al	NA
Sb	1.4 I
As	**16**
Ba	94
Cd	NA
Cr	NA
Cu	33
Fe	9600
Pb	82
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-35 (0.5–1.5)	
02/26/2014	
Al	NA
Sb	0.81 I
As	**2.5**
Ba	34
Cd	NA
Cr	NA
Cu	21
Fe	1700
Pb	260
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-33 (0.5–1)	
02/26/2014	
Al	NA
Sb	*6.3*
As	**9.7**
Ba	**380**
Cd	NA
Cr	NA
Cu	**180**
Fe	16000
Pb	**1500**
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-48 (0.5–1.5)	
02/25/2014	
Al	NA
Sb	0.52 U
As	1.7
Ba	9.4
Cd	NA
Cr	NA
Cu	7.8
Fe	1100
Pb	12
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-39 (0.5–2)	
02/26/2014	
Al	NA
Sb	2.7
As	**6.4**
Ba	**160**
Cd	NA
Cr	NA
Cu	72
Fe	12000
Pb	210
Hg	NA
Se	NA
Ag	NA
Dioxins	–



NOTES

mg/kg – milligrams per kilogram
ng/kg – nanograms per kilogram
U – Not detected at the Laboratory Method Limit (MDL).
I – Estimated value, the reported value is between the MDL and the Practical Quantitation Limit (PQL).
SCTLs – Soil Cleanup Target Levels specified in Table II of Chapter 24. Miami-Dade County Code
Bold – Indicates an exceedance of the residential SCTLs
Italics – Indicates an exceedance of the leachability based on the groundwater criteria
NA – Not Analyzed

LEGEND

PROPERTY LINE
VISUAL DELINEATION SOIL BORINGS
SOIL BORING LOCATION
TEMPORARY MONITORING WELL LOCATION
SURFICIAL DEBRIS
SOIL SCTLs EXCEEDANCE (ARSENIC ONLY EXCEEDANCE NOT INCLUDED)

TABLE

SAMPLE ID	
DATE	
Al	mg/kg
Sb	mg/kg
As	mg/kg
Ba	mg/kg
Cd	mg/kg
Cr	mg/kg
Cu	mg/kg
Fe	mg/kg
Pb	mg/kg
Hg	mg/kg
Se	mg/kg
Ag	mg/kg
Total PCBs	mg/kg
Dioxins	ng/kg
B(a)P TEQs	mg/kg

CLEAN UP TARGET LEVELS (mg/kg)

ANALYTE	RESIDENTIAL	INDUSTRIAL	LEACHABILITY
Al	80,000	*	*
Sb	27	370	5.4
As	2.1	12	*
Ba	120	130,000	1,600
Cd	82	1,700	7.5
Cr	310	470	38
Cu	150	89,000	*
Fe	53,000	N/A	*
Pb	400	1,400	*
Hg	3	17	2.1
Se	440	11,000	5.2
Ag	410	8,200	17
Total PCBs	0.5	2.6	17
Dioxins ng/kg	7	30	3,000
Benzo(a)Pyrene Equivalent	0.1	0.7	NA

M:\ESMASTER\City of Miami\Curtis Park\Drawings\FIG.5 SOIL ANALYTICAL SUMMARY 0.5-1.0.dwg Apr 17, 2014 - 4:56pm Layout Name: Layout By: 3618wcr

REV | DATE | DESCRIPTION | CHK BY | LICENSE NO.

SHEET TITLE
SOIL ANALYTICAL SUMMARY (0.5-1.0)

PROJECT TITLE
CURTIS PARK
1901 NW 24th AVE.
MIAMI, FL

CLIENT
CITY OF MIAMI

SCS ES CONSULTANTS
STEARNS, CONRAD AND SCHMIDT CONSULTING ENGINEERS, INC.
7700 N. KENDALL DRIVE, SUITE 300, MIAMI, FL 33156
PH. (305) 412-8185 FAX. (305) 412-8105
FL CERTIFICATE OF AUTHORIZATION NO. 00004892

DWN. BY: WCR | Q/A R/W BY: MCP
PROJ. NO. 09213010.20 | CHK. BY: MCP | APP. BY: EFS
DSN. BY: MCP

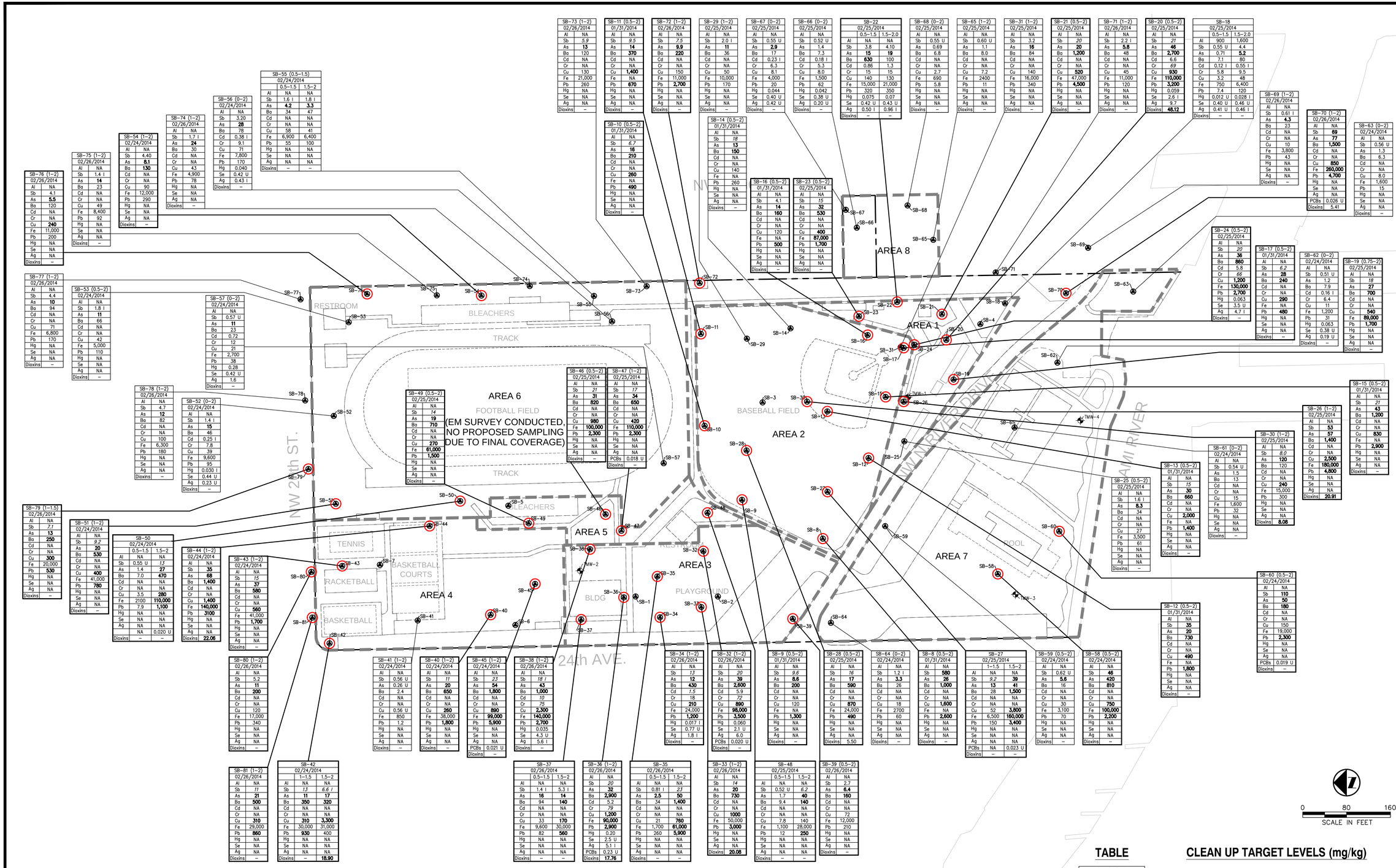
CADD FILE:

DATE: 17–APRIL–2014

SCALE: AS NOTED

DRAWING NO. **Fig. 5**

SHEET 5 of 8



SB-73 (1–2) 02/26/2014

Al	NA
Sb	5.9
As	**13**
Ba	120
Cd	NA
Cr	NA
Cu	130
Fe	21,000
Pb	260
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-11 (0.5–2) 01/31/2014

Al	NA
Sb	*9.5*
As	**14**
Ba	**370**
Cd	NA
Cr	NA
Cu	**1,400**
Fe	NA
Pb	**670**
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-72 (1–2) 02/26/2014

Al	NA
Sb	*7.5*
As	**9.9**
Ba	**220**
Cd	NA
Cr	NA
Cu	150
Fe	11,000
Pb	**2,700**
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-29 (1–2) 02/25/2014

Al	NA
Sb	2.0 I
As	**11**
Ba	36
Cd	NA
Cr	NA
Cu	50
Fe	10,000
Pb	170
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-67 (0–2) 02/25/2014

Al	NA
Sb	0.55 U
As	**2.9**
Ba	17
Cd	0.23 I
Cr	6.3
Cu	8.1
Fe	4,000
Pb	20
Hg	0.044
Se	0.40 U
Ag	0.42 U
Dioxins	–

SB-66 (0–2) 02/25/2014

Al	NA
Sb	0.52 U
As	1.4
Ba	7.3
Cd	0.18 I
Cr	5.3
Cu	8.0
Fe	1,500
Pb	62
Hg	0.042
Se	0.38 U
Ag	0.20 U
Dioxins	–

SB-22 02/25/2014

	0.5–1.5	1.5–2.0
Al	NA	NA
Sb	3.8	4.10
As	**15**	**19**
Ba	**630**	100
Cd	0.86	1.3
Cr	15	15
Cu	140	130
Fe	15,000	21,000
Pb	320	350
Hg	0.075	0.07
Se	0.42 U	0.43 U
Ag	0.50 I	0.96 I
Dioxins	–	–

SB-68 (0–2) 02/25/2014

Al	NA
Sb	0.55 U
As	0.69
Ba	6.8
Cd	NA
Cr	NA
Cu	2.7
Fe	690
Pb	5.8
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-65 (1–2) 02/25/2014

Al	NA
Sb	0.60 U
As	1.1
Ba	8.0
Cd	NA
Cr	NA
Cu	7.2
Fe	2400
Pb	11
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-31 (1–2) 02/25/2014

Al	NA
Sb	3.2
As	**16**
Ba	84
Cd	NA
Cr	NA
Cu	140
Fe	16,000
Pb	340
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-21 (0.5–2) 02/25/2014

Al	NA
Sb	*20*
As	**20**
Ba	**1,200**
Cd	NA
Cr	NA
Cu	**520**
Fe	47,000
Pb	**4,500**
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-71 (1–2) 02/26/2014

Al	NA
Sb	2.2 I
As	**5.8**
Ba	48
Cd	NA
Cr	NA
Cu	45
Fe	11,000
Pb	120
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-20 (0.5–2) 02/25/2014

Al	NA
Sb	*27*
As	**46**
Ba	**2,700**
Cd	6.6
Cr	*69*
Cu	**930**
Fe	**110,000**
Pb	**3,200**
Hg	0.059
Se	2.6 I
Ag	9.7
Dioxins	**48.12**

SB-18 02/25/2014

	0.5–1.5	1.5–2.0
Al	900	1,600
Sb	0.55 U	4.4
As	0.71	**5.2**
Ba	7.1	80
Cd	0.12 I	0.55 I
Cr	5.8	9.5
Cu	3.2	48
Fe	750	6,400
Pb	7.4	120
Hg	0.012 U	0.028 I
Se	0.40 U	0.46 U
Ag	0.41 U	0.46 I
Dioxins	–	–

SB-69 (1–2) 02/26/2014

Al	NA
Sb	0.61 I
As	**4.3**
Ba	23
Cd	NA
Cr	NA
Cu	10
Fe	3,800
Pb	43
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-70 (1–2) 02/26/2014

Al	NA
Sb	**69**
As	**77**
Ba	**1,500**
Cd	NA
Cr	NA
Cu	**850**
Fe	**260,000**
Pb	**4,700**
Hg	NA
Se	NA
Ag	NA
PCBs	0.026 U
Dioxins	5.41

SB-63 (0–2) 02/24/2014

Al	NA
Sb	0.56 U
As	1.3
Ba	6.3
Cd	NA
Cr	NA
Cu	8.0
Fe	1,600
Pb	15
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-10 (0.5–2) 01/31/2014

Al	NA
Sb	*6.7*
As	**16**
Ba	**210**
Cd	NA
Cr	NA
Cu	**260**
Fe	NA
Pb	**490**
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-14 (0.5–2) 01/31/2014

Al	NA
Sb	*18*
As	**13**
Ba	**150**
Cd	NA
Cr	NA
Cu	140
Fe	NA
Pb	260
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-16 (0.5–2) 01/31/2014

Al	NA
Sb	4.1
As	**14**
Ba	**160**
Cd	NA
Cr	NA
Cu	120
Fe	NA
Pb	**500**
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-23 (0.5–2) 02/25/2014

Al	NA
Sb	*15*
As	**32**
Ba	**530**
Cd	NA
Cr	NA
Cu	**400**
Fe	**87,000**
Pb	**1,700**
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-24 (0.5–2) 02/25/2014

Al	NA
Sb	*20*
As	**36**
Ba	**860**
Cd	5.8
Cr	*66*
Cu	**1,200**
Fe	**130,000**
Pb	**2,700**
Hg	0.063
Se	3.5 U
Ag	4.7 I
Dioxins	–

SB-17 (0.5–2) 01/31/2014

Al	NA
Sb	*6.2*
As	**28**
Ba	**240**
Cd	NA
Cr	NA
Cu	**290**
Fe	NA
Pb	**480**
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-62 (0–2) 02/24/2014

Al	NA
Sb	0.51 U
As	1.2
Ba	7.9
Cd	0.16 I
Cr	6.4
Cu	11
Fe	1,200
Pb	31
Hg	0.063
Se	0.38 U
Ag	0.19 U
Dioxins	–

SB-19 (0.75–2) 02/25/2014

Al	NA
Sb	*18*
As	**27**
Ba	**700**
Cd	NA
Cr	NA
Cu	**540**
Fe	**89,000**
Pb	**1,700**
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-15 (0.5–2) 01/31/2014

Al	NA
Sb	27
As	**43**
Ba	**1,200**
Cd	NA
Cr	NA
Cu	**830**
Fe	NA
Pb	**2,900**
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-76 (1–2) 02/26/2014

Al	NA
Sb	4.1
As	**5.5**
Ba	120
Cd	NA
Cr	NA
Cu	**240**
Fe	11,000
Pb	200
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-75 (1–2) 02/26/2014

Al	NA
Sb	1.4 I
As	**14**
Ba	23
Cd	NA
Cr	NA
Cu	49
Fe	8,400
Pb	92
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-54 (1–2) 02/24/2014

Al	NA
Sb	4.40
As	**8.1**
Ba	**130**
Cd	NA
Cr	NA
Cu	90
Fe	12,000
Pb	290
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-74 (1–2) 02/26/2014

Al	NA
Sb	1.7 I
As	**24**
Ba	30
Cd	NA
Cr	NA
Cu	43
Fe	4,900
Pb	78
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-56 (0–2) 02/24/2014

Al	NA
Sb	3.20
As	**28**
Ba	78
Cd	0.38 I
Cr	9.1
Cu	71
Fe	7,800
Pb	170
Hg	0.040
Se	0.42 U
Ag	0.43 I
Dioxins	–

SB-55 (0.5–1.5) 02/24/2014

	0.5–1.5	1.5–2
Al	NA	NA
As	**4.2**	**3.3**
Ba	34	47
Cd	NA	NA
Cr	NA	NA
Cu	58	41
Fe	6,900	6,400
Pb	55	100
Hg	NA	NA
Se	NA	NA
Ag	NA	NA
Dioxins	–	–

SB-77 (1–2) 02/26/2014

Al	NA
Sb	4.4
As	**10**
Ba	94
Cd	NA
Cr	NA
Cu	71
Fe	6,800
Pb	170
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-53 (0.5–2) 02/24/2014

Al	NA
Sb	1.8 I
As	**11**
Ba	66
Cd	NA
Cr	NA
Cu	42
Fe	5,000
Pb	110
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-57 (0–2) 02/24/2014

Al	NA
Sb	0.57 U
As	**11**
Ba	23
Cd	0.72
Cr	12
Cu	21
Fe	2,700
Pb	38
Hg	0.28
Se	0.42 U
Ag	1.6
Dioxins	–

SB-78 (1–2) 02/26/2014

Al	NA
Sb	4.7
As	**12**
Ba	82
Cd	NA
Cr	NA
Cu	100
Fe	6,300
Pb	180
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-52 (0–2) 02/24/2014

Al	NA
Sb	1.4 I
As	**15**
Ba	46
Cd	0.25 I
Cr	7.8
Cu	39
Fe	9,600
Pb	95
Hg	0.030 I
Se	0.44 U
Ag	0.23 U
Dioxins	–

SB-49 (0.5–2) 02/25/2014

Al	NA
Sb	*14*
As	**19**
Ba	**710**
Cd	NA
Cr	NA
Cu	**270**
Fe	**61,000**
Pb	**1,500**
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-46 (0.5–2) 02/25/2014

Al	NA
Sb	*27*
As	**31**
Ba	**820**
Cd	NA
Cr	NA
Cu	**980**
Fe	**100,000**
Pb	**2,300**
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-47 (1–2) 02/25/2014

Al	NA
Sb	*17*
As	**34**
Ba	**650**
Cd	NA
Cr	NA
Cu	**420**
Fe	**110,000**
Pb	**2,300**
Hg	NA
Se	NA
Ag	NA
PCBs	0.018 U
Dioxins	–

SB-26 (1–2) 02/25/2014

Al	NA
Sb	**53**
As	**57**
Ba	**1,400**
Cd	NA
Cr	NA
Cu	**2,500**
Fe	**180,000**
Pb	**4,800**
Hg	NA
Se	NA
Ag	NA
Dioxins	**20.91**

SB-30 (1–2) 02/25/2014

Al	NA
Sb	*8.0*
As	**120**
Ba	120
Cd	NA
Cr	NA
Cu	**240**
Fe	15,000
Pb	300
Hg	NA
Se	NA
Ag	NA
Dioxins	**8.08**

SB-61 (0–2) 02/24/2014

Al	NA
Sb	0.54 U
As	1.5
Ba	13
Cd	NA
Cr	NA
Cu	15
Fe	1,600
Pb	32
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-13 (0.5–2) 01/31/2014

Al	NA
Sb	*15*
As	**30**
Ba	**660**
Cd	NA
Cr	NA
Cu	**2,000**
Fe	NA
Pb	**1,400**
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-25 (0.5–2) 02/25/2014

Al	NA
Sb	1.6 I
As	**8.3**
Ba	34
Cd	NA
Cr	NA
Cu	27
Fe	3,500
Pb	61
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-12 (0.5–2) 01/31/2014

Al	NA
Sb	**35**
As	**20**
Ba	**730**
Cd	NA
Cr	NA
Cu	**490**
Fe	NA
Pb	**1,800**
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-60 (0.5–2) 02/24/2014

Al	NA
Sb	**110**
As	**50**
Ba	**180**
Cd	NA
Cr	NA
Cu	150
Fe	19,000
Pb	**2,300**
Hg	NA
Se	NA
Ag	NA
PCBs	0.019 U
Dioxins	–

SB-79 (1–1.5) 02/26/2014

Al	NA
Sb	*7.1*
As	**13**
Ba	**250**
Cd	NA
Cr	NA
Cu	**300**
Fe	20,000
Pb	**530**
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-51 (1–2) 02/24/2014

Al	NA
Sb	*9.2*
As	**20**
Ba	**530**
Cd	NA
Cr	NA
Cu	**400**
Fe	41,000
Pb	**780**
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-50 02/24/2014

	0.5–1.5	1.5–2
Al	NA	NA
Sb	0.55 U	*13*
As	1.4	**27**
Ba	7.0	**470**
Cd	NA	NA
Cr	NA	NA
Cu	3.5	**280**
Fe	2100	**110,000**
Pb	7.9	**1,100**
Hg	NA	NA
Se	NA	NA
Ag	NA	NA
	NA	0.020 U
Dioxins	–	–

SB-44 (1–2) 02/24/2014

Al	NA
Sb	**35**
As	**68**
Ba	**1,400**
Cd	NA
Cr	NA
Cu	**1,400**
Fe	**140,000**
Pb	**3100**
Hg	NA
Se	NA
Ag	NA
Dioxins	**22.06**

SB-43 (1–2) 02/24/2014

Al	NA
Sb	*15*
As	**37**
Ba	**580**
Cd	NA
Cr	NA
Cu	**560**
Fe	41,000
Pb	**1,700**
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-80 (0–2) 02/26/2014

Al	NA
Sb	5.2
As	**11**
Ba	**200**
Cd	NA
Cr	NA
Cu	120
Fe	17,000
Pb	340
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-41 (1–2) 02/24/2014

Al	NA
Sb	0.56 U
As	0.26 U
Ba	2.4
Cd	NA
Cr	NA
Cu	0.56 U
Fe	850
Pb	1.2
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-40 (1–2) 02/24/2014

Al	NA
Sb	*11*
As	**20**
Ba	**650**
Cd	NA
Cr	NA
Cu	**260**
Fe	38,000
Pb	**1,800**
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-45 (1–2) 02/24/2014

Al	NA
Sb	*23*
As	**54**
Ba	**1,800**
Cd	NA
Cr	NA
Cu	**890**
Fe	**99,000**
Pb	**5,900**
Hg	NA
Se	NA
Ag	NA
PCBs	0.021 U
Dioxins	–

SB-38 (1–2) 02/26/2014

Al	NA
Sb	*18 I*
As	**43**
Ba	**1,000**
Cd	*10*
Cr	*75*
Cu	**2,300**
Fe	**140,000**
Pb	**2,700**
Hg	0.035
Se	4.3 U
Ag	5.6 I
Dioxins	–

SB-34 (1–2) 02/26/2014

Al	NA
Sb	*1.3*
As	**12**
Ba	**430**
Cd	*1.5*
Cr	18
Cu	**210**
Fe	24,000
Pb	**1,200**
Hg	0.017 I
Se	0.77 U
Ag	1.8 I
Dioxins	–

SB-32 (1–2) 02/26/2014

Al	NA
Sb	*20*
As	**39**
Ba	**2,600**
Cd	5.9
Cr	*72*
Cu	**890**
Fe	**98,000**
Pb	**3,500**
Hg	0.060
Se	2.1 U
Ag	6.0
PCBs	0.020 U
Dioxins	–

SB-9 (0.5–2) 01/31/2014

Al	NA
Sb	*9.6*
As	**8.6**
Ba	**200**
Cd	NA
Cr	NA
Cu	120
Fe	NA
Pb	**1,300**
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-28 (0.5–2) 02/25/2014

Al	NA
Sb	*16*
As	**17**
Ba	**590**
Cd	NA
Cr	NA
Cu	**870**
Fe	24,000
Pb	**490**
Hg	NA
Se	NA
Ag	NA
Dioxins	5.50

SB-64 (0–2) 02/24/2014

Al	NA
Sb	1.2 I
As	**3.3**
Ba	26
Cd	NA
Cr	NA
Cu	18
Fe	2700
Pb	60
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-8 (0.5–2) 01/31/2014

Al	NA
Sb	**580**
As	**26**
Ba	**1,000**
Cd	NA
Cr	NA
Cu	**1,600**
Fe	NA
Pb	**2,600**
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-27 02/25/2014

	1–1.5	1.5–2
Al	NA	NA
Sb	*9.2*	**39**
As	**13**	**41**
Ba	28	**1,500**
Cd	NA	NA
Cr	NA	NA
Cu	52	**3,800**
Fe	6,500	**160,000**
Pb	150	**3,400**
Hg	NA	NA
Se	NA	NA
Ag	NA	NA
PCBs	NA	0.023 U
Dioxins	–	–

SB-59 (0.5–2) 02/24/2014

Al	NA
Sb	0.62 U
As	**5.6**
Ba	16
Cd	NA
Cr	NA
Cu	30
Fe	3,100
Pb	70
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-58 (0.5–2) 02/24/2014

Al	NA
Sb	**46**
As	**420**
Ba	**810**
Cd	NA
Cr	NA
Cu	**750**
Fe	**100,000**
Pb	**2,200**
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-81 (1–2) 02/26/2014

Al	NA
Sb	*11*
As	**21**
Ba	**500**
Cd	NA
Cr	NA
Cu	**310**
Fe	29,000
Pb	**860**
Hg	NA
Se	NA
Ag	NA
Dioxins	–

SB-42 02/24/2014

	1–1.5	1.5–2
Al	NA	NA
Sb	*13*	*6.6 I*
As	**11**	**17**
Ba	**350**	**320**
Cd	NA	NA
Cr	NA	NA
Cu	**310**	**3,300**
Fe	30,000	31,000
Pb	**930**	400
Hg	NA	NA
Se	NA	NA
Ag	NA	NA
Dioxins	–	**18.90**

SB-37 02/26/2014

	0.5–1.5	1.5–2
Al	NA	NA
Sb	1.4 I	5.3 I
As	**16**	**14**
Ba	94	**140**
Cd	NA	NA
Cr	NA	NA
Cu	33	**170**
Fe	9,600	30,000
Pb	82	**560**
Hg	NA	NA
Se	NA	NA
Ag	NA	NA
Dioxins	–	–

SB-36 (1–2) 02/26/2014

Al	NA
Sb	*20*
As	**32**
Ba	**2,900**
Cd	5.2
Cr	*79*
Cu	**1,200**
Fe	**90,000**
Pb	**2,900**
Hg	0.20
Se	2.5 U
Ag	5.1 I
PCBs	0.23 U
Dioxins	**17.76**

SB-35 02/26/2014

	0.5–1.5	1.5–2
Al	NA	NA
Sb	0.81 I	*23*
As	**2.5**	**50**
Ba	34	**1,400**
Cd	NA	NA
Cr	NA	NA
Cu	21	**760**
Fe	1,700	**61,000**
Hg	NA	NA
Se	NA	NA
Ag	NA	NA
Dioxins	–	–

SB-33 (1–2) 02/26/2014

Al	NA
Sb	*14*
As	**20**
Ba	**730**
Cd	NA
Cr	NA
Cu	**1000**
Fe	50,000
Pb	**3,000**
Hg	NA
Se	NA
Ag	NA
Dioxins	**20.08**

SB-48 02/25/2014

	0.5–1.5	1.5–2
Al	NA	NA
Sb	0.52 U	*6.2*
As	1.7	**40**
Ba	9.4	**140**
Cd	NA	NA
Cr	NA	NA
Cu	7.8	140
Fe	1,100	28,000
Pb	12	**250**
Hg	NA	NA
Se	NA	NA
Ag	NA	NA
Dioxins	–	–

SB-39 (0.5–2) 02/26/2014

Al	NA
Sb	2.7
As	**6.4**
Ba	**160**
Cd	NA
Cr	NA
Cu	72
Fe	12,000
Pb	210
Hg	NA
Se	NA
Ag	NA
Dioxins	–

NOTES

mg/kg – milligrams per kilogram
ng/kg – nanograms per kilogram
U – Not detected at the Laboratory Method Limit (MDL).
I – Estimated value, the reported value is between the MDL and the Practical Quantitation Limit (PQL).
SCTLs – Soil Cleanup Target Levels specified in Table II of Chapter 24. Miami–Dade County Code
Bold – Indicates an exceedance of the residential SCTLs
Italics – Indicates an exceedance of the leachability based on the groundwater criteria
NA – Not Analyzed

LEGEND

PROPERTY LINE
VISUAL DELINEATION SOIL BORINGS
SOIL BORING LOCATION
TEMPORARY MONITORING WELL LOCATION
SURFICIAL DEBRIS
SOIL SCTLs EXCEEDANCE (ARSENIC ONLY EXCEEDANCE NOT INCLUDED)

TABLE

SAMPLE ID	
DATE	
Al	mg/kg
Sb	mg/kg
As	mg/kg
Ba	mg/kg
Cd	mg/kg
Cr	mg/kg
Cu	mg/kg
Fe	mg/kg
Pb	mg/kg
Hg	mg/kg
Se	mg/kg
Ag	mg/kg
Total PCBs	mg/kg
Dioxins	ng/kg
B(a)P TEQs	mg/kg

CLEAN UP TARGET LEVELS (mg/kg)

ANALYTE	RESIDENTIAL	INDUSTRIAL	LEACHABILITY
Al	80,000	*	*
Sb	27	370	5.4
As	2.1	12	*
Ba	120	130,000	1,600
Cd	82	1,700	7.5
Cr	310	470	38
Cu	150	89,000	*
Fe	53,000	N/A	*
Pb	400	1,400	*
Hg	3	17	2.1
Se	440	11,000	5.2
Ag	410	8,200	17
Total PCBs	0.5	2.6	17
Dioxins ng/kg	7	30	3,000
Benzo(a)Pyrene Equivalent	0.1	0.7	NA

REV | DATE | DESCRIPTION | CHK BY | LICENSE NO.

SHEET TITLE: **SOIL ANALYTICAL SUMMARY (1.0-2.0)**

PROJECT TITLE: **CURTIS PARK**
1901 NW 24th AVE.
MIAMI, FL

CLIENT: **CITY OF MIAMI**

SCS ES CONSULTANTS
STEARNS, CONRAD AND SCHMIDT CONSULTING ENGINEERS, INC
7700 N. KENDALL DRIVE, SUITE 300, MIAMI, FL 33156
PH. (305) 412-8185 FAX. (305) 412-8105
FL CERTIFICATE OF AUTHORIZATION NO. 00004892

PROJ. NO. 0921.3010.20 | DWN. BY: WCR | CHK. BY: MCP | QA/A RVW BY: MCP | APP. BY: EFS | DSN. BY: MCP

CADD FILE:

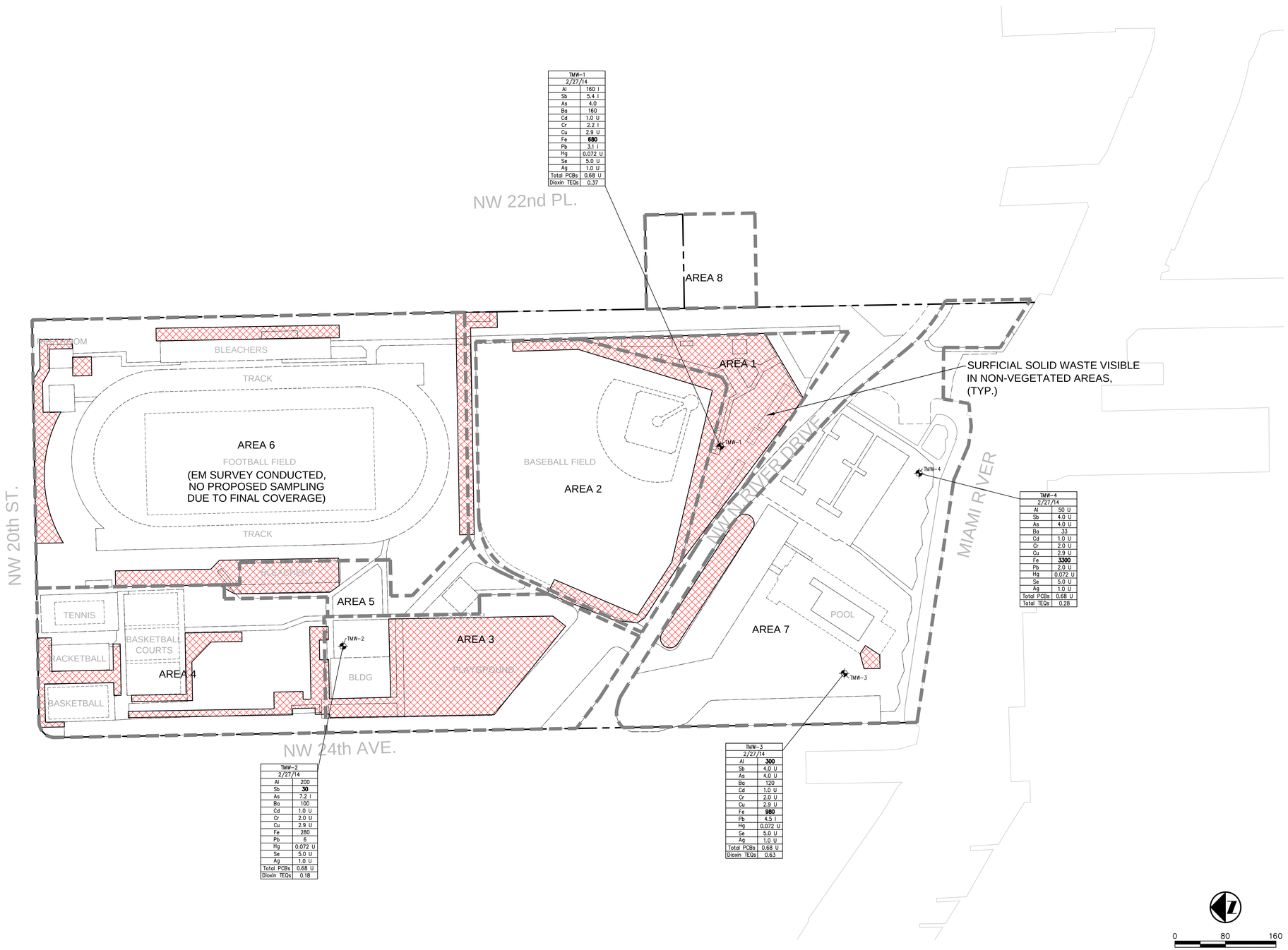
DATE: 17–APRIL–2014

SCALE: AS NOTED

DRAWING NO. **Fig. 6**

SHEET 6 of 8

M:\ESMASTER\City of Miami\Curtis Park\Drawings\FIG.6 SOIL ANALYTICAL SUMMARY 1.0-2.0.dwg Apr 17, 2014 - 4:56pm Layout Name: Layout By: 3618wcr



TMW-1	
2/27/14	
Al	160 I
Sb	5.4 I
As	4.0
Ba	160
Cd	1.0 U
Cr	2.2 I
Cu	2.9 U
Fe	**680**
Pb	3.1 I
Hg	0.072 U
Se	5.0 U
Ag	1.0 U
Total PCBs	0.68 U
Dioxin TEQs	0.37

TMW-4	
2/27/14	
Al	50 U
Sb	4.0 U
As	4.0 U
Ba	33
Cd	1.0 U
Cr	2.0 U
Cu	2.9 U
Fe	**3300**
Pb	2.0 U
Hg	0.072 U
Se	5.0 U
Ag	1.0 U
Total PCBs	0.68 U
Total TEQs	0.28

TMW-2	
2/27/14	
Al	200
Sb	**30**
As	7.2 I
Ba	100
Cd	1.0 U
Cr	2.0 U
Cu	2.9 U
Fe	280
Pb	6
Hg	0.072 U
Se	5.0 U
Ag	1.0 U
Total PCBs	0.68 U
Dioxin TEQs	0.18

TMW-3	
2/27/14	
Al	**300**
Sb	4.0 U
As	4.0 U
Ba	120
Cd	1.0 U
Cr	2.0 U
Cu	2.9 U
Fe	**980**
Pb	4.5 I
Hg	0.072 U
Se	5.0 U
Ag	1.0 U
Total PCBs	0.68 U
Dioxin TEQs	0.63

0 80 160
SCALE IN FEET

NOTES

µg/L – micrograms per Liter
pg/L – picograms per Liter
U – Analyte was not detected at the laboratory Method Detection Limit (MDL).
I – The reported value is between the MDL and the Laboratory Practical Quantitation Limit (PQL).
Bold – Indicates an exceedence of the Groundwater Cleanup Target Level (GCTL)
P – Pending

LEGEND

PROPERTY LINE
SURFICIAL DEBRIS
TEMPORARY MONITORING WELL LOCATION

TABLE

SAMPLE ID	
DATE	
Al	µg/L
Sb	µg/L
As	µg/L
Ba	µg/L
Cd	µg/L
Cr	µg/L
Cu	µg/L
Fe	µg/L
Pb	µg/L
Hg	µg/L
Se	µg/L
Ag	µg/L
Total PCBs	µg/L
Dioxin TEQs	pg/L

CLEAN UP TARGET LEVELS (µg/L)

ANALYTE	RESIDENTIAL
Al	200
Sb	6
As	10
Ba	2,000
Cd	5
Cu	1,000
Fe	300
Pb	15
Hg	2
Se	50
Ag	100
Total PCBs	0.5
Dioxin TEQs	30

REV	DATE	DESCRIPTION	CHK. BY

LICENSE NO.

SHEET TITLE: **GROUNDWATER ANALYTICAL SUMMARY**

PROJECT TITLE: **CURTIS PARK 1901 NW 24th AVE. MIAMI, FL**

CLIENT: **CITY OF MIAMI**

SCS ES CONSULTANTS
STEARNS, CONRAD AND SCHMIDT CONSULTING ENGINEERS, INC.
7700 N. KENDALL DRIVE, SUITE 300, MIAMI, FL 33156
PH. (305) 412-8185 FAX. (305) 412-8105
FL CERTIFICATE OF AUTHORIZATION NO. 00004892

PROJ. NO. 09213010.20 | DWN. BY: WCR | Q/A RVW BY: MCP | APP. BY: EFS
DSN. BY: MCP | CHK. BY: MCP

CADD FILE:

DATE: 17–APRIL–2014

SCALE: AS NOTED

DRAWING NO. **Fig. 7**

SHEET **7** of **8**

M:\ESMASTER\City of Miami\Curtis Park\Drawings\Fig.7 GROUNDWATER ANALYTICAL SUMMARY.dwg Apr 17, 2014 – 4:57pm Layout Name: Layout By: 3618wcr

NW 22nd PL.

NW 24th AVE.

NW 20th ST.

MIAMI RIVER

NW 1ST RIVER DRIVE

AREA 1

AREA 2

AREA 3

AREA 4

AREA 5

AREA 6

FOOTBALL FIELD

(EM SURVEY CONDUCTED, NO PROPOSED SAMPLING DUE TO FINAL COVERAGE)

AREA 7

AREA 8

SOURCE REMOVAL CONDUCTED FEBRUARY 3, 2014

SURFICIAL SOLID WASTE VISIBLE IN NON-VEGETATED AREAS, (TYP.)

BASEBALL FIELD

BLEACHERS

TRACK

RESTROOM

TENNIS

BASKETBALL COURTS

RACKETBALL

BASKETBALL

PLAYGROUND

BLDG

POOL

SB-1 SB-2 SB-3 SB-4 SB-5 SB-6 SB-7 SB-8 SB-9 SB-10 SB-11 SB-12 SB-13 SB-14 SB-15 SB-16 SB-17 SB-18 SB-19 SB-20 SB-21 SB-22 SB-23 SB-24 SB-25 SB-26 SB-27 SB-28 SB-29 SB-30 SB-31 SB-32 SB-33 SB-34 SB-35 SB-36 SB-37 SB-38 SB-39 SB-40 SB-41 SB-42 SB-43 SB-44 SB-45 SB-46 SB-47 SB-48 SB-49 SB-50 SB-51 SB-52 SB-53 SB-54 SB-55 SB-56 SB-57 SB-58 SB-59 SB-60 SB-61 SB-62 SB-63 SB-64 SB-65 SB-66 SB-67 SB-68 SB-69 SB-70 SB-71 SB-72 SB-73 SB-74 SB-75 SB-76 SB-77 SB-78 SB-79 SB-80 SB-81

TMW-1 TMW-2 TMW-3 TMW-4

LEGEND

- PROPERTY LINE
- VISUAL DELINEATION SOIL BORINGS
- SOIL BORING LOCATION
- TEMPORARY MONITORING WELL LOCATION
- NO SOLID WASTE WITHIN THE CORE
- SURFICIAL DEBRIS
- SOLID WASTE @ 0–0.5 FT
- SOLID WASTE @ 0.5–1.0 FT
- SOLID WASTE @ 1.0–2.0 FT
- SOLID WASTE @ 2.0–4.0 FT
- SOLID WASTE @ 4.0 FT AND DEEPER
- RUBBER MAT
- ASTRO TURF
- BUILDING / COURTS
- ASPHALT PARKING
- CONCRETE WALKWAYS

0 60 120
SCALE IN FEET

M:\ESMASTER\City of Miami\Curtis Park\Drawings\FIG.8 VISIBLE SOLID WASTE AREA.dwg Apr 17, 2014 - 4:57pm Layout Name: layout By: 3618wcr

REV	DATE	DESCRIPTION	CHK BY

LICENSE NO.

SHEET TITLE
VISIBLE SOLID WASTE AREA

PROJECT TITLE
CURTIS PARK
1901 NW 24th AVE.
MIAMI, FL

CLIENT
CITY OF MIAMI

SCS ES CONSULTANTS
STEARNS, CONRAD AND SCHMIDT CONSULTING ENGINEERS, INC.
7700 N. KENDALL DRIVE, SUITE 300, MIAMI, FL 33156
PH. (305) 412-8185 FAX. (305) 412-8105
FL CERTIFICATE OF AUTHORIZATION NO. 00004892

PROJ. NO. 09213010.20
DSN. BY: MCP
DWN. BY: WCR
CHK. BY: MCP
QA/ QCW BY: MCP
APP. BY: EFS

CADD FILE:

DATE: 17–APRIL–2014

SCALE: AS NOTED

DRAWING NO.
Fig. 8
SHEET 8 of 8

TABLES

TABLE 1

VISIBLE SOLID WASTE
GERRY CURTIS PARK

Sample			
Sample Location	Date Collected	Sample Interval (fbls)	Solid Waste Observed
A-1	2-Feb-14	0-2	No SW
		2-3	SW
		3-7	No SW
A-2			
A-3	31-Jan	0-6	No SW
		At 0.75	Glass Frag.
A-4	31-Jan-14	0-6	No SW
A-5	31-Jan-14	0-0.5	No SW
		0.5-2	SW
		2-6	No SW
A-6	31-Jan-14	0-1.75	No SW
		1.75-4	SW
		4-6	No SW
A-7	31-Jan-14	0-3.25	No SW
		3.25-4.5	SW
		4.5-6	No SW
A-8	28-Jan-14	0-2	No SW
		2-2.25	SW
		2.25-6	No SW
A-9	28-Jan-14	0-1.5	No SW
		1.5-2.25	SW
		2.25-6	No SW
A-10	28-Jan-14	0-0.75	No SW
		0.75-2	SW
		2-6	No SW

Sample			
Sample Location	Date Collected	Sample Interval (fbls)	Solid Waste Observed
A-11	28-Jan-14	0-6	No SW
A-12	Lift Station		
A-13	3-Feb-14	0-6	No SW
A-14	3-Feb-14	0-6	No SW
A-15	3-Feb-14	0-6	No SW
		At 3	C&D
A-16	3-Feb-14	0-1	No SW
		1-3	SW
		3-7	No SW
A-17	3-Feb-14	0-4	No SW
		4-5.5	SW
		5.5-11	No SW
A-18	3-Feb-14	0-1.5	No SW
		1.5-6	C&D
		6-11	No SW
A-19	3-Feb-14	0-6	No SW
A-20			

Sample			
Sample Location	Date Collected	Sample Interval (fbls)	Solid Waste Observed
B-1	31-Jan-14	0-1	No SW
		1-4	SW
		4-6	No SW
B-2	31-Jan-14	0-1	No SW
		(1-2.5), (2.75-3)	SW, C&D
		3-6	No SW
B-3	Basketball Court		
B-4	31-Jan-14	0-6	No SW
B-5	31-Jan-14	0-2.5	No SW
		2.5-3.75	SW
		3.75-6	No SW
B-6	31-Jan-14	0-1.5	No SW
		1.5-4	SW
		4-6	No SW
B-7	31-Jan-14	0-3	No SW
		3-4.25	SW
		4.25-6	No SW
B-8	28-Jan-14	0-2	No SW
		2-3	SW
		3-6	No SW
B-9	28-Jan-14	0-2	No SW
		(2-2.25), (2.5-3.75)	SW
		3.75-6	No SW
B-10	28-Jan-14	0-1.5	No SW
		(1.5-1.75), (1.75-2.25)	C&D, SW
		2.25-6	No SW

Sample			
Sample Location	Date Collected	Sample Interval (fbls)	Solid Waste Observed
B-11	28-Jan-14	0-1.5	No SW
		1.5-2.5	SW
		2.5-6	No SW
B-12	28-Jan-14	0-0.75	No SW
		0.75-2.5	SW
		2.5-6	No SW
B-13	28-Jan-14	0-6	No SW
B-14	3-Feb-14	0-6	No SW
B-15	3-Feb-14	0-7	No SW
B-16	3-Feb-14	0-6	No SW
B-17	3-Feb-14	0-0.5	No SW
		0.5-6	SW
		6-9	No SW
B-18	3-Feb-14	0-9	No SW
B-19	3-Feb-14	0-6	No SW
B-20			

Notes:

SW = Solid waste observed during the advancement of soil borings

No SW = No solid waste observed during the advancement of soil borings

C&D = Inert fill material (concrete, brick, etc) observed during the advancement of soil borings

Reference A through L with corresponding numeric values indicates sample location within sampling grid.

TABLE 1

VISIBLE SOLID WASTE
GERRY CURTIS PARK

Sample			
Sample Location	Date Collected	Sample Interval (fbls)	Solid Waste Observed
C-1	31-Jan-14	0-1.5	No SW
		1.5-3.5	SW
		3.5-6	No SW
C-2	31-Jan-14	0-1.5	No SW
		1.5-3.5	SW
		3.5-6	No SW
C-3			
C-4	31-Jan-14	0-2.5	No SW
		2.5-3	SW
		3-6	No SW
C-5	31-Jan-14	0-3	No SW
		3-4.5	SW
		4.5-6	No SW
C-6	31-Jan-14	0-1.5	No SW
		1.5-3.5	SW
		3.5-6	No SW
C-7	31-Jan-14	0-1	No SW
		1-3	SW
		3-7	No SW
C-8	28-Jan-14	0-1	No SW
		1-1.5	SW
		1.5-6	No SW
C-9	28-Jan-14	0-1.25	No SW
		1.25-2.5	SW
		2.5-6	No SW
C-10	28-Jan-14	0-2	No SW
		2-3	SW
		3-6	No SW

Sample			
Sample Location	Date Collected	Sample Interval (fbls)	Solid Waste Observed
C-11	28-Jan-14	0-0.75	No SW
		0.75-1	SW
		1-6	No SW
C-12	28-Jan-14	0-6	No SW
C-13	27-Jan-14	0-2	No SW
		2-4	SW
		4-6	No SW
C-14	3-Feb-14	0-7	No SW
C-15			
C-16	3-Feb-14	0-3	No SW
		Refusal at 3	
C-17			
C-18	3-Feb-14	0-1	No SW
		1-7.5	SW
		7.5-9	No SW
C-19	3-Feb-14	0-0.5	No SW
		0.5-1.5	SW
		1.5-9	No SW
C-20			

Sample			
Sample Location	Date Collected	Sample Interval (fbls)	Solid Waste Observed
D-1	30-Jan-14	0-1.5	No SW
		1.5-2.5	SW
		2.5-6	No SW
D-2	30-Jan-14	0-4	No SW
		4-4.25	SW
		4.25-6	No SW
D-3	30-Jan-14	0-0.5	No SW
		0.5-3.75	SW
		3.75-6	No SW
D-4	30-Jan-14	0-1	No SW
		1-3.25	SW
		3.25-6	No SW
D-5	30-Jan-14	0-3	No SW
		3-4.5	SW
		4.5-6	No SW
D-6	30-Jan-14	0-1.25	No SW
		1.25-2.5	SW
		Refusal at 2.5	
D-7	30-Jan-14	0-0.5	No SW
		0.5-2.75	SW
		2.75-6	No SW
D-8	30-Jan-14	0-0.75	No SW
		(0.75-2.75), (2.75-4)	SW, C&D
		4-6	No SW
D-9	30-Jan-14	0-1.25	No SW
		1.25-2.75	SW
		2.75-6	No SW
D-10	28-Jan-14	0-2.5	No SW
		2.5-3	SW
		3-6	No SW

Sample			
Sample Location	Date Collected	Sample Interval (fbls)	Solid Waste Observed
D-11	27-Jan-14	0-0.5	No SW
		0.5-2.5	SW & C&D
		2.5-5	No SW
D-12	27-Jan-14	0-0.5	No SW
		0.5-2.5	SW
		2.5-6	No SW
D-13	27-Jan-14	0-1.25	No SW
		1.25-3.5	SW
		3.5-6	No SW
D-14	27-Jan-14	0-0.5	No SW
		(0.5-2), (2-2.5), (2.5-4)	C&D, SW, C&D
		4-6	No SW
D-15	3-Feb-14	0-7	No SW
D-16	3-Feb-14	0-7	No SW
D-17	3-Feb-14	0-7.5	No SW
		At 4	Brick Frag.
D-18	3-Feb-14	0-6	No SW
D-19	3-Feb-14	0-3	No SW
		3-3.5	SW
		3.5-6	No SW
D-20			

Notes:

SW = Solid waste observed during the advancement of soil borings

No SW = No solid waste observed during the advancement of soil borings

C&D = Inert fill material (concrete, brick, etc) observed during the advancement of soil borings

Reference A through L with corresponding numeric values indicates sample location within sampling grid.

TABLE 1

VISIBLE SOLID WASTE
GERRY CURTIS PARK

Sample			
Sample Location	Date Collected	Sample Interval (fbls)	Solid Waste Observed
E-1	30-Jan-14	0-2	No SW
		2-4	SW
		4-7	No SW
E-2	30-Jan-14	0-1	No SW
		1-6.5	SW
		6.5-7	No SW
E-3	30-Jan-14	0-3	No SW
		3-5	SW
		5-6	No SW
E-4	30-Jan-14	0-3.75	No SW
		3.75-4.5	SW
		4.5-6	No SW
E-5	30-Jan-14	0-6	No SW
E-6	30-Jan-14	0-3	No SW
		3-4.5	SW
		4.5-6	No SW
E-7	30-Jan-14	0-3	No SW
		3-4.5	SW
		4.5-6	No SW
E-8	30-Jan-14	0-2.5	No SW
		2.5-3.5	SW
		3.5-6	No SW
E-9	30-Jan-14	0-6	No SW
		Ash cluster	at 2
E-10	27-Jan-14	0-0.5	No SW
		(0.5-1), (1-2.5)	SW, C&D
		2.5-5	No SW

Sample			
Sample Location	Date Collected	Sample Interval (fbls)	Solid Waste Observed
E-11	27-Jan-14	0-0.5	No SW
		(0.5-1.25), (1.25-3)	SW, C&D
		3-6	No SW
E-12	27-Jan-14	0-0.5	No SW
		0.5-2.5	SW
		2.5-6	No SW
E-13	27-Jan-14	0-1.25	No SW
		1.25-3.75	SW
		3.75-6	No SW
E-14	27-Jan-14	0-0.5	No SW
		0.5-2	SW
		2-6	No SW
E-15	28-Jan-14	0-0.75	SW
		0.75-6	No SW
E-16	3-Feb-14	0-7	No SW
E-17	4-Feb-14	0-4	No SW
		4-5	SW
		5-7	No SW
E-18	4-Feb-14	0-7	No SW
		At 3	Asphalt
		3.5-4	Asphalt
E-19	3-Feb-14	0-6	No SW
E-2B	30-Jan-14	0-3	No SW
		3-5	SW
		5-6	No SW

Sample			
Sample Location	Date Collected	Sample Interval (fbls)	Solid Waste Observed
F-1	30-Jan-14	0-4	No SW
		4-4.25	SW
		4.25-11	No SW
F-2	30-Jan-14	0-7	No SW
F-3			
F-4			
F-5			
F-6			
F-7			
F-8			
F-9	30-Jan-14	0-2	No SW
		Refusal at 2	
F-10	27-Jan-14	0-1.25	No SW
		1.25-2.75	C&D
		2.75-4	No SW

Sample			
Sample Location	Date Collected	Sample Interval (fbls)	Solid Waste Observed
F-11	27-Jan-14	0-0.75	No SW
		0.75-3	SW
		3-4	No SW
F-12	27-Jan-14	0-0.75	No SW
		(0.75-1), (1-4)	C&D, SW
		4-6	No SW
F-13	27-Jan-14	0-2	No SW
		2-5.5	SW
		5.5-6	No SW
F-14	27-Jan-14	0-1.75	No SW
		1.75-4	SW
		4-7	No SW
F-15	28-Jan-14	0-1.75	No SW
		1.75-5	SW
		5-6	No SW
F-16	4-Feb-14	0-3	No SW
		(3-3.75), (3.75-4.25)	C&D, SW
			No SW
F-17	4-Feb-14	0-7	No SW
F-18	4-Feb-14	0-2	No SW
		2-3	SW
		3-7	No SW
F-19	4-Feb-14	0-6	No SW
F-20	3-Feb-14	0-7.5	No SW

Notes:

SW = Solid waste observed during the advancement of soil borings

No SW = No solid waste observed during the advancement of soil borings

C&D = Inert fill material (concrete, brick, etc) observed during the advancement of soil borings

Reference A through L with corresponding numeric values indicates sample location within sampling grid.

TABLE 1

VISIBLE SOLID WASTE
GERRY CURTIS PARK

Sample			
Sample Location	Date Collected	Sample Interval (fbls)	Solid Waste Observed
G-1	30-Jan-14	0-3	No SW
		3-6.5	SW
		6.5-8	No SW
G-2	30-Jan-14	0-4	No SW
		4-7	SW
		7-10	No SW
G-3	4-Feb-14	0-4	No SW
		4-6.75	SW
		6.75-7	No SW
G-4			
G-5			
G-6			
G-7			
G-8			
G-9	30-Jan-14	0-3	No SW
		3-6	SW
		6-7	No SW
G-10	27-Jan-14	0-1.5	No SW
		1.5-4	SW
		4-6	No SW

Sample			
Sample Location	Date Collected	Sample Interval (fbls)	Solid Waste Observed
G-11	27-Jan-14	0-2	No SW
		2-4.5	SW
		5-6	No SW
G-12	27-Jan-14	0-2	No SW
		2-5	SW
		5-7	No SW
G-13	27-Jan-14	0-2	No SW
		2-5	SW
		5-7	No SW
G-14	27-Jan-14	0-1.75	No SW
		1.75-5.25	SW
		5.25-7	No SW
G-15	28-Jan-14	0-1	No SW
		1-4.5	SW
		4.5-7	No SW
G-16	28-Jan-14	0-2	No SW
		2-4.5	SW
		4.5-6	No SW
G-17	4-Feb-14	0-4	No SW
		4-6	SW
		6-7	No SW
G-18	4-Feb-14	0-6	No SW
G-19		0-6	No SW
		At 3.25	small rusted metal
G-20	4-Feb-14	0-3	No SW

Sample			
Sample Location	Date Collected	Sample Interval (fbls)	Solid Waste Observed
H-1	31-Jan-14	0-3	No SW
		3-6	SW
		6-7	No SW
H-2	30-Jan-14	0-4	No SW
		4-5.5	SW
		5.5-6	No SW
H-3	31-Jan-14	0-3.5	No SW
		3.5-6.5	SW
		6.5-7	No SW
H-4	31-Jan-14	0-3.5	No SW
		3.5-7.5	SW
		7.5-8	No SW
H-5	31-Jan-14	0-3.5	No SW
		3.5-7.5	SW
		7.5-8	No SW
H-6	31-Jan-14	0-3.5	No SW
		3.5-6.5	SW
		6.5-8	No SW
H-7	31-Jan-14	0-3.5	No SW
		3.5-6.5	SW
		6.5-8	No SW
H-8	31-Jan-14	0-3	No SW
		3-6	SW
		6-7	No SW
H-9	30-Jan-14	0-3.75	No SW
		3.5-6	SW
		6-7	No SW
H-10	27-Jan-14	0-1	No SW
		(1-1.5), (1.5-5.5)	C&D, SW
		5.5-7	No SW

Sample			
Sample Location	Date Collected	Sample Interval (fbls)	Solid Waste Observed
H-11	27-Jan-14	0-3.5	No SW
		3.5-6.5	SW
		6.5-8	No SW
H-12	27-Jan-14	0-1.75	No SW
		(1.75-2.5), (2.5-8)	C&D w/ Glass, SW
		8-15	No SW
H-13	27-Jan-14	0-6	No SW
		6-6.75	SW
		6.75-7	No SW
H-14	27-Jan-14	0-3	No SW
		3-5	SW
		5-7	No SW
H-15	28-Jan-14	0-3	No SW
		3-6	SW
		6-7	No SW
H-16	28-Jan-14	0-0.5	No SW
		0.5-4.25	SW
		4.25-6	No SW
H-17			
H-18			
H-19			
H-20			

Notes:

SW = Solid waste observed during the advancement of soil borings

No SW = No solid waste observed during the advancement of soil borings

C&D = Inert fill material (concrete, brick, etc) observed during the advancement of soil borings

Reference A through L with corresponding numeric values indicates sample location within sampling grid.

TABLE 1

VISIBLE SOLID WASTE
GERRY CURTIS PARK

Sample			
Sample Location	Date Collected	Sample Interval (fbls)	Solid Waste Observed
I-1	30-Jan-14	0-1	No SW
		(1-2.5), (4.5-6)	SW, SW
		6-6.5	No SW
I-2	30-Jan-14	0-2.5	No SW
		2.5-6.5	SW
		6.5-7	No SW
I-3	30-Jan-14	0-5	No SW
		5-6.5	SW
		6.5-8	No SW
I-4	30-Jan-14	0-2	No SW
		2-5.75	SW
		5.75-6.5	No SW
I-5	30-Jan-14	0-2	No SW
		2-5	SW
		5-6	No SW
I-6	30-Jan-14	0-1.25	No SW
		(1.25-2), (4-6.25)	SW, SW
		6.25-7	No SW
I-7	30-Jan-14	0-4	No SW
		4-6.75	SW
		6.75-7	No SW
I-8	30-Jan-14	0-3	No SW
		3-5.25	SW
		5.25-7	No SW
I-9	30-Jan-14	0-2	No SW
		2-5.5	SW
		5.5-7	No SW
I-10			

Sample			
Sample Location	Date Collected	Sample Interval (fbls)	Solid Waste Observed
I-11	4-Feb-14	0-2	No SW
		2-6.5	SW
		6.5-7	No SW
I-12	4-Feb-14	0-1	No SW
		1-6.5	SW
		6.5-7	No SW
I-13	4-Feb-14	0-0.75	No SW
		0.75-4	SW
		Refusal at 4	
I-14	28-Jan-14	0-3.5	No SW
		3.5-9	SW
		9-11	No SW
I-15	28-Jan-14	0-4	No SW
		4-6.5	SW
		6.5-7	No SW
I-16	28-Jan-14	0-2	No SW
		2-6	SW
		6-8.5	No SW
I-20	4-Feb-14	0-2	No SW
I-21	4-Feb-14	0-2	No SW
J-14	4-Feb-14	0-3.5	SW
		3.5-6	No SW
J-15	4-Feb-14	0-0.5	No SW
		0.5-2	C&D
		2-6	No SW

Sample			
Sample Location	Date Collected	Sample Interval (fbls)	Solid Waste Observed
K-14	4-Feb-14	0-2	No SW
		2-3	SW
		3-6	No SW
K-15	4-Feb-14	0-1.25	No SW
		(0.75-1), (1.25-1.5)	Asphalt
		1.5-6	No SW
L-14	4-Feb-14	0-6	No SW
L-15	4-Feb-14	0-2.75	No SW
		2.75-3.25	SW
		3.25-6	No SW
SB-4 (1)	3-Feb-14	(0-1), (3-8)	SW, SW
		(1-3), (8-11)	No SW
SB-4 (2)	3-Feb-14	(0-0.5), (5-8)	SW, SW
		(0.5-5), (8-11.5)	No SW
SB-4 (3)	3-Feb-14	(0-2), (4-7.5)	SW, SW
		(2-4), (7.5-11)	No SW
SB-4 (4)	3-Feb-14	(0.75-2), (4-9)	SW, SW
		(2-4), (9-11)	No SW

Sample			
Sample Location	Date Collected	Sample Interval (fbls)	Solid Waste Observed
SB-8	31-Jan-14	0-0.75	No SW
		0.75-2	SW
SB-9	31-Jan-14	0-0.75	No SW
		0.75-1.25	SW
		1.25-2	No SW
SB-10	31-Jan-14	0.75-2	No SW
SB-11	31-Jan-14	0-1.25	No SW
		1.25-2	SW
SB-12	31-Jan-14	0-0.5	No SW
		0.5-1.5	SW
		1.5-2	No SW
SB-13	31-Jan-14	0-1	No SW
		1-2	SW
SB-14	31-Jan-14	0-1.75	No SW
		1.75-2	SW
SB-15	31-Jan-14	0-1	No SW
		1-2	SW
SB-16	31-Jan-14	0-1.75	No SW
		1.75-2	SW
SB-17	31-Jan-14	0-2	No SW

Notes:

SW = Solid waste observed during the advancement of soil borings

No SW = No solid waste observed during the advancement of soil borings

C&D = Inert fill material (concrete, brick, etc) observed during the advancement of soil borings

Reference A through L with corresponding numeric values indicates sample location within sampling grid.

TABLE 1

VISIBLE SOLID WASTE
GERRY CURTIS PARK

AREA 1 - BASEBALL FIELD PERIMETER

Sample			
Sample Location	Date Collected	Sample Interval (fbls)	Solid Waste Observed
SB-18	25-Feb-14	0-0.5	No SW
		0.5-1.5	No SW
		1.5-2	SW
SB-19	25-Feb-14	0-0.75	No SW
		0.75-1.25	SW
		1.25-2	No SW
SB-20	25-Feb-14	0-0.5	No SW
		0.5-2	SW
SB-21	25-Feb-14	0-0.5	SW
		0.5-1.5	No SW
		1.5-2	SW
SB-22	25-Feb-14	0-1.75	No SW
		1.75-2	SW
SB-23	25-Feb-14	0-2	No SW
		2-3	SW
SB-24	25-Feb-14	0-0.5	SW
		0.5-1.25	SW
		1.25-2	SW
SB-25	25-Feb-14	0-0.5	No SW
		0.5-1	SW
		1-2	No SW
		2-2.5	No SW
SB-26	25-Feb-14	0-0.5	No SW
		0.5-1	No SW
		1-2	SW

AREA 2 - BASEBALL FIELD

Sample			
Sample Location	Date Collected	Sample Interval (fbls)	Solid Waste Observed
SB-27	25-Feb-14	0-0.5	No SW
		0.5-1.5	No SW
		1.5-2.5	SW
SB-28	25-Feb-14	0-0.5	No SW
		0.5-1.25	SW
		1.25-2	No SW
		2-2.75	No SW
		2.75-3	No SW
SB-29	25-Feb-14	0-1.5	No SW
		1.5-2	No SW
		2-2.5	SW
SB-30	25-Feb-14	0-0.25	No SW
		0.25-1	No SW
		1-1.5	No SW
		1.5-1.75	No SW
		1.75-3	SW
SB-31	25-Feb-14	0-1	No SW
		1-2	SW

AREA 3 - PLAYGROUND

Sample			
Sample Location	Date Collected	Sample Interval (fbls)	Solid Waste Observed
SB-32	26-Feb-14	0-1	No SW
		1-1.8	SW
		1.8-2	No SW
SB-33	26-Feb-14	0-1	No SW
		1-2	SW
SB-34	26-Feb-14	0-0.5	SW
		0.5-1	No SW
		1-1.5	SW
		1.5-2	No SW
SB-35	26-Feb-14	0-1.25	No SW
		1.25-2	No SW
SB-36	26-Feb-14	0-0.5	No SW
		0.5-1	No SW
		1-2	SW
SB-37	26-Feb-14	0-0.5	No SW
		0.5-1.5	No SW
		1.5-2	SW
SB-38	26-Feb-14	0-0.5	No SW
		0.5-1	SW
		1-2	SW
SB-39	26-Feb-14	0-0.5	No SW
		0.5-1.5	No SW
		1.5-2	No SW

Notes:
SW = Solid waste observed during the advancement of soil borings
No SW = No solid waste observed during the advancement of soil borings
C&D = Inert fill material (concrete, brick, etc) observed during the advancement of soil borings

TABLE 1

VISIBLE SOLID WASTE

GERRY CURTIS PARK

AREA 4 - COURTS

Sample			
Sample Location	**Date Collected**	**Sample Interval (fbls)**	**Solid Waste Observed**
SB-40	24-Feb-14	0-0.5	SW
		0.5-1.25	No SW
		1.25-2	SW
		2-2.5	No SW
SB-41	24-Feb-14	0-0.5	No SW
		0.5-2	No SW
		2-2.5	SW
SB-42	24-Feb-14	0-0.5	No SW
		0.5-0.75	No SW
		0.75-1.25	No SW
		1.25-1.5	SW
		1.5-2	SW
SB-43	24-Feb-14	0-0.5	No SW
		0.5-1.25	No SW
		1.25-1.75	SW
		1.75-2	No SW
		2-2.5	No SW
SB-44	24-Feb-14	0-0.25	No SW
		0.25-1	No SW
		1-2	SW
		1.5-1.75	SW
SB-45	24-Feb-14	0-0.25	No SW
		0.25-0.75	No SW
		0.75-1	No SW
		1-2.5	SW

AREA 5/5A - WESTERN BLEACHERS

Sample			
Sample Location	**Date Collected**	**Sample Interval (fbls)**	**Solid Waste Observed**
SB-46	25-Feb-14	0-0.5	SW
		0.5-1.25	SW
		1.25-2	No SW
SB-47	25-Feb-14	0-1	SW
		1-1.25	No SW
		1.25-2	SW
		2-2.5	No SW
SB-48	25-Feb-14	0-0.5	No SW
		0.5-1.5	No SW
		1.5-2.5	SW
SB-49	25-Feb-14	0-1	SW
		1-1.1	No SW
		1.1-1.5	SW
		1.5-1.6	No SW
		1.6-2	SW

AREA 6 - FOOTBALL FIELD

Sample			
Sample Location	**Date Collected**	**Sample Interval (fbls)**	**Solid Waste Observed**
SB-50	24-Feb-14	0-0.75	No SW
		0.75-1.75	No SW
		1.75-2	SW
SB-51	24-Feb-14	0-1	No SW
		1-1.25	SW
		1.25-2	No SW
SB-52	24-Feb-14	0-0.25	No SW
		0.25-1.25	No SW
		1.25-2	No SW
SB-53	24-Feb-14	0-1.5	SW
		1.5-2	No SW
SB-54	24-Feb-14	0-0.5	No SW
		0.5-1	No SW
		1-1.25	SW
		1.25-1.75	No SW
		1.75-2	No SW
		2-2.5	SW
SB-55	24-Feb-14	0-0.5	No SW
		0.5-1.5	No SW
		1.5-2	SW
		2-2.75	No SW
		2.75-3	SW
SB-56	24-Feb-14	0-0.5	No SW
		0.5-1.75	No SW
		1.75-2	No SW
		2-2.5	SW
SB-57	24-Feb-14	0-0.25	No SW
		0.25-0.5	No SW
		0.5-1.5	No SW
		1.5-2	No SW
		2-2.5	No SW
		2.5-2.75	No SW
		2.75-3	No SW

Notes:

SW = Solid waste observed during the advancement of soil borings

No SW = No solid waste observed during the advancement of soil borings

C&D = Inert fill material (concrete, brick, etc) observed during the advancement of soil borings

TABLE 1
VISIBLE SOLID WASTE
GERRY CURTIS PARK

AREA 7 - POOL

Sample			
Sample Location	Date Collected	Sample Interval (fbls)	Solid Waste Observed
SB-58	24-Feb-14	0-0.75	No SW
		0.75-1.25	No SW
		1.25-2	SW
SB-59	24-Feb-14	0-1	No SW
		1-1.5	No SW
		1.5-2	No SW
SB-60	24-Feb-14	0-0.5	No SW
		0.5-1	No SW
		1-1.25	SW
		1.25-1.5	No SW
		1.5-2	No SW
SB-61	24-Feb-14	0-0.5	No SW
		0.5-1.25	No SW
		1.25-2	No SW
SB-62	24-Feb-14	0-0.75	No SW
		0.75-2	No SW
SB-63	24-Feb-14	0-0.5	No SW
		0.5-2	No SW
SB-64	24-Feb-14	0-0.75	No SW
		0.75-1.75	No SW
		1.75-2	No SW

AREA 8 - EASTERN PARKING LOT

Sample			
Sample Location	Date Collected	Sample Interval (fbls)	Solid Waste Observed
SB-65	25-Feb-14	0-0.75	No SW
		0.75-1	SW
		1-1.75	No SW
		1.75-2	No SW
		2-2.5	No SW
		2.5-3	No SW
SB-66	25-Feb-14	0-2	No SW
SB-67	25-Feb-14	0-0.25	No SW
		0.25-1.75	No SW
		1.75-2	SW
SB-68	25-Feb-14	0-0.25	No SW
		0.25-2	No SW
		2-2.25	SW

RIGHT-OF-WAYS

Sample			
Sample Location	Date Collected	Sample Interval (fbls)	Solid Waste Observed
SB-69	26-Feb-14	0-0.5	No SW
		0.5-2	No SW
SB-70	26-Feb-14	0-1	No SW
		1-2	SW
		2-2.5	No SW
SB-71	26-Feb-14	0-0.5	No SW
		0.5-1	No SW
		1-2	No SW
SB-72	26-Feb-14	0-0.5	No SW
		0.5-1	No SW
		1-2	No SW
SB-73	26-Feb-14	0-0.5	SW
		0.5-1	SW
		1-2	SW
SB-74	26-Feb-14	0-0.5	No SW
		0.5-1.5	No SW
		1.5-2	No SW
SB-75	26-Feb-14	0-0.5	No SW
		0.5-1.5	No SW
		1.5-2	No SW
SB-76	26-Feb-14	0-0.5	No SW
		0.5-1.25	No SW
		1.25-2	No SW
SB-77	26-Feb-14	0-0.5	No SW
		0.5-2	No SW
SB-78	26-Feb-14	0-2	SW
SB-79	26-Feb-14	0-0.5	SW
		0.5-1.5	SW
SB-80	26-Feb-14	0-0.5	No SW
		0.5-2	SW
SB-81	26-Feb-14	0-0.5	No SW
		0.5-2	SW

Notes:

SW = Solid waste observed during the advancement of soil borings

No SW = No solid waste observed during the advancement of soil borings

C&D = Inert fill material (concrete, brick, etc) observed during the advancement of soil borings

TABLE 2 - SOIL ANALYTICAL SUMMARY (Metals, PCBs and Dioxins)

GERRY CURTIS PARK

Sample				Parameters														
Sample Location/ Sample ID	Date Collected	Sample Interval (fbls)	Type of Solid Waste (SW) Observed	Aluminum	Antimony	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Mercury	Selenium	Silver	Total PCBs	Dioxins Total 2,3,7,8-TCDD Equivalents[#]	Comment
				(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(ng/Kg)	
Direct Exposure Residential				80000	27	2.1	120**	82	310	150**	53000	400	3	440	410	0.5	7	
Direct Exposure Industrial				*	370	12	130000	1700	470	89000	*	1400	17	11000	8200	2.6	30	
Leachability Based on Groundwater Criteria				***	5.4	***	1600	7.5	38	***	***	***	2.1	5.2	17	17	3000	
Miami-Dade County Background Concentration				2656	NA	1.2	7	0.1	6.8	4.1	2176	26	0.08	<0.45 [a]	<0.025 [a]	NA	NA	
Baseball Field Perimeter December 2013 Samples																		
Curtis (4)(0-0.5)	23-Dec-13	0-0.5	**SW**	6200	*17*	**28**	**870**	5.8	*55*	**4100**	**82000**	**2100**/TCLP 0.24 I	0.22	NA	NA	NA	NA	
Source Removal Area																		
SB-4(1)	3-Feb-14	0-0.5	**Glass**	NA	3.1	**16**	57	NA	13	59	7100	130	NA	NA	NA	NA	NS	
SB-4(2)	3-Feb-14	0-0.5	**Glass**	NA	5.2	**8.7**	89	NA	14	92	11000	380	NA	NA	NA	NA	NS	
SB-4(3)	3-Feb-14	0-0.5	**Metal & Glass**	NA	2.0 I	**8.4**	56	NA	9.9	52	6700	160	NA	NA	NA	NA	NS	
SB-4(3)	3-Feb-14	0-0.5	**No SW**	NA	*5.3*	**7.0**	75	NA	25	78	8200	180	NA	NA	NA	NA	NS	Dilution X5
Area 1 - Baseball Field Perimeter																		
SB-18 (0-0.5)	25-Feb-14	0-0.5	**No SW**	2500	0.74 U	1.8	27	0.23 I	8.5	23	2300	24	0.032 I	0.79 I	0.28 U	NA	NA	
SB-18 (0.5-1.5)	25-Feb-14	0.5-1.5	**No SW**	900	0.55 U	0.71	7.1	0.12 I	5.8	3.2	750	7.4	0.012 U	0.40 U	0.41 U	NA	NA	Dilution X2 Silver
SB-18 (1.5-2)	25-Feb-14	1.5-2	**SW**	1600	4.4	**5.2**	80	0.55 I	9.5	48	6400	120	0.028 I	0.46 U	0.46 I	NA	NA	
SB-19 (0-0.75)	25-Feb-14	0-0.75	**No SW**	NA	3.0	**10**	61	NA	NA	130	11000	240	NA	NA	NA	NA	NA	
SB-19 (0.75-2)	25-Feb-14	0.75-2	**SW**	NA	*18*	**27**	**700**	NA	NA	**540**	**89000**	**1700**	NA	NA	NA	NA	NA	Dilution X5
SB-20 (0-0.5)	25-Feb-14	0-0.5	**SW**	2700	*10 I*	**20**	**430**	3.3	*52*	**410**	**68000**	**1500**	0.12	2.4 U	6.0 I	NA	**11.69**	Dilution X5
SB-20 (0.5-2)	25-Feb-14	0.5-2	**SW**	10000	*21*	**46**	**2700**	6.6	*69*	**930**	**110000**	**3200**	0.059	2.6 I	9.7	0.020U	**48.12**	
SB-21 (0-0.5)	25-Feb-14	0-0.5	**Metal**	NA	*5.5*	**11**	120	NA	NA	**160**	12000	340	NA	NA	NA	NA	NA	
SB-21 (0.5-2)	25-Feb-14	0.5-2	**Metal & Glass**	NA	*20*	**20**	**1200**	NA	NA	**520**	47000	4500	NA	NA	NA	NA	NA	Dilution x3
SB-22 (0-0.5)	25-Feb-14	0-0.5	**No SW**	1700	1.4 I	**12**	25	0.52 I	7.7	34	4400	82	0.018 I	0.39 U	0.20 U	NA	NA	
SB-22 (0.5-1.5)	25-Feb-14	0.5-1.5	**No SW**	1500	3.8	**15**	**630**	0.86	15	140	15000	320	0.075	0.42 U	0.50 I	NA	NA	
SB-22 (1.5-2)	25-Feb-14	1.5-2	**SW**	1500	4.1	**19**	100	1.3	15	130	21000	350	0.070	0.43 U	0.96 I	NA	NA	
SB-23 (0-0.5)	25-Feb-14	0-0.5	**No SW**	NA	1.7 I	**6.4**	51	NA	NA	53	6400	130	NA	NA	NA	NA	NA	
SB-23 (0.5-2)	25-Feb-14	0.5-2	**SW**	NA	*15*	**32**	**530**	NA	NA	**400**	**87000**	**1700**	NA	NA	NA	NA	NA	
SB-24 (0-0.5)	25-Feb-14	0-0.5	**Metal & Glass**	4200	3.6	**12**	79	0.87	20	120	13000	260	0.10	0.47 U	1.0 I	NA	NA	
SB-24 (0.5-2)	25-Feb-14	0.5-2	**SW**	6100	*20*	**36**	**860**	5.8	*66*	**1200**	**130000**	**2700**	0.063	3.5 U	4.7 I	NA	NA	Dilution x8
SB-25 (0-0.5)	25-Feb-14	0-0.5	**No SW**	NA	0.58 U	**5.1**	5.8	NA	NA	6.1	9300	12	NA	NA	NA	NA	NA	
SB-25 (0.5-2)	25-Feb-14	0.5-2	**SW**	NA	1.6 I	**8.3**	34	NA	NA	27	3500	61	NA	NA	NA	NA	NA	
SB-26 (0-0.5)	25-Feb-14	0-0.5	**No SW**	NA	1.4 I	**5.1**	50	NA	NA	46	5600	130	NA	NA	NA	NA	1.64	
SB-26 (0.5-1)	25-Feb-14	0.5-1	**No SW**	NA	5.4	12	71	NA	NA	88	19000	**570**	NA	NA	NA	NA	NA	
SB-26 (1-2)	25-Feb-14	1-2	**SW**	NA	**53**	**57**	**1400**	NA	NA	**2500**	**180000**	**4800**	NA	NA	NA	NA	**20.91**	
ROW - Samples #1 (NW 23rd Ave, South)																		
SB-69 (0-0.5)	26-Feb-14	0-0.5	**No SW**	NA	0.63 U	**3.8**	31	NA	NA	33	2900	78	NA	NA	NA	NA	NA	
SB-69 (0.5-1)	26-Feb-14	0.5-1	**No SW**	NA	0.59 U	**0.82**	**8.5**	NA	NA	**0.78 I**	**950**	**2.3**	NA	NA	NA	NA	NA	
SB-69 (1-2)	26-Feb-14	1-2	**No SW**	NA	0.61 I	**4.3**	23	NA	NA	10	3800	43	NA	NA	NA	NA	NA	
SB-70 (0-0.5)	26-Feb-14	0-0.5	**No SW**	NA	2.9	**24**	54	NA	NA	93	23000	370	NA	NA	NA	NA	**21.33**	
SB-70 (0.5-1)	26-Feb-14	0.5-1	**Metal & Glass**	NA	*9.5 I*	**32**	**140**	NA	NA	**320**	54000	**1000**	NA	NA	NA	NA	**31.16**	Dilution x5
SB-70 (1-2)	26-Feb-14	1-2	**Metal & Glass**	NA	**69**	**77**	**1500**	NA	NA	**850**	**260000**	**4700**	NA	NA	NA	0.026U	5.41	Dilution x20
SB-71 (0-0.5)	26-Feb-14	0-0.5	**No SW**	NA	0.82 I	**3.2**	27	NA	NA	31	2700	60	NA	NA	NA	NA	NA	
SB-71 (0.5-1)	26-Feb-14	0.5-1	**No SW**	NA	0.66 I	**4.7**	100	NA	NA	20	5400	240	NA	NA	NA	NA	NA	
SB-71 (1-2)	26-Feb-14	1-2	**No SW**	NA	2.2 I	**5.8**	48	NA	NA	45	11000	120	NA	NA	NA	NA	NA	
Baseball Field - December 2013 Samples																		
Curtis (3)(0-0.5)	23-Dec-13	0-0.5	**SW**	3100	**50**	**12**	**170**	1.5	27	**190**	22000	**1600**	0.17	NA	NA	NA	NA	

TABLE 2 - SOIL ANALYTICAL SUMMARY (Metals, PCBs and Dioxins)

GERRY CURTIS PARK

Sample				Parameters														
Sample Location/ Sample ID	Date Collected	Sample Interval (fbls)	Type of Solid Waste (SW) Observed	Aluminum	Antimony	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Mercury	Selenium	Silver	Total PCBs	Dioxins Total 2,3,7,8-TCDD Equivalents[#]	Comment
				(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(ng/Kg)	
Direct Exposure Residential				80000	27	2.1	120**	82	310	150**	53000	400	3	440	410	0.5	7	
Direct Exposure Industrial				*	370	12	130000	1700	470	89000	*	1400	17	11000	8200	2.6	30	
Leachability Based on Groundwater Criteria				***	5.4	***	1600	7.5	38	***	***	***	2.1	5.2	17	17	3000	
Miami-Dade County Background Concentration				2656	NA	1.2	7	0.1	6.8	4.1	2176	26	0.08	<0.45 [a]	<0.025 [a]	NA	NA	
Baseball Field - January 31, 2014 Samples																		
SB-8 (0-0.5)	31-Jan-14	0-0.5	**No SW**	NA	0.60 I	1.1	13	NA	NA	15	NA	35	NA	NA	NA	NA	NA	
SB-8 (0.5-2)	31-Jan-14	0.5-2	**Metal, Glass & Tile**	NA	**580**	**26**	**1000**	NA	NA	**1600**	NA	**2600**	NA	NA	NA	NA	NA	
SB-9 (0-0.5)	31-Jan-14	0-0.5	**No SW**	3200	*9.0*	**8.9**	**200**	2.4	44	**160**	34000	**550**	0.14	NA	NA	NA	NA	Dilution x10
SB-9 (0.5-2)	31-Jan-14	0.5-2	**Metal & Glass**	NA	*9.6*	**8.6**	**200**	NA	NA	120	NA	**1300**	NA	NA	NA	NA	NA	
SB-10 (0-0.5)	31-Jan-14	0-0.5	**No SW**	NA	0.55 U	**4.9**	8.4	NA	NA	1.7 I	NA	3.7	NA	NA	NA	NA	NA	
SB-10 (0.5-2)	31-Jan-14	0.5-2	**No SW**	NA	*6.7*	**16**	**210**	NA	NA	**260**	NA	**490**	NA	NA	NA	NA	NA	
SB-11 (0-0.5)	31-Jan-14	0-0.5	**No SW**	NA	0.60 U	**5.1**	18	NA	NA	16	NA	42	NA	NA	NA	NA	NA	
SB-11 (0.5-2)	31-Jan-14	0.5-2	**Metal & Glass**	NA	*9.5*	**14**	**370**	NA	NA	**1400**	NA	**670**	NA	NA	NA	NA	NA	
SB-12 (0-0.5)	31-Jan-14	0-0.5	**No SW**	3800	*9.0*	**14**	**270**	2.2	37	**1100**	21000	**710**	0.12	NA	NA	NA	NA	
SB-12 (0.5-2)	31-Jan-14	0.5-2	**Metal & Glass**	NA	**35**	**20**	**730**	NA	NA	**490**	NA	**1800**	NA	NA	NA	NA	NA	
SB-13 (0-0.5)	31-Jan-14	0-0.5	**No SW**	NA	1.1 U	**5.9**	5.4	NA	NA	1.1 I	NA	3.1	NA	NA	NA	NA	NA	
SB-13 (0.5-2)	31-Jan-14	0.5-2	**SW**	NA	*15*	**30**	**660**	NA	NA	**2000**	NA	**1400**	NA	NA	NA	NA	NA	
SB-14 (0-0.5)	31-Jan-14	0-0.5	**No SW**	NA	0.60 U	**3.7**	8.2	NA	NA	11	NA	20	NA	NA	NA	NA	NA	
SB-14 (0.5-2)	31-Jan-14	0.5-2	**Metal & Glass**	NA	*18*	**13**	**150**	NA	NA	140	NA	260	NA	NA	NA	NA	NA	
SB-15 (0-0.5)	31-Jan-14	0-0.5	**No SW**	2200	0.78 I	**20**	21	0.51 I	12	28	4300	70	0.042	NA	NA	NA	NA	
SB-15 (0.5-2)	31-Jan-14	0.5-2	**Metal & Glass**	NA	*21*	**43**	**1200**	NA	NA	**830**	NA	**2900**	NA	NA	NA	NA	NA	
SB-16 (0-0.5)	31-Jan-14	0-0.5	**No SW**	NA	0.59 U	**4.7**	8.9	NA	NA	6.4	NA	11	NA	NA	NA	NA	NA	
SB-16 (0.5-2)	31-Jan-14	0.5-2	**Metal & Glass**	NA	4.1	**14**	**160**	NA	NA	120	NA	**500**	NA	NA	NA	NA	NA	
SB-17 (0-0.5)	31-Jan-14	0-0.5	**No SW**	NA	0.59 U	**5.7**	8.5	NA	NA	9.8	NA	19	NA	NA	NA	NA	NA	
SB-17 (0.5-2)	31-Jan-14	0.5-2	**No SW**	NA	*6.2*	**28**	**240**	NA	NA	**290**	NA	**480**	NA	NA	NA	NA	NA	
Area 2 - Baseball Field																		
SB-27 (0-1)	25-Feb-14	0-1	**No SW**	NA	2.2 I	**8.3**	45	NA	NA	61	6700	150	NA	NA	NA	NA	NA	
SB-27 (1-1.5)	25-Feb-14	1-1.5	**No SW**	NA	*9.2*	**13**	28	NA	NA	52	6500	150	NA	NA	NA	NA	NA	
SB-27 (1.5-2)	25-Feb-14	1.5-2	**SW**	NA	**39**	**41**	**1500**	NA	NA	**3800**	**160000**	**3400**	NA	NA	NA	0.023U	NA	
SB-28 (0-0.5)	25-Feb-14	0-0.5	**No SW**	NA	0.76 I	**2.1**	44	NA	NA	22	2900	34	NA	NA	NA	NA	2.23	
SB-28 (0.5-2)	25-Feb-14	0.5-2	**SW**	NA	**16**	**17**	**590**	NA	NA	**870**	24000	**490**	NA	NA	NA	NA	5.50	
SB-29 (0-1)	25-Feb-14	0-1	**No SW**	NA	1.9 I	**7.8**	50	NA	NA	52	7500	140	NA	NA	NA	NA	NA	
SB-29 (1-2)	25-Feb-14	1-2	**No SW**	NA	2.0 I	**11**	36	NA	NA	50	10000	170	NA	NA	NA	NA	NA	
SB-30 (0-1)	25-Feb-14	0-1	**No SW**	NA	0.58 U	**13**	6.6	NA	NA	5.0	10000	12	NA	NA	NA	NA	4.70	
SB-30 (1-2)	25-Feb-14	1-2	**SW**	NA	*8.0*	**120**	120	NA	NA	**240**	15000	300	NA	NA	NA	NA	**8.08**	
SB-31 (0-1)	25-Feb-14	0-1	**No SW**	NA	0.86 I	**21**	26	NA	NA	40	7300	70	NA	NA	NA	NA	NA	
SB-31 (1-2)	25-Feb-14	1-2	**Metal & Glass**	NA	3.2	**16**	84	NA	NA	140	16000	340	NA	NA	NA	NA	NA	
Playground December 2013 Samples																		
Curtis (1)(0-0.5)	23-Dec-13	0-0.5	**SW**	960	1.1 I	**2.8**	39	0.29 I	13	39	5600	72	0.022 I	NA	NA	NA	NA	
Curtis (2)(0-0.5)	23-Dec-13	0-0.5	**SW**	1000	2.9	**5.4**	94	0.56	7.6	62	11000	290	0.012 I	NA	NA	NA	NA	

TABLE 2 - SOIL ANALYTICAL SUMMARY (Metals, PCBs and Dioxins)

GERRY CURTIS PARK

Sample				Parameters														
Sample Location/ Sample ID	Date Collected	Sample Interval (fbls)	Type of Solid Waste (SW) Observed	Aluminum	Antimony	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Mercury	Selenium	Silver	Total PCBs	Dioxins Total 2,3,7,8-TCDD Equivalents[#]	Comment
				(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(ng/Kg)	
Direct Exposure Residential				80000	27	2.1	120**	82	310	150**	53000	400	3	440	410	0.5	7	
Direct Exposure Industrial				*	370	12	130000	1700	470	89000	*	1400	17	11000	8200	2.6	30	
Leachability Based on Groundwater Criteria				***	5.4	***	1600	7.5	38	***	***	***	2.1	5.2	17	17	3000	
Miami-Dade County Background Concentration				2656	NA	1.2	7	0.1	6.8	4.1	2176	26	0.08	<0.45 [a]	<0.025 [a]	NA	NA	
Area 3 - Playground																		
SB-32 (0-0.5)	26-Feb-14	0-0.5	**No SW**	1100	3.0	**5.6**	87	0.48 I	14	55	8600	210	0.29 I	0.43 U	0.38 I	NA	NA	
SB-32 (0.5-1)	26-Feb-14	0.5-1	**Metal & Glass**	960	*64*	**21**	98	0.60	18	**220**	10000	310	0.29 I	0.40 U	0.50 I	NA	NA	
SB-32 (1-2)	26-Feb-14	1-2	**Metal & Glass**	5600	*20*	**39**	**2600**	5.9	*72*	**890**	**98000**	**3500**	0.060	2.1 U	6.0	0.020U	NA	Dilution x5
SB-33 (0-0.5)	26-Feb-14	0-0.5	**No SW**	NA	0.49 U	1.5	12	NA	NA	9.0	1600	30	NA	NA	NA	NA	1.12	
SB-33 (0.5-1)	26-Feb-14	0.5-1	**Metal & Glass**	NA	*6.3*	**9.7**	**380**	NA	NA	**180**	16000	**1500**	NA	NA	NA	NA	NA	
SB-33 (1-2)	26-Feb-14	1-2	**Metal & Glass**	NA	*14*	**20**	**730**	NA	NA	**1000**	50000	**3000**	NA	NA	NA	NA	**20.08**	Dilution x5
SB-34 (0-0.5)	26-Feb-14	0-0.5	**Metal & Glass**	860	1.8 I	**8.1**	48	0.48 I	7.5	48	8300	170	0.059	0.39 U	0.35 I	NA	NA	
SB-34 (0.5-1)	26-Feb-14	0.5-1	**No SW**	2200	5.2	**15**	**180**	1.0	16	140	15000	**620**	0.050	0.41 U	0.93 I	NA	NA	
SB-34 (1-2)	26-Feb-14	1-2	**Metal & Glass**	2100	*13*	**12**	**430**	1.5	18	**210**	24000	**1200**	0.017 I	0.77 U	1.8 I	NA	NA	Dilution x2
SB-35 (0-0.5)	26-Feb-14	0-0.5	**No SW**	NA	1.3 I	**3.2**	110	NA	NA	35	5200	150	NA	NA	NA	NA	NA	
SB-35 (0.5-1.5)	26-Feb-14	0.5-1	**No SW**	NA	0.81 I	**2.5**	34	NA	NA	21	1700	260	NA	NA	NA	NA	NA	
SB-35 (1.5-2)	26-Feb-14	1-2	**Metal & Glass**	NA	*23*	**50**	**1400**	NA	NA	**760**	**61000**	**5900**	NA	NA	NA	NA	NA	Dilution x5
Area 3A - Playground																		
SB-36 (0-0.5)	26-Feb-14	0-0.5	**No SW**	1600	1.3 I	**2.4**	46	0.31 I	7.5	33	3600	92	0.012 U	0.38 U	0.20 U	NA	0.90	
SB-36 (0.5-1)	26-Feb-14	0.5-1	**No SW**	2300	*9.9 I*	**26**	**330**	2.3 I	32	**250**	47000	**1100**	0.20	2.4 U	1.9 I	NA	NA	Dilution x5
SB-36 (1-2)	26-Feb-14	1-2	**SW**	6100	*20*	**32**	**2900**	5.2	*79*	**1200**	**90000**	**2900**	0.20	2.5 U	5.1 I	0.023U	**17.76**	Dilution x5
SB-37 (0-0.5)	26-Feb-14	0-0.5	**No SW**	NA	2.2 I	**8.0**	79	NA	NA	58	5900	160	NA	NA	NA	NA	NA	
SB-37 (0.5-1.5)	26-Feb-14	0.5-1	**No SW**	NA	1.4 I	**16**	94	NA	NA	33	9600	82	NA	NA	NA	NA	NA	
SB-37 (1.5-2)	26-Feb-14	1-2	**Metal & Glass**	NA	*5.3 I*	**14**	**140**	NA	NA	**170**	30000	**560**	NA	NA	NA	NA	NA	Dilution x5
SB-38 (0-0.5)	26-Feb-14	0-0.5	**No SW**	2300	5.2	**10**	**540**	1.6	19	**160**	16000	**450**	0.15	0.69 I	1.1 I	NA	**10.67**	
SB-38 (0.5-1)	26-Feb-14	0.5-1	**SW**	3400	*9.5 I*	**44**	**740**	2.2 I	*41*	**430**	**56000**	**1400**	0.11	2.2 U	2.7 I	NA	**16.21**	Dilution x5
SB-38 (1-2)	26-Feb-14	1-2	**SW**	4600	*18 I*	**43**	**1000**	*10*	*75*	**2300**	**140000**	**2700**	0.035	4.3 U	5.6 I	NA	NA	Dilution x10
SB-39 (0-0.5)	26-Feb-14	0-0.5	**No SW**	NA	1.1 I	1.7	21	NA	NA	35	990	24	NA	NA	NA	NA	NA	
SB-39 (0.5-2)	26-Feb-14	0.5-1	**No SW**	NA	2.7	**6.4**	**160**	NA	NA	72	12000	210	NA	NA	NA	NA	NA	
Courts December 2013 Samples																		
Curtis (6)(0-0.5)	23-Dec-13	0-0.5	**SW**	1900	*8.4*	**16**	**290**	1.5	23	**210**	38000	**640**	0.059	NA	NA	NA	NA	
Curtis (7)(0-0.5)	23-Dec-13	0-0.5	**SW**	2300	*7.5*	**18**	110	1.5	23	150	30000	**570**	0.15	NA	NA	NA	NA	

TABLE 2 - SOIL ANALYTICAL SUMMARY (Metals, PCBs and Dioxins)

GERRY CURTIS PARK

Sample				Parameters														
Sample Location/ Sample ID	Date Collected	Sample Interval (fbls)	Type of Solid Waste (SW) Observed	Aluminum	Antimony	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Mercury	Selenium	Silver	Total PCBs	Dioxins Total 2,3,7,8-TCDD Equivalents[#]	Comment
				(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(ng/Kg)	
Direct Exposure Residential				80000	27	2.1	120**	82	310	150**	53000	400	3	440	410	0.5	7	
Direct Exposure Industrial				*	370	12	130000	1700	470	89000	*	1400	17	11000	8200	2.6	30	
Leachability Based on Groundwater Criteria				***	5.4	***	1600	7.5	38	***	***	***	2.1	5.2	17	17	3000	
Miami-Dade County Background Concentration				2656	NA	1.2	7	0.1	6.8	4.1	2176	26	0.08	<0.45 [a]	<0.025 [a]	NA	NA	
Area 4 - Courts																		
SB-40 (0-0.5)	24-Feb-14	0-0.5	**Metal & Glass**	NA	*15*	**35**	**860**	NA	NA	**580**	**82000**	**2700**	NA	NA	NA	NA	NA	Dilution x5
SB-40 (0.5-1)	24-Feb-14	0.5-1	**No SW**	NA	*7.3*	**17**	**310**	NA	NA	**170**	16000	**580**	NA	NA	NA	NA	NA	
SB-40 (1-2)	24-Feb-14	1-2	**Metal & Glass**	NA	*11*	**20**	**650**	NA	NA	**260**	38000	**1800**	NA	NA	NA	NA	NA	Dilution x5
SB-41 (0-0.5)	24-Feb-14	0-0.5	**No SW**	NA	2.1 I	**6.5**	46	NA	NA	88	8600	140	NA	NA	NA	NA	NA	
SB-41 (0.5-1)	24-Feb-14	0.5-1	**No SW**	NA	0.54 U	0.83	8.5	NA	NA	2.7	770	4.5	NA	NA	NA	NA	NA	
SB-41 (1-2)	24-Feb-14	1-2	**Metal**	NA	0.56 U	0.26 U	2.4	NA	NA	0.56 U	850	1.2	NA	NA	NA	NA	NA	
SB-42 (0-0.5)	24-Feb-14	0-0.5	**No SW**	NA	0.69 I	**4.0**	20	NA	NA	24	2000	47	NA	NA	NA	NA	5.71	
SB-42 (0.5-1)	24-Feb-14	0.5-1	**No SW**	NA	0.62 U	**2.8**	18	NA	NA	18	1500	32	NA	NA	NA	NA	NA	
SB-42 (1-1.5)	24-Feb-14	1-1.5	**No SW**	NA	*13*	**11**	**350**	NA	NA	**310**	30000	**930**	NA	NA	NA	NA	NA	
SB-42 (1.5-2)	24-Feb-14	1.5-2	**SW**	NA	*6.6 I*	**17**	**320**	NA	NA	**3300**	31000	400	NA	NA	NA	NA	**18.90**	
SB-43 (0-0.5)	24-Feb-14	0-0.5	**No SW**	NA	1.0 I	**5.5**	42	NA	NA	39	3300	60	NA	NA	NA	NA	NA	
SB-43 (0.5-1)	24-Feb-14	0.5-1	**No SW**	NA	1.1 I	**2.6**	33	NA	NA	22	2900	82	NA	NA	NA	NA	NA	
SB-43 (1-2)	24-Feb-14	1-2	**Metal & Glass**	NA	*15*	**37**	**580**	NA	NA	**560**	**41000**	**1700**	NA	NA	NA	NA	NA	Dilution x5
SB-44 (0-0.5)	24-Feb-14	0-0.5	**No SW**	NA	1.5 I	**5.3**	36	NA	NA	55	4400	100	NA	NA	NA	NA	1.88	
SB-44 (0.5-1)	24-Feb-14	0.5-1	**No SW**	NA	1.6 I	**3.6**	48	NA	NA	45	4700	130	NA	NA	NA	NA	NA	
SB-44 (1-2)	24-Feb-14	1-2	**Metal & Glass**	NA	**35**	**68**	**1400**	NA	NA	**1400**	**140000**	**3100**	NA	NA	NA	NA	**22.06**	Dilution x10
SB-45 (0-0.5)	24-Feb-14	0-0.5	**No SW**	NA	*12*	**10**	90	NA	NA	91	8500	1100	NA	NA	NA	NA	NA	
SB-45 (0.5-1)	24-Feb-14	0.5-1	**No SW**	NA	3.2	**9.2**	86	NA	NA	81	9000	380	NA	NA	NA	NA	NA	
SB-45 (1-2)	24-Feb-14	1-2	**SW**	NA	*23*	**54**	**1800**	NA	NA	**890**	**99000**	**5900**	NA	NA	NA	0.021U	NA	Dilution x5
ROW - Samples #3 (NW 20th Street)																		
SB-80 (0-0.5)	26-Feb-14	0-0.5	**No SW**	NA	**29**	**35**	**480**	NA	NA	**440**	**69000**	**3000**	NA	NA	NA	0.021U	4.71	Dilution x5
SB-80 (0.5-1)	26-Feb-14	0.5-1	**Metal & Glass**	NA	**170**	**33**	**500**	NA	NA	**760**	**71000**	**1300**	NA	NA	NA	NA	1.97	Dilution x5
SB-80 (1-2)	26-Feb-14	1-2	**Metal & Glass**	NA	5.2	**11**	**200**	NA	NA	120	17000	340	NA	NA	NA	NA	NA	
SB-81 (0-0.5)	26-Feb-14	0-0.5	**No SW**	NA	3.3	**5.7**	110	NA	NA	110	11000	**420**	NA	NA	NA	NA	NA	
SB-81 (0.5-1)	26-Feb-14	0.5-1	**Metal & Glass**	NA	**53**	**13**	**340**	NA	NA	**270**	25000	**2200**	NA	NA	NA	NA	NA	
SB-81 (1-2)	26-Feb-14	1-2	**Metal & Glass**	NA	**11**	**21**	**500**	NA	NA	**310**	29000	**860**	NA	NA	NA	NA	NA	
Western Bleachers December 2013 Samples																		
Curtis (5)(0-0.5)	23-Dec-13	0-0.5	**SW**	1800	3.4	**9.5**	**130**	0.89	14	110	10000	280	0.043	NA	NA	NA	NA	
Area 5 - Western Bleachers																		
SB-46 (0-0.5)	25-Feb-14	0-0.5	**Metal & Glass**	NA	**33**	**27**	**620**	NA	NA	**510**	45000	**1200**	NA	NA	NA	NA	NA	Dilution x5
SB-46(0.5-2)	25-Feb-14	0.5-2	**Metal & Glass**	NA	*21*	**31**	**820**	NA	NA	**980**	**100000**	**2300**	NA	NA	NA	NA	NA	Dilution x5
SB-49 (0-0.5)	25-Feb-14	0-0.5	**Metal & Glass**	2800	*5.9*	**12**	**220**	1.3	24	140	17000	**430**	0.037	0.44 U	0.89 I	NA	NA	
SB-49 (0.5-2)	25-Feb-14	0.5-2	**Metal & Glass**	NA	*14*	**19**	**710**	NA	NA	**270**	**61000**	**1500**	NA	NA	NA	NA	NA	Dilution x5

TABLE 2 - SOIL ANALYTICAL SUMMARY (Metals, PCBs and Dioxins)

GERRY CURTIS PARK

Sample				Parameters														
Sample Location/ Sample ID	Date Collected	Sample Interval (fbls)	Type of Solid Waste (SW) Observed	Aluminum	Antimony	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Mercury	Selenium	Silver	Total PCBs	Dioxins Total 2,3,7,8-TCDD Equivalents[#]	Comment
				(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(ng/Kg)	
Direct Exposure Residential				80000	27	2.1	120**	82	310	150**	53000	400	3	440	410	0.5	7	
Direct Exposure Industrial				*	370	12	130000	1700	470	89000	*	1400	17	11000	8200	2.6	30	
Leachability Based on Groundwater Criteria				***	5.4	***	1600	7.5	38	***	***	***	2.1	5.2	17	17	3000	
Miami-Dade County Background Concentration				2656	NA	1.2	7	0.1	6.8	4.1	2176	26	0.08	<0.45 [a]	<0.025 [a]	NA	NA	
Area 5A - Western Bleachers																		
SB-47 (0-1)	26-Feb-14	0-1	**Metal & Glass**	1700	0.87 I	**7.1**	41	0.64	15	32	3800	92	0.17	0.62 I	0.55 I	NA	NA	
SB-47 (1-2)	26-Feb-14	1-2	**Metal & Glass**	NA	*17*	**34**	**650**	NA	NA	**420**	**110000**	**2300**	NA	NA	NA	0.018U	NA	Dilution x5
SB-48 (0-0.5)	26-Feb-14	0-0.5	**No SW**	NA	0.64 U	**3.4**	**21**	NA	NA	19	3300	24	NA	NA	NA	NA	NA	
SB-48 (0.5-1.5)	26-Feb-14	0.5-1.5	**No SW**	NA	0.52 U	1.7	9.4	NA	NA	7.8	1100	12	NA	NA	NA	NA	NA	
SB-48 (1.5-2)	26-Feb-14	1.5-2	**Metal & Glass**	NA	*6.2*	**40**	**140**	NA	NA	140	28000	**250**	NA	NA	NA	NA	NA	Dilution x2
Area 6 - Football Field																		
SB-50 (0-0.5)	24-Feb-14	0-0.5	**No SW**	2500	1.2 I	**10**	38	0.42 I	15	35	5700	170	0.059	0.44 U	0.48 I	NA	NA	
SB-50 (0.5-1.5)	24-Feb-14	0.5-1.5	**No SW**	NA	0.55 U	1.4	7.0	NA	NA	3.5	2100	7.9	NA	NA	NA	NA	NA	
SB-50 (1.5-2)	24-Feb-14	1.5-2	**Metal & Glass**	NA	*13*	**27**	**470**	NA	NA	**280**	**110000**	**1100**	NA	NA	NA	0.020U	NA	
SB-51 (0-1)	24-Feb-14	0-1	**No SW**	NA	2.9	**33**	110	NA	NA	81	7800	310	NA	NA	NA	NA	NA	
SB-51 (1-2)	24-Feb-14	1-2	**Metal & Glass**	NA	*9.2*	**20**	**530**	NA	NA	**400**	41000	**780**	NA	NA	NA	NA	NA	
SB-52 (0-2)	24-Feb-14	0-2	**No SW**	2000	1.4 I	**15**	46	0.25 I	7.8	39	9600	95	0.030 I	0.44 U	0.23 U	NA	NA	
SB-53 (0-0.5)	24-Feb-14	0-0.5	**Glass**	NA	*5.9 I*	**17**	84	NA	NA	95	40000	370	NA	NA	NA	NA	NA	
SB-53 (0.5-2)	24-Feb-14	0.5-2	**Glass**	NA	1.8 I	**11**	66	NA	NA	42	5000	110	NA	NA	NA	NA	NA	
SB-54 (0-0.5)	24-Feb-14	0-0.5	**No SW**	NA	2.0 I	**8.6**	63	NA	NA	69	7000	120	NA	NA	NA	NA	NA	
SB-54 (0.5-1)	24-Feb-14	0.5-1	**No SW**	NA	*6.2*	**14**	**140**	NA	NA	**220**	33000	320	NA	NA	NA	NA	NA	
SB-54 (1-2)	24-Feb-14	1-2	**Metal & Glass**	NA	4.4	**8.1**	**130**	NA	NA	90	12000	290	NA	NA	NA	NA	NA	
SB-55 (0-0.5)	24-Feb-14	0-0.5	**No SW**	NA	0.69 U	**4.5**	27	NA	NA	15	3100	40	NA	NA	NA	NA	NA	
SB-55 (0.5-1.5)	24-Feb-14	0.5-1.5	**No SW**	NA	1.6 I	**4.2**	34	NA	NA	58	6900	55	NA	NA	NA	NA	NA	
SB-55 (1.5-2)	24-Feb-14	1.5-2	**Metal & Glass**	NA	1.8 I	**3.3**	47	NA	NA	41	6400	100	NA	NA	NA	NA	NA	
SB-56 (0-2)	24-Feb-14	0-2	**Metal & Glass**	1300	3.2	**28**	78	0.38 I	9.1	71	7800	170	0.040	0.42 U	0.43 I	NA	NA	
SB-57 (0-2)	24-Feb-14	0-2	**No SW**	1200	0.57 U	**11**	23	0.72	12	21	2700	38	0.28	0.42 U	1.6	NA	NA	
ROW - Samples #2 (NW 23rd Ave, North)																		
SB-72 (0-0.5)	26-Feb-14	0-0.5	**Glass**	NA	*10*	**23**	**420**	NA	NA	**350**	29000	**840**	NA	NA	NA	NA	**13.12**	
SB-72 (0.5-1)	26-Feb-14	0.5-1	**Glass**	NA	**130**	**21**	**420**	NA	NA	**380**	25000	**2700**	NA	NA	NA	0.019U	**12.95**	
SB-72 (1-2)	26-Feb-14	1-2	**Glass**	NA	*7.5*	**9.9**	**220**	NA	NA	150	11000	**2700**	NA	NA	NA	NA	NA	
SB-73 (0-0.5)	26-Feb-14	0-0.5	**Metal & Glass**	NA	*6.6*	**12**	**160**	NA	NA	**540**	19000	280	NA	NA	NA	NA	NA	
SB-73 (0.5-1)	26-Feb-14	0.5-1	**Metal & Glass**	NA	*7.9 I*	**12**	**340**	NA	NA	**160**	36000	360	NA	NA	NA	NA	NA	Dilution X5
SB-73 (1-2)	26-Feb-14	1-2	**Metal**	NA	*5.9*	**13**	120	NA	NA	130	21000	260	NA	NA	NA	NA	NA	
SB-74 (0-0.5)	26-Feb-14	0-0.5	**No SW**	NA	2.4	**20**	50	NA	NA	130	15000	250	NA	NA	NA	NA	NA	
SB-74 (0.5-1)	26-Feb-14	0-0.5	**No SW**	NA	2.1 I	**22**	33	NA	NA	51	6300	90	NA	NA	NA	NA	NA	
SB-74 (1-2)	26-Feb-14	1-2	**Glass**	NA	1.7 I	**24**	30	NA	NA	43	4900	78	NA	NA	NA	NA	NA	
SB-75 (0-0.5)	26-Feb-14	0-0.5	**No SW**	NA	1.5 I	**12**	40	NA	NA	73	6000	110	NA	NA	NA	NA	NA	
SB-75 (0.5-1)	26-Feb-14	0.5-1	**Glass**	NA	0.73 I	**7.4**	24	NA	NA	38	4800	57	NA	NA	NA	NA	NA	
SB-75 (1-2)	26-Feb-14	1-2	**Glass**	NA	1.4 I	**14**	23	NA	NA	49	8400	92	NA	NA	NA	NA	NA	
SB-76 (0-0.5)	26-Feb-14	0-0.5	**No SW**	NA	2.9	**5.9**	51	NA	NA	55	4300	100	NA	NA	NA	NA	NA	
SB-76 (0.5-1)	26-Feb-14	0.5-1	**No SW**	NA	*13*	**6.9**	47	NA	NA	88	12000	**560**	NA	NA	NA	NA	NA	
SB-76 (1-2)	26-Feb-14	1-2	**Glass**	NA	4.1	**5.5**	120	NA	NA	**240**	11000	200	NA	NA	NA	NA	NA	

TABLE 2 - SOIL ANALYTICAL SUMMARY (Metals, PCBs and Dioxins)

GERRY CURTIS PARK

Sample				Parameters														
Sample Location/ Sample ID	Date Collected	Sample Interval (fbls)	Type of Solid Waste (SW) Observed	Aluminum	Antimony	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Mercury	Selenium	Silver	Total PCBs	Dioxins Total 2,3,7,8-TCDD Equivalents[#]	Comment
				(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(ng/Kg)	
Direct Exposure Residential				80000	27	2.1	120**	82	310	150**	53000	400	3	440	410	0.5	7	
Direct Exposure Industrial				*	370	12	130000	1700	470	89000	*	1400	17	11000	8200	2.6	30	
Leachability Based on Groundwater Criteria				***	5.4	***	1600	7.5	38	***	***	***	2.1	5.2	17	17	3000	
Miami-Dade County Background Concentration				2656	NA	1.2	7	0.1	6.8	4.1	2176	26	0.08	<0.45 [a]	<0.025 [a]	NA	NA	
ROW - Samples #3 (NW 20th Street)																		
SB-77 (0-0.5)	26-Feb-14	0-0.5	**No SW**	NA	*5.6*	**26**	80	NA	NA	75	8200	190	NA	NA	NA	NA	NA	
SB-77 (0.5-1)	26-Feb-14	0.5-1	**No SW**	NA	1.3 I	**12**	20	NA	NA	25	4600	56	NA	NA	NA	NA	NA	
SB-77 (1-2)	26-Feb-14	1-2	**No SW**	NA	4.4	**10**	94	NA	NA	71	6800	170	NA	NA	NA	NA	NA	
SB-78 (0-0.5)	26-Feb-14	0-0.5	**Metal & Glass**	NA	3.4	**6.8**	69	NA	NA	78	8300	170	NA	NA	NA	NA	NA	
SB-78 (0.5-1)	26-Feb-14	0.5-1	**Metal & Glass**	NA	*6.2*	**12**	**130**	NA	NA	80	11000	220	NA	NA	NA	NA	NA	
SB-78 (1-2)	26-Feb-14	1-2	**Metal & Glass**	NA	4.7	**12**	82	NA	NA	100	6300	180	NA	NA	NA	NA	NA	
SB-79 (0-0.5)	26-Feb-14	0-0.5	**Metal & Glass**	NA	*9.2*	**29**	**350**	NA	NA	**260**	37000	**780**	NA	NA	NA	NA	NA	Dilution x3
SB-79 (0.5-1)	26-Feb-14	0.5-1	**Metal & Glass**	NA	*13*	**24**	**390**	NA	NA	**370**	39000	**1200**	NA	NA	NA	0.020U	NA	Dilution x3
SB-79 (1-1.5)	26-Feb-14	1-1.5	**Metal & Glass**	NA	*7.1*	**13**	**250**	NA	NA	**300**	20000	**530**	NA	NA	NA	NA	NA	
Area 7 - Pool																		
SB-58 (0-0.5)	24-Feb-14	0-0.5	**No SW**	3500	*10*	**130**	**300**	3.2	32	**770**	31000	**970**	0.24	0.86 U	3.2	NA	NA	Dilution x2
SB-58 (0.5-2)	24-Feb-14	0.5-2	**Metal & Glass**	NA	**46**	**420**	**810**	NA	NA	**750**	**100000**	**2200**	NA	NA	NA	NA	NA	Dilution x5
SB-59 (0-0.5)	24-Feb-14	0-0.5	**No SW**	NA	4.7	**8.3**	**25**	NA	NA	**50**	6000	350	NA	NA	NA	NA	NA	
SB-59 (0.5-2)	24-Feb-14	0.5-2	**No SW**	NA	0.62 U	**5.6**	16	NA	NA	30	3100	70	NA	NA	NA	NA	NA	
SB-60 (0-0.5)	24-Feb-14	0-0.5	**No SW**	1400	*5.8*	**6.2**	110	1.0	14	120	9900	**430**	0.18	0.44 U	0.65 I	NA	NA	
SB-60 (0.5-2)	24-Feb-14	0.5-2	**Metal & Glass**	NA	**110**	**50**	**180**	NA	NA	150	19000	**2300**	NA	NA	NA	0.019U	NA	
SB-61 (0-2)	24-Feb-14	0-2	**No SW**	NA	0.54 U	1.5	13	NA	NA	15	1600	32	NA	NA	NA	NA	NA	
SB-62 (0-2)	24-Feb-14	0-2	**No SW**	1400	0.51 U	1.2	7.9	0.16 I	6.4	11	1200	31	0.063	0.38 U	0.19 U	NA	NA	
SB-63 (0-2)	24-Feb-14	0-2	**No SW**	NA	0.56 U	1.3	6.3	NA	NA	8.0	1600	15	NA	NA	NA	NA	NA	
SB-64 (0-2)	24-Feb-14	0-2	**No SW**	NA	1.2 I	**3.3**	26	NA	NA	18	2700	60	NA	NA	NA	NA	NA	
Area 8 - Eastern Parking Lot																		
SB-65 (0-0.5)	25-Feb-14	0-0.5	**No SW**	NA	0.58 U	**2.5**	13	NA	NA	26	2000	40	NA	NA	NA	NA	NA	
SB-65 (0.5-1)	25-Feb-14	0.5-1	**Metal**	NA	0.67 I	**3.2**	19	NA	NA	36	12000	38	NA	NA	NA	NA	NA	
SB-65 (1-2)	25-Feb-14	1-2	**No SW**	NA	0.60 U	1.1	8.0	NA	NA	7.2	2400	11	NA	NA	NA	NA	NA	
SB-66 (0-2)	25-Feb-14	0-2	**No SW**	1300	0.52 U	1.4	7.3	0.18 I	5.3	8.0	1500	62	0.042	0.38 U	0.20 U	NA	NA	
SB-67 (0-2)	25-Feb-14	0-2	**Metal**	1400	0.55 U	**2.9**	17	0.23 I	6.3	8.1	4000	20	0.044	0.40 U	0.42 U	NA	NA	
SB-68 (0-2)	25-Feb-14	0-2	**No SW**	NA	0.55 U	0.69	6.8	NA	NA	2.7	690	5.8	NA	NA	NA	NA	NA	

Notes -

mg/kg - milligrams per kilogram

ng/kg - nanograms per kilogram

U - Not detected at the laboratory method detection limit (MDL)

I - Estimated value, the reported value is between the MDL and the practical quantitaion limit (PQL)

Bold - Indicates an exceedance of the residential direct exposure soil cleanup target level (SCTL)

SCTLs = Soil Cleanup Target Levels specified in Table II of Chapter 24, Miami-Dade County Code

Italics - Indicates an exceedance of the leachability based on the groundwater criteria

NA = Not Analyzed or Not Available

fbls = Feet below land surface

SW = Observation of ash, metal and glass.

H = samples on Hold with laboratory

= 2,3,7,8-TCDD equivalents calculated by the laboratory using the 2005 World Health Organization toxicity equivalency factors
Tabulated laboratory data has been rounded as specified in FDEP Memorandum "Rounding Analytical Data for Site Rehabilitation Completion" dated November 17, 2011

* = Contaminant is not a health concern for this exposure scenario

** = Direct exposure value based on acute toxicity considerations. This criterion is applicable in scenarios where children might be exposed to soils (e.g. residences, schools, playgrounds)

*** = Leachability value may be determined using Synthetic Precipitate Leachate Procedure (SPLP) or TCLP, in the event of an oil waste.

[a] = Data for selenium and silver were not analyzed statistically, Soil Reuse Guidance for Miami-Dade County, SWP Guidance No.1 March 22, 2004

TABLE 3: SOIL ANALYTICAL SUMMARY (PAHs)

GERRY CURTIS PARK

Sample				Parameters								Comment
Sample Location/ Sample ID	Date Collected	Sample Interval (fbls)	Type of Solid Waste (SW) Observed	Benzo (a) pyrene	Benzo (a) anthracene	Benzo (b) fluoranthene	Benzo (k) fluoranthene	Chrysene	Dibenz (a,h) anthra-cene	Indeno (1,2,3-cd) pyrene	Benzo (a) pyrene equivalent	
				(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	
Direct Exposure Residential				0.1	#	#	#	#	#	#	0.1	
Direct Exposure Industrial				0.7	#	#	#	#	#	#	0.7	
Leachability Based on Groundwater Criteria				8	0.8	2.4	24	77	0.7	6.6	**	
Area 1 - Baseball Field Perimeter												
SB-8 (0.5-2)	31-Jan-14	0.5-2	**Metal & Glass**	0.016	0.014	0.036	0.012	0.020	0.0025 U	0.010	0.0	
SB-9 (0-0.5)	31-Jan-14	0-0.5	**No SW**	0.060	0.054	0.11	0.036	0.063	0.0075 I	0.027	0.1	
SB-9 (0.5-2)	31-Jan-14	0.5-2	**Metal & Glass**	0.0079	0.0066 I	0.016	0.0043 I	0.0079	0.0023 U	0.0046 I	0.0	
SB-11 (0.5-2)	31-Jan-14	0.5-2	**Metal & Glass**	0.011	0.0061 I	0.023	0.0068 I	0.011	0.0024 U	0.0075 I	0.0	
SB-12 (0-0.5)	31-Jan-14	0-0.5	**No SW**	0.031	0.022	0.069	0.019	0.034	0.0030 U	0.0030 U	0.0	
SB-12 (0.5-2)	31-Jan-14	0.5-2	**Metal & Glass**	0.0029 I	0.0025 I	0.010	0.0023 U	0.0084	0.0023 U	0.0023 U	0.0	
SB-13 (0.5-2)	31-Jan-14	0.5-2	**SW**	0.0038 I	0.0028 I	0.010	0.0024 I	0.0058 I	0.0023 U	0.0037 I	0.0	
SB-15 (0-0.5)	31-Jan-14	0-0.5	**No SW**	0.0023 U	0.0051 I	0.016	0.0051 I	0.0083	0.0023 U	0.0023 U	0.0	
SB-15 (0.5-2)	31-Jan-14	0.5-2	**Metal & Glass**	0.0024 U	0.0024 I	0.012	0.0026 I	0.0071 I	0.0024 U	0.0024 U	0.0	
SB-16 (0.5-2)	31-Jan-14	0.5-2	**Metal & Glass**	0.0083	0.0051 I	0.017	0.0059 I	0.0079	0.0022 U	0.0054 I	0.0	

Notes -

mg/kg - milligrams per kilogram

U - Not detected at the laboratory method detection limit (MDL)

I - Estimated value, the reported value is between the MDL and the practical quantitaion limit (PQL)

Bold - Indicates an exceedance of the residential direct exposure soil cleanup target level (SCTL)

SCTLs = Soil Cleanup Target Levels specified in Table II of Chapter 24, Miami-Dade County Code

Italics - Indicates an exceedance of the leachability based on the groundwater criteria

NA = Not Analyzed or Not Available

fbls = Feet below land surface

SW = Observation of ash, metal and glass.

H = samples on Hold with laboratory

TABLE 3 (Continued): SOIL ANALYTICAL SUMMARY (PAHs)

GERRY CURTIS PARK

Sample				Parameters											Comment
Sample Location/ Sample ID	Date Collected	Sample Interval (fbls)	Type of Solid Waste (SW) Observed	Naphthalene	1-Methyl naphthalene	2-Methyl-naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(g,h,i)-perylene	Fluoranthene	Fluorene	Phenanthrene	Pyrene	
				(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	
Direct Exposure Residential				55	200	210	2,400	1,800	21,000	2,500	3,200	2,600	2,200	2,400	
Direct Exposure Industrial				*	370	12	130000	1700	470	89000	*	1400	17	11000	
Leachability Based on Groundwater Criteria				1.2	3.1	8.5	2.1	27	2,500	32,000	1,200	160	250	880	
Area 1 - Baseball Field Perimeter															
SB-8 (0.5-2)	31-Jan-14	0.5-2	**Metal & Glass**	0.0060 I	0.0016 U	0.0016 U	0.0025 U	0.0042 I	0.0057 I	0.011	0.033	0.0021 I	0.018	0.022	
SB-9 (0-0.5)	31-Jan-14	0-0.5	**No SW**	0.0031 I	0.0017 U	0.0017 U	0.0037 I	0.0027 U	0.013	0.022	0.13	0.0046 I	0.055	0.077	
SB-9 (0.5-2)	31-Jan-14	0.5-2	**Metal & Glass**	0.0015 U	0.0015 U	0.0015 U	0.0023 U	0.0023 U	0.0023 U	0.0031 I	0.011	0.0015 U	0.0053 I	0.0073 I	
SB-11 (0.5-2)	31-Jan-14	0.5-2	**Metal & Glass**	0.0016 U	0.0016 U	0.0016 U	0.0024 U	0.0024 U	0.0024 U	0.0069 I	0.016	0.0016 U	0.0057 I	0.010	
SB-12 (0-0.5)	31-Jan-14	0-0.5	**No SW**	0.0042 I	0.0019 U	0.0019 U	0.0030 U	0.0030 U	0.0055 I	0.017	0.054	0.0019 U	0.014	0.036	
SB-12 (0.5-2)	31-Jan-14	0.5-2	**Metal & Glass**	0.0066 I	0.0015 U	0.0015 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0065 I	0.0015 U	0.0092	0.0034 I	
SB-13 (0.5-2)	31-Jan-14	0.5-2	**SW**	0.0015 U	0.0015 U	0.0015 U	0.0023 U	0.0023 U	0.0023 U	0.0029 I	0.0069 I	0.0015 U	0.0066 I	0.0037 I	
SB-15 (0-0.5)	31-Jan-14	0-0.5	**No SW**	0.0015 U	0.0015 U	0.0015 U	0.0023 U	0.0023 U	0.0023 U	0.0076 I	0.010	0.0015 U	0.0053 I	0.0090	
SB-15 (0.5-2)	31-Jan-14	0.5-2	**Metal & Glass**	0.0057 I	0.0016 U	0.0016 U	0.0024 U	0.0024 U	0.0024 U	0.0029 I	0.0075 I	0.0016 U	0.0079 I	0.0036 I	
SB-16 (0.5-2)	31-Jan-14	0.5-2	**Metal & Glass**	0.0014 U	0.0014 U	0.0014 U	0.0022 U	0.0022 U	0.0022 U	0.0053 I	0.012	0.0014 U	0.0040 I	0.0081	

Notes -

mg/kg - milligrams per kilogram

U - Not detected at the laboratory method detection limit (MDL)

I - Estimated value, the reported value is between the MDL and the practical quantitaion limit (PQL)

Bold - Indicates an exceedance of the residential direct exposure soil cleanup target level (SCTL)

SCTLs = Soil Cleanup Target Levels specified in Table II of Chapter 24, Miami-Dade County Code

Italics - Indicates an exceedance of the leachability based on the groundwater criteria

NA = Not Analyzed or Not Available

fbls = Feet below land surface

SW = Observation of ash, metal and glass.

H = samples on Hold with laboratory

TABLE 4: GROUNDWATER ANALYTICAL SUMMARY (Metals, PCBs and Dioxins)

GERRY CURTIS PARK

Sample															
Sample Location/ Sample ID	**Date Collected**	**Aluminum**	**Antimony**	**Arsenic**	**Barium**	**Cadmium**	**Chromium**	**Copper**	**Iron**	**Lead**	**Mercury**	**Selenium**	**Silver**	**Total PCB**	**Dioxins Total 2,3,7,8-TCDD Equivalents**
		(µg/L)	**(µg/L)**	**(µg/L)**	**(µg/L)**	**(µg/L)**	**(µg/L)**	**(µg/L)**	**(µg/L)**	**(µg/L)**	**(µg/L)**	**(µg/L)**	**(µg/L)**	**(µg/L)**	**(pg/L)**
Groundwater Cleanup Target Levels		200	6	10	2000	5	100	1000	300	15	2	50	100	0.5	30
Natural Attenuation Default Concentrations		2000	60	100	20000	50	1,000	10000	3000	150	20	500	1000	NA	NA
TMW-1	27-Feb-14	160 I	5.4 I	4.0 U	160	1.0 U	2.2 I	2.9 U	**680**	3.1 I	0.072 U	5.0 U	1.0 U	0.68 U	0.37
TMW-2	27-Feb-14	200	**30**	7.2 I	100	1.0 U	2.0 U	2.9 U	280	3.5 I	0.072 U	5.0 U	1.0 U	0.68 U	0.18
TMW-3	27-Feb-14	**300**	4.0 U	4.0 U	120	1.0 U	2.0 U	2.9 U	**980**	4.5 I	0.072 U	5.0 U	1.0 U	0.68 U	0.63
TMW-4	27-Feb-14	50 U	4.0 U	4.0 U	33	1.0 U	2.0 U	2.9 U	**3300**	2.0 U	0.072 U	5.0 U	1.0 U	0.68 U	0.28

Notes -

µg/L - micrograms per liter

pg/L - picograms per liter

GCTLs = Groundwater Cleanup Target Levels specified in Table I of Chapter 62-777, F.A.C.

NADCs = Natural Attenuation Default Source Concentrations specified in Table V of Chapter 62-777, F.A.C.

** = As provided in Chapter 62-550, F.A.C.

U - Not detected at the laboratory method detection limit (MDL)

I - Estimated value, the reported value is between the MDL and the practical quantitaion limit (PQL)

Bold - Indicates an exceedance of the applicable GCTL

P - Pending

NA = Not Available

APPENDIX A

REGULATORY CORRESPONDENCE

MIAMI-DADE COUNTY
Carlos A. Gimenez, Mayor

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

miamidade.gov

January 6, 2014

CERTIFIED MAIL NO: 7011 0470 0002 4386 4667
RETURN RECEIPT REQUESTED

Alice Bravo, P.E.
Assistant City Manager - Chief of Infrastructure
City of Miami
444 SW 2nd Avenue
Miami, FL 33130

Re: City of Miami (the City) Curtis Park (HWR-777) located at, near or in the vicinity of 1901 NW 24 Ave, Miami, FL.

Dear Ms. Bravo:

On December 27, 2013 and January 3, 2013, the City provided to the Department of Regulatory and Economic Resources - Division of Environmental Resources Management (DERM) results of site screening activities conducted at the referenced Park. The information provided indicates that inspections conducted on December 17, 2013 and December 20, 2013 revealed the presence of solid waste, the physical characteristics of which were similar to the material documented at Blanche Park, Merrie Christmas Park and Douglas Park. Additionally, the laboratory results for soil samples obtained on December 23, 2013 indicates the presence of antimony, arsenic, barium, copper, iron, and lead above screening criteria.

Be advised that the above-mentioned soil concentrations constitute violations of the Miami- Dade County Code, specifically, Sections 24-44, 24-27, 24-28, and 24-29. Therefore, DERM requires the City to:

1. Implement measures to eliminate contact with the surficial solid waste. The City may choose to close the park or, alternatively, submit an engineering control plan that will restrict public access in the areas with surficial solid waste, while allowing for continued utilization of those areas where surficial solid waste has not been documented or where an interim engineering control already exists (e.g., the soccer field-artificial turf and the athletic track -rubberized running surface).

   If the City chooses to allow partial use of the park, the required engineering control plan shall be submitted to DERM for review and approval within five (5) days of receipt of this correspondence.

2. Within thirty (30) days of receipt of this correspondence, submit to the DERM for review and approval:

   a) A solid waste delineation report. The report shall provide delineation (accomplished through trenching or the installation of soil borings) of the horizontal and vertical extent of the solid waste. At each trenching or soil boring location, the thickness of solid waste (including depth at which solid waste is first encountered and depth at which solid waste terminates), the type(s) of solid waste encountered and the percentage of solid waste present shall be recorded and summarized in tabular format.

   b) Based on the solid waste delineation, submit a sampling plan that accomplishes delineation of the soil contamination (degree and extent). The plan shall be developed utilizing a random sampling grid pattern consisting of appropriately sized grids (e.g., 100 feet by 100 feet). Within each selected sampling grid, a 12 point composite sample shall be collected from the 0-6" and

6"-24" intervals and the sample analyzed for As, Ba, Pb, Al, Cu, Sb, Fe, Hg, dioxins and PCBs. DERM recommends that the dioxin and PCB samples be held pending the results of the metals analyses. Once the results of the metals analyses are obtained, a proposal for analyzing a subset of the pending samples for dioxins and PCBs shall be submitted to DERM for review and approval.

Depending on the thickness of solid waste encountered, the sampling plan shall include a representative number of monitoring wells to allow for groundwater assessment. At a minimum, any irrigation wells present at the site shall be sampled for the parameters listed above, including dioxins and PCBs.

The consultant collecting the samples shall perform field sampling work in accordance with the Standard Operating Procedures provided in Chapter 62-160, Florida Administrative Code (FAC). The laboratory analyzing the samples shall perform laboratory analyses pursuant to the National Environmental Laboratory Accreditation Program (NELAP) certification requirements.

DERM reserves the right to split samples with the consultant as deemed necessary; therefore, DERM shall be notified via email a minimum of three (3) working days prior to the implementation of any sampling or field activities. Email notifications shall be directed to DERMPCD@miamidade.gov. Please include the DERM file number on all correspondence.

If you have any questions concerning the above, please contact Lorna Bucknor (BucknL@miamidade.gov), Kevin Slapp, P.G. (SlappK@miamidade.gov) or me (MayorW@miamidade.gov) at (305) 372-6700.

Sincerely,

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

ec: Jeovanny Rodriquez, City of Miami - jeovannyrodriguez@miamigov.com
Samir Elmir, Department of Health - Samir.Elmir@flhealth.gov
Lee Hefty, Director, DERM

MIAMI-DADE COUNTY
Carlos A. Gimenez, Mayor

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

miamidade.gov

January 30, 2014

CERTIFIED MAIL NO: 7011 0470 0002 4386 3813
RETURN RECEIPT REQUESTED

Alice Bravo, P.E.
Assistant City Manager - Chief of Infrastructure
City of Miami
444 SW 2nd Avenue
Miami, FL 33130

Re: Temporary Engineering Control Plan for the City of Miami (the City) Curtis Park (HWR-777) located at, near or in the vicinity of 1901 NW 24 Ave, Miami, Florida.

Dear Ms. Bravo:

The Department of Regulatory and Economic Resources' Division of Environmental Resources Management (DERM) has reviewed the temporary Engineering Control Plan received via email on January 27, 2014 and offers the following:

1. Conduct source removal with confirmation sampling in the area represented by soil boring Curtiss 4 (0-0.5 ft) obtained on December 23, 2013. Alternately, the area represented by soil boring Curtiss 4 (0-0.5 ft) shall be fenced off to restrict access.

2. For areas with documented surfical solid waste, DERM has no objection to the use of an interim cover to eliminate exposure to the solid waste; however, the proposed cover shall consist of a geotextile fabric overlaid by a minimum of 6 inches of the proposed cover material (e.g. clay, #57 wash rock, mulch, etc.) Furthermore, DERM requires the scraping and removal of a minimum of six inches of the solid waste prior to the installation of the cover.

   Areas where coverage is proposed specifically to cover barren soil, with no exposed surficial waste, may be treated as proposed.

3. Daily inspections shall be conducted to ensure that the integrity and thickness of the interim cover is maintained. If at any time the interim cover is found to be compromised the City shall immediately takes steps to restore the cover.

Based on the above, within three (3) days of receipt of this correspondence, documentation that the option selected pursuant to Item # 1 above has been implemented shall be submitted to DERM. Additionally, within seven (7) days of receipt of this correspondence implement the interim engineering control measures proposed, with the modification required above, for all other areas of the Park.

A monthly report chronicling the daily inspections required in Item #3 above shall be submitted to DERM by the 10th day of the preceding month.

Please be reminded that the solid waste delineation report along with the sampling plan required in DERM January 6th letter is due on or before February 6, 2014.

If you have any questions concerning the above please contact Lorna Bucknor (bucknl@miamidade.gov) or myself (mayorw@miamidade.gov) or via telephone at (305) 372-6700.

Sincerely,

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

ec: Jeovanny Rodriquez, City of Miami - jeovannyrodriguez@mi amigov.com
Samir Elmir, Department of Health - Samir.Elmir@flhealth.gov
Lee Hefty, Director, DERM

APPENDIX B

SCS SAMPLING PLAN AND DERM APPROVAL LETTER

MIAMI-DADE COUNTY
Carlos A. Gimenez, Mayor

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

February 19, 2014

CERTIFIED MAIL NO: 7011 0470 0002 4387 8107
RETURN RECEIPT REQUESTED

Alice Bravo, P.E.
Assistant City Manager - Chief of Infrastructure
City of Miami
444 SW 2nd Avenue
Miami, FL 33130

Re: Sampling Plan dated February, 2014 submitted by SCS ES Consultants on behalf of the City of Miami (the City) Curtis Park (HWR-777) located at, near or in the vicinity of 1901 NW 24 Avenue, City of Miami, Florida.

Dear Ms. Bravo:

The Division of Environmental Resources Management (DERM) of the Department of Regulatory and Economic Resources has reviewed the revised sampling plan received via email on February 13, 2014 and hereby approves it with the following modifications:

1. The eastern and northeastern boundaries of the solid waste/contaminated soil have not been delineated. Therefore:

    a. Install a representative number of soil borings along the eastern right of way (ROW) of the roadway located east of the baseball field; define the vertical extent of any solid waste and sample and analyze soils from the 0-0.5, 0.5–1 and the 1-2 feet intervals for the contaminants of concern.

    b. Install a representative number of soil borings along the right of way along NW 20th Street in the area north of the football field and athletic track; define the vertical extent of any solid waste and sample and analyze soils from the 0-0.5, 0.5–1 and the 1-2 feet intervals for the contaminants of concern.

    c. Additionally, please note that offsite delineation to the east of the football field and track is required.

2. Install a soil boring in the vicinity of the dugout located on the south side of the baseball field and sample the 0-0.5 and 0.5-2 feet intervals for the contaminants of concern.

3. For soil borings installed in the vicinity of the basketball and tennis courts (Area 4), the sample intervals shall be 0-0.5, 0.5-1 and 1-2 feet.

4. Monitoring well MW-1 shall be relocated such that it is within the main solid waste layer and not on the periphery as proposed; additionally, DERM requires at least one well down gradient and outside of the solid waste layer.

5. To allow flexibility with respect to options for remedial design, for areas where solid

waste occurs at a depth below 1 foot, DERM recommends that a representative number of samples be obtained from the 0-0.5 and 0.5-1 foot interval to enable the City to clearly define the depth of clean overburden present in those areas.

Based on the above, within sixty (60) days of receipt of this correspondence, submit a Site Assessment Report prepared in accordance with Section 24-44(2)(j)(iv), Code of Miami-Dade County.

Be advised that DERM may require additional assessment based on the results of the SAR.

The consultant collecting the samples shall perform field sampling work in accordance with the Standard Operating Procedures provided in Chapter 62-160, Florida Administrative Code (FAC). The laboratory analyzing the samples shall perform laboratory analyses pursuant to the National Environmental Laboratory Accreditation Program (NELAP) certification requirements. DERM reserves the right to split samples with the consultant as deemed necessary; therefore, DERM shall be notified via email a minimum of three (3) working days prior to the implementation of any sampling or field activities. Email notifications shall be directed to bucknl@miamidade.gov as well as to DERMPCD@miamidade.gov. Please include the DERM file number on all correspondence.
If you have any questions concerning the above contact Lorna Bucknor at bucknl@miamidade.gov or me at mayorw@miamidade.gov or via telephone at (305) 372-6700.

Sincerely

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

ec: Jeovanny Rodriquez, City of Miami - jeovannyrodriquez@miamigov.com
Eduardo Smith, SCS ES Consultants - ESmith@scsengineers.com
Lee Hefty, Director, DERM

City of Miami - Gerry Curtis Park - Soil and Groundwater Sampling

Proposed Boring/Monitoring Well	Intervals/ Depth	Antimony, Arsenic, Barium, Copper, Iron & Lead*	Aluminum Cadmium, Chromium, Mercury, Selenium & Silver**	Dioxins***	PCBs***	Comments
Area 1 - Perimeter of the Baseball Fiel		**19**	**8**	**4**	**1**	
SB-18	0-0.5'	1	1	H	H	Southeastern most sample location, SE of the Source Removal Area (2/3/14)
	0.5-2'	1	1	H	H	
SB-19	0-0.5'	1	H	H	H	Surficial waste, waste interval below 2 ft BGS
	0.5-2'	1	H	H	H	
SB-20	0-0.5'	1	1	1	H	Surficial waste, waste interval below 0.5 ft BGS
	0.5-2'	1	1	1	1	
SB-21	0-0.5'	1	H	H	H	Surficial waste, waste interval below 1 ft BGS
	0.5-2'	1	H	H	H	
SB-22	0-0.5'	1	1	H	H	Surficial waste, waste interval below 1 ft BGS
	0.5-2'	1	1	H	H	
SB-23	0-0.5'	1	H	H	H	Surficial waste, waste interval below 2 ft BGS
	0.5-2'	1	H	H	H	
SB-24	0-0.5'	1	1	H	H	Surficial waste, waste interval below 1 ft BGS
	0.5-2'	1	1	H	H	
SB-25	0-0.5'	1	H	H	H	Surficial waste, waste starts at the surface
	0.5-2'	1	H	H	H	
SB-26****	0-0.5'	1	H	1	H	Overburden confirmation samples for remedial action - Waste interval below 1 ft BGS
	0.5-1'	1	H	H	H	
	1-2'	1	H	1	H	
Area 2 - Baseball Field		**11**	**0**	**4**	**1**	
SB-27	0-1'	1	H	H	H	Overburden confirmation samples for remedial action - Waste interval below 1 ft BGS
	1-1.5'	1	H	H	H	
	1.5-2'	1	H	H	1	
SB-28	0-0.5	1	H	1	H	Overburden confirmation samples for remedial action - Waste interval below 0.5 ft BGS
	0.5-2	1	H	1	H	
SB-29	0-1'	1	H	H	H	Overburden confirmation samples for remedial action - Waste interval below 1 ft BGS
	1-2'	1	H	H	H	
SB-30	0-1'	1	H	H	H	Overburden confirmation samples for remedial action - Waste interval below 1 ft BGS
	1-2'	1	H	H	H	
SB-31	0-1'	1	H	1	H	Overburden confirmation samples for remedial action - Waste interval below 1 ft BGS
	1-2'	1	H	1	H	
Area 3 - Playground		**20**	**9**	**6**	**2**	
SB-32	0-0.5'	1	1	H	H	Surficial waste, waste interval below 2 ft BGS
	0.5-1'	1	H	H	H	
	1-2'	1	1	H	1	
SB-33	0-0.5'	1	H	1	H	Surficial waste, waste interval below 0.5 ft BGS
	0.5-1'	1	H	H	H	
	1-2'	1	H	1	H	
SB-34	0-0.5'	1	1	H	H	Surficial waste, waste interval below 1 ft BGS
	0.5-2'	1	1	H	H	
SB-35	0-0.5'	1	H	H	H	Surficial waste, waste interval below 2 ft BGS
	0.5-2'	1	H	H	H	
SB-36	0-0.5'	1	1	1	H	Surficial waste, waste interval below 2 ft BGS
	0.5-1'	1	H	H	H	
	1-2'	1	1	1	1	
SB-37	0-0.5'	1	H	H	H	Surficial waste, waste at depth from 2 ft BGS
	0.5-2'	1	H	H	H	
SB-38	0-0.5'	1	1	1	H	Surficial waste, waste interval below 1 ft BGS
	0.5-1'	1	H	1	H	
	1-2'	1	1	H	H	
SB-39	0-0.5'	1	1	H	H	No waste, overburden confirmation sample
	0.5-2'	1	H	H	H	
Area 4 - Courts		**19**	**0**	**4**	**1**	
SB-40****	0-0.5'	1	H	H	H	Overburden confirmation samples for remedial action - Waste interval below 0.5 ft BGS. Sample intervals requested by DERM.
	0.5-1'	1	H	H	H	
	1-2'	1	H	H	H	
SB-41****	0-0.5'	1	H	H	H	Overburden confirmation samples for remedial action, no waste. Sample intervals requested by DERM.
	0.5-1'	1	H	H	H	
	1-2'	1	H	H	H	
SB-42****	0-0.5'	1	H	1	H	Overburden confirmation samples for remedial action - Waste interval below 2 ft BGS. Sample intervals requested by DERM.
	0.5-1'	1	H	H	H	
	1-1.5'	1	H	H	H	
	1.5-2'	1	H	1	H	
SB-43****	0-0.5'	1	H	H	H	Overburden confirmation samples for remedial action - Waste interval below 1 ft BGS. Sample intervals requested by DERM.
	0.5-1'	1	H	H	H	
	1-2'	1	H	H	H	
SB-44****	0-0.5'	1	H	1	H	Overburden confirmation samples for remedial action - Waste interval below 1 ft BGS. Sample intervals requested by DERM.
	0.5-1'	1	H	H	H	
	1-2'	1	H	1	H	
SB-45****	0-0.5'	1	H	H	H	Overburden confirmation samples for remedial action - Surficial waste and waste interval below 1 ft BGS
	0.5-1'	1	H	H	H	
	1-2'	1	H	H	1	
Area 5 - Western Bleachers		**7**	**2**	**0**	**1**	
SB-46	0-0.5'	1	H	H	H	Overburden confirmation samples for remedial action - Waste interval below 0.5 ft BGS
	0.5-2	1	H	H	H	
SB-47	0-1'	1	1	H	H	Overburden confirmation samples for remedial action - Waste interval below 1 ft BGS
	1-2'	1	H	H	1	
SB-48	0-2'	1	H	H	H	Overburden confirmation samples for remedial action - Waste interval below 2 ft BGS
	0-1'	H	H	H	H	
	1-2'	H	H	H	H	
SB-49	0-0.5'	1	1	H	H	Overburden confirmation samples for remedial action - no waste at depth.
	0.5-2	1	H	H	H	

City of Miami - Gerry Curtis Park - Soil and Groundwater Sampling

Proposed Boring/Monitoring Well	Intervals/ Depth	Antimony, Arsenic, Barium, Copper, Iron & Lead*	Aluminum Cadmium, Chromium, Mercury, Selenium & Silver**	Dioxins***	PCBs***	Comments
Area 6 - Football Field		**12**	**5**	**0**	**1**	
SB-50	0-0.5'	1	1	H	H	Overburden confirmation samples for remedial action - Surficial waste and waste interval below 1 ft BGS
	0.5-1.5'	1	H	H	H	
	1.5-2'	1	H	H	1	
SB-51	0-1'	1	H	H	H	Overburden confirmation samples for remedial action - Waste interval below 1 ft BGS
	1-2'	1	H	H	H	
SB-52	0-2'	1	1	H	H	Overburden confirmation samples for remedial action - Waste interval below 4 ft BGS
	0-1'	H	H	H	H	
	1-2'	H	H	H	H	
SB-53	0-2'	1	1	H	H	Overburden confirmation samples for remedial action - Waste interval below 2 ft BGS
	0-1'	H	H	H	H	
	1-2'	H	H	H	H	
SB-54	0-0.5'	1	H	H	H	Overburden confirmation samples for remedial action - Surfucial waste and waste interval below 2 ft BGS
	0.5-2'	1	H	H	H	
SB-55	0-2'	1	H	H	H	Overburden confirmation samples for remedial action - Waste interval below 2 ft BGS
	0-1'	H	H	H	H	
	1-2'	H	H	H	H	
SB-56	0-2'	1	1	H	H	Overburden confirmation samples for remedial action - Waste interval below 2 ft BGS
	0-1'	H	H	H	H	
	1-2'	H	H	H	H	
SB-57	0-2'	1	1	H	H	Overburden confirmation samples for remedial action - No waste
	0-1'	H	H	H	H	
	1-2'	H	H	H	H	
Area 7 - Pool		**10**	**3**	**0**	**1**	
SB-58	0-0.5'	1	1	H	H	Overburden confirmation samples for remedial action - Waste interval below 0.5 ft BGS
	0.5-2'	1	H	H	H	
SB-59	0-0.5'	1	H	H	H	Overburden confirmation samples for remedial action - Surficial waste
	0.5-2'	1	H	H	H	
SB-60	0-0.5'	1	1	H	H	Overburden confirmation samples for remedial action - Waste interval below 0.5 ft BGS
	0.5-2'	1	H	H	1	
SB-61	0-2'	1	H	H	H	Overburden confirmation samples for remedial action -Waste interval below 2 ft BGS
	0-1'	H	H	H	H	
	1-2'	H	H	H	H	
SB-62	0-2'	1	1	H	H	Overburden confirmation samples for remedial action - No waste
	0-1'	H	H	H	H	
	1-2'	H	H	H	H	
SB-63	0-2'	1	H	H	H	Overburden confirmation samples for remedial action - No waste
	0-1'	H	H	H	H	
	1-2'	H	H	H	H	
SB-64	0-2'	1	H	H	H	Overburden confirmation samples for remedial action - No waste
	0-1'	H	H	H	H	
	1-2'	H	H	H	H	
Area 8 - Eastern Parking Area		**4**	**2**	**0**	**0**	
SB-65	0-2'	1	H	H	H	Overburden confirmation samples for remedial action -Waste interval below 2 ft BGS
	0-1'	H	H	H	H	
	1-2'	H	H	H	H	
SB-66	0-2'	1	1	H	H	Overburden confirmation samples for remedial action - No waste
	0-1'	H	H	H	H	
	1-2'	H	H	H	H	
SB-67	0-2'	1	1	H	H	Overburden confirmation samples for remedial action - No waste
	0-1'	H	H	H	H	
	1-2'	H	H	H	H	
SB-68	0-2'	1	H	H	H	Overburden confirmation samples for remedial action -Waste interval below 2 ft BGS
	0-1'	H	H	H	H	
	1-2'	H	H	H	H	
Right-of-Way (ROW) Delineation Sam		**39**	**0**	**7**	**4**	
SB-69****	0-0.5"	1	H	H	H	Delineation ROW location and sample intervals requested by DERM.
	0.5-1'	1	H	H	H	
	1-2'	1	H	H	H	
SB-70****	0-0.5'	1	H	1	H	Delineation ROW location and sample intervals requested by DERM.
	0.5-1'	1	H	1	H	
	1-2'	1	H	1	1	
SB-71****	0-0.5"	1	H	H	H	Delineation ROW location and sample intervals requested by DERM.
	0.5-1'	1	H	H	H	
	1-2'	1	H	H	H	
SB-72****	0-0.5'	1	H	1	H	Delineation ROW location and sample intervals requested by DERM.
	0.5-1'	1	H	1	1	
	1-2'	1	H	H	H	
SB-73****	0-0.5"	1	H	H	H	Delineation ROW location and sample intervals requested by DERM.
	0.5-1'	1	H	H	H	
	1-2'	1	H	H	H	
SB-74****	0-0.5"	1	H	H	H	Delineation ROW location and sample intervals requested by DERM.
	0.5-1'	1	H	H	H	
	1-2'	1	H	H	H	
SB-75****	0-0.5"	1	H	H	H	Delineation ROW location and sample intervals requested by DERM.
	0.5-1'	1	H	H	H	
	1-2'	1	H	H	H	
SB-76****	0-0.5"	1	H	H	H	Delineation ROW location and sample intervals requested by DERM.
	0.5-1'	1	H	H	H	
	1-2'	1	H	H	H	

City of Miami - Gerry Curtis Park - Soil and Groundwater Sampling

Proposed Boring/Monitoring Well	Intervals/ Depth	Antimony, Arsenic, Barium, Copper, Iron & Lead*	Aluminum Cadmium, Chromium, Mercury, Selenium & Silver**	Dioxins***	PCBs***	Comments
SB-77****	0-0.5"	1	H	H	H	Delineation ROW location and sample intervals requested by DERM.
	0.5-1'	1	H	H	H	
	1-2'	1	H	H	H	
SB-78****	0-0.5"	1	H	H	H	Delineation ROW location and sample intervals requested by DERM.
	0.5-1'	1	H	H	H	
	1-2'	1	H	H	H	
SB-79****	0-0.5'	1	H	H	H	Delineation ROW location and sample intervals requested by DERM.
	0.5-1'	1	H	H	1	
	1-2'	1	H	H	H	
SB-80****	0-0.5'	1	H	1	1	Delineation ROW location and sample intervals requested by DERM.
	0.5-1'	1	H	1	H	
	1-2'	1	H	H	H	
SB-81****	0-0.5"	1	H	H	H	Delineation ROW location and sample intervals requested by DERM.
	0.5-1'	1	H	H	H	
	1-2'	1	H	H	H	
NUMBER OF SAMPLES TO RUN		**141**	**29**	**25**	**12**	
Groundwater Samples via Geoprobe						
MW-1	shallow	1	1	1	1	
MW-2	shallow	1	1	1	1	
MW-3	shallow	1	1	1	1	
MW-4*	shallow	1	1	1	1	
NUMBER OF SAMPLES		**4**	**4**	**4**	**4**	

Notes -

* - Antimony, Arsenic, Barium, Copper, Iron and Lead - To be analyzed in all samples

** - Aluminum, Cadmium, Chromium, Mercury, Selenium and Silver – Will be analyzed on a subset of samples, approximately 25% of the total samples

*** - Dioxins and PCB will be analyzed on a subset of samples (approximately 10% of the total samples) pending the initial metal* results

H - Samples will be collected and held at the laboratory

BGS - Below Ground Surface

**** - Sample location and/or intervals request by DERMs February 19, 2014 comment letter.

SB-10	
01/31/2014	
Al	NS
Sb	0.55 U
As	**4.9**
Ba	8.4
Ca	NS
Cr	NS
Cu	1.7 I
Fe	NS
Pb	3.7
Hg	NS

SB-11	
01/31/2014	
Al	NS
Sb	0.60 U
As	**5.1**
Ba	18
Ca	NS
Cr	NS
Cu	16
Fe	NS
Pb	42
Hg	NS

SB-3	
12/23/2013	
Al	3,100
Sb	**50**
As	**12**
Ba	170
Ca	1.5
Cr	27
Cu	**190**
Fe	22,000
Pb	1,600
Hg	0.17

SB-14	
01/31/2014	
Al	NS
Sb	0.60 U
As	**3.7**
Ba	8.2
Ca	NS
Cr	NS
Cu	11
Fe	NS
Pb	20
Hg	NS

SB-13	
01/31/2014	
Al	NS
Sb	1.1 U
As	**5.9**
Ba	5.4
Ca	NS
Cr	NS
Cu	1.1 I
Fe	NS
Pb	3.1
Hg	NS

SB-16	
01/31/2014	
Al	NS
Sb	0.59 U
As	**4.7**
Ba	8.9
Ca	NS
Cr	NS
Cu	6.4
Fe	NS
Pb	11
Hg	NS

SB-15	
01/31/2014	
Al	NS
Sb	0.78 I
As	**20**
Ba	21
Ca	NS
Cr	NS
Cu	28
Fe	NS
Pb	70
Hg	NS

SB-17	
01/31/2014	
Al	NS
Sb	0.59 U
As	**5.7**
Ba	8.5
Ca	NS
Cr	NS
Cu	9.8
Fe	NS
Pb	19
Hg	NS

SB-4	
12/23/2013	
Al	6,200
Sb	*17*
As	**28**
Ba	870
Ca	5.8
Cr	*55*
Cu	4,100
Fe	82,000
Pb	**2,100**
Hg	0.22

SB-7	
12/23/2013	
Al	2,300
Sb	*7.5*
As	**18**
Ba	110
Ca	1.5
Cr	23
Cu	150
Fe	30,000
Pb	**570**
Hg	0.15

SB-5	
12/23/2013	
Al	1,800
Sb	3.4
As	**9.5**
Ba	**130**
Ca	0.89
Cr	14
Cu	110
Fe	10,000
Pb	280
Hg	0.043

SB-6	
12/23/2013	
Al	1,900
Sb	*8.4*
As	**16**
Ba	**290**
Ca	1.5
Cr	23
Cu	**210**
Fe	38,000
Pb	**640**
Hg	0.059

SB-1	
12/23/2013	
Al	960
Sb	1.1 I
As	**2.8**
Ba	39
Ca	0.29 I
Cr	13
Cu	39
Fe	5,600
Pb	72
Hg	0.022 I

SB-2	
12/23/2013	
Al	1,000
Sb	2.9
As	**5.4**
Ba	94
Ca	0.56
Cr	7.6
Cu	62
Fe	11,000
Pb	290
Hg	0.012 I

SB-9	
01/31/2014	
Al	NS
Sb	*9*
As	**8.9**
Ba	**200**
Ca	NS
Cr	NS
Cu	**160**
Fe	NS
Pb	**550**
Hg	NS

SB-8	
01/31/2014	
Al	NS
Sb	0.60 I
As	1.1
Ba	13
Ca	NS
Cr	NS
Cu	15
Fe	NS
Pb	35
Hg	NS

SB-12	
01/31/2014	
Al	NS
Sb	*9*
As	**14**
Ba	**270**
Ca	NS
Cr	NS
Cu	**1,100**
Fe	NS
Pb	710
Hg	NS

NW 22nd PL.

NW 20th ST.

NW 24th AVE.

NW 17th TERRACE

NW RIVER DRIVE

MIAMI RIVER

AREA 1

AREA 2

AREA 3

AREA 4

AREA 5

AREA 6

FOOTBALL FIELD

(EM SURVEY CONDUCTED, NO PROPOSED SAMPLING DUE TO FINAL COVERAGE)

AREA 7

AREA 8

BASEBALL FIELD

TRACK

TRACK

BATHROOM

BLDG

COURTS

LAYGROUND

POOL

SURFICIAL SOLID WASTE VISIBLE IN NON-VEGETATED AREAS, (TYP.)

0 60 120

SCALE IN FEET

NOTES

mg/kg – milligrams per kilogram
ng/kg – nanograms per kilogram
U – Not detected at the Laboratory Method Limit (MDL).
I – Estimated value, the reported value is between the MDL and the Practical Quantitation Limit (PQL).
SCTLs – Soil Cleanup Target Levels specified in Table II of Chapter 24. Miami-Dade County Code
Bold – Indicates an exceedance of the residential SCTLs
Italics – Indicates an exceedance of the leachability based on the groundwater criteria

LEGEND

- PROPERTY LINE
- VISUAL DELINEATION SOIL BORINGS
- EXISTING SOIL BORING LOCATION
- PROPOSED SOIL BORING LOCATION
- PROPOSED MONITORING WELL LOCATION
- NO SOLID WASTE WITHIN THE CORE
- SURFICIAL SOLID WASTE VISIBLE
- SOLID WASTE @ 0–0.5 FT
- SOLID WASTE @ 0.5–1.0 FT
- SOLID WASTE @ 1.0–2.0 FT
- SOLID WASTE @ 2.0–4.0 FT
- SOLID WASTE @ 4.0 FT AND DEEPER

ADDITIONAL NOTES

1. Laboratory analysis is described in the attached Sampling Matrix
2. Area 1 and Area 3 – (DOH samples) Samples will be collected at discrete 0–0.5' and 0.5'–2' intervals and submitted for laboratory analysis for metals*
3. Area 2, Area 4, Area 5, Area 6, Area 7 and Area 8 – (Remedial action samples, overburden confirmation samples) Samples will be collected as described in the sampling matrix
4. During sample collection, SCS will make adjustments to the sample intervals if solid waste is encountered at a shallower depth than denoted on the sample matrix.

TABLE

SAMPLE ID	
DATE	
Al	mg/kg
Sb	mg/kg
As	mg/kg
Ba	mg/kg
Cd	mg/kg
Cr	mg/kg
Cu	mg/kg
Fe	mg/kg
Pb	mg/kg
Hg	mg/kg
Se	mg/kg
Ag	mg/kg

CLEAN UP TARGET LEVELS (mg/kg)

ANALYTE	RESIDENTIAL	INDUSTRIAL	LEACHABILITY
Al	80,000	*	*
Sb	27	370	5.4
As	2.1	12	*
Ba	120	130,000	1,600
Cd	82	1,700	7.5
Cr	310	470	38
Cu	150	89,000	*
Fe	53,000	N/A	*
Pb	400	1,400	*
Hg	3	17	2.1
Se	440	11,000	5.2
Ag	410	8,200	17

REV	DATE	DESCRIPTION	CHK BY
1			
2			
3			
4			
5			

LICENSE NO.

SHEET TITLE: PROPOSED SAMPLING LOCATIONS AND SOIL ANALYTICAL SUMMARY (0-0.5)

PROJECT TITLE: CURTIS PARK 1901 NW 24th AVE. MIAMI, FL

CLIENT: CITY OF MIAMI

SCS ES CONSULTANTS
STEARNS, CONRAD AND SCHMIDT CONSULTING ENGINEERS, INC.
7700 N. KENDALL DRIVE, SUITE 300, MIAMI, FL 33156
PH. (305) 412-8185 FAX. (305) 412-8105
FL CERTIFICATE OF AUTHORIZATION NO. 00004892

PROJ. NO. 09213010.xx | DWN. BY: WCR | Q/A R/W BY: MCP | APP. BY: EFS | CHK. BY: MCP | DSN. BY: MCP

CADD FILE:

DATE:

SCALE:

DRAWING NO. **Fig. 1**

SHEET of

M:\ESMASTER\City of Miami\Curtis Park\Drawings\FIG.4 SOIL ANALYTICAL SUMMARY 0-0.5.dwg Feb 11, 2014 - 5:27pm Layout Name: Fig.1 of 2 (2) By: 3618wcr

SB-10	
01/31/2014	
Al	NS
Sb	*6.7*
As	**16**
Ba	**210**
Ca	NS
Cr	NS
Cu	**260**
Fe	NS
Pb	**490**
Hg	NS

SB-11	
01/31/2014	
Al	NS
Sb	*9.5*
As	**14**
Ba	**370**
Ca	NS
Cr	NS
Cu	**1,400**
Fe	NS
Pb	**670**
Hg	NS

SB-3	
12/23/2013	
Al	3,100
Sb	**50**
As	**12**
Ba	170
Ca	1.5
Cr	27
Cu	**190**
Fe	22,000
Pb	1,600
Hg	0.17

SB-14	
01/31/2014	
Al	NS
Sb	*18*
As	**13**
Ba	**150**
Ca	NS
Cr	NS
Cu	140
Fe	NS
Pb	260
Hg	NS

SB-13	
01/31/2014	
Al	NS
Sb	*15*
As	**30**
Ba	**660**
Ca	NS
Cr	NS
Cu	**2,000**
Fe	NS
Pb	**1,400**
Hg	NS

SB-16	
01/31/2014	
Al	NS
Sb	4.1
As	**14**
Ba	**160**
Ca	NS
Cr	NS
Cu	120
Fe	NS
Pb	**500**
Hg	NS

SB-15	
01/31/2014	
Al	NS
Sb	*21*
As	**43**
Ba	**1,200**
Ca	NS
Cr	NS
Cu	**830**
Fe	NS
Pb	**2,900**
Hg	NS

SB-17	
01/31/2014	
Al	NS
Sb	*6.2*
As	**28**
Ba	**240**
Ca	NS
Cr	NS
Cu	**290**
Fe	NS
Pb	**480**
Hg	NS

NW 22nd PL.

AREA 8

AREA 1

AREA 6

FOOTBALL FIELD

(EM SURVEY CONDUCTED, NO PROPOSED SAMPLING DUE TO FINAL COVERAGE)

TRACK

AREA 2

BASEBALL FIELD

AREA 5

BATHROOM

AREA 4

COURTS

AREA 3

LAYGROUND

BLDG

AREA 7

POOL

NW 20th ST.

NW 24th AVE.

NW 1st AVENUE

NW RIVER DRIVE

MIAMI RIVER

SURFICIAL SOLID WASTE VISIBLE IN NON-VEGETATED AREAS, (TYP.)

SB-9	
01/31/2014	
Al	NS
Sb	*9.6*
As	**8.6**
Ba	**200**
Ca	NS
Cr	NS
Cu	**120**
Fe	NS
Pb	**1,300**
Hg	NS

SB-8	
01/31/2014	
Al	NS
Sb	**580**
As	**26**
Ba	**1,000**
Ca	NS
Cr	NS
Cu	**1,600**
Fe	NS
Pb	**2,600**
Hg	NS

SB-12	
01/31/2014	
Al	NS
Sb	**35**
As	**20**
Ba	**730**
Ca	NS
Cr	NS
Cu	**490**
Fe	NS
Pb	**1,800**
Hg	NS

0 60 120

SCALE IN FEET

NOTES

mg/kg – milligrams per kilogram
ng/kg – nanograms per kilogram
U – Not detected at the Laboratory Method Limit (MDL).
I – Estimated value, the reported value is between the MDL and the Practical Quantitation Limit (PQL).
SCTLs – Soil Cleanup Target Levels specified in Table II of Chapter 24. Miami-Dade County Code
Bold – Indicates an exceedance of the residential SCTLs
Italics – Indicates an exceedance of the leachability based on the groundwater criteria

LEGEND

- PROPERTY LINE
- VISUAL DELINEATION SOIL BORINGS
- EXISTING SOIL BORING LOCATION
- PROPOSED SOIL BORING LOCATION
- PROPOSED MONITORING WELL LOCATION
- NO SOLID WASTE WITHIN THE CORE
- SURFICIAL SOLID WASTE VISIBLE
- SOLID WASTE @ 0–0.5 FT
- SOLID WASTE @ 0.5–1.0 FT
- SOLID WASTE @ 1.0–2.0 FT
- SOLID WASTE @ 2.0–4.0 FT
- SOLID WASTE @ 4.0 FT AND DEEPER

ADDITIONAL NOTES

1. Laboratory analysis is described in the attached Sampling Matrix
2. Area 1 and Area 3 – (DOH samples) Samples will be collected at discrete 0–0.5' and 0.5'–2' intervals and submitted for laboratory analysis for metals*
3. Area 2, Area 4, Area 5, Area 6, Area 7 and Area 8 – (Remedial action samples, overburden confirmation samples) Samples will be collected as described in the sampling matrix
4. During sample collection, SCS will make adjustments to the sample intervals if solid waste is encountered at a shallower depth than denoted on the sample matrix.

TABLE

SAMPLE ID	
DATE	
Al	mg/kg
Sb	mg/kg
As	mg/kg
Ba	mg/kg
Cd	mg/kg
Cr	mg/kg
Cu	mg/kg
Fe	mg/kg
Pb	mg/kg
Hg	mg/kg
Se	mg/kg
Ag	mg/kg

CLEAN UP TARGET LEVELS (mg/kg)

ANALYTE	RESIDENTIAL	INDUSTRIAL	LEACHABILITY
Al	80,000	*	*
Sb	27	370	5.4
As	2.1	12	*
Ba	120	130,000	1,600
Cd	82	1,700	7.5
Cr	310	470	38
Cu	150	89,000	*
Fe	53,000	N/A	*
Pb	400	1,400	*
Hg	3	17	2.1
Se	440	11,000	5.2
Ag	410	8,200	17

LICENSE NO.

REV	DATE	DESCRIPTION	CHK BY
△			
△			
△			
△			
△			
△			

SHEET TITLE: PROPOSED SAMPLING LOCATIONS AND SOIL ANALYTICAL SUMMARY (0.5-2.0)

PROJECT TITLE: CURTIS PARK
1901 NW 24th AVE.
MIAMI, FL

CLIENT: CITY OF MIAMI

SCS ES CONSULTANTS
STEARNS, CONRAD AND SCHMIDT CONSULTING ENGINEERS, INC.
7700 N. KENDALL DRIVE, SUITE 300, MIAMI, FL 33156
PH. (305) 412-8185 FAX. (305) 412-8105
FL CERTIFICATE OF AUTHORIZATION NO. 00004892

PROJ. NO. 092130I0.xx | DWN. BY: WCR | Q/A R/W BY: MCP | APP. BY: EFS
DSN. BY: MCP | CHK. BY: MCP

CADD FILE:

DATE:

SCALE:

DRAWING NO. **Fig. 2**

SHEET of

M:\ESMASTER\City of Miami\Curtis Park\Drawings\FIG.5 SOIL ANALYTICAL SUMMARY 0.5-2.0.dwg Feb 11, 2014 - 5:29pm Layout Name: Fig.2 of 2 (2) By: 3618wcr

APPENDIX C

AREA OF INTEREST REPORT

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

AREA OF INTEREST REPORT No.: 20140227-1

Name: Well Report (1901 NW 24 Avenue, Miami)

AREA OF INTEREST STANDARD REPORT No.: 20140227-1

Name: Well Report

INTRODUCTION

The following Area of Interest Report was prepared by the Regulation Division, Regulatory Support Bureau of the South Florida Water Management District. The project site consists of approximately 559.83 acres of land located in Section 34, Township 53S, Range, 41E, City of Miami, Miami-Dade County, Florida.

The purpose of this report is to document the occurrence of the following features:

ABSTRACT

Permitted Facilities (Wells) E(District) Y(2014) S(SFWMD) SECTION

This data set is known as Water Use Permitting Facilities and consist of wells, pumps and culverts. These facilities are within the 16 counties located in the jurisdictional area of the South Florida Water Management District. The facilities represent a subset of all wells, pumps and culverts associated with Water Use Permits. A Water Use Permit is required for all water uses except single family and duplex use and fire fighting. A Water Use Permit (WUP) allows withdrawal of a specified amount of water, either from the ground or from a lake or river. The water can be used for a public water supply; to irrigate crops, nursery plants or golf courses; or for industrial processes. There are two types of Water Use Permits: general and individual. General permits are issued by District staff. Individual permits are issued by District's Governing Board. Water use is divided into five use types depending on the land use. Many water use permits are for combined use.

The query used to extract this subset is as follows -

select A.permit_no, A.app_no, A.actual_permit_file, A.project_name, L.lu_code, A.acres_served, C.id, C.facinv_type, C.name, C.pumptype_code, C.pump_diameter, C.cul_diameter, C.well_diameter, C.pump_capacity, C.pump_intake_depth, C.pump_intake_elevation, C.invert_elevation, C.pump_coordx, C.pump_coordy, C.well_depth, C.cased_depth, T.usests_code, C.facwlsts_code, W.factypwu_code, Y.name, Z.display_name from admin A, wu_app_facility B, wu_fac_inv C, wu_fac_sts_trk T, wu_fac_sources S, app_landuses L, wu_fac_wu_type W, tl_sources Y, app_reviewers X, tl_reviewers Z where A.app_no = L.admin_app_no and A.app_no = B.admin_app_no and B.facinv_id = C.id and L.use_priority = 1 and C.id = T.facinv_id(+) and C.id = S.facinv_id(+) and W.facinv_id(+) = C.id and S.source_id = Y.id and ((A.ACTIVE_MOD = 'Y') or (NVL(A.final_action_date,sysdate-16) >= (sysdate-15))) and A.permit_no like %county_num% and A.app_no = X.admin_app_no and X.rev_sys_id = Z.sys_id and T.end_date is null and X.rev_type = 'WU'

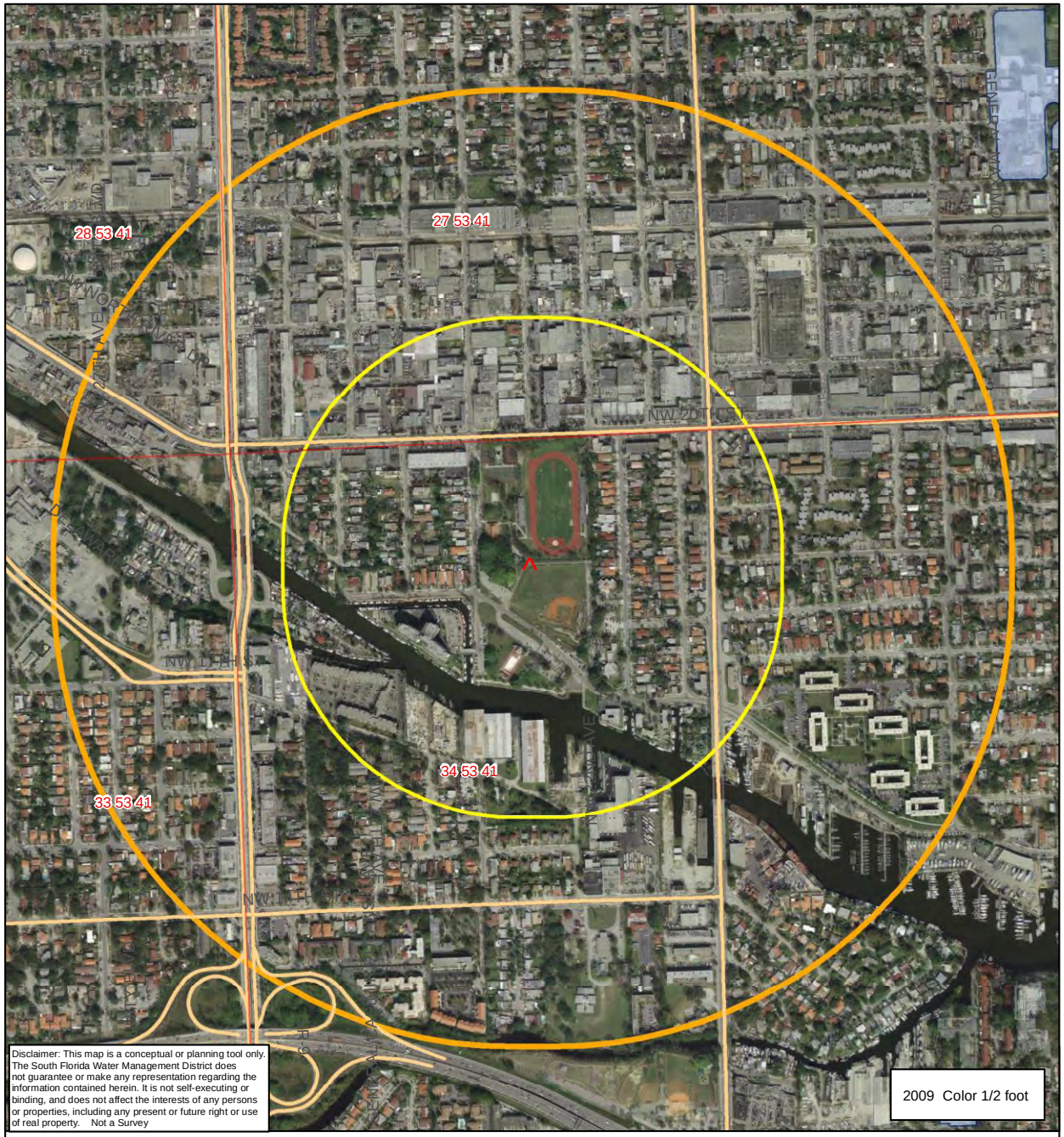
DISCLAIMER

This data is a conceptual tool utilized for project development and implementation only. This data is not self executing or binding, and does not otherwise affect the interests of any person including any vested rights or existing uses of real property. Any information, including but not limited to maps and data, received from the SFWMD is provided 'as is' without any warranty and the SFWMD expressly disclaims all express and implied warranties of merchantability and fitness for a particular purpose. The District does not make any representations regarding the use, or the results of the use, of the information provided to you by the District.

APPENDIX A: TABLES

No records were found for the following features:

Permitted Facilities (Wells) E(District) Y(2014) S(SFWMD)


28 53 41
27 53 41
34 53 41
33 53 41
NW 20TH ST
NW 17TH AVE
NW 12TH AVE
Disclaimer: This map is a conceptual or planning tool only. The South Florida Water Management District does not guarantee or make any representation regarding the information contained herein. It is not self-executing or binding, and does not affect the interests of any persons or properties, including any present or future right or use of real property. Not a Survey
2009 Color 1/2 foot
Site
wells
1/2 mile radius
1 mile radius

APPENDIX D

WASTE MANIFESTS AND FILL TICKETS

MIAMI
(305) 949-4148
HOMESTEAD
(305) 374-0261

BOYNTON BEACH
(561) 732-3602
BOCA RATON
(561) 243-0133

AUSTIN
TUPLER TRUCKING
INC

6570 S.W. 47th COURT
DAVIE, FLORIDA 33314
PHONE (954) 583 0801
FAX (954) 583-0844

FACSIMILE TRANSMISSION COVER SHEET

DATE: 2/12/14

TO: Victoria

COMPANY: City of Miami

VIA FAX#: 1-305-400-5360

TOTAL PAGES TRANSMITED (INCLUDING THIS PAGE): 5

RE: PO.# 1004436/23

50/50

PLEASE CALL ME IF YOU HAVE ANY QUESTIONS.

FROM: Geri Clark

Tropical Sands, Inc.
P.O. BOX 65-1069 • MIAMI, FLORIDA 33265-1069
TEL. (305) 253-3748

FR41 028688 DATE:

CONTRACTOR:

ADDRESS:

QUANTITY	DESCRIPTION

TRK NO.

RECEIVED BY:

Tropical Sands, Inc.
P.O. BOX 65-1069 • MIAMI, FLORIDA 33265-1069
TEL. (305) 253-3748

FR41 028693 DATE:

CONTRACTOR:

ADDRESS:

QUANTITY	DESCRIPTION

TRK NO.

RECEIVED BY:

Tropical Sands, Inc.
P.O. BOX 65-1069 • MIAMI, FLORIDA 33265-1069
TEL. (305) 253-3748

FR41 028687 DATE:

CONTRACTOR:

ADDRESS:

QUANTITY	DESCRIPTION

TRK NO.

RECEIVED BY:

Tropical Sands, Inc.
P.O. BOX 65-1069 • MIAMI, FLORIDA 33265-1069
TEL. (305) 253-3748

FR41 028694 DATE:

CONTRACTOR:

ADDRESS:

QUANTITY	DESCRIPTION

TRK NO.

RECEIVED BY:

QUICK SAND & FILL CORP.
P.O. BOX 65-1069 • MIAMI, FLORIDA 33265-1069
TEL.: (305) 227-3554

324785 DATE 9/19/13
CONTRACTOR SUPLER
ADDRESS

QUANTITY	DESCRIPTION
18	50/50
	1402

RECEIVED BY:

QUICK SAND & FILL CORP.
P.O. BOX 65-1069 • MIAMI, FLORIDA 33265-1069
TEL.: (305) 227-3554

323904 DATE 9/24/13
CONTRACTOR SUPLER
ADDRESS

QUANTITY	DESCRIPTION
18	50/50
	1402

RECEIVED BY:

QUICK SAND & FILL CORP.
P.O. BOX 65-1069 • MIAMI, FLORIDA 33265-1069
TEL.: (305) 227-3554

323905 DATE 9/24/13
CONTRACTOR SUPLER
ADDRESS 6161 NW 7 ave

QUANTITY	DESCRIPTION
18	50/50
	1494

RECEIVED BY:

QUICK SAND & FILL CORP.
P.O. BOX 65-1069 • MIAMI, FLORIDA 33265-1069
TEL.: (305) 227-3554

324787 DATE 9/19/13
CONTRACTOR SUPLER
ADDRESS 6161 NW 7 ave

QUANTITY	DESCRIPTION
18	50/50
	1494

RECEIVED BY:

JOB #
TRK TICKETS 2 TOTAL TKTS 1562
FOR OFFICE USE ONLY

BROWARD (954) 583-0801 W.P.B. (561) 732-3602 DADE (305) 949-4148

A. TUPLER TRUCKING, INC.
6570 S. W. 47th COURT
DAVIE, FLA. 33314

TRUCK # 1567 DATE 9/26/14
TAG NO. NO1-81R
CUSTOMER City Miami
FROM: Whitropical Sand.
TO: 6161 NW 8 Ave
MATERIAL: 50/50
CUBIC YARDS: 18
LOADS: 1
TONS:

FROM ____ TO ____ TOTAL HOURS ____

RECEIVED / WORK PERFORMED

TICKET NUMBER 15274

Signature

Upon the signing of this ticket, customer acknowledges that the material / labor, complies with all customer requirements, and customer is liable to pay for all yards / loads / equipment time stated thereon.

NOT RESPONSIBLE FOR DAMAGE PAST CURBLINE

JOB #
TRK TICKETS ____ TOTAL TKTS ____
FOR OFFICE USE ONLY

BROWARD (954) 583-0801 W.P.B. (561) 732-3602 DADE (305) 949-4148

A. TUPLER TRUCKING, INC.
6570 S. W. 47th COURT
DAVIE, FLA. 33314

TRUCK # 1567 DATE 9/26/14
TAG NO. NO1-81R
CUSTOMER City Miami
FROM: Tropical Sand W.R
TO: 6161 NW 8 Ave
MATERIAL: 50/50
CUBIC YARDS: 18
LOADS: 1
TONS:

FROM ____ TO ____ TOTAL HOURS ____

RECEIVED / WORK PERFORMED

TICKET NUMBER 15275

Signature

Upon the signing of this ticket, customer acknowledges that the material / labor, complies with all customer requirements, and customer is liable to pay for all yards / loads / equipment time stated thereon.

NOT RESPONSIBLE FOR DAMAGE PAST CURBLINE

JOB #

TRK TICKETS _____ TOTAL TKTS _____

FOR OFFICE USE ONLY

BROWARD (954) 583-0801 | W.P.B. (561) 732-3602 | DADE (305) 949-4148

A. TUPLER TRUCKING, INC.

6570 S. W. 47th COURT
DAVIE, FLA. 33314

TRUCK # 1567 DATE 9/25/13
TAG NO. NOJ-81R
CUSTOMER Ciudad Miami
FROM: Tropical Sand
TO: 6161 NW 7 Ave
MATERIAL: 50/50
CUBIC YARDS: 18
LOADS: 1
TONS: _____

FROM _____ TO _____ TOTAL HOURS _____

RECEIVED / WORK PERFORMED

TICKET NUMBER 15270

Signature

Upon the signing of this ticket, customer acknowledges that the material / labor, complies with all customer requirements, and customer is liable to pay for all yards / loads / equipment time stated thereon.

NOT RESPONSIBLE FOR DAMAGE PAST CURBLINE

JOB #

TRK TICKETS _____ TOTAL TKTS _____

FOR OFFICE USE ONLY

BROWARD (954) 583-0801 | W.P.B. (561) 732-3602 | DADE (305) 949-4148

A. TUPLER TRUCKING, INC.

6570 S. W. 47th COURT
DAVIE, FLA. 33314

TRUCK # 1567 DATE 9/25/13
TAG NO. NOJ-81R
CUSTOMER City Miami
FROM: Tropical Sand
TO: 6161 NW 8 Ave
MATERIAL: 50/50
CUBIC YARDS: 18
LOADS: 1
TONS: _____

FROM _____ TO _____ TOTAL HOURS _____

RECEIVED / WORK PERFORMED

TICKET NUMBER 15271

Signature

Upon the signing of this ticket, customer acknowledges that the material / labor, complies with all customer requirements, and customer is liable to pay for all yards / loads / equipment time stated thereon.

NOT RESPONSIBLE FOR DAMAGE PAST CURBLINE

JOB #

TRK TICKETS _____ TOTAL TKTS _____

FOR OFFICE USE ONLY

BROWARD (954) 583-0801 | W.P.B. (561) 732-3602 | DADE (305) 949-4148

A. TUPLER TRUCKING, INC.

6570 S. W. 47th COURT
DAVIE, FLA. 33314

TRUCK # 1567 DATE 9/25/13
TAG NO. NOJ-81R
CUSTOMER City Miami
FROM: Tropical Sand
TO: 6161 NW 8 Ave
MATERIAL: 50/50
CUBIC YARDS: 18
LOADS: 1
TONS: _____

FROM _____ TO _____ TOTAL HOURS _____

RECEIVED / WORK PERFORMED

TICKET NUMBER 15272

Signature

Upon the signing of this ticket, customer acknowledges that the material / labor, complies with all customer requirements, and customer is liable to pay for all yards / loads / equipment time stated thereon.

NOT RESPONSIBLE FOR DAMAGE PAST CURBLINE

JOB #

TRK TICKETS _____ TOTAL TKTS _____

FOR OFFICE USE ONLY

BROWARD (954) 583-0801 | W.P.B. (561) 732-3602 | DADE (305) 949-4148

A. TUPLER TRUCKING, INC.

6570 S. W. 47th COURT
DAVIE, FLA. 33314

TRUCK # 1567 DATE 9/25/13
TAG NO. NOJ-81R
CUSTOMER City Miami
FROM: Tropical Sand
TO: 6161 NW 8 Ave
MATERIAL: 50/50
CUBIC YARDS: 18
LOADS: 1
TONS: _____

FROM _____ TO _____ TOTAL HOURS _____

RECEIVED / WORK PERFORMED

TICKET NUMBER 15273

Signature

Upon the signing of this ticket, customer acknowledges that the material / labor, complies with all customer requirements, and customer is liable to pay for all yards / loads / equipment time stated thereon.

NOT RESPONSIBLE FOR DAMAGE PAST CURBLINE

JOB #

TRK TICKETS 2 TOTAL TKTS 1799 9/27

FOR OFFICE USE ONLY

BROWARD (954) 583-0801 W.P.B. (561) 732-3602 DADE (305) 949-4148

18 X 36

A. TUPLER TRUCKING, INC.
6570 S. W. 47th COURT
DAVIE, FLA. 33314

TRUCK # 1799 DATE 9/27/13
TAG NO. N14 255
CUSTOMER
FROM: WHITE ROCK
TO: 2600 S BAY SHORE DR.
MATERIAL: 50 50 MIX
CUBIC YARDS: 18
LOADS: 1
TONS:

FROM TO TOTAL HOURS

TICKET NUMBER 52740

RECEIVED / WORK PERFORMED

Signature

Upon the signing of this ticket, customer acknowledges that the material / labor, complies with all customer requirements, and customer is liable to pay for all yards / loads / equipment time stated thereon.

NOT RESPONSIBLE FOR DAMAGE PAST CURBLINE

JOB #

TRK TICKETS TOTAL TKTS

FOR OFFICE USE ONLY

BROWARD (954) 583-0801 W.P.B. (561) 732-3602 DADE (305) 949-4148

A. TUPLER TRUCKING, INC.
6570 S. W. 47th COURT
DAVIE, FLA. 33314

TRUCK # 1799 DATE 9/27/13
TAG NO. N14 755
CUSTOMER MIAMI DADE
FROM: WHITE ROCK
TO: 2600 S SHORE DR.
MATERIAL: 50 50 MIX
CUBIC YARDS: 18
LOADS: 1
TONS:

FROM TO TOTAL HOURS

TICKET NUMBER 52741

RECEIVED / WORK PERFORMED

Signature

Upon the signing of this ticket, customer acknowledges that the material / labor, complies with all customer requirements, and customer is liable to pay for all yards / loads / equipment time stated thereon.

NOT RESPONSIBLE FOR DAMAGE PAST CURBLINE

Tropical Sands, Inc.
P.O. BOX 65-1069 • MIAMI, FLORIDA 33265-1069
TEL. (305) 253-3748

FR41 019021 DATE: 9/12/13

CONTRACTOR:

ADDRESS:

QUANTITY	DESCRIPTION
10	SAND

TRK NO. 3X2

RECEIVED BY:

Tropical Sands, Inc.
P.O. BOX 65-1069 • MIAMI, FLORIDA 33265-1069
TEL. (305) 253-3748

FR41 019022 DATE: 9/12/13

CONTRACTOR:

ADDRESS:

QUANTITY	DESCRIPTION
15	SAND

TRK NO. 1102

RECEIVED BY:

Tropical Sands, Inc.
P.O. BOX 65-1069 • MIAMI, FLORIDA 33265-1069
TEL. (305) 253-3748

FR41 019010 DATE: 9/13/13

CONTRACTOR:

ADDRESS: 351 SW 1ST

QUANTITY	DESCRIPTION
15	SAND

TRK NO. 1406

RECEIVED BY:

Tropical Sands, Inc.
P.O. BOX 65-1069 • MIAMI, FLORIDA 33265-1069
TEL. (305) 253-3748

FR41 019020 DATE: 9/13/13

CONTRACTOR:

ADDRESS: 351 SW 1ST

QUANTITY	DESCRIPTION
15	SAND

TRK NO. 1406

RECEIVED BY:

Tropical Sands, Inc.
P.O. BOX 65-1069 • MIAMI, FLORIDA 33265-1069
TEL. (305) 253-3748

FR41 019030 DATE: 1/30/13

CONTRACTOR:

ADDRESS:

QUANTITY	DESCRIPTION
15	SAND

TRK NO. 1706

RECEIVED BY:

Tropical Sands, Inc.
P.O. BOX 65-1069 • MIAMI, FLORIDA 33265-1069
TEL. (305) 253-3748

FR41 019033 DATE: 1/30/13

CONTRACTOR:

ADDRESS:

QUANTITY	DESCRIPTION
15	SAND

TRK NO. 1719

RECEIVED BY:

Tropical Sands, Inc.
P.O. BOX 65-1069 • MIAMI, FLORIDA 33265-1069
TEL. (305) 253-3748

FR41 019024 DATE: 1/30/13

CONTRACTOR:

ADDRESS:

QUANTITY	DESCRIPTION
15	SAND

TRK NO. 1719

RECEIVED BY:

Tropical Sands, Inc.
P.O. BOX 65-1069 • MIAMI, FLORIDA 33265-1069
TEL. (305) 253-3748

FR41 019011 DATE: 1/30/13

CONTRACTOR:

ADDRESS:

QUANTITY	DESCRIPTION
15	SAND

TRK NO. 1719

RECEIVED BY:

Tropical Sands, Inc.
P.O. BOX 65-1069 • MIAMI, FLORIDA 33265-1069
TEL. (305) 253-3748

FR41 019009 DATE: 1/30/13

CONTRACTOR:

ADDRESS:

QUANTITY	DESCRIPTION
15	SAND

TRK NO. 1512

RECEIVED BY:

Tropical Sands, Inc.
P.O. BOX 65-1069 • MIAMI, FLORIDA 33265-1069
TEL. (305) 253-3748

FR41 019019 DATE: 1/24/13

CONTRACTOR:

ADDRESS:

QUANTITY	DESCRIPTION
15	SAND

TRK NO. 1512

RECEIVED BY:

Tropical Sands, Inc.
P.O. BOX 65-1069 • MIAMI, FLORIDA 33265-1069
TEL. (305) 253-3748

FR41 019028 DATE: 1/29/13

CONTRACTOR:

ADDRESS:

QUANTITY	DESCRIPTION
15	SAND

TRK NO. 1512

RECEIVED BY:

Tropical Sands, Inc.
P.O. BOX 65-1069 • MIAMI, FLORIDA 33265-1069
TEL. (305) 253-3748

FR41 019041 DATE: 10/11/13

CONTRACTOR:

ADDRESS:

QUANTITY	DESCRIPTION
15	6.0/10
TRK NO.	1104

RECEIVED BY:

Tropical Sands, Inc.
P.O. BOX 65-1069 • MIAMI, FLORIDA 33265-1069
TEL. (305) 253-3748

FR41 019042 DATE: 10/11/13

CONTRACTOR:

ADDRESS:

QUANTITY	DESCRIPTION
15	3.0/5.0
TRK NO.	1104

RECEIVED BY:

Tropical Sands, Inc.
P.O. BOX 65-1069 • MIAMI, FLORIDA 33265-1069
TEL. (305) 253-3748

FR41 019014 DATE: 9/30/13

CONTRACTOR: A. Tupler

ADDRESS:

QUANTITY	DESCRIPTION
18	S 411
TRK NO.	1401

RECEIVED BY:

BROWARD: (954) 583-0801 W.P.B. (561) 732-3602 DADE (305) 949-4148

A. TUPLER TRUCKING, INC.
6570 S. W. 47th COURT
DAVIE, FLA. 33314
BY THE YARD: 16 YDS TANDEMS — 18 YDS TRIAXLES

TRUCK NO. 411 DATE 9/30/2013
TAG NO. N50640
CUSTOMER CITY MIAMI
FROM TROPICAL W-ROCK
TO 6161 NW-8 AVE
YARDS 18-50/50
TONS
HOURS FROM TO
LOAD

Upon the signing of this ticket, customer acknowledges that the material/labor, complies with all customer requirements and customer is liable to pay for all yards/loads/equipment time stated thereon.

NOT RESPONSIBLE FOR DAMAGE PAST CURBLINE

RECEIVED BY

31261272 PC-2

A 149333

BROWARD: (954) 583-0801 W.P.B. (561) 732-3602 DADE (305) 949-4148

A. TUPLER TRUCKING, INC.
6570 S. W. 47th COURT
DAVIE, FLA. 33314
BY THE YARD: 16 YDS TANDEMS — 18 YDS TRIAXLES

TRUCK NO. 411 DATE 9/31/2013
TAG NO. N50640
CUSTOMER CITY MIAMI
FROM TROPICAL W-ROCK
TO 6161 NW-8 AVE
YARDS 18 50/50
TONS
HOURS FROM TO
LOAD

Upon the signing of this ticket, customer acknowledges that the material/labor, complies with all customer requirements and customer is liable to pay for all yards/loads/equipment time stated thereon.

NOT RESPONSIBLE FOR DAMAGE PAST CURBLINE

RECEIVED BY

31261272 PC-2

Tropical/Sands, Inc.

P.O. BOX 65-1069 • MIAMI, FLORIDA 33265-1069

TEL. (305) 253-3748

FR41 019044 DATE:

CONTRACTOR:

ADDRESS:

QUANTITY	DESCRIPTION
TRK NO.	

RECEIVED BY:

QUICK SAND & FILL CORP. 567

P.O. BOX 65-1069 • MIAMI, FLORIDA 33265-1069
TEL.: (305) 227-3554

324781 (3) DATE 9/04/13

CONTRACTOR Supplier

ADDRESS

QUANTITY	DESCRIPTION
15	5010
	1564
	Basilio & Jimmy

RECEIVED BY: J. Valle

QUICK SAND & FILL CORP. 567

P.O. BOX 65-1069 • MIAMI, FLORIDA 33265-1069
TEL.: (305) 227-3554

324792 (3) DATE 9/04/13

CONTRACTOR Supplier

ADDRESS

QUANTITY	DESCRIPTION
15	5010
	1564
	Basilio & Jimmy

RECEIVED BY: Basilio & Jimmy

QUICK SAND & FILL CORP. 567

P.O. BOX 65-1069 • MIAMI, FLORIDA 33265-1069
TEL.: (305) 227-3554

324799 (3) DATE 9/04/13

CONTRACTOR Supplier

ADDRESS

QUANTITY	DESCRIPTION
18	5010
	1564
	Jimmy

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ADDRESS 351 SW 4 St

QUANTITY	DESCRIPTION
18	5010
	1406

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QUANTITY	DESCRIPTION
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	1706

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18	50/50
	1812

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18	5'0"D
	18 12

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Tropical Sands, Inc.

APPENDIX E

ELECTROMAGNETIC SURVEY

SPOTLIGHT
GEOPHYSICAL SERVICES

TECHNICAL REPORT

Electromagnetic Survey for Fly Ash Mapping
Curtis Park
Miami, Florida

for

SCS ES Consultants
Miami, Florida

January 24, 2014

SGS Project No.: 2014231

SCS PO# 09-M00794

Spotlight Geophysical Services, LLC - 4618 NW 96th Avenue, Doral, FL 33178
Ph: (305) 607-2377 Email: info@spotlightgeo.com Web: www.spotlightgeo.com

CERTIFICATION

I hereby certify that this document has been prepared in accordance with generally accepted geophysical exploration and interpretation practices.

Authored by:

_____

Ronald Kaufmann
President
Licensed Professional Geophysicist - California #1071

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LIST OF FIGURES

BACKGROUND

SCS ES Consultants (SCS) is conducting an environmental assessment of Curtis Park in Miami, Florida. The City of Miami is concerned that fly ash may be present within the park. As a pre-assessment guide, SCS retained Spotlight Geophysical Services (SGS) to perform an electromagnetic (EM) survey of a portion of the park. The purpose of the EM survey is to non-invasively map areas of possible fly ash. Fieldwork was completed on January 22nd, 2014.

TECHNICAL APPROACH

Overview

Electromagnetic (EM) measurements respond to metals (both ferrous and non-ferrous), inorganic contaminants, and variations in electrical conductivity. They are an effective means to non-invasively map the lateral boundaries of inorganic contaminant plumes, landfills, and metallic structures. EM measurements are made by handheld or towed systems along survey lines or within survey grids. The data are digitally acquired and can be contoured in a plan-view map to show the boundaries of anomalous features. The anomalies can then be further evaluated with additional geophysical methods, borings, or trenches.

The EM method is commonly employed to measure the electrical conductivity of subsurface materials. Electrical conductivity is the ability of a material to conduct an electrical current and is expressed in units of milliSiemens per meter (mS/m). Electrical conductivity is a function of soil and rock type, porosity, and the composition of fluids that fill the pore spaces. Inorganic contaminants will typically have a much higher electrical conductivity than soils and clean fill (McNeill, 1980).

Survey Area

The EM survey was performed within an approximate 6-acre area of Curtis Park (Figure 1). The survey area includes the football field, track area and areas around the bleachers.

Data Acquisition

Electromagnetic data were acquired with a multi-frequency GEM-2 instrument (Figure 2). The GEM-2 was hand carried along survey lines that are nominally spaced 5-feet apart within accessible portions of the survey area. Data were sampled at 0.1-second intervals (equivalent to a sample every 0.3 feet along the survey lines). The position of each sample point was measured with a differential GPS accurate to within 1 meter in open areas of the site. The EM data and GPS positions were simultaneously transferred to a Socket hand-held data logger using a Bluetooth connection.

Data Processing and Interpretation

The EM and GPS data were exported to a Microsoft EXCEL spreadsheet. The geographic positions were converted to the Florida State Plane (East) coordinate system in feet (NAD-83).

The GEM-2 simultaneously measures both in-phase and electrical conductivity at 7 different frequencies. The in-phase component is mainly sensitive to metal (surface and subsurface), while the conductivity component is sensitive to variations in the electrical conductivity of subsurface materials in areas away from metallic interference. For this investigation, a mid-range frequency of 9,810 Hz was chosen for analysis.

The in-phase (metal) and conductivity components were gridded and contoured using Surfer v.12.0 software (Golden Software). The conductivity data were assessed for anomalously high conductivity values in areas away from metallic interference. Fly ash and other inorganic contaminants typically have conductivity values that are significantly higher than soils and clean fill.

Quality Control

The EM instrument was calibrated and operated according to the manufacturer's instructions and ASTM Standards (ASTM, 2001).

Limitations

EM measurements will be affected by any metal (surface or subsurface) within 20 feet of the instrument. Therefore, electrical conductivity measurements in areas affected by metallic interference are not representative of the true electrical conductivity of subsurface materials in these areas. Electrical conductivity values are reported as "apparent conductivity", since they are composed of a weighted average of the conductivity values associated with subsurface materials from the surface to a maximum depth of approximately 20 feet.

RESULTS

In-phase (metal)

Figure 3 shows the EM in-phase data, which are sensitive to surface and subsurface metal. Areas that are at least 20 feet away from metal have values in the range of -1000 to -2000 ppm (shaded light blue and blue in Figure 3). Values that are significantly higher or lower than these background values are due to surface or subsurface metal.

The perimeter of the survey area contains anomalous in-phase values due to the proximity of metal bleachers, reinforced concrete, and utilities. Metallic utilities are evident as linear trends in the data and have been annotated on Figure 3 *(note that these annotations are not intended as a complete or accurate map of utilities).*

Electrical Conductivity

Figure 4 shows the EM apparent conductivity data. In areas away from metallic interference, the apparent conductivity values are generally in the range of 5 to 30 mS/m, which is typical of dry to moist sand and clean fill. Areas containing metal (identified by the in-phase data in Figure 3) show significantly higher or lower apparent conductivity values due to the metallic interference. *Note that the apparent conductivity values are significantly affected by the presence of metal, and do not represent the true electrical conductivity of the soil in these areas.*

In areas away from metallic interference, there are three (3) zones of anomalously high apparent conductivity values due to possible contaminants. These anomalous zones are labeled “1”, “2”, and “3” in Figure 4 and contain apparent conductivity values of up to 200 mS/m. The apparent conductivity values are significantly higher than those for typical soils and clean fill and may be due to fly ash or other inorganic contaminants in the subsurface.

CONCLUSIONS

Electromagnetic data were acquired within a 6-acre portion of Curtis Park, including the football field and track area. In areas away from metallic interference, the data indicate three zones of elevated apparent conductivity values, which may be due to fly ash or other inorganic contaminants (Figure 4). Table 1 summarizes the anomalous zone sizes and locations.

Table 1. Anomalous Zones Due to Possible Fly Ash or other Contaminants

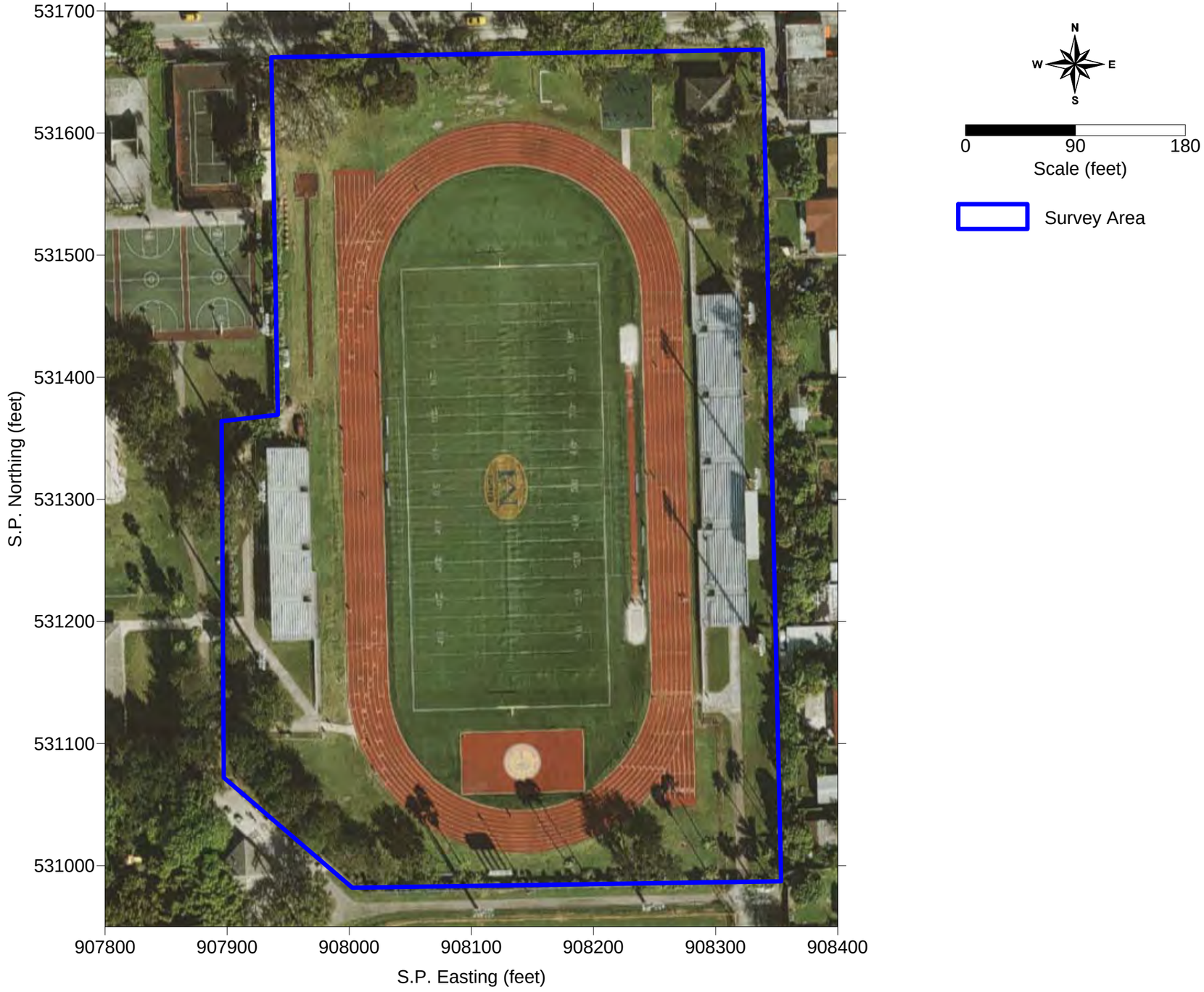
Anomalous Zone	Size (sq-ft)	Location
1	7,900	Northeast of northern end zone of football field
2	7,700	Eastern side of football field
3	8,500	Southeastern corner of track

The three defined anomalous zones are meant to be a guide for further characterization. The EM data alone cannot discriminate between fly ash and other possible contaminants causing the anomalies. We can definitively conclude that the anomalous zones have apparent conductivity values that are significantly higher than typical soils and clean fill. It is also possible that fly ash or other contaminants may be present and undetectable in areas affected by metallic interference.

REFERENCES

ASTM, 2001, Standard Guide for Using the Frequency Domain Electromagnetic Method for Subsurface Investigations, D6639-01, ASTM International, Conshohocken, PA, 13 p.

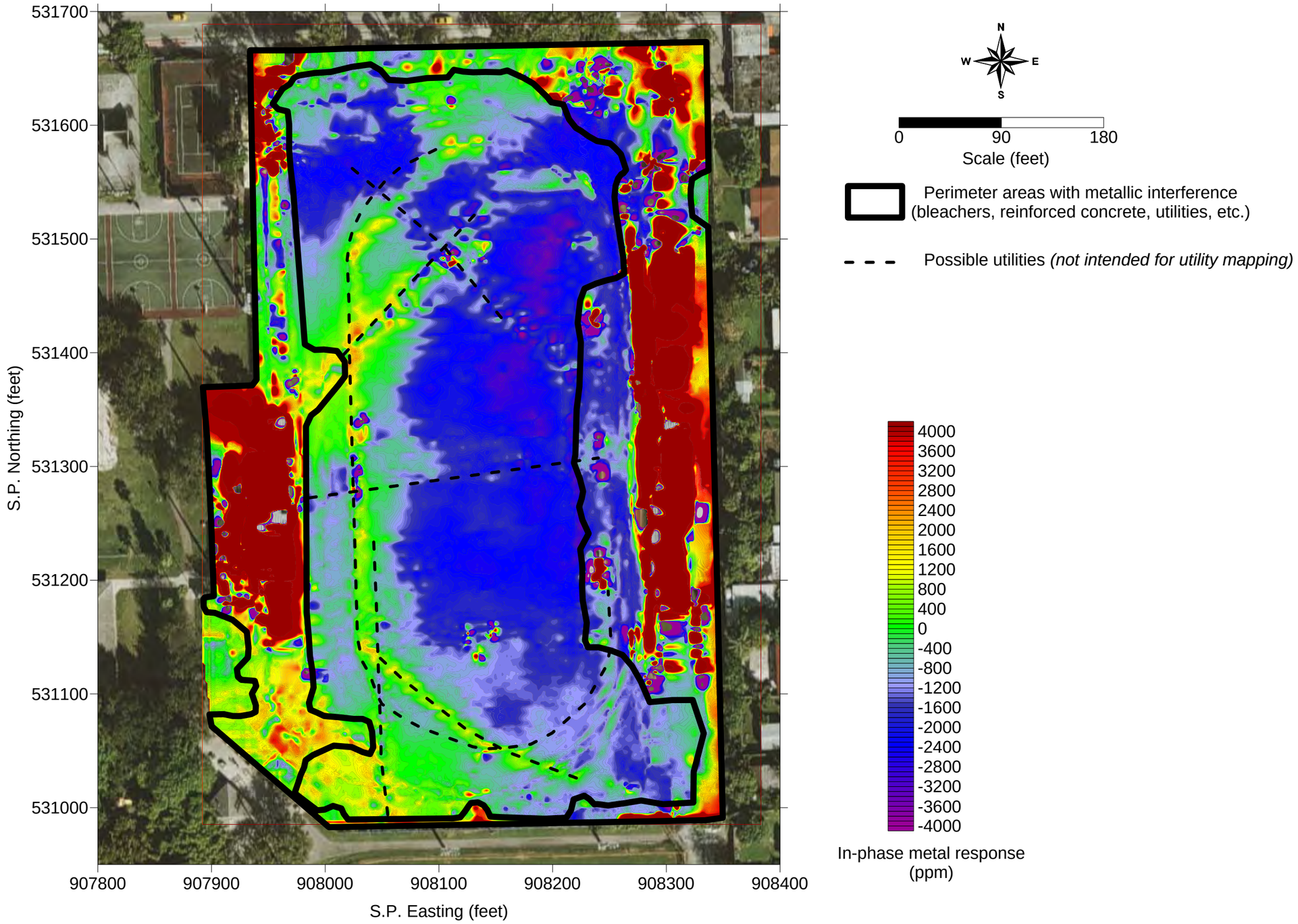
McNeill, J.D., 1980, Electrical conductivity of soils and rocks, Geonics Ltd. Technical Note TN-5, 20 p.



SPOTLIGHT
GEOPHYSICAL SERVICES

Figure 1. Survey area

Figure 2. Data acquisition photos



SPOTLIGHT
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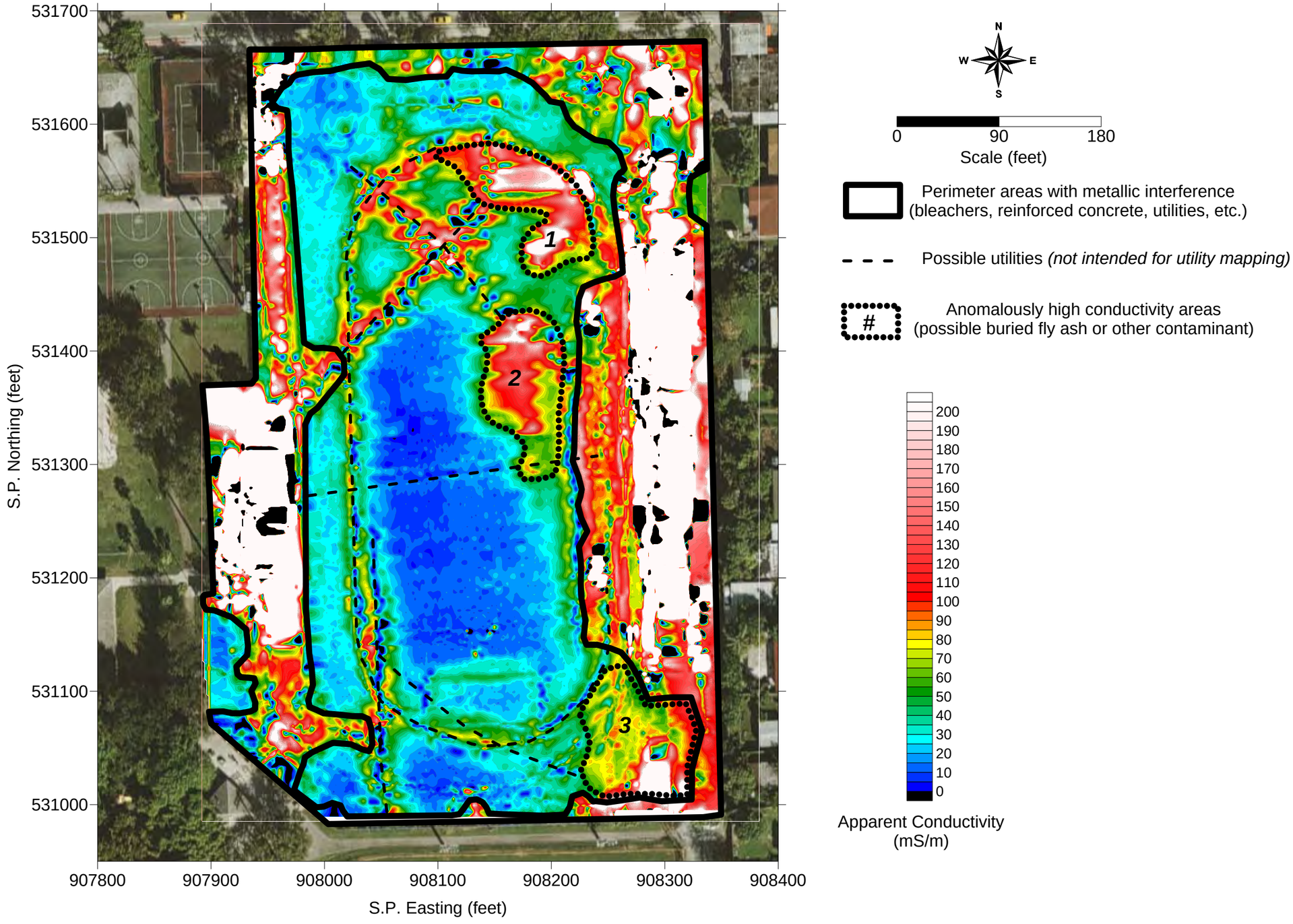
Figure 3. EM in-phase (metal) contour map



SPOTLIGHT
GEOPHYSICAL SERVICES

Figure 4. EM conductivity map

APPENDIX F

SOIL BORING LOGS

CURTIS
SOIL BORING
LOGS
"A"

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	A-1	01-3134-000-0330

Site Address:	Borehole Start Date: 4-Feb-14	Borehole Start Time: 1205 ☐ AM ☑ PM
1901 NW 20 ST, Miami FL	End Date: 4-Feb-14	End Time: 12:10 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5	(0-0.75) Grey silty top soil with small limestone fragments.	Samples not collected
			1.0		
			1.5	(0.75-2) Light grey to off white Limerock fill.	
			2.0		
DP	N/A	M ▽	2.5	(2-3) SW	
			3.0		
			3.5	(3-4) Muck.	
			4.0		
DP	N/A	S	4.5	(4-4.5) Tan silty sand	
			5.0	(4.5-7) Tan to off white Native limestone.	
			5.5		
			6.0		
DP	N/A	S	6.5		
			7.0		
			7.5		
			8.0		
			8.5		
			9.0		
			9.5		
			10.0		
			10.5		
			11.0		
			11.5		
			12.0		
			12.5		
			13.0		
			13.5		
			14.0		
			14.5		
			15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name: Curtis Park	Sample Location ID: A-3	Miami-Dade County Folio Number: 01-3134-000-0330
Site Address: 1901 NW 20 ST Miami FL	Borehole Start Date: 31-Jan-14 End Date: 31-Jan-14	Borehole Start Time: 13:00 ☐ AM ☑ PM End Time: 13:05 ☐ AM ☑ PM
Environmental Contractor: SCS ES Consultants	Geologist's Name: Maria Pages	Environmental Technician's Name: David Balladares.
Drilling Contractor / Method(s): JAEE / GeoProbe	Borehole Diameter (inches): 3	Diposition of Drill Cuttings: Drum
Borehole Completion: Fine Grain Sand		

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	NA	D	0.5	(0-0.5) Dark Brown silty topsoil	Samples not collected
			1.0	(0.5-1) Offwhite crushed limerock fill	
			1.5	glass @ 0.75.	
			2.0	(1-2.5) Tan fine grain silica Sand	
DP	NA	M	2.5	(2.5-3) grey to dark grey silty sand	
			3.0		
			3.5	(3-6) Native limestone - off white to tan fine to medium grain sand with lime stone fragments. (visible voids)	
			4.0		
DP	NA	S	4.5		
			5.0		
			5.5		
			6.0		
			6.5		
			7.0		
			7.5		
			8.0	Soil Boring Terminated @ 6ft BGS	
			8.5		
			9.0		
			9.5		
			10.0		
			10.5		
			11.0		
			11.5		
			12.0		
			12.5		
			13.0		
			13.5		
			14.0		
			14.5		
			15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	A-4	01-3134-000-0330

Site Address:	Borehole Start Date:	Borehole Start Time:
1901 NW 20ST, Miami FL	31-Jan-14	13:10 ☐ AM ☑ PM
	End Date: 31-Jan-14	End Time: 13:13 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares.

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.5) Dark Brown silty topsoil (vegetation) (0.5-1) off white crushed limerock fill (1-4) Tan to off white sand with crushed limerock fill 50/50	Samples not collected
DP	N/A	D M	2.5 3.0 3.5 4.0		
DP	N/A	W S	4.5 5.0 5.5 6.0	(4-4.5) off white crushed limerock fill (4.5-5) grey to tan silty sand (5-6) Native Limestone	
			6.5 7.0 7.5 8.0	SOIL BORING TERMINATED @ 6 feet BGS.	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	A-5	01-3134-000-0330

Site Address:	Borehole Start Date: 31-Jan-14	Borehole Start Time: 13:14 ☐ AM ☑ PM
1901 NW 20 St, Miami, FL	End Date: 31-Jan-14	End Time: 13:16 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.5) Dark Brown silty topsoil (vegetation) (0.5-2) SW	Samples not collected
DP	N/A	D M W	2.5 3.0 3.5 4.0	(2-2.5) Intermittent fine grain (grey to dark grey) sand (2.5-3.5) off white to grey silty sand	
DP	N/A	S	4.5 5.0 5.5 6.0	(3.5-6) Native limestone.	
			6.5 7.0 7.5 8.0	SOIL BORING TERMINATED 6 ft BGS	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	A-6	01-3134-000-0330

Site Address:	Borehole Start Date: 31 Jan 14	Borehole Start Time: 13:17 ☐ AM ☑ PM
1901 NW 20ST Miami, FL	End Date: 31 Jan 14	End Time: 13:20 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	W/A	D	0.5	(0.0.75) Dark Brown silty topsoil (vegetation)	Samples not collected
			1.0	(0.75-1.75) Dark Brown silty top soil mixed with crushed Limerock fill	
			1.5		
			2.0	(1.75-4) SW	
DP	N/A	D	2.5		
			3.0		
		M	3.5		
			4.0		
DP	N/A	D	4.5	(4-4.5) Dark Brown to light Brown fine grain silica sand	
			5.0		
		S	5.5	(4.5-5) light Brown to tan fine grain silica Sand	
			6.0	(5-5.25) light Brown silty sand	
			6.5	(5.25-6) Native Limestone	
			7.0		
			7.5		
			8.0		
			8.5		
			9.0		
			9.5		
			10.0	SOIL BORING TERMINATED 6FT BGS.	
			10.5		
			11.0		
			11.5		
			12.0		
			12.5		
			13.0		
			13.5		
			14.0		
			14.5		
			15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	A-7	01-3134-000-0330

Site Address:	Borehole Start Date: 31-Jan-14	Borehole Start Time: 14:28 ☐ AM ☑ PM
1901 NW 20ST Miami FL	End Date: 31-Jan-14	End Time: 14:31 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares.

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 – 2.0	(Dark) Dark Brown silty top soil (1-1.25) Tan fine grain sand (1.25-1.75) Dark Brown silt	Samples not collected
DP	N/A	D	2.5 – 4.0	(1.75-2.25) clay light Brown (2.25-3.25) grey to light grey fine grain sand (3.25-4.5) SM. multicolored glas. porcelain	
DP	N/A	M D S	4.5 – 6.0	(4.5-4.75) Dark Brown fine grain sand (4.75-5) Light grey fine grain silica sand (5-6) Native Limestone.	
			6.5 – 8.0		
			8.5 – 10.0	SOIL BORING TERMINATED 10FT BGS.	
			10.5 – 12.0		
			12.5 – 14.0		
			14.5 – 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	A-8	01-3134-000-0330

Site Address:	Borehole Start Date: 20-Jan-14	Borehole Start Time: 10:10 ☑ AM ☐ PM
1901 NW 24 Ave Miami FL	End Date: 28-Jan-14	End Time: 10:15 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares.

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.5) fine grain Brown to grey sand. (0.5-0.75) Large roots. (0.75-2) Fine grain Brown to grey sand with small to medium size limestone fragments.	Samples not collected
DP	N/A	M D	2.5 3.0 3.5 4.0	(2-2.25) Dark brown fine grain sand with ≈25% rusted metal (2.25-3) Dark Brown fine grain silica sand	
DP	N/A	S	4.5 5.0 5.5 6.0	(3-4) Limerock fill - Tan to offwhite fine grain sand with large limestone fragments (4-4.5) Tan to light Brown silty sand (4.5-4) Native limestone - fine to medium grain sand with limestone fragments - (visible ooids)	
			6.5 7.0 7.5 8.0		
			8.5 9.0 9.5 10.0	SOIL BORING TERMINATED @ 6 feet BGS.	
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	A-9	01-3134-000-0330

Site Address:	Borehole Start Date: 28-Jan-14	Borehole Start Time: 10:30 ☑ AM ☐ PM
1901 NW 24 Ave Miami, FL	End Date: 28-Jan-14	End Time: 10:35 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares.

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-1.5) Grey to Dark grey fine grain sand. (1-1.5) with small lime stone fragments. (1.5-2.25) SW. Rust metal fragments. with glass shards.	Samples Not Collected.
DP	N/A	M ▽	2.5 3.0 3.5 4.0	(2.25-3) Dark Brown to Light Brown fine grain sand (Silica sand). (3-3.5) Tan silty sand (3.5-6) Native Lime stone, fine to medium grain sand with Lime stone fragments	
DP	N/A	S	4.5 5.0 5.5 6.0		
			6.5 7.0 7.5 8.0	SOIL BORING TERMINATED @ 6 feet BGS.	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	A-10	01-3134-000-0330

Site Address:	Borehole Start Date: 28-Jan-14	Borehole Start Time: 9:30 ☑ AM ☐ PM
1901 NW 24 Ave Miami FL	End Date: 28-Jan-14	End Time: 9:35 ☐ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.5) Dark Brown to grey fine grain sand (small Roots (0.5-0.75) Limerock fill. fine grain off white sand with large limestone fragments. (0.75-2) SW - Rusty metal & 70% glass fragments	samples not collected
DP	N/A	M	2.5 3.0 3.5 4.0	(2-3.25) Light Brown to Brown fine grain sand silica (3.25-3.5) Tan silty sand (3.5-6) Native Limestone, fine to medium grain	↓
DP	N/A	S	4.5 5.0 5.5 6.0	tan sand with limestone fragments. (visible ooids)	
			6.5 7.0 7.5 8.0	SOIL BORING TERMINATED @ 6 Feet BGS.	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	A-11	01-3134-000-0330

Site Address:	Borehole Start Date: 28-Jan-14	Borehole Start Time: 13:45 ☐ AM ☑ PM
1901 NW 24 AVE Miami FL	End Date: 28-Jan-14	End Time: 13:50 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares.

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.5) Dark Brown sandy topsoil (vegetation) (0.5-1.25') off white to tan Limerock fill (1.25-3) Dark Brown to Light Brown to tan fine grain silica sand	Samples not collected.
DP	N/A	M D S	2.5 3.0 3.5 4.0	(3-3.5) Light Brown to tan silty Sand (3.5-6) Native Limestone - fine to medium grain tan to off white Sand with Limestone fragments (visible oolds)	↓
DP	N/A	S	4.5 5.0 5.5 6.0		
			6.5 7.0 7.5 8.0	SOIL BORING TERMINATED @ 6 feet BGS.	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	A-13	01-3134-000-0330

Site Address:	Borehole Start Date: 3-Feb-14	Borehole Start Time: 13:02 ☐ AM ☑ PM
1901 NW 20 ST. Miami, FL	End Date: 3-Feb-14	End Time: 13:07 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Ballardares.

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
				(0-0.5)	
DP	N/A	D	0.5	Light Brown silty top soil.	Samples not collected
			1.0	(0.5-1.5) Crushed lime Rock fill.	
			1.5	(1.5-2) silty top soil.	
			2.0	(2-4) Tan fine grain silica sand	
DP	N/A	M	2.5	(4-6) Tan to off white Native limestone.	
			3.0		
			3.5		
			4.0		
DP	N/A	S	4.5		
			5.0		
			5.5		
			6.0		
			6.5		
			7.0		
			7.5		
			8.0	SOIL BORING TERMINATED 8FT BGS	
			8.5		
			9.0		
			9.5		
			10.0		
			10.5		
			11.0		
			11.5		
			12.0		
			12.5		
			13.0		
			13.5		
			14.0		
			14.5		
			15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	A-14	01-3134-000-0330

Site Address:	Borehole Start Date: 3-Feb-14	Borehole Start Time: 12:52 ☐ AM ☒ PM
1901 NW 20ST. Miami, FL	End Date: 3-Feb-14	End Time: 13:00 ☐ AM ☒ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Ballades.

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5	(0-0.75) Dark Brown to Black sandy topsoil (Vegetation)	Samples not collected
			1.0		
			1.5	(0.75-1.5) Dark grey to off white crushed limerock fill.	
			2.0		
DP	N/A	M	2.5	(1.5-2.25) Light grey silt/clay.	
			3.0	(2.25-3.75) Grey to light grey fine grain silica sand	
			3.5		
		D	4.0	(3.75-6) Tan to offwhite Native limestone.	
DP	N/A	S	4.5		
			5.0		
			5.5		
			6.0		
			6.5		
			7.0		
			7.5	SOIL BORING.	
			8.0	Terminated @ 6 feet BGS.	
			8.5		
			9.0		
			9.5		
			10.0		
			10.5		
			11.0		
			11.5		
			12.0		
			12.5		
			13.0		
			13.5		
			14.0		
			14.5		
			15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	A-15	01-3134-000-0330

Site Address:	Borehole Start Date: 3-Feb-14	Borehole Start Time: 12:42 ☐ AM ☑ PM
1901 NW 70 ST, Miami, FL	End Date: 3-Feb-14	End Time: 12:48 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.5) Light grey sandy topsoil (vegetation) (0.5-1) Dark Brown silty topsoil (1-4) Tan to off white crushed limerock fill Brick fragment @ 3 feet BGS.	Samples not collected
DP	N/A	M ▽	2.5 3.0 3.5 4.0	(4-5) Dark grey silty sand.	
DP	N/A	S	4.5 5.0 5.5 6.0	(5-6) Tan to off white Native Limestone.	
			6.5 7.0 7.5 8.0	Soil Boring terminated @ 8 feet BGS	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	A-16	01-3134-000-0330

Site Address:	Borehole Start Date: 3-Feb-14	Borehole Start Time: 12:30 ☐ AM ☑ PM
1901 NW 20ST Miami, FL	End Date: 3-Feb-14	End Time: 12:40 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5	(0-0.75) Dark Brown silty topsoil (vegetation)	Samples not collected
			1.0	(0.75-1) Tan to off white crushed limerock fill	
			1.5	(1-1.25) SW.	
			2.0	(1.25-1.75) tan to off white crushed limerock fill	
DP	N/A	M	2.5	(1.75-2) SW	
			3.0	(2-2.5) tan to off white crushed limerock fill	
			3.5	(2.5-3) SW	
			4.0	(3-4.5) tan to orangish tan limerock fill	
DP	N/A	D	4.5	(4.5-5) Dark grey silty sand	
		S	5.0	(5-7) Native limestone	
			5.5		
			6.0		
			6.5		
			7.0		
			7.5		
			8.0	SOIL BORING TERMINATED 7 FT BGS	
			8.5		
			9.0		
			9.5		
			10.0		
			10.5		
			11.0		
			11.5		
			12.0		
			12.5		
			13.0		
			13.5		
			14.0		
			14.5		
			15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	A-17	01-3134-000-0330

Site Address:	Borehole Start Date: 3-Feb-14	Borehole Start Time: 11:38 ☐ AM ☐ PM
1901 NW 20 St Miami, FL	End Date: 3 Feb. 14	End Time: 11:41 ☐ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.5) Dark Brown sandy topsoil with small limestone fragments (vegetation (0.5-4) Dark Brown Sandy topsoil	Samples not Collected
DP	N/A	D M	2.5 3.0 3.5 4.0	(4-5.5) SW - Rusty metals with glass and porcelain fragments.	
DP	N/A	M S	4.5 5.0 5.5 6.0	(5.5-6) Dark grey Silty sand	
DP	N/A	S	6.5 7.0 7.5 8.0	(6-8) muck- with roots.	
DP	N/A	S	8.5 9.0 9.5 10.0	(8-9.5) Light grey silty sand (9.5-11) Light grey to grey silt/clay.	
DP	N/A	S	10.5 11.0 11.5 12.0	SOIL BORING TERMINATED 11 Feet BGS	
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	A-18	01-3134-000-0330

Site Address:	Borehole Start Date: 3-Feb-14	Borehole Start Time: 11:28 ☑ AM ☐ PM
1901 NW 20ST, Miami, FL	End Date: 3-Feb-14	End Time: 11:35 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-1.5) Dark Brown to grey sandy top soil (1.5-6) Crushed limerock fill - tan/to grey with concrete/fragments.	Samples not collected
DP	N/A	D	2.5 3.0 3.5 4.0		
DP	N/A	M	4.5 5.0 5.5 6.0	(6-8) Dark grey silty sand with limestone fragments.	
DP	N/A	M ▽	6.5 7.0 7.5 8.0	(8-11) Muck - strong sulfur odor.	
DP	N/A	S	8.5 9.0 9.5 10.0		
DP	N/A	S	10.5 11.0 11.5 12.0	SOIL BORING TERMINATED @ 11 Feet BGS.	
			12.5 13.0 13.5 14.0	Lower elevation.	
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	A-19	01-3134-000-0330

Site Address:	Borehole Start Date:	Borehole Start Time:
1901 NW 20 ST, Miami FL	3-Feb 14	13:38 ☐ AM ☑ PM
	End Date: 3-Feb 14	End Time: 13:42 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Baladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.5) Dark Brown silty topsoil (vegetation) (0.5-4) Dark Brown sandy topsoil mixed with crushed limerock fill	Samples not collected.
DP	N/A	M S	2.5 3.0 3.5 4.0	(4-4.5) Light Brown silty/clay	
DP	N/A	S	4.5 5.0 5.5 6.0	(4.5-6) Tan to off white Native limestone.	
			6.5 7.0 7.5 8.0	SOIL BORING TERMINATED 6 Feet BGS	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS

SOIL BORING

LOGS

"B"

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	B-1	01-3134-000-0330

Site Address:	Borehole Start Date:	Borehole Start Time:	
1901 NW 20ST, Miami FL	31-Jan-14	13:38	☐ AM ☑ PM
	End Date: 31-Jan-14	End Time: 13:42	☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.25) Dark Brown silty top soil (vegetation) (0.25-1) off white crushed limerock fill (1-4) SW	samples not collected
DP	N/A	M	2.5 3.0 3.5 4.0	ash @ 2-2.5, ash 3.5-4	
DP	N/A	S	4.5 5.0 5.5 6.0	4-5 Dark Brown to Brown fine grain silica sand (some shells) (5-5.5) Dark grey to Brown silty sand (5.5-6) Native Limestone	
			6.5 7.0 7.5 8.0		
			8.5 9.0 9.5 10.0	SOIL BORING TERMINATED 6 FT BGS.	
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name: Curtis Park	Sample Location ID: B-2	Miami-Dade County Folio Number: 01-3134-000-0330
Site Address: 1901 NW 20 ST, Miami, FL	Borehole Start Date: 31-Jan-14 End Date: 31-Jan-14	Borehole Start Time: 13:44 ☐ AM ☑ PM End Time: 13:47 ☐ AM ☑ PM
Environmental Contractor: SCS ES Consultants	Geologist's Name: Maria Pages	Environmental Technician's Name: David Balladares
Drilling Contractor / Method(s): JAEE / GeoProbe	Borehole Diameter (inches): 3	Diposition of Drill Cuttings: Drum
Borehole Completion: Fine Grain Sand		

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5	(0-0.5) Dark Brown silty topsoil (vegetation)	Samples not collected
			1.0	(0.5-1) Dark Brown silty topsoil mixed with crushed limerock	
			1.5		
			2.0	(1-2.5) SW. porcelaine, Brick.	
DP	N/A	M D	2.5	(2.5-2.75) Tan fine grain sand	
			3.0		
			3.5	(2.75-3) concrete fragments.	
			4.0	(3-3.25) mulch	
DP	N/A	S	4.5	(3.25-4) Dark grey to tan silty sand	
			5.0	(4-6) Native Lime stone.	
			5.5		
			6.0	(visible ooids)	
			6.5		
			7.0		
			7.5		
			8.0		
			8.5		
			9.0		
			9.5		
			10.0	SOIL BORING TERMINATED @ 6 FT BGS.	
			10.5		
			11.0		
			11.5		
			12.0		
			12.5		
			13.0		
			13.5		
			14.0		
			14.5		
			15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	B-4	01-3134-000-0330

Site Address:	Borehole Start Date:	Borehole Start Time:	End Time:
1901 NW 20 ST, Miami FL	31-Jan-14	13:30 ☐ AM ☑ PM	13:35 ☐ AM ☑ PM
	End Date: 31-Jan-14		

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.25) Dark Brown silty topsoil (vegetation) (0.25-2.5) Dark Brown silty topsoil mixed with crushed Limerok fill 50/50	Samples not collected
DP	N/A	M	2.5 3.0 3.5 4.0	(2.5-3) Muck (3-4) Tan fine grain silty sand (4-4) Native Limestone	↓
DP	N/A	✓ S.	4.5 5.0 5.5 6.0		
			6.5 7.0 7.5 8.0		
			8.5 9.0 9.5 10.0	SOIL BORING TERMINATED 6 ft BGS.	
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	D-5	01-3134-000-0330

Site Address:	Borehole Start Date: 31-Jan-14	Borehole Start Time: 13:25 ☐ AM ☑ PM
1901 NW 20 ST Miami, FL	End Date: 31-Jan-14	End Time: 13:27 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares.

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-2) Tan to light grey fine grain silica sand (former volleyball court)	Samples not collected
DP	N/A	M W	2.5 3.0 3.5 4.0	(2-2.5) Dark grey silty sand (2.5-3.75) SW (3.75-5) Dark grey to tan silty sand	
DP	N/A	S	4.5 5.0 5.5 6.0	(5-6) Native limestone.	
			6.5 7.0 7.5 8.0	SOIL BORING TERMINATED 6 feet BGS.	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	B-6	01-3134-000-0330

Site Address:	Borehole Start Date: 31-Jan-14	Borehole Start Time: 13:20 ☐ AM ☑ PM
1901 NW 20 ST Miami FL	End Date: 31-Jan-14	End Time: 13:23 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares.

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-1) Dark Brown to Brown. Silty topsoil (1-1.5) off white crushed Limerock fill with Brown silty top soil (1.5-4) SW - Rusty netels & glass shards.	Samples not collected
DP	N/A	D M	2.5 3.0 3.5 4.0		
DP	N/A	D S	4.5 5.0 5.5 6.0	(4-4.5) off white to Brown intermitted fine grain silica sand (4.5-5.5) off white to tan silty Sand. (5.5-6) Native limestone	
			6.5 7.0 7.5 8.0		
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	B-7	01-3134-000-0330

Site Address:	Borehole Start Date: 31-Jan-14	Borehole Start Time: 14:32 ☐ AM ☑ PM
1901 NW 20ST Miami, FL	End Date: 31-Jan-14	End Time: 14:35 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares.

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5	(0-0.75) Dark Brown silty sandy topsoil	Samples not collected
			1.0	(0.75-1) SW	
			1.5	(1-3) Light grey/grey crushed limerock fill.	
			2.0		
DP	N/A	D	2.5	(3-4.25) SW - rusty metals/glass shards.	
			3.0	(4.25-4.5) Muck. ash @ 4-4.25	
			3.5		
		M	4.0	(4.5-5.5) Light grey to grey fine grain silica sand	
DP	N/A	~~D~~ W	4.5		
			5.0	(5.5-6) Native Limestone.	
			5.5		
			6.0		
			6.5		
			7.0		
			7.5		
			8.0		
			8.5		
			9.0		
			9.5		
			10.0	SOIL BORING TERMINATED 16FT BGS.	
			10.5		
			11.0		
			11.5		
			12.0		
			12.5		
			13.0		
			13.5		
			14.0		
			14.5		
			15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	B-8	01-3134-000-0330

Site Address:	Borehole Start Date: 28 Jan 14	Borehole Start Time: 9:50 ☑ AM ☐ PM
1901 NW 24 Ave Miami FL	End Date: 28 Jan 14	End Time: 9:53 ☐ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.5) Light grey fine grain sand (0.5-1.25) grey to dark grey fine grain sand (1.25-1.5) Dark grey to brown fine grain sand with small limestone fragments.	samples not collected
DP	N/A	D M W	2.5 3.0 3.5 4.0	(1.5-2) Lime rock fill. off white fine grain sand with large limestone fragments. (2-3) SW. Rusty metal and glass fragments. (3-4) Light Brown to brown fine grain silica sand	↓
DP	N/A	S	4.5 5.0 5.5 6.0	(4-4.5) Brown to Light grey silty sand (4.5-6) Native limestone, fine to medium to coarse grain sand with limestone fragments. (visible oolds)	↓
			6.5 7.0 7.5 8.0	Soil Boring terminated @ 6 ft BGS.	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	B-9	01-3134-000-0330

Site Address:	Borehole Start Date: 28-Jan-14	Borehole Start Time: 10:20 ☑ AM ☐ PM
1901 NW 24 Ave Miami, FL	End Date: 28-Jan-14	End Time: 10:25 ☐ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares.

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.25) Rubber matting. (0.25-0.5) Rubber mulch (0.5-1.0) Concrete (1-2) Light grey to light Brown fine grain sand	Samples not collected
DP	N/A	D	2.5 3.0 3.5 4.0	(2-2.25) SW. Rusty metal fragments. (2-2.25) ~~(2.25-3.75)~~ (2.25-2.5) Limrock fill Tan medium to MF course grain sand with large limestone frag. (2.5-3.75) SW. Rusty metal. glass shards, Brick (Red fragments.	
DP	N/A	M D S	4.5 5.0 5.5 6.0	(3.75-5) Tan to Brown silty sand with small limestone fragments. (5-5.5) Tan silty sand	
			6.5 7.0 7.5 8.0	(5.5-6) Native Limestone. Tan fine to medium grain sand with small to medium size limestone fragments	
			8.5 9.0 9.5 10.0	Soil Boring Terminated @ 6 feet BGS.	
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	B-10	01-3134-000-0330

Site Address:	Borehole Start Date: 28 Jan 14	Borehole Start Time: 9:15 ☑ AM ☐ PM
1901 NW 24 Ave Miami, FL	End Date: 28 Jan 14	End Time: 9:25 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-1.5) Grey to Dark grey fine grain sand with small limestone fragments. Larger LS fragments between (1-1.5) (1.5-1.75) Red Brick	samples not collected
DP	N/A	M W	2.5 3.0 3.5 4.0	(1.75-2.25) SW - Rusty metals small glass fragments. (2.25-2.75) Dark Brown fine grain sand (2.75-3) Brown to Light Brown fine grain Sand	
DP	N/A	S	4.5 5.0 5.5 6.0	(3-3.25) Light Brown Silty Sand (3.25-6) Native Limestone, tan to offwhite fine to medium grain sand with limestone fragments. Visible ooids	
			6.5 7.0 7.5 8.0	Soil Boring terminated @ 6 feet BGS.	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	B-11	01-3134-000-0330

Site Address:	Borehole Start Date: 28 Jan 14 / End Date: 28 Jan 14	Borehole Start Time: ☐ AM ☐ PM / End Time: ☐ AM ☐ PM
1901 NW 24 Ave Miami FL		

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.5) fine grain light grey sand (0.5-1.5) Tan fine grain sand with small limestone fragments (tree roots at 1.25) (1.5-2.0) SW - rusty metal / glass fragments.	Samples not collected
DP	N/A	M ▽	2.5 3.0 3.5 4.0	(2.5-3) Roots. (3-3.25) Light Brown fine grain sand (3.25-3.5) Roots. (3.5-3.75) tan to Brown silty sand	
DP	N/A	S	4.5 5.0 5.5 6.0	(3.75-6) Native Limestone, tan fine to medium grain sand with limestone fragments (visible ooids	
			6.5 7.0 7.5 8.0	Soil Boring Terminated @ 6 feet BGS.	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	B-12	01-3134-000-0330

Site Address:	Borehole Start Date: 28 Jan 2014	Borehole Start Time: 13:35 ☐ AM ☑ PM
1901 NW 20 ST Miami, FL	End Date: 28 Jan 2014	End Time: 13:40 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.75) Dark Brown silty top soil (vegetation) (0.75-2.5) Solid Waste - Rusty metals & glass shards small limestone fragments (<10%)	samples not collected
DP	N/A	M ▽ S	2.5 3.0 3.5 4.0	(2.5-2.75) Off white to tan silty sand (2.75-6) Native Limestone, fine to medium (tan to offwhite) grain sand with limestone fragments. (visible oolds	
DP	N/A	S	4.5 5.0 5.5 6.0		
			6.5 7.0 7.5 8.0	SOIL BORING TERMINATED @ 6 feet BGS.	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	B-13	01-3134-000-0330

Site Address:	Borehole Start Date: 28-Jan-14	Borehole Start Time: 13:25 ☐ AM ☑ PM
1901 NW 24th Ave Miami, FL	End Date: 28-Jan-14	End Time: 13:30 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares.

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.5) Dark Brown silty topsoil (0.5-1) off white to tan lime Rock fill (1-1.5) Light grey silty lime rock fill (1.5-3) Light grey to tan silty sand	Samples not collected
DP	N/A	M	2.5 3.0 3.5 4.0	(3-6) Native Limestone, tan to offwhite fine to medium grains sand with limestone fragments (visible ooids)	
DP	N/A	S	4.5 5.0 5.5 6.0		
			6.5 7.0 7.5 8.0	SOIL BORING TERMINATED @ 6 feet BGS.	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	B-14	01-3134-000-0330

Site Address:	Borehole Start Date: 3-Feb-14	Borehole Start Time: 13:12 ☐ AM ☑ PM
1901 NW 70 ST Miami, FL	End Date: 3-Feb-14	End Time: 13:15 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares.

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.75) Brown sandy topsoil (vegetation) (0.75-2.25) light grey of white sandy limerock fill	Samples not collected
DP	N/A	M D	2.5 3.0 3.5 4.0	(2.25-3) Mustard / greenish clay with 2 large chunks of slag @ 2.5-3 (3-4) off white crushed limerock fill	
DP	N/A	S	4.5 5.0 5.5 6.0	(4-5.5) Light grey to grey fine grained silica sand (5.5-6) off white to tan Native limestone	
			6.5 7.0 7.5 8.0	Soil Boring terminated @ 6 feet BGS.	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	B-15	01-3134-000-0330

Site Address:	Borehole Start Date: 3-Feb-14	Borehole Start Time: 10:40 ☑ AM ☐ PM
1901 NW 20ST, Miami FL	End Date: 3-Feb-14	End Time: 10:50 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	W/A	D	0.5 1.0 1.5 2.0	(0-0.5) Dark Brown silty topsoil (vegetation) (0.5-2) Grey Sandy crushed limerock fill (2-3.5) Off white and light grey intermitten layers of silt/clay	Samples not collected
DP	N/A	M	2.5 3.0 3.5 4.0	(3.5-3.75) Tan silica sand fine graine. (3.75-4.5) Intermitten fine layers of light grey, grey and Brown silt (layers between <0.1mm to ~2 to 3 mm	
DP	N/A	▽ S	4.5 5.0 5.5 6.0	(4.5-5) Muck (5-5.25) Light grey to brown silty sand (5.25-7) Tan to oragish tan Native Limestone.	
DP	N/A	S	6.5 7.0 7.5 8.0	SOIL BORING TERMINATED @ 7 feet BGS	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	B-16	01-3134-000-0330

Site Address:	Borehole Start Date: 3 Feb 14	Borehole Start Time: 10:52 ☑ AM ☐ PM
1901 NW 20 ST, Miami, FL	End Date: 3 Feb 14.	End Time: 10:55 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.75) Dark Brown sandy topsoil (0.75-D Light Brown fine grain sand (1-4) light grey - grey intermitten layers silt	Samples not collected
DP	N/A	M M S	2.5 3.0 3.5 4.0		
DP	N/A	S	4.5 5.0 5.5 6.0	(4-4.25) Dark Brown fines (muck) (4.25-5) Tan/orangish tan silty sand (5-6) Tan to off white Native limestone.	
			6.5 7.0 7.5 8.0	Soil Boring terminated @ 6 FT BGS.	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	B-17	01-3134-000-0330

Site Address:	Borehole Start Date: 3-Feb-14	Borehole Start Time: 10:58 ☑ AM ☐ PM
19801 NW 20ST Miami, FL	End Date: 3-Feb-14	End Time: 11:01 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.5) Dark Brown silty topsoil (vegetation) (0.5-2) Dark grey sandy topsoil with crushed limerock fill with SW ~30% rusty metal / large glass shards.	Samples not collected
DP	N/A	D	2.5 3.0 3.5 4.0	(2-4) SW - rusty metal / glass shards, porcelain tile	
DP	N/A	D	4.5 5.0 5.5 6.0		
DP	N/A	M D S	6.5 7.0 7.5 8.0	(6-7) Dark Brown to grey silica sand. (7-8) Grey to light grey. silty sand	
DP	N/A	S	8.5 9.0 9.5 10.0	(8-9) Tan to offwhite Native Limestone (visible oolds) SOIL BORING TERMINATED @ 9 Feet BGS.	
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0	Top of the Pool area mound. Highest Elevation.	
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	B-18.	01-3134-000-0330

Site Address:	Borehole Start Date: 3-Feb-14	Borehole Start Time: 11:12 ☑ AM ☐ PM
190 NW 20 St, Miami, FL	End Date: 3-Feb-14.	End Time: 11:20 ☐ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Ballades.

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5	(0-0.75) Light grey/Brown fine grain sandy topsoil (Vegetation).	Samples not collected
			1.0		
			1.5	(0.75-1) Light Brown Limerock fill	
			2.0	(1-3.5) Tan to off white fine grain Silica Sand with some small limestone fragments.	
DP	N/A	D	2.5		
			3.0		
			3.5	(3.5-5) tan to grey/light Brown fine grain Sand with medium limestone fragments.	
			4.0		
DP	N/A	M	4.5		
			5.0	(5-6) Tan to light grey silty sand	
			5.5		
			6.0	(6-9) Tan to off white native Limestone	
DP	N/A	W	6.5		
			7.0		
		S	7.5		
			8.0		
DP	NA	S	8.5		
			9.0		
			9.5		
			10.0	SOIL BORING TERMINATED @ 9 feet BGS.	
			10.5		
			11.0		
			11.5		
			12.0		
			12.5		
			13.0		
			13.5		
			14.0		
			14.5		
			15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	B-19	01-3134-000-0330

Site Address:	Borehole Start Date:	Borehole Start Time:
1901 NW 20 ST Miami, FL	3 Feb 14	13:45 ☐ AM ☑ PM
	End Date: 3 Feb 14	End Time: 13:48 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares.

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-1) Dark Brown silty topsoil with some small limestone fragments (1-2) Dark Brown silty topsoil mixed with off white to tan crushed limerock	Samples not collected
DP	N/A	M W	2.5 3.0 3.5 4.0	(2-4) tan to off white crushed Limerock (4-5) Brown to light Brown intermitter layers of silt/clay.	
DP	N/A	S	4.5 5.0 5.5 6.0	(5-5.5) Dark grey to grey fine grain silica sand (5.5-6) Tan to off white Native Limestone.	
			6.5 7.0 7.5 8.0		
			8.5 9.0 9.5 10.0	SOIL BORING TERMINATED @ 6 feet BGS	
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS

SOIL BORING

LOGS

"C"

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	C-1	01-3134-000-0330

Site Address:	Borehole Start Date: 31-Jan-14	Borehole Start Time: 13:34 ☐ AM ☐ PM
1901 NW 20ST Miami, FL	End Date: 31-Jan-14	End Time: 13:37 ☐ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.5) Dark Brown silty topsoil (vegetation) (0.5-1.5) Off White crushed Limerock fill (1.5-3.5) SW reddish fines with rusty metal fragments and glass shards.	Samples not collected
DP	N/A	M D	2.5 3.0 3.5 4.0	(3.5-4.5) Light Brown to Brown fine grain Silica Sand	
DP	N/A	D	4.5 5.0 5.5 6.0	(4.5-6) Native Limestone, visible voids	
			6.5 7.0 7.5 8.0		
			8.5 9.0 9.5 10.0	SOIL BORING TERMINATED 6 FT BGS.	
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	C-2	01-3134-000-0330

Site Address:	Borehole Start Date: 31-Jan-14	Borehole Start Time: 13:49 ☐ AM ☑ PM
1901 NW 20 ST, Miami FL	End Date: 31-Jan-14	End Time: 13:58 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares.

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 – 1.0 – 1.5 – 2.0	(0-0.5) Dark Brown silty top soil (vegetation) (0.5-1) Grey sandy top soil mixed with crushed limerock) (1-1.5) Light grey sandy topsoil mixed w/crushed limerock (some glass @ 1.3)	Sampler not collected
DP	N/A	D M W	2.5 – 3.0 – 3.5 – 4.0	(1.5-3.5) SW - rusty metals & glass shards. (3.5-4) much Dark Brown.	
DP	N/A	S	4.5 – 5.0 – 5.5 – 6.0	(4.5) Tan fine grain silty sand (5-6) Native limestone, visible oolds.	
			6.5 – 7.0 – 7.5 – 8.0		
			8.5 – 9.0 – 9.5 – 10.0	SOIL BORING TERMINATED 6 FT BGS.	
			10.5 – 11.0 – 11.5 – 12.0		
			12.5 – 13.0 – 13.5 – 14.0		
			14.5 – 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	C-4	01-3134-000-0330

Site Address:	Borehole Start Date:	Borehole Start Time:
1901 NW 20ST Miami FL	31-Jan-14	13:55 ☐ AM ☑ PM
	End Date: 31-Jan-14	End Time: 13:58 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.5) Dark Brown silty topsoil (vegetation) (0.5-1) Brown silt (1-2.5) Dark Brown silty topsoil mixed w/ crushed lime rock fill	Samples not Collected
DP	N/A	D M ↓	2.5 3.0 3.5 4.0	(2.5-3) SW - ash and Rusty metals. (3-3.5) Intermitten - grey and dark grey fine grain sand	↓
DP.	N/A	S	4.5 5.0 5.5 6.0	(3.5-4) Light grey silty sand (4-6) native limestone. (visible oolds)	
			6.5 7.0 7.5 8.0		
			8.5 9.0 9.5 10.0	SOIL BORING TERMINATED 6 FT BGS.	
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	C-5	01-3134-000-0330

Site Address:	Borehole Start Date: 31-Jan-14	Borehole Start Time: 13:56 ☐ AM ☑ PM
1901 NW 20 ST, Miami FL	End Date: 31-Jan-14	End Time: 13:58 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	~~Dar~~ (0-1.25) Dark Brown silty topsoil (vegetation) (1.25-3) Dark Brown silty topsoil mixed with crushed Limerock fill	samples not collected
DP	N/A	M	2.5 3.0 3.5 4.0	(3-4.5) SW. @ ash (4-4.25) - rusty metals & glass shards.	
DP	N/A	W S	4.5 5.0 5.5 6.0	(4.5-5.5) Light grey to dark grey fine grain silica sand (5.5-6) Native Limestone	
			6.5 7.0 7.5 8.0		
			8.5 9.0 9.5 10.0	Soil Boring Terminated @ 6 feet BGS	
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	C-6	01-3134-000-0330

Site Address:	Borehole Start Date: 31-Jan-14	Borehole Start Time: 14:05 ☐ AM ☑ PM
1901 NW 20ST Miami FL	End Date: 31-Jan-14	End Time: 14:08 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	Daria Balladares.

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.5) Dark Brown silty topsoil (vegetation) (0.5-1) Off white crushed limerock fill (1-1.5) Dark Brown silty sand (1.5-3.5) SW- rusty metals & glass shards.	Samples not collected
DP	N/A	D M	2.5 3.0 3.5 4.0	(3.5-3.75) Dark Brown silt (3.75-5) Grey to Dark grey fine grain Silica sand	
DP,	N/A	▽ S	4.5 5.0 5.5 6.0	(5-5.25) Tan silty sand (5.25-6) Native Limestone	
			6.5 7.0 7.5 8.0		
			8.5 9.0 9.5 10.0	SOIL BORING TERMINATED @ 6 FT BGS.	
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	C-7	01-3134-000-0330

Site Address:	Borehole Start Date: 31-Jan-14	Borehole Start Time: 14:22 ☐ AM ☑ PM
1901 NW 20ST Miami, FL	End Date: 31-Jan-14	End Time: 14:25 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5	(0-0.5) Dark Brown silty topsoil	Samples not collected
			1.0	(0.5-1) Dark Brown silty topsoil mixed with crushed limerock fill	
			1.5		
			2.0	(1-3) SW. Rusty metals & fused glass shards.	
DP	N/A	M	2.5		
			3.0		
			3.5	(3-3.5) Dark Brown silty sand	
			4.0	(3.5-4) Grey to light grey fine grain sand	
DP	N/A	D S	4.5	(4-7) Native Limestone - visible ooids.	
			5.0	off white to tan.	
			5.5		
			6.0		
DP	N/A		6.5		
			7.0		
			7.5		
			8.0	SOIL BORING TERMINATED 7 FT BGS.	
			8.5		
			9.0		
			9.5		
			10.0		
			10.5		
			11.0		
			11.5		
			12.0		
			12.5		
			13.0		
			13.5		
			14.0		
			14.5		
			15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	C-8	01-3134-000-0330

Site Address:	Borehole Start Date: 28 Jan 14	Borehole Start Time: 10:00 ☐ AM ☐ PM
1901 NW 24 Ave Miami FL	End Date: 28 Jan 14	End Time: 10:05 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5	(0-0.75) fine grain grey sand	Samples not collected
			1.0	(0.75-1) Grey fine grain sand with medium Limestone fragments.	
			1.5		
			2.0	(1-1.5) SW. Rusty metal / glass shards.	
DP	N/A	M	2.5	(1.5-2.25) Dark Brown fine grain silty sand	
			3.0	(2.5-3) Tan to Light Brown silty Sand with small Limestone fragments.	
			3.5		
		M	4.0	(3-6) Native Limestone, tan to off white fine to medium	
DP	N/A	S	4.5	grain sand with Limestone fragments. (visible oords)	
			5.0		
			5.5		
			6.0		
			6.5	Soil Borings terminated at 6 Feet BGS.	
			7.0		
			7.5		
			8.0		
			8.5		
			9.0		
			9.5		
			10.0		
			10.5		
			11.0		
			11.5		
			12.0		
			12.5		
			13.0		
			13.5		
			14.0		
			14.5		
			15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	C-9	01-3134-000-0330

Site Address:	Borehole Start Date: 28 · Jan · 14	Borehole Start Time: 9:40 ☐ AM ☐ PM
1901 NW 24 Ave Miami FL	End Date: 28 · Jan · 14	End Time: 9:45 ☐ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares.

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.5) Dark brown fine grain sand (0.5-1.25) Dark Brown to Light Brown fine grain sand with some small limestone fragments. (1.25-2.5) SW · Rusty metal / glass shards. (ash @ 2.25-2.5')	Samples not Collected
DP	N/A	M W	2.5 3.0 3.5 4.0	(2.5-3.75) Light Brown to Brown fine grain silica Sand (3.75)-4) Brown silty sand (4-4) Native limestone. Gray to off white fine to medium grain sand with limestone fragments. (visible oolds)	
DP	N/A	S	4.5 5.0 5.5 6.0		
			6.5 7.0 7.5 8.0	Soil Boring Terminated @ 6 feet BGS.	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	C-10	01-3134-000-0330

Site Address:	Borehole Start Date: 28 Jan 14	Borehole Start Time: 8:55 ☑ AM ☐ PM
1901 NW 24 Ave Miami FL	End Date 28 Jan 14	End Time: 9:20 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-1) Fine grain grey to Brown fine grain sand with small limestone fragments (1-1.5) Light Brown fine grain sand (1.5-1.75) fine grain dark Brown sand.	Samples not collected
DP	N/A	M ▽	2.5 3.0 3.5 4.0	(1.75-2) Roots (2-2.25) Dark Brown fine grain sand with <10% SW (2.25-3) SW - rusty metal + glass shards @ 2.75-3 ash (3-4.5) Brown to dark brown fine grain sand	
DP	N/A	S	4.5 5.0 5.5 6.0	(4.5-4.75) Light Brown Silty sand. (4.75-6) Native limestone, tan to off white fine grain sand with limestone fragments.	
			6.5 7.0 7.5 8.0	Soil Boring terminated @ 6 feet BGS	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

C-10 - Refusal at 0.5 - concrete. first location. relocated SB 4 feet West

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	C-11	01-3134-000-0330

Site Address:	Borehole Start Date: 28 Jan 14	Borehole Start Time: 8:45 ☑ AM ☐ PM
1901 NW 24 Ave Miami FL	End Date: 28 Jan 14	End Time: 8:50 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladeres

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.75) Light grey to grey fine grain sand (0.75-2) Limerock fill, fine to med sand (tan) with large limestone fragments. (0.75-1) with some metal/glass frag <10%	Samples not collected
DP	N/A	M D	2.5 3.0 3.5 4.0	(2-2.5) fine grain Dark brown sand (2.5-3.75) Tan to Brown fine grain sand (3.75-4) Tan to brown silty sand	
DP	N/A	S.	4.5 5.0 5.5 6.0	(4-6) Native Limestone, tan to off white fine grain to medium grain sand with limestone fragments. (visible oolds)	
			6.5 7.0 7.5 8.0	SOIL BORING TERMINATED at @ 4 feet BGS	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	C-12	01-3134-000-0330

Site Address:	Borehole Start Date: 28 Jan 2014	Borehole Start Time: 8:35 ☑ AM ☐ PM
1901 NW 24 Ave Miami, FL	End Date: 28 Jan 2014	End Time: 8:40 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Banadares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.5) Light grey to grey fine grain sand (0.5-1) Light tan fine grain sand with medium Limestone frag ~~(0.5-1)~~ MP (1-2) tan fine grain sand	samples not collected
DP	N/A	M ▽	2.5 3.0 3.5 4.0	(2-3) Muck - Dark Brown silty sand (3-4) Tan to Light Brown fine grain sand (4-4.5) Tan silty sand. (4.5-6) Native Limestone, fine to medium grain sand	
DP	N/A	S	4.5 5.0 5.5 6.0	with Lime stone fragments. (visible oolds)	
			6.5 7.0 7.5 8.0	SOIL BORING TERMINATED @ 6 feet BGS	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	C-13	01-3134-000-0330

Site Address:	Borehole Start Date: 27-Jan-14	Borehole Start Time: 9:20 ☑ AM ☐ PM
1901 NW 24 AVE, MIAMI, FL	End Date: 27-Jan-14	End Time: 9:25 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.1)- vegetation/grass. (0.1-0.25): Baseball field clay 0.25-1) Grey fine grain silica Sand (1-2) sandy limerock fill. Grey fine grain sand with medium to large limestone fragments.	samples not collected
DP	N/A	D	2.5 3.0 3.5 4.0	100% solid waste (2-4) metals, rusted metals. glass shards (4-4.5)	
DP	N/A	M W S	4.5 5.0 5.5 6.0	Dark grey to grey silty sand. Grey fine grain sand (4.5-5) Tan to Beige Native limestone, fine to medium grain sand with limestone fragments (5-6)	
			6.5 7.0 7.5 8.0	Terminated @ 6 ft.	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	C-14	01-3134-000-0330

Site Address:	Borehole Start Date: 3-Feb-2014	Borehole Start Time: 10:00 ☑ AM ☐ PM
1901 NW 20 ST Miami, FL	End Date: 3-Feb-2014	End Time: 10:04 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Dalladaras

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5	(0-0.5) Dark Brown Sandy topsoil	Samples not collected.
			1.0	(0.5-1) Tan to off white crushed limerock fill	
			1.5	(1-2) Tan fine grain silica sand.	
			2.0	(2-2.5) Tan silt.	
PP	N/A	M V S	2.5	(2.5-2.75) Muck Dark Brown fines with small limestone fragments.	
			3.0		
			3.5	(2.75-6) Grey to light grey fine grain silica sand	
			4.0		
DP	N/A	S	4.5		
			5.0		
			5.5		
			6.0		
DP	N/A	S	6.5	(6-7) Native Limestone - off white to tan with visible ooids	
			7.0		
			7.5		
			8.0		
			8.5		
			9.0		
			9.5		
			10.0		
			10.5		
			11.0		
			11.5		
			12.0		
			12.5		
			13.0		
			13.5		
			14.0		
			14.5		
			15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	C-16	01-3134-000-0330

Site Address:	Borehole Start Date: 3-Feb-14	Borehole Start Time: 13:05 ☐ AM ☑ PM
1901 NW 20S Terrace, Miami, FL.	End Date: 3-Feb-14	End Time: 13:10 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares.

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0 - 0.75) Dark Brown Silty Topsoil (Vegetation) (0.75-3) Tan to off white limerock fill	Samples not collected
PP	N/A	D	2.5 3.0 3.5 4.0	Refusal 3 feet	
			4.5 5.0 5.5 6.0		
			6.5 7.0 7.5 8.0		
			8.5 9.0 9.5 10.0	Sanitary sewer manhole approximately 7 feet away - Terracotta / Clay pipes not detected by utility locators.	
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	CTB	01-3134-000-0330

Site Address:	Borehole Start Date: 3-Feb-14	Borehole Start Time: 13:20 ☐ AM ☑ PM
1901 NW 20ST Miami FL	End Date: 3-Feb-14	End Time: 13:24 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-1.0) Dark Brown Silty top soil with small limestone fragments (vegetation)	Samples not collected
				(1-5) SW - rusty metals, porcelain, tiles, glass fragments.	
DP	N/A	D	2.5 3.0 3.5 4.0	@ 4-4.5 ash	
DP	N/A	M	4.5 5.0 5.5 6.0	(5-7.5) NP grey to light crushed limerock FM w/ <20% SW - mostly glass - some rusted metal.	
DP	N/A	D/S	6.5 7.0 7.5 8.0	(7.5-8) Tan to grey silty sand.	
DP	N/A	S	8.5 9.0 9.5 10.0	(8-9) Light grey to dark grey intermitten layers. fine grain silica sand.	
				Soil Boring terminated @ 9 feet BGS.	
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name: Curtis Park	Sample Location ID: C-19	Miami-Dade County Folio Number: 01-3134-000-0330
Site Address: 1901 NW 20ST - Miami, FL	Borehole Start Date: 3-Feb-14 / End Date: 3-Feb-14	Borehole Start Time: 13:30 ☐ AM ☑ PM / End Time: 13:35 ☐ AM ☑ PM
Environmental Contractor: SCS ES Consultants	Geologist's Name: Maria Pages	Environmental Technician's Name: David Balladares
Drilling Contractor / Method(s): JAEE / GeoProbe	Borehole Diameter (inches): 3	Diposition of Drill Cuttings: Drum / Borehole Completion: Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 – 2.0	(0-0.5) Dark Brown silty top soil (vegetation) (0.5-1.5) Dark Brown sandy top soil mixed with crushed limerock fill w/ SW. 40/40/20 (1.5-6) light grey to grey to off white crushed limerock fill.	Samples not collected
DP	N/A	D	2.5 – 4.0		
DP	N/A	M	4.5 – 6.0		
DP	N/A	M ▽	6.5 – 8.0	(6-8) grey to light grey intermitten layers of clay (8-8.5) Tan to orange intermitten layers of fine grain silica sand	
DP	N/A	S	8.5 – 10.0	(8.5-8.75) muck (8.75-9) Grey to dark grey fine grained silica sand	
			10.5 – 12.0	SOIL BORING TERMINATED @ 9 Feet	
			12.5 – 14.0		
			14.5 – 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS

SOIL BORING LOGS

"D"

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	D-1	01-3134-000-0330

Site Address:	Borehole Start Date: 30-Jan-14	Borehole Start Time: 12:45 ☐ AM ☑ PM
1901 NW 20ST Miami FL	End Date: 30-Jan-14	End Time: 12:48 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-1) Grey to Light grey crushed limerock fill (1-1.5) Dark grey fine grain sand (1.5-2.5) SW- Reddish Brown fines with metal + glass shards.	Samples not collected.
DP	N/A	M ▽	2.5 3.0 3.5 4.0	(2.5-4) Light Brown to tan crushed limerock fill (4-4.25) concrete	
DP	N/A	S	4.5 5.0 5.5 6.0	(4.25-4.5) Light Brown crushed limerock fill (4.5-5) Dark Brown to Brown SiH (5-6) Dark Brown to Light Brown fine grain silica sand	
			6.5 7.0 7.5 8.0		
			8.5 9.0 9.5 10.0	Soil Boring terminated 6 feet BGS.	
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	D-2	01-3134-000-0330

Site Address:	Borehole Start Date: 30-Jan-14	Borehole Start Time: 12:51 ☐ AM ☑ PM
1901 NW 20 ST Miami, FL	End Date: 30-Jan-14	End Time: 1255 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-1) Light grey to dark grey silica sand (under turf) (1-2.25) grey to dark grey limerock fill	Samples not collected
DP	N/A	M W	2.5 3.0 3.5 4.0	(2.25-3) grey silty sand (3-4) grey to light grey crushed limerock fill (4-4.25) SW · rusty metals.	
DP	N/A	S	4.5 5.0 5.5 6.0	(4.25-4.5) Dark Brown silt. (4.5-5.5) Dark Brown to Light Brown silica Sand (5.5-5.75) Dark grey silty Sand (5.75-6) Native limestone, off white to tan	
			6.5 7.0 7.5 8.0		
			8.5 9.0 9.5 10.0	Soil Boring 6 ft BGS. Terminated @	
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	D-3	01-3134-000-0330

Site Address:	Borehole Start Date: 30-Jan-14	Borehole Start Time: 13:00 ☐ AM ☑ PM
1901 NW 20 ST, Miami, FL	End Date: 30-Jan-14	End Time: 13:05 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.25) mulch (0.25-0.5) Dark Brown silty top soil (0.5-3.75) SW. Rusty metal and glass shards. ash @ 1.75 BGS ash Between (3.5-3.75)	Samples not collected
DP	N/A	M W	2.5 3.0 3.5 4.0	(3.75-4) Dark Brown to Black silty sand.	
DP	N/A	S	4.5 5.0 5.5 6.0	(4-6) Native limestone, offwhite to tan (visible ooids)	
			6.5 7.0 7.5 8.0	Soil Boring terminated 6 feet BGS.	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	D-4	01-3134-000-0330

Site Address:	Borehole Start Date: 30-Jan-14	Borehole Start Time: 13:05 ☐ AM ☑ PM
1901 NW 20ST, Miami, FL	End Date: 30-Jan-14	End Time: 13:08 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Ballardares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.5) Mulch (0.5-1.0) Dark Brown silty topsoil (1-3) Dark Brown silty topsoil mixed with crushed limerock fill (50/50)	Samples not collected
DP	N/A	M D	2.5 3.0 3.5 4.0	(3-3.25) SW - rust/metal shards (3.25-3.75) Light Brown fine grain silica Sand (3.75-4) Dark Brown silty	
DP	N/A	S	4.5 5.0 5.5 6.0	(4-5.25) Light Brown to grey fine grain Silica Sand (5.25-5.5) Light Brown silty Sand (5.5-6) Native Limestone, tan fine to medium grain sand with limestone frag. (visible ooids).	
			6.5 7.0 7.5 8.0	SOIL BORING TERMINATED @ 6 feet BGS.	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	D-5	01-3134-000-0330
Site Address:	**Borehole Start Date:** 30-Jan-2014 **Borehole Start Time:** 14:30 ☐ AM ☐ PM	
1901 NW 20 ST, Miami, FL	**End Date:** 30-Jan-2014 **End Time:** 14:36 ☐ AM ☐ PM	
Environmental Contractor:	**Geologist's Name:**	**Environmental Technician's Name:**
SCS ES Consultants	Maria Pages	Daria Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-1) Dark Brown silty topsoil (1-1.5) Light Brown/greenish silt (1.5-3) Light tan to offwhite silty crushed limerock	Samples not collected
DP	N/A	M ▽	2.5 3.0 3.5 4.0	(3-4.5) SW- Rusty metals. glass shards. asl @ 4 ft BGS.	
DP	N/A	S	4.5 5.0 5.5 6.0	(4.5-5.25) Light grey to grey intermitten sand layers. (silica sand) (5.25-5.5) ~~Dark~~ Light grey silty sand (5.5-6) Native limestone.	
			6.5 7.0 7.5 8.0	SOIL BORING TERMINATED 6 feet BGS.	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	D-6	01-3134-000-0330

Site Address:	Borehole Start Date: 30-Jan-2014	Borehole Start Time: 14:40 ☐ AM ☐ PM
901 NW 20ST, Miami FL	End Date: 30-Jan-2014	End Time: 14:44 ☐ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares.

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.5) Off white- crushed limerock fill (0.5-1.25) Dark Brown silty top soil (1.25-2.5) SW- Rust metals, glass shards.	Samples not collected ↓
DP	N/A	D	2.5 3.0 3.5 4.0	concrete. Refusal @ 2.5 feet BGS.	↓
			4.5 5.0 5.5 6.0		
			6.5 7.0 7.5 8.0		
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	D-7	01-3134-000-0330

Site Address:	Borehole Start Date: 30 Jan 14	Borehole Start Time: 14:250 ☐ AM ☑ PM
1901 NW 20 St, Miami FL	End Date: 30 Jan 14	End Time: 14:3055 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares.

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5	(0-0.5) Dark Brown silty top soil (vegetation)	Samples not collected
			1.0		
			1.5	(0.5-2.75) SW. Rusty metals - glass shards.	
			2.0		
DP	N/A	D	2.5	(2.75-3) Dark Brown fine grain sand.	
			3.0		
		M ▽	3.5	(3.-3.5) Tan silty sand.	
			4.0		
DP	N/A	S	4.5	(3.5-6) Native limestone.	
			5.0		
			5.5		
			6.0		
			6.5		
			7.0		
			7.5		
			8.0	SOIL BORING TERMINATED @ 6 Feet BGS.	
			8.5		
			9.0		
			9.5		
			10.0		
			10.5		
			11.0		
			11.5		
			12.0		
			12.5		
			13.0		
			13.5		
			14.0		
			14.5		
			15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	D-8.	01-3134-000-0330

Site Address:	Borehole Start Date: 30 Jan 14	Borehole Start Time: 13:20 ☐ AM ☑ PM
1901 NW 20ST Miami FL	End Date: 30 Jan 14	End Time: 13:27 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.5) Dark Brown silty topsoil (0.5-0.75) Tan crushed riverock fill (0.75-2.75) SW. (2.75-4) ~~C+D~~ MP crushed concrete & Brick fragments.	Samples not collected
DP	N/A	M	2.5 3.0 3.5 4.0		
DP	N/A	W S	4.5 5.0 5.5 6.0	(4-4.5) Tan to off white silty sand (4.5-6) Native limestone - offwhite to tan fine grain sand with Limestone frag. (visible voids)	
			6.5 7.0 7.5 8.0	SOIL BORING TERMINATED @ 6 feet BGS	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	D-9	01-3134-000-0330

Site Address:	Borehole Start Date: 30-Jan-14	Borehole Start Time: 13:13 ☐ AM ☑ PM
1901 NW 20ST, Miami, FL	End Date: 30-Jan-14	End Time: 13:16 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares.

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.5) Dark Brown to Black silty top soil (0.5-1.25) Dark Brown sandy silty top soil (1.25-2.75) SW. Rusty metal / glass shards - large Blue glass fragment @ 1.25-1.5	Samples not collected
DP	N/A	M	2.5 3.0 3.5 4.0	(2.75-3.25) Light Brown to Brow fine grain silica sand (3.25-4) Light tan to off white silty Sand	
DP	N/A	W S	4.5 5.0 5.5 6.0	(4-6) tan to off white Native Limestone - free to medium grain sand with Limestone fragments. (visible ooids)	
			6.5 7.0 7.5 8.0	SOIL BORING TERMINATED @ 6 feet BGS.	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	D-10	01-3134-000-0330

Site Address:	Borehole Start Date: 28 Jan 14	Borehole Start Time: 13:15 ☐ AM ☑ PM
1901 NW 24 Ave Miami FL	End Date: 28 Jan 14	End Time: 13:20 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares.

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-1) Dark Brown silty topsoil. (Vegetation) (1-2.5) Lime rock fill- light grey fine grain sand with Large Limestone fragments.	samples not collected
DP	N/A	D	2.5 3.0 3.5 4.0	(2.5-3) SW- Dark grey to Black fines- Rusty metal glass shards (3-4.5) Lime rock fill- Light grey to tan fine grain sand with Limestone (off white fragments	
DP	N/A	M D S	4.5 5.0 5.5 6.0	(4.5-5) Dark grey silty sand (5-5.75) Tan to orange silty sand w/ small	
			6.5 7.0 7.5 8.0	Limestone fragments. (5.75-6) Tan to orange Native limestone, fine to medium grain sand with limestone fragments.	
			8.5 9.0 9.5 10.0	Soil Boring Terminated @ 6 feet BGS.	
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	D-11	01-3134-000-0330

Site Address:	Borehole Start Date: 27-Jan-14	Borehole Start Time: 13:25 ☐ AM ☑ PM
1901 NW 24 Ave, Miami, FL	End Date: 27-Jan-14	End Time: 13:30 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares.

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.5) Grey Sandy topsoil (vegetation) (0.5-1) Solid waste 100% rusty metals & glass shards. (1-2.5) C&D. Some (~10%) solid waste. small ash clusters throughout the interval	samples not collected
DP	N/A	M D	2.5 3.0 3.5 4.0	(2.5-3.25) Brown to Light Brown silty sand (3.25-5) Native limestone, tan to off white fine grain sand with limestone fragments (visible ooids).	
DP	N/A	S	4.5 5.0 5.5 6.0	Soil Boring Terminated @ 5 feet BGS.	
			6.5 7.0 7.5 8.0		
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	D-12	01-3134-000-0330

Site Address:	Borehole Start Date: 27-Jan-14	Borehole Start Time: 11:20 ☑ AM ☐ PM
1901 NW 24 AVE, Miami, FL	End Date: 27-Jan-14	End Time: 11:25 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Ballagares.

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.5) Dark grey to Brown silty topsoil (0.5-2.5) Solid waste. glass rusty metal fragments ash at 0.75	Samples not collected.
DP	N/A	M W	2.5 3.0 3.5 4.0	(2.5-3) Dark grey silty clay (3-4) Dark Brown to Brown fine grainsand (4-5.25) Light Brown to tan silty sand	
DP	N/A	S	4.5 5.0 5.5 6.0	(5.25-6) Native limestone - tan fine to medium grain sand with limestone fragments - (visible ooids)	
			6.5 7.0 7.5 8.0	SOIL BORING TERMINATED @ 6 feet BGS.	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	D-13	01-3134-000-0330

Site Address:	Borehole Start Date: 27-Jan-14	Borehole Start Time: 9:30 ☑ AM ☐ PM
1901 NW 24 AVE, Miami FL	End Date: 27-Jan-14	End Time: 9:35 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-1) silty topsoil Dark Brown to Brown, grass (1-1.25) Lime rock fill. grey to light grey fine grain sand with medium to small limestone fragments (1.25-3.5) Solid waste. rusty metals and glass shards	Sample not collected
DP	N/A	M	2.5 3.0 3.5 4.0	@3 feet ash (3.5-3.75) Dark Brown to Black silica sand, fine grain (3.75-5) Light grey to tan silica sand fine grain.	
DP	N/A	D/S	4.5 5.0 5.5 6.0	(5-5.25) Light Brown to tan silty sand. (5.25-6) Native Limestone - Light tan to tan fine to medium grain sand with Limestone fragments. (visible oolds)	
			6.5 7.0 7.5 8.0	Soil Boring terminated @ 6 feet BGS.	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	D-14	01-3134-000-0330

Site Address:	Borehole Start Date: 27-Jan 14	Borehole Start Time: 11:10 ☐ AM ☐ PM
1901 NW 24 AVE Miami, FL	End Date: 27-Jan-14	End Time: 11:15 ☐ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares.

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.5) Grey Sandy top soil (vegetation) (0.5-2) C+D - Limerock fill with concrete	Samples not collected.
DP	N/A	M ▽	2.5 3.0 3.5 4.0	(2-2.5) Solid waste (100%) glass/metal - rusty metal shards (2.5-4) C+D - Limerock fill w/ concrete fragments.	
DP	N/A	S	4.5 5.0 5.5 6.0	(4-4.5) Light grey silty sand. (4.5-5.5) Light Brown to Dark Brown fine grain sand (5.5-6) Native Limestone, tan to off white, fine to medium grain sand with limestone fragments	
			6.5 7.0 7.5 8.0	Soil Boring terminated @ 6 ft BGS	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

7

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	D-15	01-3134-000-0330

Site Address:	Borehole Start Date: 2-Feb-14	Borehole Start Time: 10:07 ☑ AM ☐ PM
1901 NW 20 ST Miami FL	End Date: 2-Feb-14	End Time: 10:10 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5	(0-0.5) Dark Brown ~~silty~~/sandy top soil (vegetation	Samples not collected.
			1.0	(0.5-2) Tan to off white crushed lime rock	
			1.5	(2.0-2.5) Tan fine grain carbonate sand.	
			2.0	(2.5-3) Tan silt/clay	
DP	N/A	M	2.5	(3.0-3.5) much Dark Brown fines with vegetation	
		D	3.0	(3.5-5.5) fine grain silica sand - grey to tan	
			3.5		
			4.0		
DP	N/A	S	4.5		
			5.0		
			5.5	(5.5-7) Native limestone	
			6.0	visible oolds	
DP	N/A	S	6.5		
			7.0		
			7.5		
			8.0		
			8.5		
			9.0		
			9.5		
			10.0	SOIL BORING TERMINATED @ 7 Feet BGS.	
			10.5		
			11.0		
			11.5		
			12.0		
			12.5		
			13.0		
			13.5		
			14.0		
			14.5		
			15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	D-16	01-3134-000-0330

Site Address:	Borehole Start Date: 3-Feb-14	Borehole Start Time: 10:25 ☑ AM ☐ PM
1901 NW 20ST, Miami, FL	End Date: 3-Feb-14	End Time: 10:30 ☐ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5	(0-0.5) Dark Brown sandy topsoil (vegetation)	Samples not collected
			1.0	(0.5-4) Tan to Light Brown to grey Limerock,	
			1.5	crushed limerock fill	
			2.0		
DP	N/A	M	2.5		
			3.0		
			3.5		
			4.0		
DP	N/A	W	4.5	(4-5.5) Light Brown to grey Silt, Silty sand.	
			5.0		
		S	5.5	(5.5-6.5) Light Brown to grey fine grain silica sand	
			6.0		
DP	N/A	S	6.5	(6.5-7) Native Limestone.	
			7.0		
			7.5	SOIL BORING TERMINATED @ 7 Feet BGS	
			8.0		
			8.5		
			9.0		
			9.5		
			10.0		
			10.5		
			11.0		
			11.5		
			12.0		
			12.5		
			13.0		
			13.5		
			14.0	Higher elevation - mound up towards the	
			14.5	Pool Building.	
			15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	D-17	01-3134-000-0330

Site Address:	Borehole Start Date: 3-Feb-14	Borehole Start Time: 13:12 ☐ AM ☑ PM
1901 NW 20 ST, Miami, FL	End Date: 3-Feb-14	End Time: 13:16 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-1) Dark Brown Sandy topsoil (1-6) Tan to off White to Light grey crushed limerock fill	Samples not collected.
DP	N/A	D	2.5 3.0 3.5 4.0	@4 Brick fragment.	
DP	N/A	M	4.5 5.0 5.5 6.0		
DP	N/A	S	6.5 7.0 7.5 8.0	(6-6.5) Tan to orangish silty sand (6.5-7.5) Light grey to tan Native limestone.	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	D-18	01-3134-000-0330

Site Address:	Borehole Start Date: 3-Feb-14	Borehole Start Time: 14:20 ☐ AM ☑ PM
1901 NW 20ST, Miami, FL	End Date: 3-Feb-14	End Time: 14:25 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	MP ~~DP~~ N/A	D	0.5 1.0 1.5 2.0	(0-2) Dark Brown sandy topsoil (vegetation)	Samples Not collected
DP	N/A	M D	2.5 3.0 3.5 4.0	(2-3) Dark Brown sandy topsoil mixed with crushed limerock fill (3-3.5) Grey sandy ~~topsoil~~ silt w/ LS. frag (3.5-4.25) grey silt/clay	
DP	N/A	S	4.5 5.0 5.5 6.0	(4.25-5.5) Dark grey to grey fine grain silica sand (vegetation) (5.5-6) Tan Native Limestone	
			6.5 7.0 7.5 8.0	SOIL BORING TERMINATED @ 6 Feet BGS.	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	D-19	01-3134-000-0330

Site Address:	Borehole Start Date: 3-Feb-14	Borehole Start Time: 13:52 ☐ AM ☑ PM
1901 NW 20ST, Miami, FL	End Date: 3-Feb-14	End Time: 13:56 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 – 2.0	(0-1) Dark Brown silty topsoil (vegetation) (1-3) Dark Brown silty topsoil mixed with crushed lime rock fill.	Samples not collected
DP	N/A	D	2.5 – 4.0	(3-3.5) Dark grey silty top soil mixed w/ crushed limerock fill ~30% SW	
DP	N/A	M V	4.5 – 6.0	metals an small glass shards. (3.5-4) off white to tan crushed limerock fill. (4-4.5) Intermitten layers of light/dark grey fine grain sand.	
		S	6.5 – 8.0	(4.5-5) Muck (5-6) Tan/off white Marine Limestone.	
			8.5 – 10.0	SOIL BORING TERMINATED @ 6 Feet BGS.	
			10.5 – 12.0		
			12.5 – 14.0		
			14.5 – 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS

SOIL BORING LOGS

"E"

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	E-1	01-3134-000-0330

Site Address:	Borehole Start Date: 30-Jan-14	Borehole Start Time: 12:14 ☒ AM ☐ PM
1901 NW 20ST, Miami, FL	End Date: 30-Jan-14	End Time: 12:17 ☐ AM ☒ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-1) Dark Brown Silty top soil (vegetation) (1-2) Dark Brown to Brown silty top soil mixed with limestone fragments (crushed limerock)	samples not collected
DP	N/A	M	2.5 3.0 3.5 4.0	(2-4) SW- Rusty metals/ glass shards. with small tile pieces.	
DP	N/A	D S	4.5 5.0 5.5 6.0	(4-4.5) Intermitted light + dark grey sand with ~~lime~~ (river bottom deposit) with small limestone fragments. (4.5-5) Light Brown to grey fine grain sand	
DP	N/A	S	6.5 7.0 7.5 8.0	~~(5-5.75)~~ Tan, silty sand (5.5-5.75) ↑ (5.75-7) Native limestone	
			8.5 9.0 9.5 10.0	SOIL BORING TERMINATED @ 7 feet BGS.	
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	E-2	01-3134-000-0330

Site Address:	Borehole Start Date: 30-Jan-14	Borehole Start Time: 12:36 ☐ AM ☑ PM
1901 NW 20ST, Miami, FL	End Date: 30-Jan-14	End Time: 12:39 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
HP	N/A	D	0.5 1.0 1.5 2.0	(0-0.75) ~~Dark~~ Brown silty top soil (vegetation) (0.75-1) Tan crushed Limerock fill (1-2) Brown to grey silty top soil (< 5% glass shards) Brick fragments.	Samples not collected
DP	N/A	M	2.5 3.0 3.5 4.0	(2-5) SW - Reddish fines with glass shards & rusty metal fragments	
DP	N/A	M S	4.5 5.0 5.5 6.0	(5-6.5) SW - Black fines with glass/metal shards. (6.5-6.75) grey fine grain silty Sand	
DP	N/A	S	6.5 7.0 7.5 8.0	(6.75-7) Natty lime stone.	
			8.5 9.0 9.5 10.0	SOIL BORING TERMINATED @ 7 feet BGS.	
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	E-2B	01-3134-000-0330

Site Address:	Borehole Start Date: 30 Jan 14	Borehole Start Time: 12:40 ☐ AM ☑ PM
1901 NW 20ST, Miami, FL	End Date: 30 Jan 14	End Time: 12:42 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.25) Sand topsoil (Dark Brown to Black) (0.25-3) off white crushed limerock fill	Samples not collected
DP	N/A	M	2.5 3.0 3.5 4.0	(3-5) SW: Reddish fines with rusty metal + glass shards	
DP	N/A	S	4.5 5.0 5.5 6.0	(5-5.5) Tan to off white silty sand (5.5-6) off white to grey fine grain silica sand	
			6.5 7.0 7.5 8.0		
			8.5 9.0 9.5 10.0	SOIL BORING Terminated @ 6 feet BGS	
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	E-3	01-3134-000-0330

Site Address:	Borehole Start Date: 30 Jan 14	Borehole Start Time: 14:05 ☐ AM ☑ PM
1901 NW 20ST Miami, FL	End Date: 30 Jan 14	End Time: 14:10 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.5) Dark Brown silty top soil (vegetation) (0.5-0.75) Light Brown silty top soil. (0.75-3) Off white crushed limerock fill	Samples not collected
DP	N/A	D	2.5 3.0 3.5 4.0	(3-5) SW - rusty metal/glass shards.	
DP	N/A	M D S	4.5 5.0 5.5 6.0	(5-5.5) Dark Brown silty sand (5.5-6) Native limestone	
			6.5 7.0 7.5 8.0		
			8.5 9.0 9.5 10.0	Soil Boring terminated 6 ft BGS.	
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	E-4	01-3134-000-0330

Site Address:	Borehole Start Date:	Borehole Start Time:
1901 NW 2 ST Miami, FL	30 Jan 14	14:20 ☐ AM ☑ PM
	End Date: 30 Jan 14	End Time: 14:24 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares.

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5	(0-0.25) Dark Brown silty topsoil	Samples not collected
			1.0	(0.25-0.5) Light grey fine grain silica sand	
			1.5	(0.5-2.25) off white to tan Crushed limerock fill	
			2.0	(2.25-3.25) Dark Brown silty topsoil mixed with off white crushed limerock	
DP	N/A	M	2.5		
			3.0	(3.25-3.75) Tan to orange limerock fill	
			3.5	(3.75-4.5) SW. Rusty metals / glass shards.	
			4.0		
DP	N/A	D/S	4.5	(4.5-5) Light Brown silica sand	
			5.0	(5-5.5) Light brown silty sand	
			5.5	(5.5-6) Native limestone.	
			6.0		
			6.5		
			7.0		
			7.5		
			8.0	SOIL BORING TERMINATED 6 Feet BGS.	
			8.5		
			9.0		
			9.5		
			10.0		
			10.5		
			11.0		
			11.5		
			12.0		
			12.5		
			13.0		
			13.5		
			14.0		
			14.5		
			15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	E-5	01-3134-000-0330

Site Address:	Borehole Start Date: 30-Jan-2014	Borehole Start Time: 14:13 ☐ AM ☑ PM
1901 NW 20ST, Miami, FL	End Date: 30-Jan-2014	End Time: 14:14 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares.

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.5) Dark Brown silty top soil (0.5-2.5) off white crush lime rock fill	Samples not collected
DP	N/A	M	2.5 3.0 3.5 4.0	(2.5-4) Tan to off white crushed lime rock fill	
DP	N/A	W S	4.5 5.0 5.5 6.0	(4-4.75) Dark Brow to Black muck (4.75-5) Light tan to off white fine grain sand (5-6) Native lime stone.	
			6.5 7.0 7.5 8.0	SOIL BORING TERMINATED 6 Feet BGS.	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	E-6	01-3134-000-0330

Site Address:	Borehole Start Date: 30 Jan 2014	Borehole Start Time: 14:07 ☐ AM ☑ PM
1901 NW 20 ST, Miami, FL	End Date: 30 Jan 2014	End Time: 14:10 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	Davia Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5	(0-0.5) Dark Brown sandy top soil	Samples not collected
			1.0	(0.5-3) Off white crushed limerock fill	
		I	1.5		
			2.0		
DP	N/A	D	2.5	(3-4.5) SN. Reddish fines with rusty metal fragments, glass shard, tile & Brick fragments.	
			3.0		
			3.5		
			4.0		
DP	N/A	M	4.5	(4.5-4.75) Intermitten Light & grey fine grain Silica sand	↓
			5.0		
		P/S	5.5		
			6.0	(4.75-5) Muck	
			6.5	(5-5.25) tan silty sand	
			7.0	(5.25-6) Tan to off white Native limestone.	
			7.5		
			8.0		
			8.5		
			9.0		
			9.5		
			10.0		
			10.5		
			11.0		
			11.5		
			12.0		
			12.5		
			13.0		
			13.5		
			14.0		
			14.5		
			15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	E-7	01-3134-000-0330

Site Address:	Borehole Start Date: 30-Jan-14	Borehole Start Time: 14:00 ☐ AM ☑ PM
1901 NW 20 ST, Miami FL	End Date: 30-Jan-14	End Time: 14:03 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Baliadares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.5) Dark Brown Sandy topsoil (0.5-3) Off white crushed limerock fill	Samples not Collected
DP	N/A	D	2.5 3.0 3.5 4.0	(3-4.5) SW. Reddish fines with rusty metal glass shards & brick fragments.	
DP	N/A	M S	4.5 5.0 5.5 6.0	(4.5-4.75) Intermitten light & grey fine grain silica sand. (4.75-5) muck.	
			6.5 7.0 7.5 8.0	(5-5.25) tan silty sand (5.25-6) Native limestone	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	E-B	01-3134-000-0330

Site Address:	Borehole Start Date: 30 Jan 14	Borehole Start Time: 13:53 ☐ AM ☐ PM
1901 NW 20 ST, Miami, FL	End Date: 30 Jan 14	End Time: 13:56 ☐ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares.

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.5) Dark Brown silty top soil (vegetation) (0.5-2) off white to tan crushed limerock fill	Samples not collected
DP	N/A	M W	2.5 3.0 3.5 4.0	(2-2.5) Dark brown silty top soil (2.5-3.5) GW. Rusty metals & glass shards. (3.5-4) Brown to light Brown silty sand	
DP	N/A	S	4.5 5.0 5.5 6.0	(4-6) Tan to off white limestone (native)	
			6.5 7.0 7.5 8.0	SOIL BORING TERMINATED @ 6FT BGS.	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	E-9	01-3134-000-0330

Site Address:	Borehole Start Date:	Borehole Start Time:	End Time:
1901 NW 20 ST, Miami, FL	30-Jan-2014	13:46 ☐ AM ☑ PM	End Date: 30-Jan-2014 13:49 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-1) off white silica sand (1-2) Light Brown/greenish silt (small cluster of ash @ 2 feet (nickel size)	Samples not collected
DP	N/A	M D	2.5 3.0 3.5 4.0	(2-3.5) Tan to off white crushed limerock (3.5-4) Dark Brown fine grain silica sand	
DP	N/A	S	4.5 5.0 5.5 6.0	(4-6) Native limestone, off white to tan, with visible oolids	
			6.5 7.0 7.5 8.0	SOIL BORING TERMINATED @ 6 FEET BGS	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	E-10	01-3134-000-0330

Site Address:	Borehole Start Date: 27-Jan-14	Borehole Start Time: 13:35 ☐ AM ☑ PM
1901 NW 24 Ave Miami, FL	End Date: 27-Jan-14	End Time: 13:40 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Ballades

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.5) Red/Terracotta Baseball field clay (0.5-1) 100% Solid waste - rusty metal/glass shards (1-2.5) C&D - Limerock fill with large concrete fragments	Samples not collected
DP	N/A	M ↓ S	2.5 3.0 3.5 4.0	(2.5-3) Tan to grey silty sand (3-5) Native Limestone - Tan - fine grain to medium grain Sand with Limestone fragments (visible Ooids).	↓
DP	N/A	S	4.5 5.0 5.5 6.0	Soil Boring terminated @ 5 ft BGS	
			6.5 7.0 7.5 8.0		
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	E-11	01-3134-000-0330

Site Address:	Borehole Start Date: 27-Jan-14	Borehole Start Time: 13:15 ☐ AM ☑ PM
1901 NW 24 Ave Miami, FL	End Date: 27-Jan-14	End Time: 13:20 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.25) Grey sandy topsoil (vegetation) (0.25-0.5) Dark Brown silty top soil (0.5-1.25) Solid waste (100%) rusty metal / glass shards. (1.25-3) C+D- Limerock fill with large concrete fragments.	Samples not collected
DP	N/A	M ▽ S	2.5 3.0 3.5 4.0	(3-3.5) Dark grey to grey silty sand. (3.5-6) Native limestone- tan to off white fine to	
DP	N/A	S	4.5 5.0 5.5 6.0	medium grain sand with limestone fragments. (visible ooids)	
			6.5 7.0 7.5 8.0	SOIL BORING TERMINATED at 6 feet BGS.	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	E-12	01-3134-000-0330

Site Address:	Borehole Start Date: 27 Jan 14	Borehole Start Time: 11:30 ☑ AM ☐ PM
1901 NW 24 AVE, Miami, FL	End Date: 27 Jan 14	End Time: 11:35 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Ballantyne.

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.5) Dark Brown to black silty topsoil (vegetation) (0.5-2.5) Solid waste - rusty metal / glass shards. 100% (2.5-4)	samples not collected
DP	N/A	▽ S	2.5 3.0 3.5 4.0	Native limestone - fine to medium grain sand with limestone fragments. (tan to off white)	
DP	N/A	S	4.5 5.0 5.5 6.0		
			6.5 7.0 7.5 8.0	Soil Boring terminated @ 6. feet BGS.	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	E13	01-3134-000-0330

Site Address:	Borehole Start Date: 27-Jan-14	Borehole Start Time: 9:40 ☑ AM ☐ PM
1901 NW 24 AVE, Miami, FL	End Date: 27-Jan-14	End Time: 9:45 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-1) Dark Brown silty top soil (1-2.25) sandy fill rock fill. Light grey to grey fine grain sand with Limestone fragments	No samples collected
DP	N/A	D M	2.5 3.0 3.5 4.0	(1.25-3.5) Solid waste- rusted metals + glass shards (3.5-3.75) ash (3.75-4) Dark Brown to Black Silty sand	
DP	N/A	▽ S	4.5 5.0 5.5 6.0	(4-5) Light Brown fine grain silica sand (5-6) Native Limestone - Tan to off white fine to medium grain sand with Limestone fragments (visible oolds)	
			6.5 7.0 7.5 8.0	Soil Boring terminated at 6 ft BGS	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	E-14	01-3134-000-0330

Site Address:	Borehole Start Date:	Borehole Start Time:	End Date:	End Time:
1901 NW 24 AVE, Miami, FL	27-Jan-14	11:00 ☑ AM ☐ PM	27-Jan-14	11:05 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Ballardares.

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.5) Fine grain silica sand grey (vegetation) (0.5-2) Solid waste - 100% rusty metals / glass shards. ash @ 1.75 ft BGS.	No samples collected
DP	N/A	D	2.5 3.0 3.5 4.0	(2-2.5) Light Tan / Brown layered ~~fine grain sand~~ river deposits. (2.5-3) Light grey / grey intermitten layers - river deposits fine grain sand. (3-4) Dark Brown to Black muck	
DP	N/A	M W S	4.5 5.0 5.5 6.0	(4-5) Tan to Light Brown layered fine grain sand. River deposits. (5-6) Native limestone - Tan to offwhite fine to medium grain sand with Limestone fragments - visible ooids.	
			6.5 7.0 7.5 8.0	Soil Boring Terminated @ 6ft.	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name: Curtis Park	Sample Location ID: E-15	Miami-Dade County Folio Number: 01-3134-000-0330
Site Address: 1901 NW 24 AVE Miami	Borehole Start Date: 28-Jan-14 / End Date: 28-Jan14	Borehole Start Time: 10:50 ☑ AM ☐ PM / End Time: 10:55 ☐ AM ☐ PM
Environmental Contractor: SCS ES Consultants	Geologist's Name: Maria Pages	Environmental Technician's Name: David Balladares
Drilling Contractor / Method(s): JAEE / GeoProbe	Borehole Diameter (inches): 3	Diposition of Drill Cuttings: Drum / Borehole Completion: Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.75) SW- Fine grain Black to dark Brown Sand ~75% SW- Metal, Rusty metals (0.75-2) crushed Limerock fill- medium grain Sand with Large Limestone fragments.	Samples not collected
DP	N/A	M	2.5 3.0 3.5 4.0	(2-3) Tan to Light Brown fine grain Sand (3-4) Light Brown silty sand (4-6) Light Brown to tan Native Limestone.	
DP	N/A	S	4.5 5.0 5.5 6.0	fine to medium grain sand w/ Limestone fragments- (visible ooids)	
			6.5 7.0 7.5 8.0	Soil Boring terminated at 6 feet BGS	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	E-14	01-3134-000-0330

Site Address:	Borehole Start Date: 3-Feb-14	Borehole Start Time: 10:17 ☑ AM ☐ PM
1901 NW 20 ST Miami, FL	End Date: 3-Feb-14	End Time: 10:22 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 – 2.0	(0-0.5) Dar Brown Sandy top soil. (0.5-2.5) Grey to light grey sandy topsoil mixed with crushed Limerock fill.	Samples not Collected
DP	N/A	M	2.5 – 4.0	(2.5-3) Light grey to grey silica sand (fine grain) (3-3.5) Inter mitten tan to dark brown layers fine grain sand.	
DP	N/A	S	4.5 – 6.0	(3.5-4) Dark grey to grey silty clay. (4-4.75) Dark grey to grey fine grain silica sand (4.75-5) Tan to Light Brown silty sand (5-7) Native Limestone	
DP	N/A	S	6.5 – 8.0	SOIL BORING ~~TERMINATED~~ @ 7 Feet BGS	
			8.5 – 10.0		
			10.5 – 12.0		
			12.5 – 14.0		
			14.5 – 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	E-17	01-3134-000-0330

Site Address:	Borehole Start Date: 4-Feb-14	Borehole Start Time: 8:41 ☑ AM ☐ PM
1901 NW 20 ST Miami, FL	End Date: 4-Feb-14	End Time: 8:45 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.5) Dark Brown sandy topsoil. (0.5-5) off white to grey sandy limerock fill SW @ 4-4.5 - Rusty metals & glass fragments ash @ 5.0	Samples not collected
DP	N/A	D	2.5 3.0 3.5 4.0		
DP	N/A	M to S	4.5 5.0 5.5 6.0	(5.5-6.5) Tan silty sand. (6.5-6.75) Dark grey fine grain silica sand	
DP	N/A	S	6.5 7.0 7.5 8.0	(6.75-7) Native lime stone, tan to off white. fine to medium grain sand with limestone fragments.	
			8.5 9.0 9.5 10.0	SOIL BORING TERMINATED	
			10.5 11.0 11.5 12.0	@ 7 feet	
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

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CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	E-18	01-3134-000-0330

Site Address:	Borehole Start Date: 4-Feb 2014	Borehole Start Time: 9:17 ☐ AM ☐ PM
1901 NW 20ST, Miami, FL	End Date: 4 Feb 2014	End Time: 9:20 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares.

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5	(0-1) Fine grain orange/reddish fine grain sand mixed with Base bael clay	Samples not collected
			1.0		
			1.5		
			2.0	(1-3) Dark grey fine grain sand with small lime stone fragments asphalt chunk @ 3 ft	
DP	N/A	M	2.5		
			3.0		
			3.5	(3-35) off white limerockfill (crushed)	
			4.0	(3.5-4) Crushed limerock fill with asphalt.	
DP	N/A	S	4.5	(4.5-5.5) off white to tan to grey intermitten layers of silt/clay.	
			5.0		
			5.5		
			6.0	(5.5-6.5) off white to tan to light grey fine grain silica sand.	
DP	N/A	S	6.5		
			7.0	(6.5-7) Tan Native limestone.	
			7.5		
			8.0	Soil Boring terminated at 7 Feet BGS.	
			8.5		
			9.0		
			9.5		
			10.0		
			10.5		
			11.0		
			11.5		
			12.0		
			12.5		
			13.0		
			13.5		
			14.0		
			14.5		
			15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	E-19	01-3134-000-0330

Site Address:	Borehole Start Date: 3-Feb-14	Borehole Start Time: 13:56 ☐ AM ☑ PM
190 NW 20ST Miami, FL	End Date: 3-Feb-14	1400 End Time: ~~13:58~~ 14:01 ☐ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Bayladares.

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5	(0-0.5) Dark Brown fine grain Sand (vegetation)	Samples not collected
			1.0	(0.5-1) fine grain tan silica Sand.	
			1.5	(1-1.25) Dark Brown silty top soil	
			2.0	(1.25-3) Tan to off white Crushed limerock fill	
DP	N/A	M ☑	2.5		
			3.0	(3-4) Grey silty sand	
			3.5		
			4.0	(4.5-25) Fine grain grey silica Sand	
DP	N/A	S	4.5	(5.25-6) Tan to off white Native Limestone.	
			5.0		
			5.5		
			6.0		
			6.5		
			7.0		
			7.5		
			8.0		
			8.5		
			9.0		
			9.5		
			10.0		
			10.5		
			11.0		
			11.5		
			12.0		
			12.5		
			13.0		
			13.5		
			14.0		
			14.5		
			15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS

SOIL BORING

LOGS

"F"

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	F-1	01-3134-000-0330

Site Address:	Borehole Start Date: 30-Jan-14	Borehole Start Time: 12:06 ☐ AM ☑ PM
19101 NW 20ST Miami, FL	End Date: 30-Jan-14	End Time: 12:10 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.25) Dark Brown silty topsoil (Vegetation (0.25-4) Off white / tan to orange limerock All	Samples not collected
DP	N/A	M	2.5 3.0 3.5 4.0	(4-4.25) Solid waste- rusty metal (Tree roots)	
DP	N/A	D S	4.5 5.0 5.5 6.0	(4.25-6) Light grey to grey silty sand (6-9) Light grey to grey sand with vegetation (river bottom deposits, Strong sulfur odor)	
DP	N/A	S	6.5 7.0 7.5 8.0		
DP	N/A	S	8.5 9.0 9.5 10.0	(9-10) Tan to light grey silica sand (10-11) Native limestone - offwhite to grey fine grain	
DP	N/A	S	10.5 11.0 11.5 12.0	sand with limestone fragments. (visible ooids)	
			12.5 13.0 13.5 14.0	SOIL BORING TERMINATED @ 11 feet BGS.	
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	F-2	01-3134-000-0330

Site Address:	Borehole Start Date: 30 Jan-14	Borehole Start Time: 12:30 ☐ AM ☑ PM
1901 NW 20 ST, Miami, FL	End Date: 30 Jan-14	End Time: 12:34 ☐ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.5) Dark Brown silty topsoil (0.5-3.5) off white to tan crushed limerock fill	Samples not collected
DP	N/A	M	2.5 3.0 3.5 4.0	(3.5-6) grey to light grey silty limerock fill	
DP	N/A	W S	4.5 5.0 5.5 6.0		
DP	N/A	S	6.5 7.0 7.5 8.0	(6-7) Native limestone - tan to off white (visible ooids). SOIL BORING TERMINATED 7 feet BGS.	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	F-9	01-3134-000-0330

Site Address:	Borehole Start Date: 30 Jan 2014	Borehole Start Time: 13:40 ☐ AM ☑ PM
1901 NW 20 ST Miami, FL	End Date: 30 Jan 2014	End Time: 13:43 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.5) Dark Brown silty topsoil (vegetation) (0.5-2) grey to drank grey crushed limerock fill	Samples not collected
			2.5 3.0 3.5 4.0	(Refusal @ 2 feet BGS)	
			4.5 5.0 5.5 6.0		
			6.5 7.0 7.5 8.0		
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	F-10	01-3134-000-0330

Site Address:	Borehole Start Date: 27-Jan-14	Borehole Start Time: 13:45 ☐ AM ☑ PM
1901 NW 24 Ave Miami, FL	End Date: 27-Jan-14	End Time: 13:50 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.5) Red Terracotta Baseball field clay (0.5-1.25) Dark Brown sandy top soil with small limestone fragments. (1.25-2.75) CYD- Lime rock fill with large concrete fragments.	Sample not collected
DP	N/A	M ▽	2.5 3.0 3.5 4.0	(2.75-3.25) Dark Brown to grey fine grain sand (3.25-3.5) Tan silty sand	↓
			4.5 5.0 5.5 6.0	(3.5-4) Native Limestone, tan to off white fine grain sand with limestone fragments	
			6.5 7.0 7.5 8.0	Soil Boring terminated @ 4 feet BGS.	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	F-11	01-3134-000-0330

Site Address:	Borehole Start Date:	Borehole Start Time:	End Time:
1901 NW 24 Ave, Miami, FL	27-Jan-14	13:05 ☐ AM ☑ PM	13:10 ☐ AM ☑ PM
	End Date: 27-Jan-14		

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares.

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.25) Light grey sand top soil (vegetation) (0.25-0.75) Dark Brown silty top soil (0.75-1.25) Lime rock fill with ~30% solid waste- glass/metal fragments.	No Samples Collected
DP	N/A	M M S	2.5 3.0 3.5 4.0	(1.25-1.75) Tan fine grain sand with small Limestone fragments (1.75-3) Solid waste- rusty metal / glass shards (3.0-3.5) Grey silty clay (3.5-4) Native Limestone fine/med grain tan sand with Limestone frag	↓
			4.5 5.0 5.5 6.0	SOIL BORING TERMINATED @ 4 ft BGS.	
			6.5 7.0 7.5 8.0		
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	F-12	01-3134-000-0330

Site Address:	Borehole Start Date: 27-Jan-14	Borehole Start Time: 11:40 ☑ AM ☐ PM
1901 NW 24 AVE, Miami, FL	End Date: 27-Jan-14	End Time: 11:45 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares.

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.25) fine grain gray silica sand (0.25-0.75) Dark Brown silty topsoil (0.75-4) Solid waste (0.75-1) C&D concrete fragments mixed with Limerock fill	No samples collected.
DP	N/A	M W	2.5 3.0 3.5 4.0	(1-4) rusty metal with glass shards. @ 2 feet ~ 2 inches green glass (3-4) feet ~ 40% ash clusters throughout this interval	
DP	N/A	S	4.5 5.0 5.5 6.0	(4-4.5) Light Brown to Grey silty Sand (4.5-6) Native Limestone. Tan to off white fine grain medium grain sand with Limestone fragments visible oolds.	
			6.5 7.0 7.5 8.0	Soil Boring Terminated @ 6 ft BGS.	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	MP ES F13	01-3134-000-0330
Site Address:	**Borehole Start Date:** 27 Jan 14	**Borehole Start Time:** 9:50 ☑ AM ☐ PM
1901 NW 84 AVE, Miami, FL	**End Date:** 27 Jan 14	**End Time:** 9:55 ☑ AM ☐ PM
Environmental Contractor:	**Geologist's Name:**	**Environmental Technician's Name:**
SCS ES Consultants	Maria Pages	David Balladares.
Drilling Contractor / Method(s):	**Borehole Diameter (inches):**	**Diposition of Drill Cuttings:**	**Borehole Completion:**
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-1.5) Red/Terracotta Baseball field clay (1.5-2) Light Brown Baseball field clay.	Samples not collected
DP	N/A	D M	2.5 3.0 3.5 4.0	(2-5.5) Solid waste - Rusted metal + glass shards	
DP	N/A	▽ S	4.5 5.0 5.5 6.0	(5.5-6) Native Limestone · fine to medium tan to off white grain sand with Limestone fragments visible edges.	
			6.5 7.0 7.5 8.0	Soil Boring terminated @ 6 feet BGS.	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	F-14	01-3134-000-0330

Site Address:	Borehole Start Date: 27-Jan-14	Borehole Start Time: 10:50 ☑ AM ☐ PM
1901 NW 24 AVE, Miami, FL	End Date: 27-Jan-14	End Time: 10:55 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Byladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-1.75) Light grey to orange to Light Brown fine grain sand - (vegetation surface) (1.75-4) Solid waste - 100 % - rusty metal / glass shards.	Samples Not collected
DP	N/A	D	2.5 3.0 3.5 4.0	dusker of ash between 1.75-4 feet.	
DP	N/A	M W	4.5 5.0 5.5 6.0	~~(4-4.25)~~ MD (4-4.25) Light Brown grain sand (shell fragments) (4.25-4.75) Dark Brown to Black muck. (4.75-6) Brown to Light Brown fine grain silica sand	
DP	N/A	S	6.5 7.0 7.5 8.0	(6-6.25) Light grey silty sand (6.25-7) Native Limestone - fine grain lmed grain sand with limestone frag. Soil Boring terminated @ 7 feet	
			8.5 9.0 9.5 10.0	BGS.	
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	F-15	01-3134-000-0330

Site Address:	Borehole Start Date: 28 Jan 14	Borehole Start Time: 11:20 ☑ AM ☐ PM
1901 NW 24 Ave Miami	End Date: 28 Jan 14	End Time: 11:25 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-1.75) Grey fine grain sand with small Limestone to medium fragments. (1.75-5 feet) solid waste- rusty metal/ glass fragments	Samples not collected
DP	N/A	M ▽	2.5 3.0 3.5 4.0	ash 3.5 feet (~ 2 inches) ash between 4.5 and 5 feet BGS.	
DP	N/A	S	4.5 5.0 5.5 6.0	(5-5.5) Grey to tan silty sand (5.5-6) Native Limestone, tan to off white fine to medium grain sand with Limestone fragments. (visible oolds)	
			6.5 7.0 7.5 8.0	SOIL BORING TERMINATED @ 6 Feet BGS.	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	F-16	01-3134-000-0330
Site Address:	**Borehole Start Date:** 4-Feb-14	**Borehole Start Time:** 10:30 ☑ AM ☐ PM
1901 NW 20 ST, Miami FL	**End Date:** 4-Feb-14	**End Time:** 10:34 ☑ AM ☐ PM
Environmental Contractor:	**Geologist's Name:**	**Environmental Technician's Name:**
SCS ES Consultants	Maria Pages	David Balladares.
Drilling Contractor / Method(s):	**Borehole Diameter (inches):**	**Diposition of Drill Cuttings:**	**Borehole Completion:**
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5	(0-0.25) Dark Brown sandy topsoil (Vegetation)	Samples not collected
			1.0	(0.25-1.5) Light grey to off white sandy crushed limerock fill.	
			1.5		
			2.0	(1.5-2) Dark Brown silty topsoil	
DP	N/A	D	2.5	(2-3) greenish/mustard yellow clay.	
			3.0	(3-3.5) Brick fragments	
		M	3.5	(3.5-3.75) concrete fragments	
			4.0	(3.75-4.25) crushed lime rock fill with ~50% solid waste. Rusty metal & glass shards	
DP	N/A	D	4.5		
			5.0	(4.25-5.25) Dark grey light grey silty clay.	
		S	5.5	(5.25-5.75) Muck	
			6.0		
DP	N/A	S	6.5	(5.75-6.75) Light grey silica sand (fine grain)	
			7.0	(6.75-7) Native limestone - Tan to off white.	
			7.5		
			8.0		
			8.5		
			9.0		
			9.5		
			10.0	SOIL BORING TERMINATED @ 7 feet BGS	
			10.5		
			11.0		
			11.5		
			12.0		
			12.5		
			13.0		
			13.5		
			14.0		
			14.5		
			15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	F-17	01-3134-000-0330

Site Address:	Borehole Start Date: 4-Feb-14	Borehole Start Time: 8:48 ☑ AM ☐ PM
1901 NW 20ST, Miami FL	End Date: 4-Feb-14	End Time: 8:52 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.5) Dank Brown silty topsoil (0.5-1.5) off white sandy crushed limerock fill. (1.5-3) sandy topsoil mixed with crushed limerock fill.	Samples not collected
DP	N/A	M	2.5 3.0 3.5 4.0	(3-4) off white crushed limerock fill (4-5) Tan to grey to light grey intermitten layers of silty/clay	
DP	N/A	M-S	4.5 5.0 5.5 6.0	(5-6.5) off white to tan to light grey fine grain silica sand intermitten layers.	
DP	N/A	S	6.5 7.0 7.5 8.0	(6.5-6.75) Muck (6.75-7) Native limestone.	
			8.5 9.0 9.5 10.0	SOIL BORING TERMINATED @ 7 feet BGS.	
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting
Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	F-18	01-3134-000-0330

Site Address:	Borehole Start Date: 4-Feb-2014	Borehole Start Time: 8:30 ☑ AM ☐ PM
1901 NW 20 ST, Miami, FL.	End Date: 4-Feb-2014	End Time: 8:35 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.5) Dark Brown silty topsoil (vegetation) (0.5-2) Off white crushed limerock fill.	Samples not collected
DP	N/A	D M	2.5 3.0 3.5 4.0	(2-3) Brown to grey fine grain sand with <10% metal shards. (3-3.5) Crushed limerock fill. (3.5-4) Intermitten grey and dark grey layers of fine grain sand	
DP	N/A	M D	4.5 5.0 5.5 6.0	(4-4.5) Grey silty sand (4.5-5) Grey silt/clay (5-6.5) Off white to grey fine grain silica sand with vegetation	
DP	N/A	S	6.5 7.0 7.5 8.0	(6.5-7) Native limestone Tan to off white	
			8.5 9.0 9.5 10.0	SOIL BORING TERMINATED @ 7 FT BGS.	
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	F-19	01-3134-000-0330

Site Address:	Borehole Start Date: 3-Feb-14	Borehole Start Time: 14:10 ☐ AM ☑ PM
1901 NW 20 ST. Miami, FL	End Date: 3-Feb-14	End Time: 14:15 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares.

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-2) Dark Brown silty top soil vegetation (2-3) Dark Brown silty top soil with crushed limerock fill	Samples not collected
DP	N/A	M S	2.5 3.0 3.5 4.0	(3-4.5) Light grey to off white intermitten silt/clay.	
DP	N/A	S	4.5 5.0 5.5 6.0	(4.5-5) muck (5.5,5) Intermitten fine grain silica sand (Dark grey to grey) (5.5-6) Tan to orangish Native limestone	
			6.5 7.0 7.5 8.0	SOIL BORING TERMINATED	
			8.5 9.0 9.5 10.0	6FT BGS.	
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	F-20	01-3134-000-0330

Site Address:	Borehole Start Date: 3-Feb-14	Borehole Start Time: 14:05 ☐ AM ☑ PM
1901 NW 20ST Miami, FL	End Date: 3-Feb-14	End Time: 1408 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 – 1.0 – 1.5 – 2.0	(0-1.5) Dark Brown sandy topsoil (vegetation) (1.5-5) Off white to tan crushed limerock fill	Samples not collected
DP	N/A	M ▽	2.5 – 3.0 – 3.5 – 4.0		
DP	N/A	S	4.5 – 5.0 – 5.5 – 6.0	(5-5.5) Muck with vegetation. (5.5-6) Dark grey silty sand	
DP	N/A	S	6.5 – 7.0 – 7.5 – 8.0	(6-6.5) Brown fine grain silica sand (6.5-7.5) Tan to Off White Native Limestone	
			8.5 – 9.0 – 9.5 – 10.0		
			10.5 – 11.0 – 11.5 – 12.0		
			12.5 – 13.0 – 13.5 – 14.0		
			14.5 – 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS

SOIL BORING

LOGS

"G"

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	G-1	01-3134-000-0330

Site Address:	Borehole Start Date: 30-Jan-14	Borehole Start Time: 11:56 ☐ AM ☐ PM
1901 NW 20ST, Miami, FL	End Date: 30-Jan-14	End Time: 12:00 ☐ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares.

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 – 2.0	(0-1.25) Light grey/ greenish grey silty topsoil (1.25-3) Offwhite crushed limerock fill	Samples not collected
DP	N/A	D	2.5 – 4.0	(3-4) Solid waste- rusty metal/glass shards ash (3.5-4) Concrete @ 4 ft	
DP	N/A	D	4.5 – 6.0	(4-6.5) crushed limerock fill with sporatic clusters of ash (6.5-6.75) Dark grey to grey silty sand	
DP	N/A	S.	6.5 – 8.0	(6.75-8) Native limestone- offwhite to tan fine grain sand w/ limestone fragments (visible ooids)	
			8.5 – 10.0	Soil Boring terminated @ 8 feet BGS	
			10.5 – 12.0		
			12.5 – 14.0		
			14.5 – 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	G-2	01-3134-000-0330

Site Address:	Borehole Start Date: 30 Jan 2014	Borehole Start Time: 12:22 ☐ AM ☑ PM
1901 NW 20 ST, Miami, FL	End Date: 30 Jan 2014	End Time: 12:25 ☐ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Ballades.

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.5) g fine grain tan silica Sand (vegetation (0.5-2) off white to tan crushed limerock	Samples not collected
DP	N/A	D M	2.5 3.0 3.5 4.0	(2-4) off white to grey silty crushed limerock fill	
DP	N/A	D S	4.5 5.0 5.5 6.0	(4-7)SW- fine grain Black sand with rusty metal glass shards.	
DP	N/A	S	6.5 7.0 7.5 8.0	(7-7.5) Dark Brown to grey silt. (7.5-10) Light Brown to grey fine grain silica Sand, some vegetation.	
DP	N/A	S	8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0	SOIL BORING TERMINATED 10 ft BGS.	
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	G-3	01-3134-000-0330

Site Address:	Borehole Start Date: 4-Feb-14	Borehole Start Time: 12:28 ☐ AM ☑ PM
1901 NW 20ST Miami FL	End Date: 4 Feb-14	End Time: 12:35 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.5) Brown sandy top soil (0.5-3) Tan to off white crushed limerock fill.	Samples not Collected
DP	N/A	M	2.5 3.0 3.5 4.0	(3-3.5) Tan silty sandy clay (3.5-4) Grey silty Sand. (4-4.25) Ash.	
DP	N/A	M S	4.5 5.0 5.5 6.0	(4.25-6.75) SW - Red fines with Rusted metal/glass + porcelain frags. ash @ 6-6.75. more ash content.	
DP	N/A	S	6.5 7.0 7.5 8.0	(6.75-7) Grey to light grey Native limestone.	
			8.5 9.0 9.5 10.0	SOIL BORING TERMINATED @ 7 Feet BGS.	
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	G-9	01-3134-000-0330

Site Address:	Borehole Start Date: 30-Jan-14	Borehole Start Time: 13:34 ☐ AM ☐ PM
1901 NW 20ST Miami, FL	End Date: 30-Jan-14	End Time: 13:36 ☐ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares.

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.5) Dark Brown silty topsoil (vegetation) (0.5-2) Off White crushed limerock fill	Samples not collected
DP	N/A	M	2.5 3.0 3.5 4.0	(2-2.5) Greenish Brown silt (2.5-3) Tan to orangish Limerock fill (3-5.5) SW. Rusty metals glass shards.	
DP	N/A	V S	4.5 5.0 5.5 6.0	ash @ 3 ft, @ 4.25 (5.5-6) Dark brown silty sand	
DP	N/A	S	6.5 7.0 7.5 8.0	(6-7) Light grey to grey fine grain sand silica sand with vegetation - (river bottom deposits 7 MP	
			8.5 9.0 9.5 10.0	SOIL BORING TERMINATED @ 7 Feet BGS	
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	G-10	01-3134-000-0330

Site Address:	Borehole Start Date: 27-Jan-14	Borehole Start Time: 13:55 ☐ AM ☑ PM
1901 NW 24 Ave, Miami, FL	End Date: 27-Jan-14	End Time: 14:00 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares.

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.5) Red terracotta Baseball field clay (0.5-1.5) Dark grey sandy topsoil (1.5-2) Grey fine grain sand with <10% SW some glass shards.	Samples not collected
DP	N/A	M D S	2.5 3.0 3.5 4.0	(2-4) Solid waste - rusty metal / glass shards	
DP	N/A	S	4.5 5.0 5.5 6.0	(4-5) Dark grey fine grain sand (5-5.5) Tan to light grey fine grain sand (5.5-6) Tan Native Lime stone (fine grain to medium grain sand with Limestone fragments (visible ooids)	
			6.5 7.0 7.5 8.0	Soil Boring terminated @ 6 feet BGS.	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	G-11	01-3134-000-0330

Site Address:	Borehole Start Date: 27-Jan-14	Borehole Start Time: 12:55 AM PM
1901 NW 24 AVE, Miami, FL	End Date: 27-Jan-14	End Time: 13:00 AM PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares.

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-1) Grey to dark grey sandy topsoil (vegetation) (1-2) Limerock fill. Grey to off white fine grain sand with medium to large limestone fragments.	Samples not collected
DP	N/A	M V	2.5 3.0 3.5 4.0	(2-4.5) Solid waste. rusty metal / glass shards. Sporatic clusters of ash throughout this interval.	
DP	N/A	S	4.5 5.0 5.5 6.0	(4.5-5) Light grey to tan silty sand (5-6) Native limestone. fine to medium grain tan sand with limestone fragments. (visible ooids)	
			6.5 7.0 7.5 8.0	Soil Boring Terminated @ 6 feet BGS	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	G-12	01-3134-000-0330

Site Address:	Borehole Start Date: 27-Jan-14	Borehole Start Time: 11:50 ☑ AM ☐ PM
1901 NW 24 AVE, Miami, FL	End Date: 27-Jan-14	End Time: 11:55 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	Dayia Balladares.

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-2) Dark grey to grey sandy top soil (vegetation)	Samples not collected
DP	N/A	M W	2.5 3.0 3.5 4.0	(2-5) NP Solid waste - rusty metals / glass shards. ash @ 2.5ft + 4 feet	
DP	N/A	S	4.5 5.0 5.5 6.0	(5-6.5) Light Brown to tan Silica Sand	
DP	N/A	S	6.5 7.0 7.5 8.0	(6-7) Tan to off white native limestone - fine to med grain sand with limestone frag. Soil Boring terminated @ 7 feet BGS.	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	G-13	01-3134-000-0330

Site Address:	Borehole Start Date: 27-Jan-14	Borehole Start Time: 10:05 ☑ AM ☐ PM
1901 NW 24 AVE, Miami, FL	End Date: 27-Jan-14	End Time: 1010 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares.

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	vegetation. (0-1.5) Layered fine grain sand, grey, terrecotta, Light Brown, Dark Brown. (1.5-2) off white limerock fill	samples not collected
DP	N/A	D	2.5 3.0 3.5 4.0	(2-5) Solid waste - Rusty metals & glass shards	
DP	N/A	M W	4.5 5.0 5.5 6.0	(5-6) Light grey to grey silt/clay (Strong Sulfur odor) (6-7) Grey to Light grey sand. with Lake/river bottom	
DP	N/A	S	6.5 7.0 7.5 8.0	vegetation. (Strong Sulfur odor) Soil Boring terminated @ 7ft BGS	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	G-14	01-3134-000-0330

Site Address:	Borehole Start Date: 27-Jan-14	Borehole Start Time: 10:40 ☑ AM ☐ PM
1901 NW 24 Ave, Miami, FL	End Date: 27-Jan-14	End Time: 10:45 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares.

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-1.5) Vegetation (grass) Fine grain silty sand · light Brown to grey (1.5-1.75) Dark Brown silty topsoil with Limestone fragments. (1.75-3.5) Mixed Limerock fill with Solid waste ~30-40%	No Samples collected
DP	N/A	D	2.5 3.0 3.5 4.0	Solid waste - rusty metals/glass shards. Limerock · Off white to white · large limestone fragments. (3.5-5.25) SOLID waste · 100% Rusty metals + glass fragments.	
DP	N/A	M W S	4.5 5.0 5.5 6.0	(5.25-5.5) Light grey/grey silty/clay. (5.5-6) Dark Brown to Black silty clay	
DP	N/A	S	6.5 7.0 7.5 8.0	(6-7) Light grey to Brown fine grain sand with Lake Bottom/River bottom vegetation. (Strong Sulfur odor) SOIL BORING TERMINATED @ 7 feet BGS.	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	G-15	01-3134-000-0330

Site Address:	Borehole Start Date: 28-Jan-14	Borehole Start Time: 11:30 ☑ AM ☐ PM
1901 NW 24 Ave Miami FL	End Date: 28-Jan-14	End Time: 11:35 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Bolladares.

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-1) Light grey fine grain sand with small limestone fragments. (1-4.5) Solid Waste	samples not collected
DP	N/A	D	2.5 3.0 3.5 4.0	(1-3) - orange/ reddish fines w/ rusted metal glass shards - with medium/ large limestone fragments (3-4.5) mostly ash - ~ 70% ash · glass + metal frag (30%)	
DP	N/A	M ▽ S	4.5 5.0 5.5 6.0	(4.5-5) Tan fine grain sand (5-5.5) Light Brown to tan silty sand (5.5-6) Grey to dark grey fine grain sand (6-7) Native limestone; tan to off white fine to	
DP	N/A	S	6.5 7.0 7.5 8.0	medium grain sand with limestone fragments Soil Boring terminated 7 feet BGS.	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	G-16	01-3134-000-0330

Site Address:	Borehole Start Date:	Borehole Start Time:	End Time:
1901 NW 24 Ave Miami FL	28 Jan 14	11:50 ☑ AM ☐ PM	11:55 ☑ AM ☐ PM
	End Date: 28 Jan 14		

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares.

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.75) Dark grey silty top soil (vegetation) (0.75-2) Light grey limerock fill mediums to large limestone fragments.	Samples not collected
DP	N/A	M ▽	2.5 3.0 3.5 4.0	(2-2.5) d+D - Brick fragments < 10% SW - glass + metal shards (2.5-4.5) SW - metal shards - glass fragments. ash @ 2.75-3.75	
DP	N/A	S	4.5 5.0 5.5 6.0	(4.5-4.75) Dark Brown fine grain sand. (4.75-5) Intermitten Light grey dark grey fine grain sand - (river deposits) (5-5.25) Dark grey silt	
			6.5 7.0 7.5 8.0	(5.25-5.75) muck (5.75-6) Native limestone, tan to off white med fine grain sand with limestone fragments.	
			8.5 9.0 9.5 10.0	SOIL BORING TERMINATED @ 6 feet BGS.	
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	~~MP-G-16~~ G-17	01-3134-000-0330
Site Address:	**Borehole Start Date:** 4-Feb-14	**Borehole Start Time:** 10:20 ☐ AM ☒ PM
1901 NW 20 ST, Miami, FL	**End Date:** 4-Feb-14	**End Time:** 10:25 ☐ AM ☒ PM
Environmental Contractor:	**Geologist's Name:**	**Environmental Technician's Name:**
SCS ES Consultants	Maria Pages	David Balladares.
Drilling Contractor / Method(s):	**Borehole Diameter (inches):**	**Diposition of Drill Cuttings:**	**Borehole Completion:**
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-1) Dark Brown to grey sandy topsoil with small limestone frags (1-4) Off white to tan crushed limerock fill	Samples not collected
DP	N/A	D	2.5 3.0 3.5 4.0		
DP	N/A	M W S	4.5 5.0 5.5 6.0	(4-6) SW - rusted metals, glass shards. (6-6.5) Off white silty sand	
DP.	N/A	S	6.5 7.0 7.5 8.0	(6.5-7) offwhite to tan Native limestone, fine grain sand with limestone frag (visible oolds) SOIL BORING TERMINATED @ 7 Feet BGS.	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	G-18	01-3134-000-0330

Site Address:	Borehole Start Date: 4 Feb 14	Borehole Start Time: 8:57 ☑ AM ☐ PM
190 NW 20ST, Miami, FL	End Date: 4-Feb-14	End Time: 9:00 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5	(0-1) Dark Brown silty topsoil	Samples not collected
			1.0	(1-3.5) Light grey to tan crushed limerockfill	
			1.5		
			2.0		
DP	N/A	M	2.5		
			3.0		
			3.5	(3.5-4) Dark grey silt/clay.	
		D	4.0	(4-5) grey to tan fine grain silica sand intermitten layers.	
DP	N/A	S	4.5		
			5.0	(5-6) off white Native limestone, fine to medium grain sand with limestone frag (visible ooids)	
			5.5		
			6.0		
			6.5		
			7.0		
			7.5		
			8.0	SOIL BORING TERMINATED at 6 Feet BGS.	
			8.5		
			9.0		
			9.5		
			10.0		
			10.5		
			11.0		
			11.5		
			12.0		
			12.5		
			13.0		
			13.5		
			14.0		
			14.5		
			15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	EG-19	01-3134-000-0330
Site Address:	**Borehole Start Date:** 4-Feb-14	**Borehole Start Time:** 9:04 ☑ AM ☐ PM
1901 NW 20 ST Miami, FL	**End Date:** 4-Feb-14	**End Time:** 9:08 ☑ AM ☐ PM
Environmental Contractor:	**Geologist's Name:**	**Environmental Technician's Name:**
SCS ES Consultants	Maria Pages	David Balladares.
Drilling Contractor / Method(s):	**Borehole Diameter (inches):**	**Diposition of Drill Cuttings:**	**Borehole Completion:**
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.5) Light grey sandy topsoil (0.5-3.5) Light grey to off white crushed limerock fill Small rusted metal fragment @ 3.25	Samples not collected
DP	N/A	M V S	2.5 3.0 3.5 4.0	(3.5-4) Off white crushed limerock fill (4-5) Tan to Light grey silty sand	
DP	N/A	S	4.5 5.0 5.5 6.0	(5-5.5) grey fine grain silica sand (5.5-6) Matte limestone (Tan to grey / off white) fine to medium grain sand with limestone frag. visible ooids.	
			6.5 7.0 7.5 8.0	SOIL BORINGS TERMINATED @ 6 Feet BGS.	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	G-20	01-3134-000-0330

Site Address:	Borehole Start Date: 4-Feb-14	Borehole Start Time: 9:11 ☐ AM ☐ PM
1901 NW 20 ST, Miami FL	End Date: 4-Feb-14	End Time: 9:15 ☐ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.5) Dark Brown sandy topsoil (0.5-3) Tan to OFF white crushed lime rock fill	samples not collected
DP	N/A	D	2.5 3.0 3.5 4.0	Refusal possibled dedrock for the sea wall.	
			4.5 5.0 5.5 6.0	Soil Boring terminated 3 feet BGS.	
			6.5 7.0 7.5 8.0		
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting
Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS

SOIL BORING

LOGS

"H"

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	H-1	01-3134-000-0330

Site Address:	Borehole Start Date: 31-Jan-14	Borehole Start Time: 11:15 ☐ AM ☐ PM
1901 NW 20ST, Miami, FL	End Date: 31-Jan-14	End Time: 11:18 ☐ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 – 1.0 – 1.5 – 2.0	(0-1) Brown to greenish silty topsoil with some small limestone fragments. (1-3) Grey to dark grey Sandy topsoil mixed w/ off white crushed limerock fill	Samples not collected
DP	N/A	M	2.5 – 3.0 – 3.5 – 4.0	(3-6) SW (3-5) SW Rusty metals / glass shards	
DP	N/A	D / S	4.5 – 5.0 – 5.5 – 6.0	(4.5-5) ash (5-6) C&D - concrete & Brick (red) fragments. some metal shards.	
DP	N/A	S	6.5 – 7.0 – 7.5 – 8.0	(6-6.5) Dark Brown to light grey silty sand. (6.5-8) Native Limestone, off white to tan.	
			8.5 – 9.0 – 9.5 – 10.0	Soil Boring terminated 7 feet BGS	
			10.5 – 11.0 – 11.5 – 12.0		
			12.5 – 13.0 – 13.5 – 14.0		
			14.5 – 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	H-2	01-3134-000-0330

Site Address:	Borehole Start Date: 30-Jan-14	Borehole Start Time: 11:45 ☑ AM ☐ PM
1901 NW 20ST, Miami, FL	End Date: 30-Jan-14	End Time: 11:50 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.5) Dark Brown to grey silty top soil (vegetation) (0.5-4) Light grey to grey silty ~~top~~ crushed limerock)	Samples not collected
DP	N/A	M D	2.5 3.0 3.5 4.0		
DP	N/A	S	4.5 5.0 5.5 6.0	(4-5.5) SW glass / rooty glass fragments. ash @ 4.25 ash @ 5-5.5 (5.5-6) Light grey to grey silica sand with vegetation (river bottom sediments / deposits)	
			6.5 7.0 7.5 8.0	SOIL BORING TERMINATED @ 6 Feet BGS.	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name: Curtis Park	Sample Location ID: H-3	Miami-Dade County Folio Number: 01-3134-000-0330
Site Address: 1901 NW 20 ST, Miami, FL	Borehole Start Date: 31/Jan/14 End Date: 31/Jan/14	Borehole Start Time: 11:21 ☑ AM ☐ PM End Time: 11:25 ☑ AM ☐ PM
Environmental Contractor: SCS ES Consultants	Geologist's Name: Maria Pages	Environmental Technician's Name: David Balladares
Drilling Contractor / Method(s): JAEE / GeoProbe	Borehole Diameter (inches): 3	Diposition of Drill Cuttings: Drum
Borehole Completion: Fine Grain Sand		

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.5) Dark Brown silty top soil (0.5-2.5) off white crushed limerock fill	Samples not collected
DP	N/A	M	2.5 3.0 3.5 4.0	(2.5-3.5) Brown silty topsoil with some small limestone fragments. (3.5-6.5) SW - rusty metals - glass fragments, ceramic tile fragments.	
DP	N/A	S	4.5 5.0 5.5 6.0		
DP	N/A	S	6.5 7.0 7.5 8.0	(6.5-6.75) light tan to Brown fine grain silica sand (6.75-7) Native limestone off white to tan.	
			8.5 9.0 9.5 10.0	SOIL BORING TERMINATED @ 7 FT BGS.	
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	H-4	01-3134-000-0330

Site Address:	Borehole Start Date: 31-Jan-14	Borehole Start Time: 11:28 ☑ AM ☐ PM
1901 NW 20St Miami, FL	End Date: 31-Jan-14	End Time: 11:31 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares.

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 – 2.0	(0-0.75) Dark Brown silty topsoil (vegetation) (0.75-3.5) Grey to light grey sandy top soil mixed crushed limerock fill	Samples not collected
DP	N/A	M D	2.5 – 4.0	(3.5-7.5) SW - Rusty metals, glass shards. ash @ 4ft, at 5.5-6	
DP	N/A	S	4.5 – 6.0		
DP	N/A	S	6.5 – 8.0	(7.5-7.75) light grey to grey silica sand (7.75-8) Native limestone, difficult to drill.	
			8.5 – 10.0		
			10.5 – 12.0	SOIL BORING TERMINATED @ 8 ft BGS.	
			12.5 – 14.0		
			14.5 – 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	H-5	01-3134-000-0330

Site Address:	Borehole Start Date: 31-Jan-14	Borehole Start Time: 11:35 ☑ AM ☐ PM
1901 NW 20ST, Miami, FL	End Date: 31-Jan-14	End Time: 11:41 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Ballesteros

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	Dark Brown sandy topsoil (0-0.5) vegetation (0.5-3.5) Light grey to off white crushed lime rock fill (3.5-7.5) SW rusty metals, glass shards, file fragments.	Samples not collected
DP	N/A	M ▽	2.5 3.0 3.5 4.0		
DP	N/A	S	4.5 5.0 5.5 6.0	greater ash content (4.5-7.5)	
DP	N/A	S	6.5 7.0 7.5 8.0	(7.5-7.75) grey ~~sandy~~ silica sand, (7.75-8) native limestone, off white to tan.	
			8.5 9.0 9.5 10.0	SOIL BORING TERMINATED 8 FT BGS.	
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	H-4	01-3134-000-0330

Site Address:	Borehole Start Date: 31-Jan-14	Borehole Start Time: 11:45 ☑ AM ☐ PM
1901 NW 20ST, Miami, FL	End Date: 31-Jan-14	End Time: 11:48 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5	(0-0.5) Dark Brown silty topsoil	Samples not collected
			1.0	(0.5-3.5) Grey to offwhite crushed limerock fill	
			1.5		
			2.0		
DP	N/A	M	2.5		
			3.0		
			3.5	(3.5-6.5) SW: rusty metals, glass shards, brick + tile fragments.	
			4.0		
DP	N/A	▽ S	4.5	ash @ 3.5-4	
			5.0		
			5.5		
			6.0		
DP	N/A	S	6.5	(6.5-7) Light Brown fine grain sand	
			7.0	(7-7.75) Light Grey to tan silica sand	
			7.5		
			8.0	(7.75-8) Native limestone, offwhite to tan.	
			8.5		
			9.0		
			9.5		
			10.0		
			10.5		
			11.0		
			11.5		
			12.0	SOIL BORING TERMINATED @ 8 FT BGS.	
			12.5		
			13.0		
			13.5		
			14.0		
			14.5		
			15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	H-7	01-3134-000-0330

Site Address:	Borehole Start Date:	Borehole Start Time:	End Time:
1901 NW 20ST, Miami FL	31/Jan-2014	11:32 ☑ AM ☐ PM	11:56 ☐ AM ☑ PM
	End Date: 31/Jan-2014		

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.25) Dark Brown silty topsoil (0.25-3.5) Grey to off white crushed limerock fill	Samples not collected
DP	N/A	M	2.5 3.0 3.5 4.0	(3.5-6) SW- Rusty metals, glass shards, tile & Brick fragments	
DP	N/A	M S	4.5 5.0 5.5 6.0	greater ash content between (4-6 ft BGS)	
DP	N/A	S	6.5 7.0 7.5 8.0	(6-7) Light Brown fine grain sand (7-7.75) Light grey to tan fine grain silica sand. (7.75-8) Native Limestone - off white to tan.	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0	SOIL BORING TERMINATED @ 8 FT BGS.	
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	H-8	01-3134-000-0330

Site Address:	Borehole Start Date: 31-Jan-14	Borehole Start Time: 11:56 ☑ AM ☐ PM
1901 NW 20ST, Miami FL	End Date: 31-Jan-14	End Time: 12:59 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.75) Dark Brown silty topsoil (vegetation) (0.75-3) Grey soft white crushed limerock fill	Samples not collected
DP	N/A	M	2.5 3.0 3.5 4.0	(3-6) SW - Rusty metal / glass shards.	
DP	N/A	M S	4.5 5.0 5.5 6.0	(5-6) Higher ash content	
DP.	N/A	S	6.5 7.0 7.5 8.0	(6-6.5) crushed concrete - concrete fragments. (6.5-7) Native lime stone oolitic to Tan.	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0	San Boring terminated @ 7ft BGS.	
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	H-9	01-3134-000-0330

Site Address:	Borehole Start Date: 30 Jan 14	Borehole Start Time: 13:26 ☐ AM ☑ PM
1901 NW 20ST, Miami, FL	End Date: 30 Jan 14	End Time: 13:30 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 – 1.0 – 1.5 – 2.0	(0-0.75) Light grey to grey sandy topsoil (vegetation) (0.75-3.5) Light grey to off white crushed limerock fill.	Samples not collected
DP	N/A	M	2.5 – 3.0 – 3.5 – 4.0	(3.5-4) SW. ~80% ash rusty metals, glass shards. (4-6) SW - rusty metals/glass.	
DP	N/A	W S	4.5 – 5.0 – 5.5 – 6.0		
DP	N/A	S	6.5 – 7.0 – 7.5 – 8.0	(6-7) Native limestone - off white to tan. SOIL BORING TERMINATED @ 7 Feet BGS.	
			8.5 – 9.0 – 9.5 – 10.0		
			10.5 – 11.0 – 11.5 – 12.0		
			12.5 – 13.0 – 13.5 – 14.0		
			14.5 – 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	H-10	01-3134-000-0330

Site Address:	Borehole Start Date: 27-Jan-2014	Borehole Start Time: 14:10 ☐ AM ☒ PM
1901 NW 24 AVE, Miami, FL	End Date: 27-Jan-2014	End Time: 14:15 ☐ AM ☒ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares.

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.5) Red Terracotta Baseball field Clay. (0.5-1) Dark Brown silty top soil (1-1.5) ~~Fill~~ MD Crushed concrete - Brick fragments. (1.5-5.5) Solid waste - rusty metal / glass shards.	No samples collected
DP	N/A	M	2.5 3.0 3.5 4.0		
DP	N/A	S	4.5 5.0 5.5 6.0	(4-5.5) Black SW - ASH some glass + metal fragments (5.5-6) Grey to Light Brown silty sand.	
DP	N/A	S	6.5 7.0 7.5 8.0	(6-7) Native Limestone - tan to offwhite fine to medium grain sand with Limestone fragments SOIL BORING TERMINATED at 7 feet BGS.	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	H-11	01-3134-000-0330

Site Address:	Borehole Start Date: 27-Jan-14	Borehole Start Time: 12:45 ☐ AM ☑ PM
1901 NW 24 AVE, Miami, FL	End Date: 27-Jan-14.	End Time: 12:50 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares.

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-2.5) Grey to dark grey sandy top soil (vegetation)	Samples not collected
DP	N/A	D	2.5 3.0 3.5 4.0	(2.5-3.5) Dark Grey sandy top soil with limestone fragments. (3.5-6.5) Solid waste - 100% rusty metals / glass shards.	
DP	N/A	M ?	4.5 5.0 5.5 6.0		
DP	N/A	S	6.5 7.0 7.5 8.0	(6.5-8) Light grey to grey fine grain sand.	
			8.5 9.0 9.5 10.0	Soil boring terminated @ 8ft BGS.	
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	H-12	01-3134-000-0330

Site Address:	Borehole Start Date:	Borehole Start Time:	End Time:
1901 NW 24 AVE, Miami, FL	27-Jan-14	12:00 ☐ AM ☑ PM	End Date: 27-Jan-14 12:05 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-1.75) Dark grey to Brown silty topsoil (1.75-2.5) C+D with <10% glass fragments.	Samples not collected.
DP	N/A	M D	2.5 3.0 3.5 4.0	(2.5-6.5) Solid waste - rusty metal / glass shards. 2inches of ash @ 2.75	
DP	N/A	S	4.5 5.0 5.5 6.0		
DP	N/A	S	6.5 7.0 7.5 8.0	(6.5-8) ~ 80% Ash with some solid waste - metal + glass shards tile (20%)	
DP	N/A	S	8.5 9.0 9.5 10.0	(8-15') Dark grey to grey fine grain sand	
DP	N/A	S	10.5 11.0 11.5 12.0		
DP	N/A	S	12.5 13.0 13.5 14.0		
DP	N/A	S	14.5 15.0	SOIL BORING TERMINATED @ 15 feet BGS	

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	H-13	01-3134-000-0330

Site Address:	Borehole Start Date: 27-Jan-14	Borehole Start Time: 10:15 ☑ AM ☐ PM
1901 NW 24 AVE Miami, FL	End Date: 27-Jan-14	End Time: 10:20 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-2) Brown to reddish Brown fine grain sand	Samples not collected
DP	N/A	D	2.5 3.0 3.5 4.0	(2-3.5) Light Brown to Brown silty topsoil - 3.5-4) Light Brown to Brown fine grain sand with Limestone fragments	
DP	N/A	M W S	4.5 5.0 5.5 6.0	~~(4-4.75)~~ (4-6) Limerock fill Dark Brown to Brown fine grain sand with Large Limestone fragments. MT (6-6.75) Solid waste - rusty metal & glass shards (6.75-7) Light grey to grey clay/silty	
DP	N/A	S	6.5 7.0 7.5 8.0	very bottom of 7 Native limestone.. SOIL BORING TERMINATED @ 7 ft BGS.	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	H-14	01-3134-000-0330

Site Address:	Borehole Start Date: 27-Jan-14	Borehole Start Time: 10:25 ☑ AM ☐ PM
1901 NW 24 Ave, Miami, FL	End Date: 27-Jan-14	End Time: 10:30 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 – 2.0	0-3 fine grain silty sand - grey to light brown - some baseball field clay.	Samples Not Collected
DP	N/A	D M	2.5 – 4.0	(3-5 feet) mixed layers: limerock fill with solid waste. approx 25% solid waste - rusty metal/glass shards.	
DP	N/A	▽ S	4.5 – 6.0	(5-6) Light grey/fine grain silica sand to grey	
DP	N/A	S	6.5 – 7.0	(6-7) Dark Brown to Black - Lake/River bottom sediments w/ vegetation - Strong sulfur odor	
			7.5 – 8.0	Soil Boring terminated @ 7 BGS.	
			8.5 – 10.0		
			10.5 – 12.0		
			12.5 – 14.0		
			14.5 – 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	H-15	01-3134-000-0330

Site Address:	Borehole Start Date: 28 Jan 14	Borehole Start Time: 12:10 ☐ AM ☑ PM
801 NW 24 Ave Miami FL	End Date: 28 Jan 14	End Time: 12:15 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares.

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5	(0-2) Dark Brown silty topsoil (vegetation)	Samples not collected
			1.0		
			1.5	(2-3) Limerock fill. Dark brown to brown fine grain sand with large limestone fragments.	
			2.0		
DP	N/A	M	2.5	(3-5) Solid waste - rusty metal/glass shards.	
			3.0		
		▽	3.5	(4-4.5) Ash	
			4.0		
DP	N/A	S	4.5		
			5.0	(5-5.5) Dark grey silty sand	
			5.5	(5.5-6.75) Dark grey to grey silica sand	
			6.0	(6.75-7) Native limestone tan to off white	
DP	N/A	S	6.5	fine to medium grain sand with limestone fragments. (visible oolids)	
			7.0		
			7.5		
			8.0	SOIL BORING TERMINATED @ 7 feet BGS.	
			8.5		
			9.0		
			9.5		
			10.0		
			10.5		
			11.0		
			11.5		
			12.0		
			12.5		
			13.0		
			13.5		
			14.0		
			14.5		
			15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	H-16	01-3134-000-0330

Site Address:	Borehole Start Date: 28-Jan-14	Borehole Start Time: 12:00 ☐ AM ☑ PM
1901 NW 24 Ave Miami FL	End Date: 28-Jan-14	End Time: 12:05 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.5) Dark Brown silty topsoil (vegetation) (0.5-4.25) Solid Waste (0.5-3) Rusty colored fines with rusted metals glass fragments w/ small brick fragments	samples not collected
DP	N/A	M W	2.5 3.0 3.5 4.0	(3-4.25) Black fines w/ glass metal fragments. (3.75-4) ash	
DP	N/A	S	4.5 5.0 5.5 6.0	(4.25-4.75) Intermitten grey light grey fine grain sand (river deposits) (4.75-5.5) Muck. (5.5-5.75) Dark grey/grey fine grain silica sand	
			6.5 7.0 7.5 8.0	(5.75-6) Native limestone, tan to offwhite fine grain sand with limestone fragments. SOIL BORING TERMINATED @ 6 Feet BGS.	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS

SOIL BORING

LOGS

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CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	I-1	01-3134-000-0330

Site Address:	Borehole Start Date: 3-Jan-2014	Borehole Start Time: 8:45 ☑ AM ☐ PM
1901 NW 20 ST Miami, FL	End Date: 30-Jan-2014	End Time: 8:50 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-2.5) Dark Brown silty topsoil with Limestone frag (0.5-2.5) small rusty metal fragments (1-2.5) < 5%	Samples not collected
DP	N/A	D	2.5 3.0 3.5 4.0	(0.5-4) Crushed Lime rock fill (offwhite to tan)	
DP	N/A	M W	4.5 5.0 5.5 6.0	(4-4.5) Light grey to Brown fine grain sand (4.5-6.0) SW - Glass metal/rusty metal shards (5.5-6) Ash	
DP	N/A	S	6.5 7.0 7.5 8.0	(6-6.5) Light Brown to grey silty sand SOIL BORINGS TERMINATED @ 6FT	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	I-2	01-3134-000-0330

Site Address:	Borehole Start Date: 30-Jan-2014	Borehole Start Time: 8:55 ☑ AM ☐ PM
1901 NW 20ST Miami, FL	End Date: 30-Jan-2014	End Time: 8:57 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.5) Dark Brown silty top soil (vegetation) (0.5-1.75) off white crushed lime rock fill (1.75-2.5) fine grain light to Brown sand	samples not collected
DP	N/A	D M	2.5 3.0 3.5 4.0	(2.5-6.5) SW - rusted metal, glass frag/shards (3.5-4) Ash @ 4 Teal Blue fragment (unidentificible)	
DP	N/A	M	4.5 5.0 5.5 6.0	(4.5-5) Crushed limerock fill (5-6.5) Red Brick	
DP	N/A	M	6.5 7.0 7.5 8.0	(6.5-7) Dark Brown to Brown silty sand Soil Boring Terminated @ 7 feet BGS.	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0	determine could not ~~note~~ the saturated zone due to SW (Brick crushed limerock)	
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	I-3	01-3134-000-0330

Site Address:	Borehole Start Date: 30 Jan 2014	Borehole Start Time: 903 ☑ AM ☐ PM
1901 NW 20ST, Miami, FL	End Date: 30 Jan 2014	End Time: 9:08 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares.

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.5) Dark Brown silty top soil (0.5-1.5) off white crushed limerock fill (1.5-4) light grey to off white silty crushed limerock (4.5-5) Dark grey silty sand	Samples not collected
DP	N/A	M V	2.5 3.0 3.5 4.0	(5-6.5) SW - metal/rusty metal shards (little glass shards) @ 5.25 - Roots (5.75-6) Ash	
DP	N/A	S	4.5 5.0 5.5 6.0	(6.5-7) Dark Br to Brown grey silty sand (7-8) Native limerock - tan to off white fine to medium grain	
DP	N/A	S	6.5 7.0 7.5 8.0		
			8.5 9.0 9.5 10.0	SOIL BORING TERMINATED @ 8 feet BGS.	
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	I-4	01-3134-000-0330

Site Address:	Borehole Start Date: 30-Jan-14	Borehole Start Time: 9:12 ☑ AM ☐ PM
1901 NW 20ST, Miami, FL	End Date: 30-Jan-14	End Time: 9:16 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Ballaclaves

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.5) Dark Brown silty topsoil (vegetation) (0.5-2) Grey to light grey crushed limerock fill (medium to large limestone fragments)	Samples not collected
DP	N/A	M	2.5 3.0 3.5 4.0	(2-2.5) Dark grey silty sand (some SW - rusted metal (2.5-4) Tan to off off white crushed limerock fill (<5%)	
DP	N/A	M W	4.5 5.0 5.5 6.0	(4-4.5) SW-ASH some metal fragments (4.5-5.75) SW - rusty metal glass shards. (5.75-6) Dark grey silty sand (6-6.5) Off white to tan Native limestone - visible ooids	
DP	N/A	S	6.5 7.0 7.5 8.0	SOIL BORING TERMINATED @ 6.5FT BGS.	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	I-5	01-3134-000-0330

Site Address:	Borehole Start Date: 30-Jan-14	Borehole Start Time: 9:22 ☑ AM ☐ PM
1901 NW 20ST Miami, FL	End Date: 30-Jan-14	End Time: 9:25 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares.

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.5) Dark Brown to grey sand top soil (vegetation) (0.5-1.5) Grey to light grey sandy crushed limerock fill (medium to large limestone fragments) (1.5-2) Off white crushed limerock fill	Samples not collected
DP	N/A	D	2.5 3.0 3.5 4.0	(2-3.5) Brown to grey sand with ~25% SW some glass shards / rusty metal (3.5-4) Ash - some glass shards	
DP	N/A	M D S	4.5 5.0 5.5 6.0	(4-5) SW - rusty metal, glass shards. larger chunks of ash throughout this section (5-5.25) Silty Brown to Black (small very small shell trap) river bottom	
			6.5 7.0 7.5 8.0	(5.25-5.75) Dark brown to Black muck (silty) (strong sulfur) (5.75-6) Grey fine grain silica sand vegetation (river bottom deposits)	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0	Soil Boring terminated @ 6 feet BGS.	
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	I-6	01-3134-000-0330

Site Address:	Borehole Start Date: 30-Jan-14	Borehole Start Time: 10:50 ☑ AM ☐ PM
1901 NW 20 ST, Miami, FL	End Date: 30-Jan-14	End Time: 10:55 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares.

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.5) Dark Brown silty topsoil (vegetation (0.5-1.25) Light grey crushed limerock fill (1.25-2) SW- rusty metal/glass shards (~40%) mixed with medium to large limestone fragments	Samples not collected
DP	NA	M D	2.5 3.0 3.5 4.0	(2-3) offwhite to tan crushed limerock fill (3-4) offwhite/to tan silty limerock fill (4-6) SW- mostly Ash - some glass/metal shards	
DP	N/A	S	4.5 5.0 5.5 6.0	(4.5-6.25) SW - mixed with River bottom deposits. (metals with graded bedding (small shell frag) (strong sulfur odor (6.25-6.5) Dark Brown to Black silty sand	
DP	N/A	S	6.5 7.0 7.5 8.0	(6.5-7) Dark grey silty sand with river bottom vegetation. (very small shell fragments)	
			8.5 9.0 9.5 10.0	SOIL BORING TERMINATED 7 FT BGS	
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	I-7	01-3134-000-0330

Site Address:	Borehole Start Date: 30-Jan-14	Borehole Start Time: 11:10 ☑ AM ☐ PM
1901 NW 20ST, Miami, FL	End Date: 30-Jan-14	End Time: 11:15 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Banadares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.5) Dark Brown silty top soil (vegetation. (0.5-1.75) Grey crushed limerock fill some small glass fragments @ 1.75 (1.75-3) off white crushed lime rock fill	Samples Not collected
DP	N/A	M D	2.5 3.0 3.5 4.0	(3-4) Tan to orangish tan fine gram sand w/ medium size limestone fragments.	
DP	N/A	S	4.5 5.0 5.5 6.0	(4-6.75) SW - Dark Brown/Black fines with rusty metal/glass shards. (6.75-7) Light grey to grey fine grain silica sand w/ vegetation (strong sulfur odor)	
DP	N/A	S	6.5 7.0 7.5 8.0	river bottom sediments.	
			8.5 9.0 9.5 10.0	SOIL BORING TERMINATED @ 7 FT BGS.	
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	I-B	01-3134-000-0330

Site Address:	Borehole Start Date: 30 Jan 14	Borehole Start Time: 11:20 ☑ AM ☐ PM
1901 NW 20 St, Miami, FL	End Date: 30 Jan 14	End Time: 11:24 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares.

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	NA	D	0.5 1.0 1.5 2.0	(0-0.75) Dark Brown silty top soil (vegetation) (0.75-2) off white crushed limerock fill	Samples not collected
DP	N/A	D M P	2.5 3.0 3.5 4.0	(2-2.5) Dark Brown fines mixed with crushed limerock fill. (2.5-3) Tan fine grain sand w/ medium silt limestone fragments.	
DP	N/A	S	4.5 5.0 5.5 6.0	(3-5.25) SW - rusty metal / glass shards / porcelain tile fragments, multi colored glass. (5-5.25) large Red Brick fragments. (5.25-5.5) orange fine grain carbonate sand (5.5-6.5) fine grain grey to light grey sand	
DP	N/A	S	6.5 7.0 7.5 8.0	~~(5.25~~(6.5-7) Native Limestone - off white fine to medium grain sand with Limestone fragments. MP.	
			8.5 9.0 9.5 10.0	Soil Boring terminated @ 7 ft BGS.	
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	I-9	01-3134-000-0330

Site Address:	Borehole Start Date: 30-Jan-14	Borehole Start Time: 1136 ☑ AM ☐ PM
1901 NW 20ST, Miami, FL	End Date: 30-Jan-14	End Time: 1140 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares.

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.5) Dark Brown silty topsoil (0.5-2) off white crushed limerock fill (2-5.5) Solid waste - metal/rusty metal shards glass shards.	Samples not collected
DP	N/A	D M D	2.5 3.0 3.5 4.0	ash between (3.5-3.75) concrete (3.75-4)	
DP	N/A	S	4.5 5.0 5.5 6.0	(5.5-5.75) Dark Brown to grey (Muck) very small (some grading) rock/shell fragments (strong sulfur odor) (Wet)	
DP	N/A	S	6.5 7.0 7.5 8.0	(5.75-7) Dark grey to grey silty sand with small very small rock shell fragments/ vegetation - strong sulfur odor.	
			8.5 9.0 9.5 10.0	Soil Boring terminated @ 7 feet DGS.	
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	I-11	01-3134-000-0330

Site Address:	Borehole Start Date: 4 Feb 14	Borehole Start Time: 11:00 ☑ AM ☐ PM
1901 NW 20ST, Miami, FL	End Date: 5 Feb 14	End Time: 11:10 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-2) Grey sandy limerock fill (crushed) (2-6.5) SW - (2-3.75) Rusted metals, glass shards (3.75-6.5) greaten ash content ~~with~~ mp with metal and glass shards.	Samples not collected
DP	N/A	M D	2.5 3.0 3.5 4.0		
DP	N/A	S	4.5 5.0 5.5 6.0		
DP	N/A	S	6.5 7.0 7.5 8.0	(6.5-7). Grey fine grain silica sand with vegetation	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	I-12	01-3134-000-0330

Site Address:	Borehole Start Date: 4-Feb-14	Borehole Start Time: 10:52 ☑ AM ☐ PM
1901 NW 20ST Miami, FL	End Date: 4-Feb-14	End Time: 10:55 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Ballaadares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5	(0-0.75) Dark Brown silty topsoil	samples not collected
			1.0	(0.75-1) Off white crushed limerock fill	
			1.5	(1-6.5) SW- Rusted metal / glass shards, porcelain, nails,	
		M	2.0		
DP	N/A	M	2.5	(4-6.5) Black matrix - < ash content.	
			3.0		
			3.5		
		S	4.0		
DP	N/A	S	4.5		
			5.0		
			5.5		
			6.0		
DP	N/A	S	6.5	(6.5-7) Grey to Light grey native limestone.	
			7.0		
			7.5		
			8.0	SOIL BORING TERMINATED @ 7 Feet BGS.	
			8.5		
			9.0		
			9.5		
			10.0		
			10.5		
			11.0		
			11.5		
			12.0		
			12.5		
			13.0		
			13.5		
			14.0		
			14.5		
			15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	I-13.	01-3134-000-0330

Site Address:	Borehole Start Date: 4-Feb-14	Borehole Start Time: 10:38 ☐ AM ☐ PM
1901 NW 20 ST MIAMI FL	End Date: 4 Feb 14	End Time: 10:42 ☐ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares.

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5	(0-0.25) Dark grey sandy top soil	Samples not collected
			1.0	(0.25-0.75) Grey to light grey crushed limerock fill	
			1.5	(0.75 - 4) SW:	
		M	2.0	(0.75-3.5) Rust metals with glass & porcelain shards.	
DP	N/A	▽	2.5		
			3.0	(3.5-4) mostly ash with metal and glass shards.	
		S	3.5		
			4.0		
			4.5		
			5.0	Refusal @ 4 feet.	
			5.5		
			6.0	SOIL BORING TERMINATED.	
			6.5		
			7.0		
			7.5		
			8.0		
			8.5		
			9.0		
			9.5		
			10.0		
			10.5		
			11.0		
			11.5		
			12.0		
			12.5		
			13.0		
			13.5		
			14.0		
			14.5		
			15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name: Curtis Park	Sample Location ID: I-14	Miami-Dade County Folio Number: 01-3134-000-0330
Site Address: 1901 NW 2nd Ave Miami FL	Borehole Start Date: 28-Jan-14 / End Date: 28-Jan-14	Borehole Start Time: 11:10 ☑ AM ☐ PM / End Time: 11:15 ☑ AM ☐ PM
Environmental Contractor: SCS ES Consultants	Geologist's Name: Maria Pages	Environmental Technician's Name: David Balladares.
Drilling Contractor / Method(s): JAEE / GeoProbe	Borehole Diameter (inches): 3	Diposition of Drill Cuttings: Drum
Borehole Completion: Fine Grain Sand		

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 – 2.0	(0-2) Light grey fine grain sand with small limestone fragments. (2-3.5) Dark grey fine grain sand with large limestone fragments.	Samples not collected
DP	N/A	M / D	2.5 – 4.0	(3.5-9) Solid waste- (3.5-7) Rusty to Dark brown fine grain sand with rusted metal, glass shards + small brick fragments.	
DP	N/A	S	4.5 – 6.0	(7-9) Dark Brown to Black- Solid waste- glass shards- metal fragments- ash @ 7.5	
DP	N/A	S	6.5 – 8.0		
DP	N/A	S	8.5 – 10.0	(9-11) Tan fine grain silica sand.	
DP	N/A	S	10.5 – 12.0	SOIL BORING TERMINATED @ 11 feet BGS.	
			12.5 – 14.0		
			14.5 – 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	I-15	01-3134-000-0330

Site Address:	Borehole Start Date: 28 Jan 14	Borehole Start Time: 11:00 ☑ AM ☐ PM
1901 NW 24 Ave Miami FL	End Date: 28 Jan 14	End Time: 11:05 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares.

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-0.75) Dark Brown silty topsoil (vegetation) (0.75-4) Lime rock fill - medium to coarse grain sand (tan to orange) with large limestone fragments.	Samples not collected
DP	N/A	M ▽	2.5 3.0 3.5 4.0		
DP	N/A	S	4.5 5.0 5.5 6.0	(4-6.5) SOLID WASTE - Dark brown to black fines. rusted metal/ glass fragments.	
DP	NA	S	6.5 7.0 7.5 8.0	(6.5-7) Native Limestone - fine to medium grain tan to off white with LS fragments ▽ SOIL BORING TERMINATED @ 7 Feet BGS.	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	I-16	01-3134-000-0330

Site Address:	Borehole Start Date: 28-Jan-14	Borehole Start Time: 11:40 ☑ AM ☐ PM
1901 SW 24 Ave Miami FL	End Date: 28-Jan-14	End Time: 11:45 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-2) Fine grain Grey to light grey sand with small to medium size limestone fragments. (vegetation) (SW)	Samples not collected
DP	N/A	M	2.5 3.0 3.5 4.0	(2-4) Rusty fines with rusted metal. glass shards small brick fragments.	
DP	N/A	D M S	4.5 5.0 5.5 6.0	(4-6) SW. Dark Brown to Black fines. with rusted metal. glass shards. ash (3 inches) at 5 feet	
DP	N/A	S	6.5 7.0 7.5 8.0	(6-6.5) Dark grey silt (6.5-7.5) Grey to dark grey fine grain silica Sand (7.5-8) Light grey to tan silty sand (8-8.5) Native Limestone, tan fine to medium grain Sand with limestone fragments.	
DP	N/A	S	8.5 9.0 9.5 10.0	SOIL BORING TERMINATED 8.5 Feet BGS.	
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	I-20	01-3134-000-0330

Site Address:	Borehole Start Date: 4 Feb 2014	Borehole Start Time: 10:00 ☑ AM ☐ PM
1901 NW 20ST Miami, FL	End Date: 4 Feb 2014	End Time: 10:15 ☐ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
HA	N/A	D	0.5 1.0 1.5 2.0	(0-1) Dark Brown sandy topsoil with small limestone fragments (vegetation) (1-2) Dark Brown sandy topsoil mixed with crushed limerock fill	Samples not collected. ↓
			2.5 3.0 3.5 4.0	SOIL BORING TERMINATED 2 feet BGS.	
			4.5 5.0 5.5 6.0	unable to access this area with geoprobe. Hand augered to 2 feet BGS.	
			6.5 7.0 7.5 8.0		
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	I-21	01-3134-000-0330

Site Address:	Borehole Start Date: 4-Feb-14	Borehole Start Time: 9:44 ☑ AM ☐ PM
1901 NW 20ST Miami FL	End Date: 4-Feb-14	End Time: 9:55 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares.

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
HA	N/A	D.	0.5 1.0 1.5 2.0	(0-0.5) Dark Brown silty topsoil with small limestone fragments (vegetation) (0.5-2) Dark Brown silty topsoil mixed with off white to tan crushed limerock fill	Samples not collected
			2.5 3.0 3.5 4.0		
			4.5 5.0 5.5 6.0	Unable to access with the geoprobe	
			6.5 7.0 7.5 8.0	Soil Boring terminated at 2 feet BGS.	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS

SOIL BORING

LOGS

"J"

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	J-14	01-3134-000-0330

Site Address:	Borehole Start Date: 4 Feb 2014	Borehole Start Time: 11:12 ☐ AM ☐ PM
1901 NW 24 ST, Miami, FL	End Date: 4 Feb 2014	End Time: 11:15 ☐ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Palladares.

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-2) Dark Brown Sandy topsoil with medium to large limestone fragments with <25% sm. glass and Rusty metal fragment.	Samples not Collected.
DP	N/A	M	2.5 3.0 3.5 4.0	(2-4) Tan crushed limerock fill. ash @ 2.5 ft ash @ 3.5 ft	
DP	N/A	S	4.5 5.0 5.5 6.0	(4-5) Grey silty clay. (5-5.5) Dark grey silica sand. (5.5-6) Native limestone. Tan to off white visable voids.	
			6.5 7.0 7.5 8.0	SOILBORING TERMINATED 6 Feet BGS.	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	J-15	01-3134-000-0330

Site Address:	Borehole Start Date: 4 Feb 14	Borehole Start Time: 11:50 ☑ AM ☐ PM
1901 NW 20ST, Miami, FL	End Date: 4 Feb 14.	End Time: 11:55 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares.

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5	(0-0.5) Dark Brown silty ~~lime~~ top soil (vegetation)	Samples not collected
			1.0	(0.5-1.75) Brown silty top soil mixed with crushed lime rock fill · some concrete fragments.	
			1.5		
			2.0		
DP	N/A	M	2.5	(1.75-2) Dark brown silt/clay · some small brick fragments.	
			3.0		
			3.5	(2-3) Light grey to tan silty Sand.	
			4.0		
DP	N/A	S	4.5	(3-4) Tan fine grain silica Sand.	
			5.0	(4.4-4.25) Muck	
			5.5		
			6.0	(4.25-6) Grey to Dark grey silica Sand with vegetation (river bottom sediments)	
DP	N/A	S	6.5		
			7.0	(6-7) Off white to tan Native Limestone	
			7.5		
			8.0		
			8.5	SOIL BORING TERMINATED 7 Feet BGS.	
			9.0		
			9.5		
			10.0		
			10.5		
			11.0		
			11.5		
			12.0		
			12.5		
			13.0		
			13.5		
			14.0		
			14.5		
			15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS

SOIL BORING

LOGS

"K"

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	K-14	01-3134-000-0330

Site Address:	Borehole Start Date: 4-Feb-14	Borehole Start Time: 11:20 ☑ AM ☐ PM
1901 NW 20ST, Miami, FL	End Date: 4-Feb-14	End Time: 11:23 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares.

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-2) Light grey crushed limerock fill.	samples not collected
DP	N/A	M D	2.5 3.0 3.5 4.0	(2-3) Dark grey crushed lime rock fill with some (<10%) SW rusted metal shards (3-4) Dark grey crushed limerock fill.	
DP	N/A	S	4.5 5.0 5.5 6.0	(4-4.5) Dark grey silt/clay (4.5-6) Native limestone - Tan to off white. visible ooids.	
			6.5 7.0 7.5 8.0	SOIL BORING TERMINATED @ 6FT BGS.	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	K-15	01-3134-000-0330

Site Address:	Borehole Start Date:	Borehole Start Time:	
901 NW 20 ST Miami, FL. David Balladeres.	4 Feb 14	11:40	☑ AM ☐ PM
	End Date: 4 Feb 14	End Time: 11:43	☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladeres.

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5	(0-0.75) Light grey sandy limerock fill	Samples not Collected
			1.0	(0.75-1) Asphalt chunks	
			1.5	(1-1.25) grey crushed limerock fill.	
			2.0	(1.25-1.5) Asphalt chunks	
DP	N/A	M	2.5	(1.5-2.25) Dark grey limerock fill	
			3.0	(2.25-4) Tan fine grain silica sand.	
			3.5	(4-4.5) off white silt/clay.	
			4.0	(4.5-5) Muck.	
DP	N/A	D/S	4.5	(5-5.25) off white/tan silty sand.	
			5.0	(5.25-6) Tan/off white native limestone.	
			5.5		
			6.0		
			6.5	SOIL BORING. Terminated @ 6 feet BGS.	
			7.0		
			7.5		
			8.0		
			8.5		
			9.0		
			9.5		
			10.0		
			10.5		
			11.0		
			11.5		
			12.0	Within a parking area EAST of the park- Asphalt chunks may be from former parking lot	
			12.5		
			13.0		
			13.5		
			14.0		
			14.5		
			15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS

SOIL BORINGS

LOGS

"L"

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	L-14	01-3134-000-0330

Site Address:	Borehole Start Date: 4-Feb-14	Borehole Start Time: 11:26 ☑ AM ☐ PM
1901 NW 20 ST, Miami, FL	End Date: 5-Feb-14	End Time: 10:30 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5	(0-0.5) Light grey to grey sandy top soil	Samples not Collected
			1.0		
			1.5	(0.5-1.5) Grey to offwhite crushed limerock fill	
			2.0	(1.5-2.25) Brown / greenish Brown silt.	
DP	N/A	M	2.5	(2.25-3) Native limestone - Tan to offwhite.	
			3.0	(3-3.5) Tan silty sand.	
		▽	3.5	(3.5-6) Native limestone, Tan to offwhite.	
			4.0		
DP	N/A	S	4.5		
			5.0		
			5.5		
			6.0		
			6.5	SOIL BORINGS TERMINATED 6 feet BGS.	
			7.0		
			7.5		
			8.0		
			8.5		
			9.0		
			9.5		
			10.0		
			10.5		
			11.0		
			11.5		
			12.0		
			12.5		
			13.0		
			13.5		
			14.0		
			14.5		
			15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	L-15	01-3134-000-0330

Site Address:	Borehole Start Date: 4-Feb-14	Borehole Start Time: 11:35 ☑ AM ☐ PM
1901 NW 20 St Miami, FL	End Date: 4-Feb-14	End Time: 11:40 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Balladares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / GeoProbe	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	N/A	D	0.5 1.0 1.5 2.0	(0-1.5) Light grey to off white crushed lime rock fill (1.5-2.25) Tan fine grain Silica Sand	Samples not collected
DP	N/A	M ▽	2.5 3.0 3.5 4.0	(2.25-2.75) off white silty sand ; (2.75-3.25) SW - rusted metal, glass shards. (3.25-3.5) Grey to tan silty sand	↓
DP	N/A	S	4.5 5.0 5.5 6.0	(3.5-6) Native Limestone, off white to tan.	
			6.5 7.0 7.5 8.0	SOIL BORING TERMINATED 6 Feet BGS	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

AREA #1

Baseball Perimeter.

Samples collected

25 - Feb. 14

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	SB-18	01-3134-000-0330

Site Address:	Borehole Start Date: 25-Feb-14	Borehole Start Time: 9:50 ☑ AM ☐ PM
1901 NW 24 Ave Miami, FL	End Date: 25-Feb-14	End Time: 9:58 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Ballardares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / Geoprobe (DP)	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	0.0-0.5 0.5-1.5 1.5-2	D	0.5 1.0 1.5 2.0	(0-0.5) Dark Brown silty topSoil (0.5-1.5) Off white crushed linerockfill (1.5-2) SW - rusty metals, glass shards, ash	SB-18 (0-0.5) 10:02
			2.5 3.0 3.5 4.0		SB-18 (0.5-1.5) 10:04
			4.5 5.0 5.5 6.0	SOIL BORING TERMINATED @ 2 feet BGS	SB-18 (1.5-2) 10:06
			6.5 7.0 7.5 8.0		
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	SB-19	01-3134-000-0330

Site Address:	Borehole Start Date: 25-Feb-14	Borehole Start Time: 12:50 ☐ AM ☑ PM
1901 NW 24 Ave, Miami FL	End Date: 25-Feb-14	End Time: 12:53 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Ballardares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / Geoprobe (DP)	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	0-0.75	D	0.5	(0-0.75) Dark Brown to brown sandy top soil (Vegetation)	SB-19 (0-0.75) 12:56
	0.75-2		1.0		
			1.5	(0.75-1.25) SW-. rusty metal, ash, glass shards,	
			2.0	(1.25-2) Off white fine grain silica Sand.	
			2.5		SB-19 (0.75-2) 12:58
			3.0		
			3.5		
			4.0	SOIL BORING TERMINATED @ 2 Feet BGS.	
			4.5		
			5.0		
			5.5		
			6.0		
			6.5		
			7.0		
			7.5		
			8.0		
			8.5		
			9.0		
			9.5		
			10.0		
			10.5		
			11.0		
			11.5		
			12.0		
			12.5		
			13.0		
			13.5		
			14.0		
			14.5		
			15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	SB-20	01-3134-000-0330

Site Address:	Borehole Start Date: 25-Feb-14	Borehole Start Time: 11:35 ☑ AM ☐ PM
1901 NW 24 ST Miami, FL.	End Date: 25-Feb-14	End Time: 11:38 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Ballardares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / Geoprobe (DP)	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	0.0-0.5 0.5-2	D	0.5 1.0 1.5 2.0	(0-0.5') Dark Brown silty top soil (0.5-2') SW. ash-glass shard, rusty metal fragments.	SB-20 (0-0.5) 11:45
			2.5 3.0 3.5 4.0	SOIL BORING TERMINATED @ 2FT BGS.	SB-20 (0.5-2) 11:47
			4.5 5.0 5.5 6.0		
			6.5 7.0 7.5 8.0		
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	SB-21	01-3134-000-0330

Site Address:	Borehole Start Date: 25-Feb-2014	Borehole Start Time: 11:45 ☑ AM ☐ PM
1901 NW 2nd Ave Miami FL	End Date: 25-Feb-2014	End Time: 11:49 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Ballardares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / Geoprobe (DP)	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	0-0.5 0.5-2	D.	0.5 1.0 1.5 2.0	(0-0.5) Dark Brown Sandy top soil (vegtation) <10% SW. rusty metal. (0.5-1.5) Dark Brow Sandy topsoil (with crushed limestone fragments.	SB-21 (0-0.5) 11:50
			2.5 3.0 3.5 4.0	(1.5-2) SW - rusty fragments/glass shards.	SB-21. 0.5-2 11:52
			4.5 5.0 5.5 6.0	SOIL BORING TERMINATED @ 2 Feet BGS	
			6.5 7.0 7.5 8.0		
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

AREA 1

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	SB-22	01-3134-000-0330
Site Address:	**Borehole Start Date:** 25-Feb-14	**Borehole Start Time:** 9:40 ☑ AM ☐ PM
1901 NW 24 ST, Miami, FL	**End Date:** 25-Feb-14	**End Time:** 9:44 ☑ AM ☐ PM
Environmental Contractor:	**Geologist's Name:**	**Environmental Technician's Name:**
SCS ES Consultants	Maria Pages	David Ballardares
Drilling Contractor / Method(s):	**Borehole Diameter (inches):**	**Diposition of Drill Cuttings:**	**Borehole Completion:**
JAEE / Geoprobe (DP)	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
HA	0-0.5 0.5-2	D	0.5 1.0 1.5 2.0	(0-1.75) Light grey to light brown sand with crushed lime rock fill. (1.75-2) SW- rusty metal fragments, ash, glass shards	SB-22 (0-0.5) 9:48
			2.5 3.0 3.5 4.0		SB-22 (0.5-1.5) 9:50
			4.5 5.0 5.5 6.0	SOIL BORING TERMINATED @ 2 feet	SB-22 (1.5-2) 9:52
			6.5 7.0 7.5 8.0		
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	SB-23	01-3134-000-0330

Site Address:	Borehole Start Date: 25-Feb.	Borehole Start Time: 11:27 ☑ AM ☐ PM
1901 NW 24 Ave Miami FL	End Date: 25-Feb	End Time: 11:31 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Ballardares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / Geoprobe (DP)	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	0-0.5 0.5-2	D.	0.5 1.0 1.5 2.0	(0-~~1~~) Light grey fine grain sand with limestone & concrete fragments. (~~1~~-~~3~~) sw. ash glass rusted metals.	SB-23 (0.5) 11:32
			2.5 3.0 3.5 4.0	SOIL BORING Terminated @ 3 feet BGS.	SB-23 (0.5-2) 11:34
			4.5 5.0 5.5 6.0		
			6.5 7.0 7.5 8.0		
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	SB - 24	01-3134-000-0330

Site Address:	Borehole Start Date: 25-Feb-14	Borehole Start Time: 11:36 ☑ AM ☐ PM
1901 NW 24 Ave Miami FL	End Date: 25-Feb-14	End Time: 11:40 ☐ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Ballardares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / Geoprobe (DP)	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	0-0.5	D	0.5	(0-0.5) Light Brown to Brown silty topsoil with ~30% SW-glass shards, rusty metal (vegetation)	SB-24 (0-0.5) 11:40
DP	0.5-2	D	1.0		
			1.5	(0.5-1.25) SW. Rusty metal, glass	
			2.0		
			2.5	(1.25-2) SW - Rusty metal, glass shards. greater ash content.	SB-24 (0.5-2) 11:42
			3.0		
			3.5		
			4.0		
			4.5		
			5.0		
			5.5		
			6.0	SOIL BORING TERMINATED @ 2 feet BGS.	
			6.5		
			7.0		
			7.5		
			8.0		
			8.5		
			9.0		
			9.5		
			10.0		
			10.5		
			11.0		
			11.5		
			12.0		
			12.5		
			13.0		
			13.5		
			14.0		
			14.5		
			15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	SB-25	01-3134-000-0330
Site Address:	**Borehole Start Date:** 25-Feb-14	**Borehole Start Time:** 11:08 ☐ AM ☐ PM
1901 NW 24 Ave Miami FL	**End Date:** 25-Feb-14	**End Time:** 11:13 ☐ AM ☐ PM
Environmental Contractor:	**Geologist's Name:**	**Environmental Technician's Name:**
SCS ES Consultants	Maria Pages	David Ballardares
Drilling Contractor / Method(s):	**Borehole Diameter (inches):**	**Diposition of Drill Cuttings:**	**Borehole Completion:**
JAEE / Geoprobe (DP)	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	0-0.5	D	0.5	(0-0.5) Red Base ball clay (vegetation)	SB-25 (0-0.5) 11:15
	0.5-2		1.0	(0.5-1) sw. ash metal shards. glass.	
			1.5	(1-2) crushed limerock fill off white to tan to grey.	
			2.0		
			2.5	(2-2.5) off white to tan fine grain silica sand.	SB-25 (0.5-2) 11:17
			3.0		
			3.5		
			4.0		
			4.5	SOIL BORING TERMINATED @ 20 Ft BGS.	
			5.0		
			5.5		
			6.0		
			6.5		
			7.0		
			7.5		
			8.0	+ Solid waste observed on the surface	
			8.5		
			9.0		
			9.5		
			10.0		
			10.5		
			11.0		
			11.5		
			12.0		
			12.5		
			13.0		
			13.5		
			14.0		
			14.5		
			15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	SB-26	01-3134-000-0330

Site Address:	Borehole Start Date:	Borehole Start Time:	End Time:
1901 NW 24 Ave, Miami FL	25-Feb-14	11:18 ☑ AM ☐ PM	11:21 ☑ AM ☐ PM
	End Date: 25-Feb-14		

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Ballardares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / Geoprobe (DP)	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	0-0.5 0.5-1 1-2	D	0.5 1.0 1.5 2.0	(0-0.5) Dark Brown to grey Sandy top soil (0.5-1) Dark Brown to grey sandy topsoil with limestone fragments. (1-2) SW - Dusty metal shards, ash & glass shards.	SB-26 (0-0.5) 11:21
			2.5 3.0 3.5 4.0		SB-26 (0.5-1) 11:23
			4.5 5.0 5.5 6.0	Soil Boring terminated @ 2 feet BGS.	SB-26 (1-2) 11:25
			6.5 7.0 7.5 8.0		
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

Area #2

Base ball field

Samples collected.

25/Feb/2014

Area #2

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	SB-27	01-3134-000-0330

Site Address:	Borehole Start Date: 25-Feb-14	Borehole Start Time: 10:20 ☑ AM ☐ PM
1901 NW 2nd Ave, Miami, FL	End Date: 25-Feb-14	End Time: 10:23 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Ballardares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / Geoprobe (DP)	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP.	0-1 1-1.5 1.5-2.5	D	0.5 1.0 1.5 2.0	(0-0.5) Dark Brown silty top soil (vegetation) (0.5-1.5) Dark Brown Sandy top soil with crushed limerock fill. (1.5-2.5) SW - rusty metals, glass shards & Ash	SB-27 (0-1) 10:27
			2.5 3.0 3.5 4.0		SB-27 (1-1.5) 10:29
			4.5 5.0 5.5 6.0	SOIL BORING TERMINATED @ 2.5 feet BGS	SB-27 (1.5-2.5) 10:31
			6.5 7.0 7.5 8.0		
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

Area #2

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	SB-28	01-3134-000-0330

Site Address:	Borehole Start Date: 25-Feb-14	Borehole Start Time: 10:28 ☐ AM ☐ PM
7901 NW 24 Ave, Miami FL	End Date: 25-Feb-14	End Time: 10:31 ☐ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Ballardares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / Geoprobe (DP)	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	0-0.5	D	0.5	(0-0.5) Dark Brown silty top soil (vegetation	SB-28 (0-0.5) 10:36
	0.5-2		1.0	(0.5-1.25) SW- mixty metals, ash, glass shards	
			1.5	(1.25-2) Grey ~~silt~~ clayey silt HP	
			2.0		
			2.5	(2-2.75) Crushed limerock fill	SB-28 (0.5-2) 10:38.
			3.0	(2.75-3) Grey fine grain silica Sand,	
			3.5		
			4.0		
			4.5		
			5.0		
			5.5		
			6.0	SOIL BORING TERMINATED @ 3 feet BGS.	
			6.5		
			7.0		
			7.5		
			8.0		
			8.5		
			9.0		
			9.5		
			10.0		
			10.5		
			11.0		
			11.5		
			12.0		
			12.5		
			13.0		
			13.5		
			14.0		
			14.5		
			15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

Area #2

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	SB-29	01-3134-000-0330
Site Address:	**Borehole Start Date:** 25-Feb-14	**Borehole Start Time:** 10:38 ☑ AM ☐ PM
1901 NW 24 ST Miami, FL	**End Date:** 25-Feb-14	**End Time:** 10:40 ☑ AM ☐ PM
Environmental Contractor:	**Geologist's Name:**	**Environmental Technician's Name:**
SCS ES Consultants	Maria Pages	David Ballardares
Drilling Contractor / Method(s):	**Borehole Diameter (inches):**	**Diposition of Drill Cuttings:**	**Borehole Completion:**
JAEE / Geoprobe (DP)	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DI	0-1	D	0.5	(0-1) Dark Braon sandy top soil (vegetation)	SB-29 (0-1) 10:43
	1-2		1.0	(1.5-2) Dark Brown sandy topsoil with orange basebal clay	
			1.5		
			2.0	(2-2.5) SW - Dark Black fines · Ash-glass shards rusty metal fragments.	
			2.5		SB-29 (1-2) 10:45
			3.0		
			3.5		
			4.0		
			4.5	Soil Boring Terminated 2.5 feet BGS.	
			5.0		
			5.5		
			6.0		
			6.5		
			7.0		
			7.5		
			8.0		
			8.5		
			9.0		
			9.5		
			10.0		
			10.5		
			11.0		
			11.5		
			12.0		
			12.5		
			13.0		
			13.5		
			14.0		
			14.5		
			15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

Area #2

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	SB-30	01-3134-000-0330

Site Address:	Borehole Start Date: 25-Feb-14	Borehole Start Time: 10:48 ☑ AM ☐ PM
1901 NW 24 Ave, Miami FL	End Date: 25-Feb-14	End Time: 10:50 ☐ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Ballardares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / Geoprobe (DP)	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	0-1	D	0.5	(0-0.25) sandy top soil (vegetation)	SB-30 (0-1) 10:52
	1-2		1.0	(0.25-0.75) ~~(0.25-0.75)~~	
			1.5	(0.25-1) orange baseball clay	
			2.0	(1-1.75) yellowish to light brown baseball clay	
		(1.5-1.75)	2.5	~~(1.75-3)~~ light grey fine grain silica sand.	SB-30 (1-2) 10:54
			3.0	~~(3-3.5)~~ SW - ash, rusty metal fragments, glass	
			3.5	(1.75-3) shards, concrete fragments.	
			4.0		
			4.5		
			5.0		
			5.5		
			6.0	SOIL BORING TERMINATED @ 3 feet BGS.	
			6.5		
			7.0		
			7.5		
			8.0		
			8.5		
			9.0		
			9.5		
			10.0		
			10.5		
			11.0		
			11.5		
			12.0		
			12.5		
			13.0		
			13.5		
			14.0		
			14.5		
			15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

Area #2

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	SB-31	01-3134-000-0330

Site Address:	Borehole Start Date: 25-Feb-14	Borehole Start Time: 10:55 ☑ AM ☐ PM
1901 NW 2 Ave, Miami FL	End Date: 25-Feb-14	End Time: 11:00 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Ballardares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / Geoprobe (DP)	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
HA	0-1	D	0.5	(0-1) Dark Brown sandy topsoil with small lime stone fragments.	SB-31 (0-1) 11:02
	1-2		1.0		
			1.5	(1-2) Brown to grey sandy topsoil with	
			2.0	<10% SW. rusty metal, glass shards.	
			2.5		SB-31 (1-2) 11:04
			3.0		
			3.5		
			4.0	SOIL BORING TERMINATED @ 2 Feet BGS	
			4.5		
			5.0		
			5.5		
			6.0		
			6.5		
			7.0		
			7.5		
			8.0		
			8.5		
			9.0		
			9.5		
			10.0		
			10.5		
			11.0		
			11.5		
			12.0		
			12.5		
			13.0		
			13.5		
			14.0		
			14.5		
			15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

AREA 3 | 3A
playground.

Samples collected
2/26/2014

AREA 3

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	SB-32	01-3134-000-0330

Site Address:	Borehole Start Date: 26-Feb-14	Borehole Start Time: 844 ☑ AM ☐ PM
1901 NW 24 Ave Miami FL	End Date: 26-Feb-14	End Time: 847 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Ballardares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / Geoprobe (DP)	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	0-0.5 0.5-1 1-2	D	0.5 1.0 1.5 2.0	(0-1) Light grey to grey fine grain sand. (1-1.8) Solid waste - rusty metal shards. glass fragments. (1.8-2) Tan fine grain silica sand	SB-32 (0-0.5) 8:47 SB-32 (0.5-1) 8:49 SB-32 (1-2) 8:51
			2.5 3.0 3.5 4.0	SOIL BORING TERMINATED @ 2 feet BGS.	
			4.5 5.0 5.5 6.0		
			6.5 7.0 7.5 8.0		
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

AREA 3

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	SB-33	01-3134-000-0330

Site Address:	Borehole Start Date: 26-Feb-14	Borehole Start Time: 9:02 ☑ AM ☐ PM
1901 NW 24 Ave, Miami FL	End Date: 26-Feb-14	End Time: 9:05 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Ballardares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / Geoprobe (DP)	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	0-0.5 0.5-1 1-2	D	0.5 1.0 1.5 2.0	(0-1) Light grey fine grain sand (1-2) Slag - glass shards | rusty metal fragments.	SB-33 (0-0.5) 9:08
			2.5 3.0 3.5 4.0	SOIL BORING TERMINATED @ 2 feet BGS.	SB-33 (0.5-1) 9:10
			4.5 5.0 5.5 6.0		SB-33 (1-2) 9:12
			6.5 7.0 7.5 8.0		
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

AREA 3

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	SB-34	01-3134-000-0330
Site Address:	**Borehole Start Date:** 24-Feb-14	**Borehole Start Time:** 9:09 ☑ AM ☐ PM
1901 NW 24 Ave, Miami, FL	**End Date:** 26-Feb-14	**End Time:** 9:12 ☑ AM ☐ PM
Environmental Contractor:	**Geologist's Name:**	**Environmental Technician's Name:**
SCS ES Consultants	Maria Pages	David Ballardares
Drilling Contractor / Method(s):	**Borehole Diameter (inches):**	**Diposition of Drill Cuttings:**	**Borehole Completion:**
JAEE / Geoprobe (DP)	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	0-0.5 0.5-1 1-2	D	0.5 1.0 1.5 2.0	~~Lig~~ (0-0.5) light grey to grey fine grain sand. <10% SN (0.5-1) tan to yellowish fine grain sand. ~~Tan~~(1-1.5) SN-	SB-34 (0-0.5) 9:15 SB-34 (0.5-1) 9:17 SB-34 (1-2) 9:19
			2.5 3.0 3.5 4.0	(1.5-2) light grey to grey fine grain Silica Sand	
			4.5 5.0 5.5 6.0	SOIL BORING TERMINATED @ 2 feet BGS.	
			6.5 7.0 7.5 8.0		
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

AREA 3

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	SB-35	01-3134-000-0330

Site Address:	Borehole Start Date: 26-Feb-14	Borehole Start Time: 8:54 ☑ AM ☐ PM
1901 NW 24th Ave. Miami FL	End Date: 26-Feb-14	End Time: 8:57 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Ballardares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / Geoprobe (DP)	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	0-0.5 0.5-1.25 1.25-2	D	0.5 1.0 1.5 2.0	(0-1.25) light grey fine grain sand. free roots @ 0.9 (1.25-2) SW - Rusty metals / glass shards ash	SB-35 (0-0.5) 9:02
			2.5 3.0 3.5 4.0		SB-35 (0.5-1.25) 9:04
			4.5 5.0 5.5 6.0	Soil Boring Terminated 2 Feet BGS.	SB-35 (1.25-2) 9:06
			6.5 7.0 7.5 8.0		
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

AREA 3A

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	SB-36	01-3134-000-0330

Site Address:	Borehole Start Date: 20 Feb 14	Borehole Start Time: 9:42 ☐ AM ☐ PM
1901 NW 24 Ave. Miami, FL	End Date: 20 Feb 14	End Time: 9:45 ☐ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Ballardares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / Geoprobe (DP)	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	0-0.5 0.5-1 1-2	D	0.5 1.0 1.5 2.0	(0-0.5) off white crushed limerock fill (0.5-1) Brown top soil with crushed limerock fill (1-2) SW. rusty metal, glass shards, ash.	SB-36 (0-0.5) 9:53
			2.5 3.0 3.5 4.0		SB-36 (0.5-1) 9:55
			4.5 5.0 5.5 6.0		SB-36 (1-2) 9:57
			6.5 7.0 7.5 8.0	SOIL BORING TERMINATED @ 2 feet BGS.	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

Area 3A

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	SB-37	01-3134-000-0330
Site Address:	**Borehole Start Date:** 26 Feb. 2014	**Borehole Start Time:** 9:32 ☐ AM ☐ PM
1901 NW 24 Ave Miami, FL	**End Date:** 26 Feb. 14	**End Time:** 9:35 ☐ AM ☐ PM
Environmental Contractor:	**Geologist's Name:**	**Environmental Technician's Name:**
SCS ES Consultants	Maria Pages	David Ballardares
Drilling Contractor / Method(s):	**Borehole Diameter (inches):**	**Diposition of Drill Cuttings:**	**Borehole Completion:**
JAEE / Geoprobe (DP)	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	0.0.5 0.5-1.5 1.5-2	D	0.5 1.0 1.5 2.0	(0-0.5) Light grey to grey fine grain sand. (0.5-1.5) fine grain grey sand with small lime stone fragments.	SB-37 (0-0.5) 9:38 SB-37 (0.5-1.5) 9:40 SB-37 (1.5-2) 9:42
			2.5 3.0 3.5 4.0	(1-1.25) orange clay. (1.5-2) SW - Rusty metal shards, glass fragments	
			4.5 5.0 5.5 6.0	SOIL BORING TERMINATED @ 2 feet BGS.	
			6.5 7.0 7.5 8.0		
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

Area 3A

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	SB-38.	01-3134-000-0330

Site Address:	Borehole Start Date: 26-Feb-14	Borehole Start Time: 9:30 ☑ AM ☐ PM
1901 NW 24 Ave. Miami, FL	End Date: 26-Feb-14	End Time: 9:33 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Ballardares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / Geoprobe (DP)	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	0-0.5 0.5-1 1-2	D	0.5 1.0 1.5 2.0	(0-0.5) Dark Brown sandy top soil (0.5-1) Dark Brown sandy top soil < 10% SW (1-2) SW - rusty metals, glass shards.	SB-38 (0-0.5) 9:38 SB-38
			2.5 3.0 3.5 4.0	ash. SOIL BORING Terminated @ 2 ft BGS	(0.5-1) 940 SB-38 (1-2) 9:42
			4.5 5.0 5.5 6.0		
			6.5 7.0 7.5 8.0		
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

AREA 3A

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	SB-39	01-3134-000-0330

Site Address:	Borehole Start Date: 26-Feb-14	Borehole Start Time: 9:16 ☑ AM ☐ PM
1901 NW 24 Ave Miami FL	End Date: 26-Feb-14	End Time: 9:20 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Ballardares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / Geoprobe (DP)	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP-05-2	0.0-0.5	D	0.5	(0-0.5) Light grey to Brown fine grain sand.	SB-39 (0-0.5) 9:26
			1.0		
			1.5	(0.5-1.5) Tan to off white crushed limerock fill	
			2.0		
			2.5	(1.5-2) Tan to off white silty sand.	SB-39 (0.5-2) 9:28
			3.0		
			3.5		
			4.0	SOIL BORING TERMINATED @ 2 Feet BGS.	
			4.5		
			5.0		
			5.5		
			6.0		
			6.5		
			7.0		
			7.5		
			8.0		
			8.5		
			9.0		
			9.5		
			10.0		
			10.5		
			11.0		
			11.5		
			12.0		
			12.5		
			13.0		
			13.5		
			14.0		
			14.5		
			15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

Area 4
Counts.

Samples collected.
24-Feb-14

Area 4

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	SB-40	01-3134-000-0330

Site Address:	Borehole Start Date: 24-Feb-14	Borehole Start Time: 13:00 ☐ AM ☑ PM
1901 NW 24 Ave, Miami, FL	End Date: 24 Feb 14	End Time: 13:05 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Ballardares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / Geoprobe (DP)	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	0-0.5 0.5-1 1-2	D	0.5 1.0 1.5 2.0	(0-0.5) Dark Brown silty topsoil with solid waste <30% glass shards metal rusty metal fragments. (0.5-1.25) Dark Brown silty top soil	SB-40 (0-0.5) 13:25
			2.5 3.0 3.5 4.0	(1.25-2) Dark Brown silty top soil with SW ~50% (2-2.5) Brown fine grain silica Sand.	SB-40 (0.5-1) 13:27
			4.5 5.0 5.5 6.0	SB Terminated @ 2 feet BGS	SB-40 (1-2) 13:29
			6.5 7.0 7.5 8.0		
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

Area 4

CURTIS PARK
BORING LOG

Site Name: Curtis Park	Sample Location ID: SB-41	Miami-Dade County Folio Number: 01-3134-000-0330
Site Address: 1901 NW 24 Ave, Miami, FL	Borehole Start Date: 24-Feb-14 End Date: 24-Feb-14	Borehole Start Time: 13:45 ☐ AM ☑ PM End Time: 13:50 ☐ AM ☑ PM
Environmental Contractor: SCS ES Consultants	Geologist's Name: Maria Pages	Environmental Technician's Name: David Ballardares
Drilling Contractor / Method(s): JAEE / Geoprobe (DP)	Borehole Diameter (inches): 3	Diposition of Drill Cuttings: Drum / Borehole Completion: Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	0-0.5 0.5-1 1-2	D	0.5 1.0 1.5 2.0	(0-0.5) Dark Brown silty top Soil (vegetation) (0.5-2) Tan to orange/yellowish limerock fill.	SB-41 (0-0.5) 13:55
			2.5 3.0 3.5 4.0	(2-2.5) Dark Brown silty clay with ~15% SW. rusty metal.	SB-41 (0.5-1) 13:57
			4.5 5.0 5.5 6.0	SB Terminated @ 25 feet BGS	SB-41 (1-2) 13:59
			6.5 7.0 7.5 8.0		
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

Area 4

CURTIS PARK
BORING LOG

Site Name: Curtis Park	Sample Location ID: SB-42	Miami-Dade County Folio Number: 01-3134-000-0330
Site Address: 1901 NW 24 Ave, Miami, FL	Borehole Start Date: 24-Feb-14 / End Date: 24-Feb-14	Borehole Start Time: 14:05 ☐ AM ☐ PM / End Time: 14:10 ☐ AM ☐ PM
Environmental Contractor: SCS ES Consultants	Geologist's Name: Maria Pages	Environmental Technician's Name: David Ballardares
Drilling Contractor / Method(s): JAEE / Geoprobe (DP)	Borehole Diameter (inches): 3	Diposition of Drill Cuttings: Drum / Borehole Completion: Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP.	0-0.5 0.5-1 1-1.5 1.5-2	D	0.5 1.0 1.5 2.0	(0-0.5) Dark Brown silty topsoil (0.5-0.75) Dark Brown silty topsoil with crush limerock fill. (0.75-1.25) off white to tan crushed limerock fill	SB-42 (0-0.5) 14:12
			2.5 3.0 3.5 4.0	(1.25-1.5) Dark Brown to Brown fine grain sand. (1.5-2) SW - Rusty metals. glass shards (1.75-2) Ash - glass shards	SB-42 (0.5-1) 14:14
			4.5 5.0 5.5 6.0	SB Terminated @ 2 feet BGS	SB-42 (1-1.5) 14:16
			6.5 7.0 7.5 8.0		SB-42 (1.5-2) 14:18
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

Area 4

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	SB-43.	01-3134-000-0330

Site Address:	Borehole Start Date: 24-Feb-14	Borehole Start Time: 13:30 ☐ AM ☑ PM
1901 NW 24 Ave Miami, FL	End Date: 24-Feb-14	End Time: 13:35 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Ballardares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / Geoprobe (DP)	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP.	0-0.5 0.5-1 1-2	D	0.5 1.0 1.5 2.0	(0-0.5) Brown sandy top soil (0.5-1.25) off white to grey crushed limerock fill (1.25-1.75) Grey crushed limerock fill with SW ~ (30%) rusty metal / glass shards.	SB-43 (0-0.5) 13:45
			2.5 3.0 3.5 4.0	(1.75-2) offwhite to tan silty sand (2-2.5) crushed limerock fill grey to offwhite.	SB-43 (0.5-1) 13:48
			4.5 5.0 5.5 6.0	SB Terminated @ 2.5 feet BGS	SB-43 (1-2) 13:51
			6.5 7.0 7.5 8.0		
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

Area 4

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	SB-44	01-3134-000-0330

Site Address:	Borehole Start Date: 24-Feb-14	Borehole Start Time: 13:15 ☐ AM ☑ PM
1901 NW 24 Ave, Miami, FL	End Date: 24-Feb-14	End Time: 13:20 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Ballardares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / Geoprobe (DP)	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP.	0-0.5 0.5-1 (1-2)	D	0.5 1.0 1.5 2.0	(0-0.25) Dark Brown sandy top soil - mulch (0.25-1) off white crushed limerock fill (1-2) SW - rusty metal / glass shards (1.5-1.75) Ash	SB-44 (0-0.5) 13:35
			2.5 3.0 3.5 4.0		SB-44 (0.5-1) 13:37
			4.5 5.0 5.5 6.0	SB Terminated @ 2 feet BGS	SB-44 (1-2) 13:39
			6.5 7.0 7.5 8.0		
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

Area 4

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	SB-45	01-3134-000-0330

Site Address:	Borehole Start Date: 24-Feb-14	Borehole Start Time: 12:45 ☐ AM ☑ PM
1901 NW 24 Ave Miami, FL	End Date: 24-Feb-14	End Time: 12:50 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Ballardares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / Geoprobe (DP)	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	0-0.5 0.5-1 1-2	D	0.5 1.0 1.5 2.0	(0-0.25) Dark Brown silty topsoil (vegetation) (0.25-0.75) Brown silty topsoil (0.75-1) Brown silty top soil with crushed limerock fill (1-2.5) sw- metal- rusty metal shards - glass-	SB-45 (0-0.5) 13:15
			2.5 3.0 3.5 4.0	small brick fragments - ash @ 1.75 (1 inch) large brick fragment - Bottom of 2. (~ 2 inches)	SB-45 (0.5-1) 13:17
			4.5 5.0 5.5 6.0		SB-45 (1-2) 13:19
			6.5 7.0 7.5 8.0	SOIL BORING TERMINATED @ 2.5 ft BGS	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

AREA 5/SA

Western Breaches.

Samples collected

2/25/2014

AREA 5

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	SB-46	01-3134-000-0330

Site Address:	Borehole Start Date: 25-Feb-14	Borehole Start Time: 13:30 ☐ AM ☑ PM
191 NW 24 Ave. Miami FL	End Date: 25-Feb-14	End Time: 13:34 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Ballardares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / Geoprobe (DP)	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	0-0.5	D	0.5	(0-0.5) Dark Brown top soil with <10% SW	SB-46 (0-0.5) 13:45
	0.5-2		1.0	(0.5-1.75) SW-Rusty metals / glass shards.	
			1.5	(1.75-2) Grey Fine grain silica Sand	
			2.0		
			2.5		SB-46 (0.5-2) 13:47
			3.0		
			3.5		
			4.0	SOIL BORING TERMINATED @ 2 Feet BGS.	
			4.5		
			5.0		
			5.5		
			6.0		
			6.5		
			7.0		
			7.5		
			8.0		
			8.5		
			9.0		
			9.5		
			10.0		
			10.5		
			11.0		
			11.5		
			12.0		
			12.5		
			13.0		
			13.5		
			14.0		
			14.5		
			15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

AREA 5A

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	SB-47	01-3134-000-0330

Site Address:	Borehole Start Date: 25-Feb-14	Borehole Start Time: 13:55 ☐ AM ☑ PM
7901 NW 24 Ave	End Date: 25-Feb-14	End Time: 13:58 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Ballardares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / Geoprobe (DP)	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	0-1	D	0.5	(0-1) Dark Brown sandy top soil	SB-47 (0-1) 14:00
			1.0	SW - @ 3 inches. Metals/glass	
	1-2		1.5	(1-1.25) Light grey fine grain silica Sand	SB-47 (1-2) 14:02
			2.0		
			2.5	(1.25-2) SW	
			3.0	(2-2.5) Light Brown fine grain silica Sand	
			3.5		
			4.0		
			4.5		
			5.0		
			5.5	SOIL BORING TERMINATED @	
			6.0	2 feet BGS	
			6.5		
			7.0		
			7.5		
			8.0		
			8.5		
			9.0		
			9.5		
			10.0		
			10.5		
			11.0		
			11.5		
			12.0		
			12.5		
			13.0		
			13.5		
			14.0		
			14.5		
			15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

AREA 5A

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	SB-48	01-3134-000-0330

Site Address:	Borehole Start Date: 25-Feb-14	Borehole Start Time: 14:03 ☐ AM ☑ PM
1901 NW 24 Ave Miami, FL	End Date: 25-Feb-14	End Time: 14:06 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Ballardares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / Geoprobe (DP)	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	0-0.5 0.5-1.5 D 1.5-2		0.5 1.0 1.5 2.0	(0-0.5) Dark Brown silty top soil (0.5-1.5) Light brown off white crushed limerock fill (1.5-2.5) SW-Rusty metals, glass shards.	SB-48 (0-0.5) 14:10 SB-48 (0.5-1.5) 14:12 SB-48 (1.5-2) 14:14.
			2.5 3.0 3.5 4.0	SOIL BORING TERMINATED @ 2feet BGS	
			4.5 5.0 5.5 6.0		
			6.5 7.0 7.5 8.0		
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

Area 5

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	SB-49	01-3134-000-0330

Site Address:	Borehole Start Date: 25-Feb-14	Borehole Start Time: 13:45 ☐ AM ☑ PM
1901 NW 24 Ave, Miami, FL	End Date: 25-Feb-14	End Time: 13:48 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Ballardares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / Geoprobe (DP)	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	0-0.5 0.5-2		0.5 1.0 1.5 2.0	(0-1) Dark Brown sandy top soil with crushed limerock fill <10% SW (1-1.1) Brown/greenish clay (1.1-1.5) SW - Rusty metals	SB-49 (0-0.5) 13:52
			2.5 3.0 3.5 4.0	(1.5-1.6) Limerock fill (1.6-2) SW - Rusty metals. glass shards.	SB-49 (0.5-2) 13:54
			4.5 5.0 5.5 6.0	SOIL BORING TERMINATED @ 2 feet BGS	
			6.5 7.0 7.5 8.0	* SW observed on the surface	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

Area 6

Foot Ball Field

Samples collected

24-Feb-14

Area 6

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	SB-50	01-3134-000-0330

Site Address:	Borehole Start Date: 24-Feb-14	Borehole Start Time: 10:50 ☑ AM ☐ PM
1901 NW 24 Ave, Miami, FL	End Date: 24-Feb-14	End Time: 10:56 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Ballardares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / Geoprobe (DP)	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP.	0-0.5 0.5-1.75 1.5-2	D	0.5 1.0 1.5 2.0	(0-0.75) Dark Brown sandy top soil (vegetation) (0.75-1.75) Tan to Brown limerock fill (1.75-2) SW. Rusty metal fragments / some glass shards.	SB-50 (0-0.5) 11:20 SB-50 (0.5-1.5) 11:23 SB-50 (1.5-2) 11:26.
			2.5 3.0 3.5 4.0		
			4.5 5.0 5.5 6.0	SOIL BORING TERMINATED @ 2 feet BGS.	
			6.5 7.0 7.5 8.0		
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

Area 6

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	SB-51	01-3134-000-0330

Site Address:	Borehole Start Date: 24-Feb-14	Borehole Start Time: 11:00 ☑ AM ☐ PM
1901 NW 24 Ave, Miami, FL	End Date: 24-Feb-14	End Time: 11:06 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Ballardares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / Geoprobe (DP)	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	0-1 1-2	D	0.5 1.0 1.5 2.0	(0-1) Dark Brown silty top soil (large roots) (1-1.25) SW. Rusty metal shards - some glass frag. (1.25-2) tan to light Brown sandy limerock fill.	SB-51 (0-1) 11:25 SB-51 (1-2) 11:20
			2.5 3.0 3.5 4.0	SOIL BORING TERMINATED @ 2 feet BGS.	
			4.5 5.0 5.5 6.0		
			6.5 7.0 7.5 8.0		
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

Aneale

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	SB-52	01-3134-000-0330

Site Address:	Borehole Start Date: 24-Feb-2014	Borehole Start Time: 11:11 ☑ AM ☐ PM
1901 NW 24 Ave Miami FL	End Date: 24-Feb-2014	End Time: 11:16 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Ballardares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / Geoprobe (DP)	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	0-2 0-1 1-2	D	0.5 1.0 1.5 2.0	(0-0.25) Dark Brown silty top soil (vegetation) (0.25-1.25) Brown/greenish clay (1.25-2) Grey to off white/Tan crushed limerock fill	SB-52 (0-2) 11:40 SB-52 (0-1) 11:43 SB-52 (1-2) 11:46
			2.5 3.0 3.5 4.0	SB. Terminated @ 2 ft BGS	
			4.5 5.0 5.5 6.0		
			6.5 7.0 7.5 8.0		
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

Area 6

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	SB-53	01-3134-000-0330

Site Address:	Borehole Start Date: 24-Feb-14	Borehole Start Time: 11:22 ☑ AM ☐ PM
1901 NW 24 Ave Miami, FL	End Date: 24-Feb-14	End Time: 11:27 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Ballardares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / Geoprobe (DP)	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	0-0.5 0.5-2	(0-0.5) (0.5-2)	0.5 1.0 1.5 2.0	(0-1.5) Light Brown silty top soil some small Limestone fragments- <10 sm glass shards. from 0.5-1.5 (1.5-2) Off white limerock fill.	SB-53 (0-0.5) 11:55 SB-53 (0.5-2) 11:58
			2.5 3.0 3.5 4.0		
			4.5 5.0 5.5 6.0	SOIL BORING TERMINATED @ 2 feet BGS	
			6.5 7.0 7.5 8.0		
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

Areale

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	SB-54	01-3134-000-0330

Site Address:	Borehole Start Date: 24-Feb-14	Borehole Start Time: 11:35 ☑ AM ☐ PM
1901 NW 24 Ave	End Date: 24-Feb-14	End Time: 11:40 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Ballardares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / Geoprobe (DP)	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	0-0.5 0.5-1 1-2	D	0.5 1.0 1.5 2.0	(0-0.5) Dark Brown sandy topsoil (vegetation. (0.5-1) Light grey to Brown Sandy top soil mix with crushed limerock fill (1-1.25) Light grey/off white crushed limerock fill with some ~10% SW. metal shards/glass shards.	SB-54 (0-0.5) 12:05 SB-54 (0.5-1) 12:08 SB-54 (1-2) 12:11
			2.5 3.0 3.5 4.0	(1.25-1.75) Tan to off white crushed limerock fill. (1.75-2) Tan to off white to grey crushed limerock fill.	
			4.5 5.0 5.5 6.0	(2-2.5) SW.	
			6.5 7.0 7.5 8.0	Soil Boring terminated @ 25 ft BGS.	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

Arcadis

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	SB-55.	01-3134-000-0330
Site Address:	**Borehole Start Date:** 24-Feb-14	**Borehole Start Time:** 11:55 ☑ AM ☐ PM
1901 NW 24 Ave, Miami, FL	**End Date:** 24-Feb-14	**End Time:** 12:00 ☐ AM ☑ PM
Environmental Contractor:	**Geologist's Name:**	**Environmental Technician's Name:**
SCS ES Consultants	Maria Pages	David Ballardares
Drilling Contractor / Method(s):	**Borehole Diameter (inches):**	**Diposition of Drill Cuttings:**	**Borehole Completion:**
JAEE / Geoprobe (DP)	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	0-0.5	D	0.5	(0-0.5) Dark Brown silty topsoil (vegetation)	SB-55 (0-0.5) 12:20
	0.5-1.5		1.0	(0.5-1.5) Light tan to off white sandy crushed limerock fill	
	1.5-2		1.5		
			2.0	(1.5-2) crushed limerock fill with SW~25%	SB-55 (0.5-1.5) 12:23
			2.5		
			3.0	(2-2.75) tan limerock fill (sandy)	
			3.5	(2.75-3) SW. rusty metal shards. some glass fragments.	SB-55 (1.5-2) 12:26.
			4.0		
			4.5		
			5.0		
			5.5		
			6.0		
			6.5	SOIL BORING TERMINATED @ 3 feet BGS.	
			7.0		
			7.5		
			8.0		
			8.5		
			9.0		
			9.5		
			10.0		
			10.5		
			11.0		
			11.5		
			12.0		
			12.5		
			13.0		
			13.5		
			14.0		
			14.5		
			15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

Area 6

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	SB-56	01-3134-000-0330

Site Address:	Borehole Start Date: 24-Feb-14	Borehole Start Time: 12:15 ☐ AM ☑ PM
901 NW 24 Ave Miami FL	End Date: 24-Feb-14	End Time: 12:20 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Ballardares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / Geoprobe (DP)	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	0-2	D	0.5	(0-0.5) Dark Brown Silty top soil	SB-56 (0-2) 12:30
			1.0	(0.5-1.75) Tan to Light grey crushed limerock fill	
	0-1		1.5	(1.75-2) Light grey silty Sand	
	1-2		2.0	(2-2.5) Light Brown Sand w/ some SW (<10%)	
			2.5	grass + Rusty metal frags.	
			3.0		SB-56 (0-1) 12:33
			3.5		
			4.0		
			4.5	SOIL BORING TERMINATED	
			5.0	@ 2.5 Feet BGS.	SB-56 (1-2) 12:36.
			5.5		
			6.0		
			6.5		
			7.0		
			7.5		
			8.0		
			8.5		
			9.0		
			9.5		
			10.0		
			10.5		
			11.0		
			11.5		
			12.0		
			12.5		
			13.0		
			13.5		
			14.0		
			14.5		
			15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

Areale

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	SB-57	01-3134-000-0330

Site Address:	Borehole Start Date: 24-Feb-14	Borehole Start Time: 12:30 ☐ AM ☐ PM
1901 NW 24 Ave, Miami, FL	End Date: 24-Feb-14	End Time: 12:35 ☐ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Ballardares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / Geoprobe (DP)	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	0-2	D	0.5	(0-0.25) Brown silty topsoil (vegetation)	SB-57
	0-1		1.0	(0.25-0.5) Tan fine grain silica Sand	(0-2)
	1-2		1.5	(0.5-1.5) Brown to tan limerock fill	12:42
			2.0	(1.5-2) Light Brown/tan silty sand	
			2.5	(2-2.5) Light Brown silica Sand	SB-57
			3.0	(2.5-2.75) Brown silica sand	(0-1)
			3.5	(2.75-3) Light Brown/tan Limerock fill	12:45
			4.0		Hold
			4.5		SB-57
			5.0		(1-2)
			5.5		12:48.
			6.0		
			6.5		Hold
			7.0		
			7.5		
			8.0		
			8.5		
			9.0		
			9.5		
			10.0		
			10.5		
			11.0		
			11.5		
			12.0		
			12.5		
			13.0		
			13.5		
			14.0		
			14.5		
			15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

Area 7

Pool

Samples collected.

24 - Feb - 2014.

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	SB-58	01-3134-000-0330

Site Address:	Borehole Start Date: 24-Feb-14	Borehole Start Time: 9:12 ☑ AM ☐ PM
1901 NW 24 Ave. Miami, FL	End Date: 24-Feb-14	End Time: 9:16 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Ballardares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / Geoprobe (DP)	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP.	0-0.5 0.5-2	D	0.5 1.0 1.5 2.0	(0-0.75) Dark Brown sandy top soil (vegetation. (0.75-1.25) Dark Brown sandy top soil with small to medium limestone fragments (1.25-2) SW. Dark Brown / rusty sand w/ metal glass shards. as @ 1.75	SB-58 (0-0.5) 9:15 SB-58 (0.5-2) 9:18
			2.5 3.0 3.5 4.0		
			4.5 5.0 5.5 6.0	SOIL BORING TERMINATED 2 Feet BGS.	
			6.5 7.0 7.5 8.0		
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0	Refusal @ SB-58. moved sample location 2 feet North.	
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	SB-59	01-3134-000-0330

Site Address:	Borehole Start Date: 24-Feb-14	Borehole Start Time: 9:00 ☑ AM ☐ PM
1901 NW 24 Ave, Miami, FL	End Date: 24-Feb-14	End Time: 9:10 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Ballardares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / Geoprobe (DP)	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	0-0.5	D	0.5	(0-1) Light Brown to Brown sandy top soil (vegetation)	SB-59 (0-0.5) 9:20
	0.5-2		1.0	(1-1.5) Brown sandy top soil with crushed Limestone fragments	
			1.5		
			2.0	(1.5-2) off white to tan clay/silt. white silica sand Bottom off 2.	SB-59 (0.5-2) 9:23
			2.5		
			3.0		
			3.5		
			4.0		
			4.5	Soil Boring terminated @ 2 feet BGS.	
			5.0		
			5.5		
			6.0		
			6.5		
			7.0		
			7.5		
			8.0		
			8.5		
			9.0		
			9.5		
			10.0		
			10.5		
			11.0		
			11.5		
			12.0		
			12.5		
			13.0		
			13.5		
			14.0		
			14.5		
			15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	SB-60	01-3134-000-0330

Site Address:	Borehole Start Date: 24-Feb-14	Borehole Start Time: 9:25 ☑ AM ☐ PM
1901 NW 24 Ave, Miami, FL	End Date: 24-Feb-14	End Time: 9:29 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Ballardares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / Geoprobe (DP)	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	0-0.5	D	0.5	(0-0.5) Dark Brown Sandy topsoil (Vegetation)	SB-60 (0.0.5) 9:45
	0.5-2		1.0	(0.5-1) Dark Brown to light brown sandy top soil with shells.	
			1.5	(1-1.25) SW. rusty metal shards/glass fragments.	SB-60 (0.5-2) 9:48
			2.0	(1.25-1.5) Grey silica sand	
			2.5	(1.5-2) Tan to Dk White sandy limerock fill	
			3.0		
			3.5		
			4.0	SOIL BORINGS TERMINATED @ 2 feet BGS.	
			4.5		
			5.0		
			5.5		
			6.0		
			6.5		
			7.0		
			7.5		
			8.0		
			8.5		
			9.0		
			9.5		
			10.0		
			10.5		
			11.0		
			11.5		
			12.0		
			12.5		
			13.0		
			13.5		
			14.0		
			14.5		
			15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	SB-61	01-3134-000-0330

Site Address:	Borehole Start Date: 24 Feb. 14	Borehole Start Time: 9:33 ☑ AM ☐ PM
1901 NW 24 Ave. Miami, FL	End Date: 24-Feb-14	End Time: 9:36 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Ballardares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / Geoprobe (DP)	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	0-2 0-1 1-2	D	0.5 1.0 1.5 2.0	(0-0.5) Light grey extra fine grain sand with small to medium fine limestone fragments (0.5-1.25) white to off white extra fine grain sand. Limerock fill with small to medium limestone fragments.	SB-61 (0-2) 9:55
			2.5 3.0 3.5 4.0	(1.25-2) Light grey to tan limerock fill	SB-61 (0-1) 9:58 HOLD
			4.5 5.0 5.5 6.0	SOIL Boring terminated @ 2 feet BGS.	SB-61 (1-2) 10:01 HOLD
			6.5 7.0 7.5 8.0		
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	SB-62	01-3134-000-0330
Site Address:	**Borehole Start Date:** 24	**Borehole Start Time:** 9:40 ☑ AM ☐ PM
1901 NW 24 Ave, Miami, FL	End Date:	End Time: 9:52 ☑ AM ☐ PM
Environmental Contractor:	**Geologist's Name:**	**Environmental Technician's Name:**
SCS ES Consultants	Maria Pages	David Ballardares
Drilling Contractor / Method(s):	**Borehole Diameter (inches):**	**Diposition of Drill Cuttings:**	**Borehole Completion:**
JAEE / Geoprobe (DP)	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	0-2 0-1 1-2 HOLD.	D	0.5 1.0 1.5 2.0	(0-0.75) Light grey extra fine grain sand with small limestone fragments / Limerock fill (0.75-2) Light grey to off white extra fine grain sand with small limestone fragments / Limerock fill	SB-62 (0-2) 10:06
			2.5 3.0 3.5 4.0		SB-62 (0-1) 10:09 HOLD
			4.5 5.0 5.5 6.0	SOIL BORING TERMINATED @ 2 feet BGS.	SB-62 (1-2) 10:12
			6.5 7.0 7.5 8.0		
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	SB-63	01-3134-000-0330
Site Address:	**Borehole Start Date:** 24-Feb 14	**Borehole Start Time:** 10:00 ☑ AM ☐ PM
1901 NW 24 Ave, Miami, FL	**End Date:** 24-Feb 14	**End Time:** 10:10 ☑ AM ☐ PM
Environmental Contractor:	**Geologist's Name:**	**Environmental Technician's Name:**
SCS ES Consultants	Maria Pages	David Ballardares
Drilling Contractor / Method(s):	**Borehole Diameter (inches):**	**Diposition of Drill Cuttings:**	**Borehole Completion:**
JAEE / Geoprobe (DP)	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
HA	0-2 / 0-1 / 1-2	D	0.5 1.0 1.5 2.0	(0-0.5) Brown sandy top soil (vegetation) (0.5-2) Light Brown to brown sandy top soil with crushed limerock fill. small to large limerock fragments	SB-63 (0-2) 10:20
			2.5 3.0 3.5 4.0		SB-63 (0-1) 10:23 HOLD
			4.5 5.0 5.5 6.0	Soil Boring terminated at 2 feet BGS.	SB-63 (1-2) 10:26 HOLD.
			6.5 7.0 7.5 8.0		
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	SB-64	01-3134-000-0330

Site Address:	Borehole Start Date: 24-Feb-14	Borehole Start Time: 8:45 ☑ AM ☐ PM
1901 NW 24 Ave, Miami, FL	End Date: 24-Feb-14	End Time: 8:55 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Ballardares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / Geoprobe (DP)	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	0-2 0.1 HOLD 0-2	D	0.5 1.0 1.5 2.0	(0-0.75) Brown to Light Brown sandy topsoil (vegetation) (0.75-1.75) Light brown clay | silt (1.75-2) Light brown to grey silica sand	SB-64 (0-2) 9:11
	HOLD		2.5 3.0 3.5 4.0		SB-64 (0-1)
			4.5 5.0 5.5 6.0	SOIL BORING TERMINATED @ 2 Feet BGS.	9:05 HOLD SB-64 (1-2)
			6.5 7.0 7.5 8.0		9:08 HOLD
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

AREA 8.

Eastern Parking Lot.

Samples collected 2/25/2014

AREA 8

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	SB-65	01-3134-000-0330

Site Address:	Borehole Start Date: 25-Feb-14	Borehole Start Time: 8:50 ☑ AM ☐ PM
1901 NW 24 Ave, Miami, Fl	End Date: 25-Feb-14	End Time: 9:00 ☐ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Ballardares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / Geoprobe (DP)	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	0-0.5 0.5-1 1-2	D	0.5 1.0 1.5 2.0	(0-0.75) Light grey sand with crushed limerock fill (0.75-1.0) Light grey sand with SW- rusty metal (1-1.75) Light grey sand with small shell +	SB-65 (0-0.5) 9:05
			2.5 3.0 3.5 4.0	limestone fragments. (1.75-2) off white to tan silty sand. (2-2.5) off white silica sand (2.5-3) Muck	SB-65 (0.5-1) 9:07
			4.5 5.0 5.5 6.0	SOIL BORING TERMINATED @ 3 feet BGS	SB-65 (1-2) 9:09
			6.5 7.0 7.5 8.0		
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

Area 8

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	SB-66	01-3134-000-0330
Site Address:	**Borehole Start Date:** 25-Feb-14	**Borehole Start Time:** 9:30 ☐ AM ☐ PM
1901 NW 24 Ave Miami, FL	**End Date:** 25-Feb-14	**End Time:** 9:33. ☐ AM ☐ PM
Environmental Contractor:	**Geologist's Name:**	**Environmental Technician's Name:**
SCS ES Consultants	Maria Pages	David Ballardares
Drilling Contractor / Method(s):	**Borehole Diameter (inches):**	**Diposition of Drill Cuttings:**	**Borehole Completion:**
JAEE / Geoprobe (DP)	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP.	0-2 0-1 1-2	D	0.5 1.0 1.5 2.0	(0-2) Light grey to off white crushed lime rock fill	SB-66 (0-2) 9:35
			2.5 3.0 3.5 4.0	SOIL BORING TERMINATED @ 2 feet BGS.	SB-66 (0-1) 9:37
			4.5 5.0 5.5 6.0		SB-66 (1-2) 9:39.
			6.5 7.0 7.5 8.0		
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

Area B

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	SB-67	01-3134-000-0330

Site Address:	Borehole Start Date: 25-Feb-14	Borehole Start Time: 9:18 ☑ AM ☐ PM
1901 NW 24 Ave. Miami, FL	End Date: 25-Feb-14	End Time: 9:23 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Ballardares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / Geoprobe (DP)	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	0-2 0-1 1-2	D	0.5 1.0 1.5 2.0	(0-0.25) Light Brown sandy topsoil (vegetation) (0.25-1.75) Light grey to off white (1.75-2) SW - Black fines with rosty metals.	SB-67 (0-0.25) 9:28
			2.5 3.0 3.5 4.0	SOIL BORING TERMINATED @ 2 Feet BGS.	SB-67 (0.5-1) 9:30 HOLD
			4.5 5.0 5.5 6.0		SB-67 (1-2) 9:32 HOLD
			6.5 7.0 7.5 8.0		
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

Area 8

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	SB-68	01-3134-000-0330

Site Address:	Borehole Start Date: 25-Feb-14	Borehole Start Time: 9:07 ☑ AM ☐ PM
1901 NW 24 AVE Miami FL	End Date: 25-Feb-14	End Time: 9:12 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Ballardares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / Geoprobe (DP)	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP.	0-2 / 0-1 / 1-2	D.	0.5 1.0 1.5 2.0	(0-0.25) light grey sand with crushed limerock fill (vegetation) (0.25-2) off white to tan crushed limerock fill	SB-68 (0-2) 9:20
			2.5 3.0 3.5 4.0	(2-2.25) SW - Ash & rusted metal shards.	SB-68 (0-1) 9:22 HOLD
			4.5 5.0 5.5 6.0	SOIL BORING TERMINATED @ 2.25 feet BGS	SB68 (1-2) HOLD 9:24
			6.5 7.0 7.5 8.0		
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

ROW
Samples #1

Samples collected.
2/26/2014

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	SB-69	01-3134-000-0330

Site Address:	Borehole Start Date: 26/Feb·2014	Borehole Start Time: 11:46 ☑ AM ☐ PM
1901 NW 24 Ave, Miami FL	End Date: 26·Feb·2014	End Time: 11:50 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Ballardares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / Geoprobe (DP)	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	0-0.5 0.5-1 1-2	D	0.5 1.0 1.5 2.0	(0.-0.5) Dark Brown silty topsoil (vegetation) (0.5-2) Dark brown topsoil with crushed lime rock fill	SB-69 (0-0.5) 11:52
			2.5 3.0 3.5 4.0		SB-69 (0.5-1) 11:54
			4.5 5.0 5.5 6.0	SOIL BORING TERMINATED 2 Feet BGS	SB-69 (1-2) 11:56.
			6.5 7.0 7.5 8.0		
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

h

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	SB-70	01-3134-000-0330

Site Address:	Borehole Start Date: 26 Feb 2014	Borehole Start Time: 12:02 ☒ AM ☐ PM
1901 NW 2nd Ave Miami FL	End Date: 26 Feb 2014	End Time: 12:05 ☒ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Ballardares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / Geoprobe (DP)	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	0-0.5 0.5-1 1-2	D	0.5 1.0 1.5 2.0	(0-1) Dark Brown sandy top soil (vegetation) (1-2) SW · Rusty metal fragments / glass shards	SB-70 ~~0.5~~ HP (0-0.5) 12:10
		M	2.5 3.0 3.5 4.0	(2-2.5) Grey silty sand with large LS. fragments	SB-70 (0.5-1) 12:12
			4.5 5.0 5.5 6.0	SOIL BORING TERMINATED @ 2.5 feet BGS	SB-70 (1-2) 12:14
			6.5 7.0 7.5 8.0		
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	SB-71	01-3134-000-0330
Site Address:	**Borehole Start Date:** 26-Feb-14	**Borehole Start Time:** 11:32 ☑ AM ☐ PM
1901 NW 24 Ave Miami, FL	**End Date:** 26-Feb-14	**End Time:** 11:36 ☑ AM ☐ PM
Environmental Contractor:	**Geologist's Name:**	**Environmental Technician's Name:**
SCS ES Consultants	Maria Pages	David Ballardares
Drilling Contractor / Method(s):	**Borehole Diameter (inches):**	**Diposition of Drill Cuttings:**	**Borehole Completion:**
JAEE / Geoprobe (DP)	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	0-0.5	D	0.5	(0-0.5) Dark Brown sandy top soil (vegetation)	SB-71 (0-0.5) 11:40
	0.5-1		1.0	(0.5-1) Brown sandy topsoil w/ crushed limestone fragments.	
	(1-2)		1.5		
			2.0	(1-2) Brown sandy topsoil with large Brick fragments	
			2.5		SB-71 (0.5-1) 11:42
			3.0		
			3.5		
			4.0		
			4.5	SOIL BORING TERMINATED @ 2.0 feet BGS	SB-71 (1-2) 11:44
			5.0		
			5.5		
			6.0		
			6.5		
			7.0		
			7.5		
			8.0		
			8.5		
			9.0		
			9.5		
			10.0		
			10.5		
			11.0		
			11.5		
			12.0		
			12.5		
			13.0		
			13.5		
			14.0		
			14.5		
			15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

ROW samples

#2

Samples collected

2/26/2014

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	SB-72.	01-3134-000-0330

Site Address:	Borehole Start Date: 26-Feb-14	Borehole Start Time: 10:00 ☑ AM ☐ PM
1901 NW 24 AVE Miami FL	End Date: 26-Feb-14	End Time: 10:15 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Ballardares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / Geoprobe (DP)	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
HA	0-0.5 0.5-1 1-2	D	0.5 1.0 1.5 2.0	(0-0.5) Light grey to grey sandy topsoil w/ glass (0.5-1) Light grey sandy top soil w/ small L.S. fragment + glass (1-2) grey sand - fine grain with glass shards.	SB-72 (0.0.5) 10:18
			2.5 3.0 3.5 4.0		SB-72 (0.5-1) 10:20
			4.5 5.0 5.5 6.0	SOIL BORING TERMINATED @ 2 feet BGS	SB-72 (1-2) 10:22
			6.5 7.0 7.5 8.0		
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	SB-73	01-3134-000-0330

Site Address:	Borehole Start Date: 26-Feb-2014	Borehole Start Time: 11:20 ☑ AM ☐ PM
1901 NW 24 Ave, Miami, FL 33142	End Date: 26-Feb-2014	End Time: 11:30 ☑ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Ballardares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / Geoprobe (DP)	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
HA	0-0.5	D	0.5	(0-0.5) Dark Brown sandy topsoil w/ ~25% SW · glass shards · rusty metal fragments.	SB-73 (0-0.5) 11:24
	0.5-1		1.0		
	1-2		1.5		
			2.0	(0.5-1) Dark Brown sandy top soil w/ Crushed limerock frag. ~30% SW · glass shards / rusty metal fragments.	
			2.5		SB-73 (0.5-1) 11:26
			3.0		
			3.5		
			4.0	(1-2) Light grey sandy topsoil with ~20% SW · metal fragments · glass shards	
			4.5		SB-73 (1-2) 11:28
			5.0		
			5.5		
			6.0		
			6.5	SOIL BORING TERMINATED @ 2 ft BGS	
			7.0		
			7.5		
			8.0		
			8.5		
			9.0		
			9.5		
			10.0		
			10.5		
			11.0		
			11.5		
			12.0		
			12.5		
			13.0		
			13.5		
			14.0		
			14.5		
			15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	SB-74	01-3134-000-0330
Site Address:	**Borehole Start Date:** 26-Feb-2014 **Borehole Start Time:** 11:00 ☑ AM ☐ PM	
1901 NW 24 Ave, Miami, FL	**End Date:** 26-Feb-2014 **End Time:** 11:10 ☑ AM ☐ PM	
Environmental Contractor:	**Geologist's Name:**	**Environmental Technician's Name:**
SCS ES Consultants	Maria Pages	David Ballardares
Drilling Contractor / Method(s):	**Borehole Diameter (inches):**	**Diposition of Drill Cuttings:**	**Borehole Completion:**
JAEE / Geoprobe (DP)	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
HA	0-0.5 0.5-1 1-2	D	0.5 1.0 1.5 2.0	(0-0.5) Dark Brown Sandy top soil with crushed Limerock fill (0.5-1.5) Light grey to brown Sandy top soil w/ small to Large limestone fragments	SB-74 (0-0.5) 11:05
			2.5 3.0 3.5 4.0	(1.5-2) Dark Brown Sandy top soil with small to Large Limestone fragments. (glass fragments).	SB-74 (0.5-1) 11:07
			4.5 5.0 5.5 6.0	SOIL BORING TERMINATED @ 2 Ft BGS	SB-74 (1-2) 11:09
			6.5 7.0 7.5 8.0		
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	SB-75	01-3134-000-0330
Site Address:	**Borehole Start Date:** 26-Feb-14	**Borehole Start Time:** 10:42 ☑ AM ☐ PM
1901 NW 24 Ave Miami, FL	**End Date:** 26 Feb 14	**End Time:** 10:50 ☑ AM ☐ PM
Environmental Contractor:	**Geologist's Name:**	**Environmental Technician's Name:**
SCS ES Consultants	Maria Pages	David Ballardares
Drilling Contractor / Method(s):	**Borehole Diameter (inches):**	**Diposition of Drill Cuttings:**	**Borehole Completion:**
JAEE / Geoprobe (DP)	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
HA	0-0.5 0.5-1 1-2	D	0.5 1.0 1.5 2.0	(0-0.5) Dark Brown Sandy top soil with L.S. fragments. (0.5-1.5) Light grey to Brown Sandy top soil with L.S. fragments / glass fragments	SB-75 (0-0.5) 10:48
			2.5 3.0 3.5 4.0	(1.5-2) Dark Brown Sandy top soil with LS fragments / glass fragments	SB-75 (0.5-1) 10:50
			4.5 5.0 5.5 6.0		SB-75 (1-2) 10:52.
			6.5 7.0 7.5 8.0	SOIL BORING TERMINATED @ 2 feet BGS.	
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	SB-76	01-3134-000-0330
Site Address:	**Borehole Start Date:** 26 Feb 14 **Borehole Start Time:** 10:30 ☐ AM ☐ PM	
1901 NW 24 Ave, Miami, FL	**End Date:** 26 Feb 14 **End Time:** 10:37 ☐ AM ☐ PM	
Environmental Contractor:	**Geologist's Name:**	**Environmental Technician's Name:**
SCS ES Consultants	Maria Pages	David Ballardares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / Geoprobe (DP)	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
HA	0-0.5 0.5-1 1-2	D	0.5 1.0 1.5 2.0	(0-0.5) Dark Brown sandy top soil with crushed limerock fill (0.5-1.25) Light grey to brown sandy topsoil with LS. fragments (small to large)	SB-76 (0-0.5) 10:40
			2.5 3.0 3.5 4.0	(1.25-2) Dark brown sandy topsoil with small to large LS. fragments glass fragments	SB-76 (0.5-1) 10:42
			4.5 5.0 5.5 6.0	SOIL BORING TERMINATED @ 2 Feet BGS	SB-76 (1-2) 10:44
			6.5 7.0 7.5 8.0		
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

Row Samples #3

Samples collected
2/26/2014

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	SB-77	01-3134-000-0330

Site Address:	Borehole Start Date: 26-Feb-2014	Borehole Start Time: 13:00 ☐ AM ☐ PM
1901 NW 24 Ave, Miami, FL	End Date: 26-Feb-14	End Time: 13:10 ☐ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Ballardares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / Geoprobe (DP)	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
HA	0-0.5 0.5-1 1-2	D	0.5 1.0 1.5 2.0	(0-0.5) Dark Brown to grey sandy topsoil (0.5-2) Light grey to grey sandy soil with crushed limerock fragments	SB-77 (0-0.5) 13:14
			2.5 3.0 3.5 4.0		SB-77 (0.5-1) 13:16
			4.5 5.0 5.5 6.0	SOIL BORING TERMINATED @ 2ft BGS.	SB-77 (1-2) 13:18
			6.5 7.0 7.5 8.0		
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	SB-78	01-3134-000-0330

Site Address:	Borehole Start Date: 26-Feb-14	Borehole Start Time: 13:16 ☐ AM ☑ PM
1901 NW 24 AVE, Miami, FL	End Date: 26-Feb-14	End Time: 13:20 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Ballardares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / Geoprobe (DP)	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
DP	0-0.5 0.5-1 (1-2)	D	0.5 1.0 1.5 2.0	(0-2) Dark Brown silty topsoil w/ SW - rusty metals and glass shards.	SB-78 (0-0.5) 13:26
			2.5 3.0 3.5 4.0	SOIL BORING Terminated @ 2ft BGS.	SB-78 (0.5-1) 13:28
			4.5 5.0 5.5 6.0		SB-78 (1-2) 13:30
			6.5 7.0 7.5 8.0		
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	SB-79	01-3134-000-0330

Site Address:	Borehole Start Date: 26-Feb-14	Borehole Start Time: 13:35 ☐ AM ☑ PM
1901 NW 24 Ave Miami FL	End Date:	End Time: 13:42 ☐ AM ☐ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Ballardares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / Geoprobe (DP)	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
HA	0-0.5 0.5-1 1-1.5	D	0.5 1.0 1.5 2.0	(0-0.5) Brown to grey sandy top soil with glass/melted glass- Rusty metal shards.	SB-79 (0-0.5) 13:40
			2.5 3.0 3.5 4.0	(0.5-1.5) Light grey sandy topsoil with crushed limestone fragments. SW	SB-79 (0.5-1) 13:42
			4.5 5.0 5.5 6.0	Refusal @ 1.5 ft BGS.	SB-79 (1-1.5) 13:44
			6.5 7.0 7.5 8.0		
			8.5 9.0 9.5 10.0	* SW - on the surface at base of the tree.	
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	SB-80.	01-3134-000-0330

Site Address:	Borehole Start Date: 26-Feb-14	Borehole Start Time: 13:48 ☐ AM ☑ PM
1901 NW 24 Ave, Miami FL	End Date: 26-Feb-14	End Time: 13:52 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Ballardares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / Geoprobe (DP)	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
HA	0-0.5 0.5-1 1-2	D.	0.5 1.0 1.5 2.0	(0-0.5) Dark Brown silty ~~fine~~ topsoil (0.5-2) Dark Brown to grey sandy topsoil with SW Rusty metals/Glass shards	SB-80 (0-0.5) 13:50
			2.5 3.0 3.5 4.0	SOIL BORING TERMINATED @ 2 feet BGS.	SB-80 (0.5-1) 13:52
			4.5 5.0 5.5 6.0		SB-80 (1-2) 13:54
			6.5 7.0 7.5 8.0		
			8.5 9.0 9.5 10.0	* SW noted on the surface	
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

CURTIS PARK
BORING LOG

Site Name:	Sample Location ID:	Miami-Dade County Folio Number:
Curtis Park	SB-81	01-3134-000-0330

Site Address:	Borehole Start Date: 26-Feb-14	Borehole Start Time: 13:56 ☐ AM ☑ PM
1901 NW 24 Ave, Miami FL	End Date: 26-Feb-14	End Time: 14:04 ☐ AM ☑ PM

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
SCS ES Consultants	Maria Pages	David Ballardares

Drilling Contractor / Method(s):	Borehole Diameter (inches):	Diposition of Drill Cuttings:	Borehole Completion:
JAEE / Geoprobe (DP)	3	Drum	Fine Grain Sand

Sample Type	Sample Depth Interval (feet)	Moisture Content	Depth (feet)	Sample Description (include grain size based, odors, staining, and other remarks)	Lab Soil Sample/ Collection Time
HA	0-0.5 0.5-1 1-2.	D	0.5 1.0 1.5 2.0	(0-0.5) Dark brown to grey sandy top soil (0.5-2) Brown to grey sandy top soil w/ SW. rusty metals / glass & hards.	SB-81 (0-0.5) 14:02
			2.5 3.0 3.5 4.0	SOIL BORING TERMINATED @ 2 Feet BGS	SB-81 (0.5-1) 14:04
			4.5 5.0 5.5 6.0	* SW. noted on the surface	SB-81 (1-2) 14:06
			6.5 7.0 7.5 8.0		
			8.5 9.0 9.5 10.0		
			10.5 11.0 11.5 12.0		
			12.5 13.0 13.5 14.0		
			14.5 15.0		

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cutting

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

APPENDIX G

LABORATORY ANALYTICAL REPORTS, CHAIN-OF-CUSTODY AND BENZO(A)PYRENE AND DIOXIN CONVERSION TABLES

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tallahassee
2846 Industrial Plaza Drive
Tallahassee, FL 32301
Tel: (850)878-3994

TestAmerica Job ID: 640-46272-1
Client Project/Site: Curtis Park - Miami

For:
SCS ES Consultants
7700 N. Kendall Drive, Suite 300
Miami, Florida 33156

Attn: Mr. Eddy Smith

Authorized for release by:
12/26/2013 4:06:25 PM

Amy Marks, Project Manager II
(850)878-3994
amy.marks@testamericainc.com

Table of Contents

Client: SCS ES Consultants
Project/Site: Curtis Park - Miami

TestAmerica Job ID: 640-46272-1

Qualifiers

Metals

Qualifier	Qualifier Description
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
J	Estimated value; value may not be accurate.
U	Indicates that the compound was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 640-46272-1

Laboratory: TestAmerica Tallahassee

Narrative

Job Narrative
640-46272-1

Comments
No additional comments.

Receipt
The samples were received on 12/24/2013 12:15 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.9º C.

Metals
Method 6010B: The following samples were diluted due to the saturation of Iron, a known interferant: Curtis (4) (0-0.5) (640-46272-4), Curtis (6) (0-0.5) (640-46272-6), Curtis (7) (0-0.5) (640-46272-7). Elevated reporting limits (RLs) are provided.

Method 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for Aluminum and Iron in batch 144699 were outside control limits due to high concentrations of target analytes in the parent sample. The associated laboratory control sample (LCS) recovery was within acceptance limits.

No other analytical or quality issues were noted.

Detection Summary

Client: SCS ES Consultants
Project/Site: Curtis Park - Miami

TestAmerica Job ID: 640-46272-1

Client Sample ID: Curtis (1) (0-0.5) — Lab Sample ID: 640-46272-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	960		21	6.1	mg/Kg	1	☼	6010B	Total/NA
Antimony	1.1	I	2.1	0.52	mg/Kg	1	☼	6010B	Total/NA
Arsenic	2.8		0.52	0.24	mg/Kg	1	☼	6010B	Total/NA
Barium	39		1.0	0.17	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.29	I	0.52	0.091	mg/Kg	1	☼	6010B	Total/NA
Chromium	13		1.0	0.18	mg/Kg	1	☼	6010B	Total/NA
Copper	39		2.1	0.52	mg/Kg	1	☼	6010B	Total/NA
Iron	5600		5.2	3.1	mg/Kg	1	☼	6010B	Total/NA
Lead	72		0.52	0.16	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.022	I	0.032	0.013	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: Curtis (2) (0-0.5) — Lab Sample ID: 640-46272-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	1000		21	6.2	mg/Kg	1	☼	6010B	Total/NA
Antimony	2.9		2.1	0.53	mg/Kg	1	☼	6010B	Total/NA
Arsenic	5.4		0.53	0.25	mg/Kg	1	☼	6010B	Total/NA
Barium	94		1.1	0.17	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.56		0.53	0.093	mg/Kg	1	☼	6010B	Total/NA
Chromium	7.6		1.1	0.18	mg/Kg	1	☼	6010B	Total/NA
Copper	62		2.1	0.53	mg/Kg	1	☼	6010B	Total/NA
Iron	11000		5.3	3.2	mg/Kg	1	☼	6010B	Total/NA
Lead	290		0.53	0.16	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.012	I	0.030	0.012	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: Curtis (3) (0-1.0) — Lab Sample ID: 640-46272-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	3100		26	7.6	mg/Kg	1	☼	6010B	Total/NA
Antimony	50		2.6	0.65	mg/Kg	1	☼	6010B	Total/NA
Arsenic	12		0.65	0.30	mg/Kg	1	☼	6010B	Total/NA
Barium	170		1.3	0.21	mg/Kg	1	☼	6010B	Total/NA
Cadmium	1.5		0.65	0.11	mg/Kg	1	☼	6010B	Total/NA
Chromium	27		1.3	0.22	mg/Kg	1	☼	6010B	Total/NA
Copper	190		2.6	0.65	mg/Kg	1	☼	6010B	Total/NA
Iron	22000		6.5	3.9	mg/Kg	1	☼	6010B	Total/NA
Lead	1600		0.65	0.20	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.17		0.036	0.014	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: Curtis (4) (0-0.5) — Lab Sample ID: 640-46272-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	870		1.2	0.18	mg/Kg	1	☼	6010B	Total/NA
Cadmium	5.8		0.58	0.10	mg/Kg	1	☼	6010B	Total/NA
Aluminum - DL	6200		120	33	mg/Kg	5	☼	6010B	Total/NA
Antimony - DL	17		12	2.9	mg/Kg	5	☼	6010B	Total/NA
Arsenic - DL	28		2.9	1.3	mg/Kg	5	☼	6010B	Total/NA
Chromium - DL	55		5.8	0.98	mg/Kg	5	☼	6010B	Total/NA
Copper - DL	4100		12	2.9	mg/Kg	5	☼	6010B	Total/NA
Iron - DL	82000		29	17	mg/Kg	5	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: Curtis (4) (0-0.5) (Continued) — Lab Sample ID: 640-46272-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead - DL	2100		2.9	0.86	mg/Kg	5	☼	6010B	Total/NA
Mercury	0.22		0.034	0.014	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: Curtis (5) (0-0.5) — Lab Sample ID: 640-46272-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	1800		22	6.4	mg/Kg	1	☼	6010B	Total/NA
Antimony	3.4		2.2	0.55	mg/Kg	1	☼	6010B	Total/NA
Arsenic	9.5		0.55	0.25	mg/Kg	1	☼	6010B	Total/NA
Barium	130		1.1	0.18	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.89		0.55	0.096	mg/Kg	1	☼	6010B	Total/NA
Chromium	14		1.1	0.19	mg/Kg	1	☼	6010B	Total/NA
Copper	110		2.2	0.55	mg/Kg	1	☼	6010B	Total/NA
Iron	10000		5.5	3.3	mg/Kg	1	☼	6010B	Total/NA
Lead	280		0.55	0.17	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.043		0.033	0.013	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: Curtis (6) (0-0.5) — Lab Sample ID: 640-46272-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	290		1.1	0.17	mg/Kg	1	☼	6010B	Total/NA
Cadmium	1.5		0.54	0.094	mg/Kg	1	☼	6010B	Total/NA
Aluminum - DL	1900		43	13	mg/Kg	2	☼	6010B	Total/NA
Antimony - DL	8.4		4.3	1.1	mg/Kg	2	☼	6010B	Total/NA
Arsenic - DL	16		1.1	0.50	mg/Kg	2	☼	6010B	Total/NA
Chromium - DL	23		2.2	0.37	mg/Kg	2	☼	6010B	Total/NA
Copper - DL	210		4.3	1.1	mg/Kg	2	☼	6010B	Total/NA
Iron - DL	38000		11	6.5	mg/Kg	2	☼	6010B	Total/NA
Lead - DL	640		1.1	0.32	mg/Kg	2	☼	6010B	Total/NA
Mercury	0.059		0.033	0.013	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: Curtis (7) (0-0.5) — Lab Sample ID: 640-46272-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	110		1.1	0.17	mg/Kg	1	☼	6010B	Total/NA
Cadmium	1.5		0.53	0.092	mg/Kg	1	☼	6010B	Total/NA
Aluminum - DL	2300		42	12	mg/Kg	2	☼	6010B	Total/NA
Antimony - DL	7.5		4.2	1.1	mg/Kg	2	☼	6010B	Total/NA
Arsenic - DL	18		1.1	0.49	mg/Kg	2	☼	6010B	Total/NA
Chromium - DL	23		2.1	0.36	mg/Kg	2	☼	6010B	Total/NA
Copper - DL	150		4.2	1.1	mg/Kg	2	☼	6010B	Total/NA
Iron - DL	30000		11	6.4	mg/Kg	2	☼	6010B	Total/NA
Lead - DL	570		1.1	0.32	mg/Kg	2	☼	6010B	Total/NA
Mercury	0.15		0.032	0.013	mg/Kg	1	☼	7471A	Total/NA

This Detection Summary does not include radiochemical test results.

Client: SCS ES Consultants
Project/Site: Curtis Park - Miami

TestAmerica Job ID: 640-46272-1

Client Sample ID: Curtis (1) (0-0.5)
Date Collected: 12/23/13 13:10
Date Received: 12/24/13 12:15

Lab Sample ID: 640-46272-1
Matrix: Solid
Percent Solids: 92.8

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	960		21	6.1	mg/Kg	☼	12/26/13 07:09	12/26/13 09:56	1
Antimony	1.1	I	2.1	0.52	mg/Kg	☼	12/26/13 07:09	12/26/13 09:56	1
Arsenic	2.8		0.52	0.24	mg/Kg	☼	12/26/13 07:09	12/26/13 09:56	1
Barium	39		1.0	0.17	mg/Kg	☼	12/26/13 07:09	12/26/13 09:56	1
Cadmium	0.29	I	0.52	0.091	mg/Kg	☼	12/26/13 07:09	12/26/13 09:56	1
Chromium	13		1.0	0.18	mg/Kg	☼	12/26/13 07:09	12/26/13 09:56	1
Copper	39		2.1	0.52	mg/Kg	☼	12/26/13 07:09	12/26/13 09:56	1
Iron	5600		5.2	3.1	mg/Kg	☼	12/26/13 07:09	12/26/13 09:56	1
Lead	72		0.52	0.16	mg/Kg	☼	12/26/13 07:09	12/26/13 09:56	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.022	I	0.032	0.013	mg/Kg	☼	12/26/13 10:16	12/26/13 13:36	1

Client: SCS ES Consultants
Project/Site: Curtis Park - Miami

TestAmerica Job ID: 640-46272-1

Client Sample ID: Curtis (2) (0-0.5)
Date Collected: 12/23/13 13:15
Date Received: 12/24/13 12:15

Lab Sample ID: 640-46272-2
Matrix: Solid
Percent Solids: 96.5

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	1000		21	6.2	mg/Kg	☼	12/26/13 07:09	12/26/13 10:09	1
Antimony	2.9		2.1	0.53	mg/Kg	☼	12/26/13 07:09	12/26/13 10:09	1
Arsenic	5.4		0.53	0.25	mg/Kg	☼	12/26/13 07:09	12/26/13 10:09	1
Barium	94		1.1	0.17	mg/Kg	☼	12/26/13 07:09	12/26/13 10:09	1
Cadmium	0.56		0.53	0.093	mg/Kg	☼	12/26/13 07:09	12/26/13 10:09	1
Chromium	7.6		1.1	0.18	mg/Kg	☼	12/26/13 07:09	12/26/13 10:09	1
Copper	62		2.1	0.53	mg/Kg	☼	12/26/13 07:09	12/26/13 10:09	1
Iron	11000		5.3	3.2	mg/Kg	☼	12/26/13 07:09	12/26/13 10:09	1
Lead	290		0.53	0.16	mg/Kg	☼	12/26/13 07:09	12/26/13 10:09	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.012	I	0.030	0.012	mg/Kg	☼	12/26/13 10:16	12/26/13 13:38	1

Client: SCS ES Consultants
Project/Site: Curtis Park - Miami

TestAmerica Job ID: 640-46272-1

Client Sample ID: Curtis (3) (0-1.0)
Date Collected: 12/23/13 13:30
Date Received: 12/24/13 12:15

Lab Sample ID: 640-46272-3
Matrix: Solid
Percent Solids: 78.9

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3100		26	7.6	mg/Kg	☼	12/26/13 07:09	12/26/13 10:13	1
Antimony	50		2.6	0.65	mg/Kg	☼	12/26/13 07:09	12/26/13 10:13	1
Arsenic	12		0.65	0.30	mg/Kg	☼	12/26/13 07:09	12/26/13 10:13	1
Barium	170		1.3	0.21	mg/Kg	☼	12/26/13 07:09	12/26/13 10:13	1
Cadmium	1.5		0.65	0.11	mg/Kg	☼	12/26/13 07:09	12/26/13 10:13	1
Chromium	27		1.3	0.22	mg/Kg	☼	12/26/13 07:09	12/26/13 10:13	1
Copper	190		2.6	0.65	mg/Kg	☼	12/26/13 07:09	12/26/13 10:13	1
Iron	22000		6.5	3.9	mg/Kg	☼	12/26/13 07:09	12/26/13 10:13	1
Lead	1600		0.65	0.20	mg/Kg	☼	12/26/13 07:09	12/26/13 10:13	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.17		0.036	0.014	mg/Kg	☼	12/26/13 10:16	12/26/13 13:39	1

Client: SCS ES Consultants
Project/Site: Curtis Park - Miami

TestAmerica Job ID: 640-46272-1

Client Sample ID: Curtis (4) (0-0.5)
Date Collected: 12/23/13 13:35
Date Received: 12/24/13 12:15

Lab Sample ID: 640-46272-4
Matrix: Solid
Percent Solids: 84.4

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	870		1.2	0.18	mg/Kg	☼	12/26/13 07:09	12/26/13 10:16	1
Cadmium	5.8		0.58	0.10	mg/Kg	☼	12/26/13 07:09	12/26/13 10:16	1

Method: 6010B - Metals (ICP) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6200		120	33	mg/Kg	☼	12/26/13 07:09	12/26/13 10:38	5
Antimony	17		12	2.9	mg/Kg	☼	12/26/13 07:09	12/26/13 10:38	5
Arsenic	28		2.9	1.3	mg/Kg	☼	12/26/13 07:09	12/26/13 10:38	5
Chromium	55		5.8	0.98	mg/Kg	☼	12/26/13 07:09	12/26/13 10:38	5
Copper	4100		12	2.9	mg/Kg	☼	12/26/13 07:09	12/26/13 10:38	5
Iron	82000		29	17	mg/Kg	☼	12/26/13 07:09	12/26/13 10:38	5
Lead	2100		2.9	0.86	mg/Kg	☼	12/26/13 07:09	12/26/13 10:38	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.22		0.034	0.014	mg/Kg	☼	12/26/13 10:16	12/26/13 13:41	1

Client: SCS ES Consultants
Project/Site: Curtis Park - Miami

TestAmerica Job ID: 640-46272-1

Client Sample ID: Curtis (5) (0-0.5)
Date Collected: 12/23/13 13:55
Date Received: 12/24/13 12:15

Lab Sample ID: 640-46272-5
Matrix: Solid
Percent Solids: 91.8

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	1800		22	6.4	mg/Kg	☼	12/26/13 07:09	12/26/13 10:27	1
Antimony	3.4		2.2	0.55	mg/Kg	☼	12/26/13 07:09	12/26/13 10:27	1
Arsenic	9.5		0.55	0.25	mg/Kg	☼	12/26/13 07:09	12/26/13 10:27	1
Barium	130		1.1	0.18	mg/Kg	☼	12/26/13 07:09	12/26/13 10:27	1
Cadmium	0.89		0.55	0.096	mg/Kg	☼	12/26/13 07:09	12/26/13 10:27	1
Chromium	14		1.1	0.19	mg/Kg	☼	12/26/13 07:09	12/26/13 10:27	1
Copper	110		2.2	0.55	mg/Kg	☼	12/26/13 07:09	12/26/13 10:27	1
Iron	10000		5.5	3.3	mg/Kg	☼	12/26/13 07:09	12/26/13 10:27	1
Lead	280		0.55	0.17	mg/Kg	☼	12/26/13 07:09	12/26/13 10:27	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.043		0.033	0.013	mg/Kg	☼	12/26/13 10:16	12/26/13 13:43	1

Client: SCS ES Consultants
Project/Site: Curtis Park - Miami

TestAmerica Job ID: 640-46272-1

Client Sample ID: Curtis (6) (0-0.5)
Date Collected: 12/23/13 14:05
Date Received: 12/24/13 12:15

Lab Sample ID: 640-46272-6
Matrix: Solid
Percent Solids: 90.7

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	290		1.1	0.17	mg/Kg	☼	12/26/13 07:09	12/26/13 10:30	1
Cadmium	1.5		0.54	0.094	mg/Kg	☼	12/26/13 07:09	12/26/13 10:30	1

Method: 6010B - Metals (ICP) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	1900		43	13	mg/Kg	☼	12/26/13 07:09	12/26/13 10:41	2
Antimony	8.4		4.3	1.1	mg/Kg	☼	12/26/13 07:09	12/26/13 10:41	2
Arsenic	16		1.1	0.50	mg/Kg	☼	12/26/13 07:09	12/26/13 10:41	2
Chromium	23		2.2	0.37	mg/Kg	☼	12/26/13 07:09	12/26/13 10:41	2
Copper	210		4.3	1.1	mg/Kg	☼	12/26/13 07:09	12/26/13 10:41	2
Iron	38000		11	6.5	mg/Kg	☼	12/26/13 07:09	12/26/13 10:41	2
Lead	640		1.1	0.32	mg/Kg	☼	12/26/13 07:09	12/26/13 10:41	2

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.059		0.033	0.013	mg/Kg	☼	12/26/13 10:16	12/26/13 13:44	1

Client: SCS ES Consultants
Project/Site: Curtis Park - Miami

TestAmerica Job ID: 640-46272-1

Client Sample ID: Curtis (7) (0-0.5)
Date Collected: 12/23/13 14:15
Date Received: 12/24/13 12:15

Lab Sample ID: 640-46272-7
Matrix: Solid
Percent Solids: 93.4

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	110		1.1	0.17	mg/Kg	☼	12/26/13 07:09	12/26/13 10:34	1
Cadmium	1.5		0.53	0.092	mg/Kg	☼	12/26/13 07:09	12/26/13 10:34	1

Method: 6010B - Metals (ICP) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	2300		42	12	mg/Kg	☼	12/26/13 07:09	12/26/13 10:44	2
Antimony	7.5		4.2	1.1	mg/Kg	☼	12/26/13 07:09	12/26/13 10:44	2
Arsenic	18		1.1	0.49	mg/Kg	☼	12/26/13 07:09	12/26/13 10:44	2
Chromium	23		2.1	0.36	mg/Kg	☼	12/26/13 07:09	12/26/13 10:44	2
Copper	150		4.2	1.1	mg/Kg	☼	12/26/13 07:09	12/26/13 10:44	2
Iron	30000		11	6.4	mg/Kg	☼	12/26/13 07:09	12/26/13 10:44	2
Lead	570		1.1	0.32	mg/Kg	☼	12/26/13 07:09	12/26/13 10:44	2

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.15		0.032	0.013	mg/Kg	☼	12/26/13 10:16	12/26/13 13:46	1

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 660-144699/1-A
Matrix: Solid
Analysis Batch: 144705

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 144699

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5.8	U	20	5.8	mg/Kg		12/26/13 07:09	12/26/13 09:46	1
Antimony	0.50	U	2.0	0.50	mg/Kg		12/26/13 07:09	12/26/13 09:46	1
Arsenic	0.23	U	0.50	0.23	mg/Kg		12/26/13 07:09	12/26/13 09:46	1
Barium	0.16	U	1.0	0.16	mg/Kg		12/26/13 07:09	12/26/13 09:46	1
Cadmium	0.087	U	0.50	0.087	mg/Kg		12/26/13 07:09	12/26/13 09:46	1
Chromium	0.17	U	1.0	0.17	mg/Kg		12/26/13 07:09	12/26/13 09:46	1
Copper	0.50	U	2.0	0.50	mg/Kg		12/26/13 07:09	12/26/13 09:46	1
Iron	3.0	U	5.0	3.0	mg/Kg		12/26/13 07:09	12/26/13 09:46	1
Lead	0.15	U	0.50	0.15	mg/Kg		12/26/13 07:09	12/26/13 09:46	1

Lab Sample ID: LCS 660-144699/2-A
Matrix: Solid
Analysis Batch: 144705

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 144699

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	50.0	52.5		mg/Kg		105	75 - 125
Antimony	50.0	48.7		mg/Kg		97	75 - 125
Arsenic	50.0	50.2		mg/Kg		100	75 - 125
Barium	50.0	52.2		mg/Kg		104	75 - 125
Cadmium	50.0	49.7		mg/Kg		99	75 - 125
Chromium	50.0	52.0		mg/Kg		104	75 - 125
Copper	50.0	51.7		mg/Kg		103	75 - 125
Iron	50.0	53.8		mg/Kg		108	75 - 125
Lead	50.0	51.8		mg/Kg		104	75 - 125

Lab Sample ID: 640-46272-1 MS
Matrix: Solid
Analysis Batch: 144705

Client Sample ID: Curtis (1) (0-0.5)
Prep Type: Total/NA
Prep Batch: 144699

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	960		52.3	1140	J	mg/Kg	☼	353	75 - 125
Antimony	1.1	I	52.3	48.1		mg/Kg	☼	90	75 - 125
Arsenic	2.8		52.3	54.0		mg/Kg	☼	98	75 - 125
Barium	39		52.3	84.5		mg/Kg	☼	86	75 - 125
Cadmium	0.29	I	52.3	49.6		mg/Kg	☼	94	75 - 125
Chromium	13		52.3	53.1		mg/Kg	☼	76	75 - 125
Copper	39		52.3	105		mg/Kg	☼	125	75 - 125
Iron	5600		52.3	5270	J	mg/Kg	☼	-597	75 - 125
Lead	72		52.3	122		mg/Kg	☼	96	75 - 125

Lab Sample ID: 640-46272-1 MSD
Matrix: Solid
Analysis Batch: 144705

Client Sample ID: Curtis (1) (0-0.5)
Prep Type: Total/NA
Prep Batch: 144699

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	960		53.4	1160	J	mg/Kg	☼	381	75 - 125	2	20
Antimony	1.1	I	53.4	50.6		mg/Kg	☼	93	75 - 125	5	20
Arsenic	2.8		53.4	57.0		mg/Kg	☼	102	75 - 125	6	20
Barium	39		53.4	79.3		mg/Kg	☼	75	75 - 125	6	20

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 640-46272-1 MSD
Matrix: Solid
Analysis Batch: 144705

Client Sample ID: Curtis (1) (0-0.5)
Prep Type: Total/NA
Prep Batch: 144699

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cadmium	0.29	I	53.4	52.4		mg/Kg	☼	98	75 - 125	6	20
Chromium	13		53.4	54.8		mg/Kg	☼	78	75 - 125	3	20
Copper	39		53.4	85.2		mg/Kg	☼	87	75 - 125	20	20
Iron	5600		53.4	4000	J	mg/Kg	☼	-2955	75 - 125	27	20
Lead	72		53.4	114		mg/Kg	☼	78	75 - 125	7	20

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 660-144719/13-A
Matrix: Solid
Analysis Batch: 144740

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 144719

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.012	U	0.030	0.012	mg/Kg		12/26/13 10:16	12/26/13 13:11	1

Lab Sample ID: LCS 660-144719/14-A
Matrix: Solid
Analysis Batch: 144740

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 144719

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.167	0.160		mg/Kg		96	80 - 120

Metals

Prep Batch: 144699

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46272-1	Curtis (1) (0-0.5)	Total/NA	Solid	3050B	
640-46272-1 MS	Curtis (1) (0-0.5)	Total/NA	Solid	3050B	
640-46272-1 MSD	Curtis (1) (0-0.5)	Total/NA	Solid	3050B	
640-46272-2	Curtis (2) (0-0.5)	Total/NA	Solid	3050B	
640-46272-3	Curtis (3) (0-1.0)	Total/NA	Solid	3050B	
640-46272-4 - DL	Curtis (4) (0-0.5)	Total/NA	Solid	3050B	
640-46272-4	Curtis (4) (0-0.5)	Total/NA	Solid	3050B	
640-46272-5	Curtis (5) (0-0.5)	Total/NA	Solid	3050B	
640-46272-6	Curtis (6) (0-0.5)	Total/NA	Solid	3050B	
640-46272-6 - DL	Curtis (6) (0-0.5)	Total/NA	Solid	3050B	
640-46272-7	Curtis (7) (0-0.5)	Total/NA	Solid	3050B	
640-46272-7 - DL	Curtis (7) (0-0.5)	Total/NA	Solid	3050B	
LCS 660-144699/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 660-144699/1-A	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 144705

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46272-1	Curtis (1) (0-0.5)	Total/NA	Solid	6010B	144699
640-46272-1 MS	Curtis (1) (0-0.5)	Total/NA	Solid	6010B	144699
640-46272-1 MSD	Curtis (1) (0-0.5)	Total/NA	Solid	6010B	144699
640-46272-2	Curtis (2) (0-0.5)	Total/NA	Solid	6010B	144699
640-46272-3	Curtis (3) (0-1.0)	Total/NA	Solid	6010B	144699
640-46272-4	Curtis (4) (0-0.5)	Total/NA	Solid	6010B	144699
640-46272-4 - DL	Curtis (4) (0-0.5)	Total/NA	Solid	6010B	144699
640-46272-5	Curtis (5) (0-0.5)	Total/NA	Solid	6010B	144699
640-46272-6	Curtis (6) (0-0.5)	Total/NA	Solid	6010B	144699
640-46272-6 - DL	Curtis (6) (0-0.5)	Total/NA	Solid	6010B	144699
640-46272-7	Curtis (7) (0-0.5)	Total/NA	Solid	6010B	144699
640-46272-7 - DL	Curtis (7) (0-0.5)	Total/NA	Solid	6010B	144699
LCS 660-144699/2-A	Lab Control Sample	Total/NA	Solid	6010B	144699
MB 660-144699/1-A	Method Blank	Total/NA	Solid	6010B	144699

Prep Batch: 144719

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46272-1	Curtis (1) (0-0.5)	Total/NA	Solid	7471A	
640-46272-2	Curtis (2) (0-0.5)	Total/NA	Solid	7471A	
640-46272-3	Curtis (3) (0-1.0)	Total/NA	Solid	7471A	
640-46272-4	Curtis (4) (0-0.5)	Total/NA	Solid	7471A	
640-46272-5	Curtis (5) (0-0.5)	Total/NA	Solid	7471A	
640-46272-6	Curtis (6) (0-0.5)	Total/NA	Solid	7471A	
640-46272-7	Curtis (7) (0-0.5)	Total/NA	Solid	7471A	
LCS 660-144719/14-A	Lab Control Sample	Total/NA	Solid	7471A	
MB 660-144719/13-A	Method Blank	Total/NA	Solid	7471A	

Analysis Batch: 144740

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46272-1	Curtis (1) (0-0.5)	Total/NA	Solid	7471A	144719
640-46272-2	Curtis (2) (0-0.5)	Total/NA	Solid	7471A	144719
640-46272-3	Curtis (3) (0-1.0)	Total/NA	Solid	7471A	144719
640-46272-4	Curtis (4) (0-0.5)	Total/NA	Solid	7471A	144719
640-46272-5	Curtis (5) (0-0.5)	Total/NA	Solid	7471A	144719

Metals (Continued)

Analysis Batch: 144740 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46272-6	Curtis (6) (0-0.5)	Total/NA	Solid	7471A	144719
640-46272-7	Curtis (7) (0-0.5)	Total/NA	Solid	7471A	144719
LCS 660-144719/14-A	Lab Control Sample	Total/NA	Solid	7471A	144719
MB 660-144719/13-A	Method Blank	Total/NA	Solid	7471A	144719

General Chemistry

Analysis Batch: 144718

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46272-1	Curtis (1) (0-0.5)	Total/NA	Solid	Moisture	
640-46272-2	Curtis (2) (0-0.5)	Total/NA	Solid	Moisture	
640-46272-3	Curtis (3) (0-1.0)	Total/NA	Solid	Moisture	
640-46272-4	Curtis (4) (0-0.5)	Total/NA	Solid	Moisture	
640-46272-5	Curtis (5) (0-0.5)	Total/NA	Solid	Moisture	
640-46272-6	Curtis (6) (0-0.5)	Total/NA	Solid	Moisture	
640-46272-7	Curtis (7) (0-0.5)	Total/NA	Solid	Moisture	

Lab Chronicle

Client: SCS ES Consultants
Project/Site: Curtis Park - Miami

TestAmerica Job ID: 640-46272-1

Client Sample ID: Curtis (1) (0-0.5)

Lab Sample ID: 640-46272-1

Date Collected: 12/23/13 13:10
Matrix: Solid
Date Received: 12/24/13 12:15
Percent Solids: 92.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			144699	12/26/13 07:09	GAF	TAL TAM
Total/NA	Analysis	6010B		1	144705	12/26/13 09:56	GAF	TAL TAM
Total/NA	Prep	7471A			144719	12/26/13 10:16	RAG	TAL TAM
Total/NA	Analysis	7471A		1	144740	12/26/13 13:36	RAG	TAL TAM
Total/NA	Analysis	Moisture		1	144718	12/26/13 09:26	AJG	TAL TAM

Client Sample ID: Curtis (2) (0-0.5)

Lab Sample ID: 640-46272-2

Date Collected: 12/23/13 13:15
Matrix: Solid
Date Received: 12/24/13 12:15
Percent Solids: 96.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			144699	12/26/13 07:09	GAF	TAL TAM
Total/NA	Analysis	6010B		1	144705	12/26/13 10:09	GAF	TAL TAM
Total/NA	Prep	7471A			144719	12/26/13 10:16	RAG	TAL TAM
Total/NA	Analysis	7471A		1	144740	12/26/13 13:38	RAG	TAL TAM
Total/NA	Analysis	Moisture		1	144718	12/26/13 09:23	AJG	TAL TAM

Client Sample ID: Curtis (3) (0-1.0)

Lab Sample ID: 640-46272-3

Date Collected: 12/23/13 13:30
Matrix: Solid
Date Received: 12/24/13 12:15
Percent Solids: 78.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			144699	12/26/13 07:09	GAF	TAL TAM
Total/NA	Analysis	6010B		1	144705	12/26/13 10:13	GAF	TAL TAM
Total/NA	Prep	7471A			144719	12/26/13 10:16	RAG	TAL TAM
Total/NA	Analysis	7471A		1	144740	12/26/13 13:39	RAG	TAL TAM
Total/NA	Analysis	Moisture		1	144718	12/26/13 09:59	AJG	TAL TAM

Client Sample ID: Curtis (4) (0-0.5)

Lab Sample ID: 640-46272-4

Date Collected: 12/23/13 13:35
Matrix: Solid
Date Received: 12/24/13 12:15
Percent Solids: 84.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			144699	12/26/13 07:09	GAF	TAL TAM
Total/NA	Analysis	6010B		1	144705	12/26/13 10:16	GAF	TAL TAM
Total/NA	Prep	3050B	DL		144699	12/26/13 07:09	GAF	TAL TAM
Total/NA	Analysis	6010B	DL	5	144705	12/26/13 10:38	GAF	TAL TAM
Total/NA	Prep	7471A			144719	12/26/13 10:16	RAG	TAL TAM
Total/NA	Analysis	7471A		1	144740	12/26/13 13:41	RAG	TAL TAM
Total/NA	Analysis	Moisture		1	144718	12/26/13 09:51	AJG	TAL TAM

Lab Chronicle

Client: SCS ES Consultants
Project/Site: Curtis Park - Miami

TestAmerica Job ID: 640-46272-1

Client Sample ID: Curtis (5) (0-0.5)

Lab Sample ID: 640-46272-5

Date Collected: 12/23/13 13:55
Matrix: Solid
Date Received: 12/24/13 12:15
Percent Solids: 91.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			144699	12/26/13 07:09	GAF	TAL TAM
Total/NA	Analysis	6010B		1	144705	12/26/13 10:27	GAF	TAL TAM
Total/NA	Prep	7471A			144719	12/26/13 10:16	RAG	TAL TAM
Total/NA	Analysis	7471A		1	144740	12/26/13 13:43	RAG	TAL TAM
Total/NA	Analysis	Moisture		1	144718	12/26/13 10:08	AJG	TAL TAM

Client Sample ID: Curtis (6) (0-0.5)

Lab Sample ID: 640-46272-6

Date Collected: 12/23/13 14:05
Matrix: Solid
Date Received: 12/24/13 12:15
Percent Solids: 90.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			144699	12/26/13 07:09	GAF	TAL TAM
Total/NA	Analysis	6010B		1	144705	12/26/13 10:30	GAF	TAL TAM
Total/NA	Prep	3050B	DL		144699	12/26/13 07:09	GAF	TAL TAM
Total/NA	Analysis	6010B	DL	2	144705	12/26/13 10:41	GAF	TAL TAM
Total/NA	Prep	7471A			144719	12/26/13 10:16	RAG	TAL TAM
Total/NA	Analysis	7471A		1	144740	12/26/13 13:44	RAG	TAL TAM
Total/NA	Analysis	Moisture		1	144718	12/26/13 10:07	AJG	TAL TAM

Client Sample ID: Curtis (7) (0-0.5)

Lab Sample ID: 640-46272-7

Date Collected: 12/23/13 14:15
Matrix: Solid
Date Received: 12/24/13 12:15
Percent Solids: 93.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			144699	12/26/13 07:09	GAF	TAL TAM
Total/NA	Analysis	6010B		1	144705	12/26/13 10:34	GAF	TAL TAM
Total/NA	Prep	3050B	DL		144699	12/26/13 07:09	GAF	TAL TAM
Total/NA	Analysis	6010B	DL	2	144705	12/26/13 10:44	GAF	TAL TAM
Total/NA	Prep	7471A			144719	12/26/13 10:16	RAG	TAL TAM
Total/NA	Analysis	7471A		1	144740	12/26/13 13:46	RAG	TAL TAM
Total/NA	Analysis	Moisture		1	144718	12/26/13 10:36	AJG	TAL TAM

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: SCS ES Consultants
Project/Site: Curtis Park - Miami

TestAmerica Job ID: 640-46272-1

Laboratory: TestAmerica Tallahassee

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E81005	06-30-14
Georgia	State Program	4		06-30-14
Louisiana	NELAP	6	30663	06-30-14
New Jersey	NELAP	2	FL012	06-30-14
Texas	NELAP	6	T104704459-11-2	03-31-14
USDA	Federal		P330-08-00158	08-05-14

Laboratory: TestAmerica Tampa

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alabama	State Program	4	40610	06-30-14
Florida	NELAP	4	E84282	06-30-14
Georgia	State Program	4	905	06-30-14
USDA	Federal		P330-11-00177	04-20-14

Method Summary

Client: SCS ES Consultants
Project/Site: Curtis Park - Miami

TestAmerica Job ID: 640-46272-1

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL TAM
7471A	Mercury (CVAA)	SW846	TAL TAM
Moisture	Percent Moisture	EPA	TAL TAM

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Sample Summary

Client: SCS ES Consultants
Project/Site: Curtis Park - Miami

TestAmerica Job ID: 640-46272-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
640-46272-1	Curtis (1) (0-0.5)	Solid	12/23/13 13:10	12/24/13 12:15
640-46272-2	Curtis (2) (0-0.5)	Solid	12/23/13 13:15	12/24/13 12:15
640-46272-3	Curtis (3) (0-1.0)	Solid	12/23/13 13:30	12/24/13 12:15
640-46272-4	Curtis (4) (0-0.5)	Solid	12/23/13 13:35	12/24/13 12:15
640-46272-5	Curtis (5) (0-0.5)	Solid	12/23/13 13:55	12/24/13 12:15
640-46272-6	Curtis (6) (0-0.5)	Solid	12/23/13 14:05	12/24/13 12:15
640-46272-7	Curtis (7) (0-0.5)	Solid	12/23/13 14:15	12/24/13 12:15

Serial Number 025855

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Amy Marks
TestAmerica PM

TestAmerica Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634
Website: www.testamericainc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

Alternate Laboratory Name/Location
Phone: 640-46272
Fax:

12/26/2013

PROJECT REFERENCE: Curtis Park-Miami	PROJECT NO.: —	PROJECT LOCATION (STATE): FL	
SAMPLER'S SIGNATURE: A. Pezzotti	P.O. NUMBER: —	CONTRACT NO.:	
CLIENT (SITE) PM: Eddy Smith	CLIENT PHONE: 305.412.8185	CLIENT FAX:	
CLIENT NAME: SCS-BS	CLIENT E-MAIL: On-File		
CLIENT ADDRESS: Miami, FL			
COMPANY CONTRACTING THIS WORK (if applicable):			

PAGE: Page 23 of 23 OF

STANDARD REPORT DELIVERY

DATE DUE: Metals

EXPEDITED REPORT DELIVERY (SURCHARGE): Thurs

DATE DUE: 12/26/13 Noon

NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	MATRIX: COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT,...)	REQUIRED ANALYSIS: Metals (10) List	Dioxins	NUMBER OF CONTAINERS SUBMITTED	PRESERVATIVE	REMARKS
12/23/13	13:10	Curtis (1) (0-0.5)	G		S					1	Hold	Metals List: Sb, Al, As, Ba, Cd, Cr, Cu, Fe, Hg, Pb
	13:15	Curtis (2) (0-0.5)								1	Hold	
	13:30	Curtis (3) ~~(0-0.5)~~ (0-1.0)								1	Hold	
	13:35	Curtis (4) (0-0.5)								1	Hold	
	13:55	Curtis (5) (0-0.5)								1	Hold	
	14:05	Curtis (6) (0-0.5)								1	Hold	
12/23/13	14:15	Curtis (7) (0-0.5)	G		S					1	Hold	Dioxins on Hold

640-46272 Chain of Custody

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS			A. Pezzotti	12/23/13	15:00			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS				12/23/13	15:00	RPRICE	12-24-13	1215

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT? YES / NO	CUSTODY SEAL NO.	TAMPA LOG NO.	COOLER TEMP. UPON RECEIPT	LABORATORY REMARKS
						4.9 & 0.0	

TAL8240-660 (0209)

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tallahassee
2846 Industrial Plaza Drive
Tallahassee, FL 32301
Tel: (850)878-3994

TestAmerica Job ID: 640-46272-2
Client Project/Site: Curtis Park - Miami

For:
SCS ES Consultants
7700 N. Kendall Drive, Suite 300
Miami, Florida 33156

Attn: Mr. Eddy Smith

Authorized for release by:
2/5/2014 9:00:47 AM

Amy Marks, Project Manager II
(850)878-3994
amy.marks@testamericainc.com

Table of Contents

Client: SCS ES Consultants
Project/Site: Curtis Park - Miami

TestAmerica Job ID: 640-46272-2

Qualifiers

Metals

Qualifier	Qualifier Description
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 640-46272-2

Laboratory: TestAmerica Tallahassee

Narrative

Job Narrative
640-46272-2

Comments
Sample Curtis (4) (0-0.5) was activated for TCLP Lead analysis by the client on February 3, 2014. Results are included in the attached report. All other results are reported under TestAmerica job 640-46272-1.

Receipt
The samples were received on 12/24/2013 12:15 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.9° C.

Metals
Method 6010B: The TCLP leachate blank for batch 145792 contained lead above the method detection limit (MDL). This target analyte concentration was less than the TCLP Regulatory Limit. The associated samples were also below the TCLP Regulatory Limit for this analyte; therefore, re-extraction was not performed.

No other analytical or quality issues were noted.

Detection Summary

Client: SCS ES Consultants
Project/Site: Curtis Park - Miami

TestAmerica Job ID: 640-46272-2

Client Sample ID: Curtis (4) (0-0.5)

Lab Sample ID: 640-46272-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.24	I	1.0	0.040	mg/L	1		6010B	TCLP

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park - Miami

TestAmerica Job ID: 640-46272-2

Client Sample ID: Curtis (4) (0-0.5)
Date Collected: 12/23/13 13:35
Date Received: 12/24/13 12:15

Lab Sample ID: 640-46272-4
Matrix: Solid

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.24	I	1.0	0.040	mg/L		02/04/14 08:00	02/04/14 14:04	1

Client: SCS ES Consultants
Project/Site: Curtis Park - Miami

TestAmerica Job ID: 640-46272-2

Method: 6010B - Metals (ICP)

Lab Sample ID: LCS 660-145792/2-A
Matrix: Solid
Analysis Batch: 145798

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 145792

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Lead			5.00	5.07		mg/L		101	75 - 125		

Lab Sample ID: LCSD 660-145792/3-A
Matrix: Solid
Analysis Batch: 145798

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 145792

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead			5.00	5.05		mg/L		101	75 - 125	0	20

Lab Sample ID: LB 660-145787/1-C
Matrix: Solid
Analysis Batch: 145798

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 145792

Analyte	LB Result	LB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.0463	I	1.0	0.040	mg/L		02/04/14 08:00	02/04/14 13:37	1

QC Association Summary

Client: SCS ES Consultants
Project/Site: Curtis Park - Miami

TestAmerica Job ID: 640-46272-2

Metals

Leach Batch: 145787

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46272-4	Curtis (4) (0-0.5)	TCLP	Solid	1311	
LB 660-145787/1-C	Method Blank	TCLP	Solid	1311	

Prep Batch: 145792

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46272-4	Curtis (4) (0-0.5)	TCLP	Solid	3010A	145787
LB 660-145787/1-C	Method Blank	TCLP	Solid	3010A	145787
LCS 660-145792/2-A	Lab Control Sample	Total/NA	Solid	3010A	
LCSD 660-145792/3-A	Lab Control Sample Dup	Total/NA	Solid	3010A	

Analysis Batch: 145798

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46272-4	Curtis (4) (0-0.5)	TCLP	Solid	6010B	145792
LB 660-145787/1-C	Method Blank	TCLP	Solid	6010B	145792
LCS 660-145792/2-A	Lab Control Sample	Total/NA	Solid	6010B	145792
LCSD 660-145792/3-A	Lab Control Sample Dup	Total/NA	Solid	6010B	145792

Lab Chronicle

Client: SCS ES Consultants
Project/Site: Curtis Park - Miami

TestAmerica Job ID: 640-46272-2

Client Sample ID: Curtis (4) (0-0.5)
Date Collected: 12/23/13 13:35
Date Received: 12/24/13 12:15

Lab Sample ID: 640-46272-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			145787	02/03/14 14:55	GAF	TAL TAM
TCLP	Prep	3010A			145792	02/04/14 08:00	GAF	TAL TAM
TCLP	Analysis	6010B		1	145798	02/04/14 14:04	RAG	TAL TAM

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: SCS ES Consultants
Project/Site: Curtis Park - Miami

TestAmerica Job ID: 640-46272-2

Laboratory: TestAmerica Tallahassee

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E81005	06-30-14
Georgia	State Program	4		06-30-14
Louisiana	NELAP	6	30663	06-30-14
New Jersey	NELAP	2	FL012	06-30-14
Texas	NELAP	6	T104704459-11-2	03-31-14
USDA	Federal		P330-08-00158	08-05-14

Laboratory: TestAmerica Tampa

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alabama	State Program	4	40610	06-30-14
Florida	NELAP	4	E84282	06-30-14
Georgia	State Program	4	905	06-30-14
USDA	Federal		P330-11-00177	04-20-14

Method Summary

Client: SCS ES Consultants
Project/Site: Curtis Park - Miami

TestAmerica Job ID: 640-46272-2

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL TAM

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Sample Summary

Client: SCS ES Consultants
Project/Site: Curtis Park - Miami

TestAmerica Job ID: 640-46272-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
640-46272-4	Curtis (4) (0-0.5)	Solid	12/23/13 13:35	12/24/13 12:15

Serial Number 025855

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Amy Marks
TestAmerica PM

TestAmerica Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634
Website: www.testamericainc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

Alternate Laboratory Name/Location
Phone: 640-46272
Fax:

2/5/2014

PROJECT REFERENCE: Curtis Park-Miami	PROJECT NO.: —	PROJECT LOCATION (STATE): FL	
SAMPLER'S SIGNATURE: A. Pezzotti	P.O. NUMBER: —	CONTRACT NO.:	
CLIENT (SITE) PM: Eddy Smith	CLIENT PHONE: 305.412.8185	CLIENT FAX:	
CLIENT NAME: SCS-BS	CLIENT E-MAIL: ON-File		
CLIENT ADDRESS: Miami, FL			
COMPANY CONTRACTING THIS WORK (if applicable):			

PAGE: Page 13 of 13 OF

STANDARD REPORT DELIVERY

DATE DUE: Metals

EXPEDITED REPORT DELIVERY (SURCHARGE): Thurs

DATE DUE: 12/26/13 Noon

NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	MATRIX: COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT,...)	REQUIRED ANALYSIS: Metals List (10)	Dioxins	PRESERVATIVE: NP	HNO3	NUMBER OF CONTAINERS SUBMITTED	REMARKS
12/23/13	13:10	Curtis (1) (0-0.5)	G		S							1	Hold
	13:15	Curtis (2) (0-0.5)										1	Hold
	13:30	Curtis (3) ~~(0-0.5)~~ (0-1.0)										1	Hold
	13:35	Curtis (4) (0-0.5)										1	Hold
	13:55	Curtis (5) (0-0.5)										1	Hold
	14:05	Curtis (6) (0-0.5)										1	Hold
12/23/13	14:15	Curtis (7) (0-0.5)	G		S							1	Hold

Metals List:
Sb, Al, As, Ba
Cd, Cr, Cu, Fe
Hg, Pb

Dioxins on Hold

640-46272 Chain of Custody

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS			A. Pezzotti	12/23/13	15:00			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS				12/23/13	15:00	RPRICE	12-24-13	1215

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT? YES / NO	CUSTODY SEAL NO.	TAMPA LOG NO.	COOLER TEMP. UPON RECEIPT	LABORATORY REMARKS
						2.9 °C on ice	

TAL8240-660 (0209)

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tallahassee
2846 Industrial Plaza Drive
Tallahassee, FL 32301
Tel: (850)878-3994

TestAmerica Job ID: 640-46728-1
Client Project/Site: Various COM Parks

For:
SCS ES Consultants
7700 N. Kendall Drive, Suite 300
Miami, Florida 33156

Attn: Mr. Bob Speed

Authorized for release by:
2/11/2014 4:47:12 PM

Amy Marks, Project Manager II
(850)878-3994
amy.marks@testamericainc.com

Table of Contents

Qualifiers

Metals

Qualifier	Qualifier Description
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
U	Indicates that the compound was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 640-46728-1

Laboratory: TestAmerica Tallahassee

Narrative

Job Narrative
640-46728-1

Comments
No additional comments.

Receipt
The samples were received on 2/6/2014 at 8:40 AM. The samples arrived in good condition and properly preserved. The temperature of the cooler at receipt was 22.1° C. Samples were submitted for metals analysis only. Thermal preservation is not required.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: SCS ES Consultants
Project/Site: Various COM Parks

TestAmerica Job ID: 640-46728-1

Client Sample ID: SB-4 (1) — Lab Sample ID: 640-46728-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	3.1		2.2	0.56	mg/Kg	1	☼	6010B	Total/NA
Arsenic	16		0.56	0.26	mg/Kg	1	☼	6010B	Total/NA
Barium	57		1.1	0.18	mg/Kg	1	☼	6010B	Total/NA
Chromium	13		1.1	0.19	mg/Kg	1	☼	6010B	Total/NA
Copper	59		2.2	0.56	mg/Kg	1	☼	6010B	Total/NA
Iron	7100		5.6	3.4	mg/Kg	1	☼	6010B	Total/NA
Lead	130		0.56	0.17	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-4 (2) — Lab Sample ID: 640-46728-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	5.2		2.5	0.62	mg/Kg	1	☼	6010B	Total/NA
Arsenic	8.7		0.62	0.28	mg/Kg	1	☼	6010B	Total/NA
Barium	89		1.2	0.20	mg/Kg	1	☼	6010B	Total/NA
Chromium	14		1.2	0.21	mg/Kg	1	☼	6010B	Total/NA
Copper	92		2.5	0.62	mg/Kg	1	☼	6010B	Total/NA
Iron	11000		6.2	3.7	mg/Kg	1	☼	6010B	Total/NA
Lead	380		0.62	0.19	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-4 (3) — Lab Sample ID: 640-46728-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	2.0	I	2.3	0.59	mg/Kg	1	☼	6010B	Total/NA
Arsenic	8.4		0.59	0.27	mg/Kg	1	☼	6010B	Total/NA
Barium	56		1.2	0.19	mg/Kg	1	☼	6010B	Total/NA
Chromium	9.9		1.2	0.20	mg/Kg	1	☼	6010B	Total/NA
Copper	52		2.3	0.59	mg/Kg	1	☼	6010B	Total/NA
Iron	6700		5.9	3.5	mg/Kg	1	☼	6010B	Total/NA
Lead	160		0.59	0.18	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-4 (4) — Lab Sample ID: 640-46728-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	5.3		2.4	0.59	mg/Kg	1	☼	6010B	Total/NA
Arsenic	7.0		0.59	0.27	mg/Kg	1	☼	6010B	Total/NA
Barium	75		1.2	0.19	mg/Kg	1	☼	6010B	Total/NA
Chromium	25		1.2	0.20	mg/Kg	1	☼	6010B	Total/NA
Copper	78		2.4	0.59	mg/Kg	1	☼	6010B	Total/NA
Iron	8200		5.9	3.5	mg/Kg	1	☼	6010B	Total/NA
Lead	180		0.59	0.18	mg/Kg	1	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: SCS ES Consultants
Project/Site: Various COM Parks

TestAmerica Job ID: 640-46728-1

Client Sample ID: SB-4 (1)
Date Collected: 02/03/14 08:50
Date Received: 02/06/14 08:40

Lab Sample ID: 640-46728-1
Matrix: Solid
Percent Solids: 86.5

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	3.1		2.2	0.56	mg/Kg	☼	02/07/14 07:07	02/07/14 09:31	1
Arsenic	16		0.56	0.26	mg/Kg	☼	02/07/14 07:07	02/07/14 09:31	1
Barium	57		1.1	0.18	mg/Kg	☼	02/07/14 07:07	02/07/14 09:31	1
Chromium	13		1.1	0.19	mg/Kg	☼	02/07/14 07:07	02/07/14 09:31	1
Copper	59		2.2	0.56	mg/Kg	☼	02/07/14 07:07	02/07/14 09:31	1
Iron	7100		5.6	3.4	mg/Kg	☼	02/07/14 07:07	02/07/14 09:31	1
Lead	130		0.56	0.17	mg/Kg	☼	02/07/14 07:07	02/07/14 09:31	1

Client: SCS ES Consultants
Project/Site: Various COM Parks

TestAmerica Job ID: 640-46728-1

Client Sample ID: SB-4 (2)
Date Collected: 02/03/14 08:59
Date Received: 02/06/14 08:40

Lab Sample ID: 640-46728-2
Matrix: Solid
Percent Solids: 82.5

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	5.2		2.5	0.62	mg/Kg	☼	02/07/14 07:07	02/07/14 09:45	1
Arsenic	8.7		0.62	0.28	mg/Kg	☼	02/07/14 07:07	02/07/14 09:45	1
Barium	89		1.2	0.20	mg/Kg	☼	02/07/14 07:07	02/07/14 09:45	1
Chromium	14		1.2	0.21	mg/Kg	☼	02/07/14 07:07	02/07/14 09:45	1
Copper	92		2.5	0.62	mg/Kg	☼	02/07/14 07:07	02/07/14 09:45	1
Iron	11000		6.2	3.7	mg/Kg	☼	02/07/14 07:07	02/07/14 09:45	1
Lead	380		0.62	0.19	mg/Kg	☼	02/07/14 07:07	02/07/14 09:45	1

Client: SCS ES Consultants
Project/Site: Various COM Parks

TestAmerica Job ID: 640-46728-1

Client Sample ID: SB-4 (3)
Date Collected: 02/03/14 09:07
Date Received: 02/06/14 08:40

Lab Sample ID: 640-46728-3
Matrix: Solid
Percent Solids: 83.5

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.0	I	2.3	0.59	mg/Kg	☼	02/07/14 07:07	02/07/14 09:49	1
Arsenic	8.4		0.59	0.27	mg/Kg	☼	02/07/14 07:07	02/07/14 09:49	1
Barium	56		1.2	0.19	mg/Kg	☼	02/07/14 07:07	02/07/14 09:49	1
Chromium	9.9		1.2	0.20	mg/Kg	☼	02/07/14 07:07	02/07/14 09:49	1
Copper	52		2.3	0.59	mg/Kg	☼	02/07/14 07:07	02/07/14 09:49	1
Iron	6700		5.9	3.5	mg/Kg	☼	02/07/14 07:07	02/07/14 09:49	1
Lead	160		0.59	0.18	mg/Kg	☼	02/07/14 07:07	02/07/14 09:49	1

Client: SCS ES Consultants
Project/Site: Various COM Parks

TestAmerica Job ID: 640-46728-1

Client Sample ID: SB-4 (4)
Date Collected: 02/03/14 09:17
Date Received: 02/06/14 08:40

Lab Sample ID: 640-46728-4
Matrix: Solid
Percent Solids: 84.2

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	5.3		2.4	0.59	mg/Kg	☼	02/07/14 07:07	02/07/14 09:52	1
Arsenic	7.0		0.59	0.27	mg/Kg	☼	02/07/14 07:07	02/07/14 09:52	1
Barium	75		1.2	0.19	mg/Kg	☼	02/07/14 07:07	02/07/14 09:52	1
Chromium	25		1.2	0.20	mg/Kg	☼	02/07/14 07:07	02/07/14 09:52	1
Copper	78		2.4	0.59	mg/Kg	☼	02/07/14 07:07	02/07/14 09:52	1
Iron	8200		5.9	3.5	mg/Kg	☼	02/07/14 07:07	02/07/14 09:52	1
Lead	180		0.59	0.18	mg/Kg	☼	02/07/14 07:07	02/07/14 09:52	1

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 660-145926/1-A
Matrix: Solid
Analysis Batch: 145937

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 145926

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.50	U	2.0	0.50	mg/Kg		02/07/14 07:07	02/07/14 09:21	1
Arsenic	0.23	U	0.50	0.23	mg/Kg		02/07/14 07:07	02/07/14 09:21	1
Barium	0.16	U	1.0	0.16	mg/Kg		02/07/14 07:07	02/07/14 09:21	1
Chromium	0.17	U	1.0	0.17	mg/Kg		02/07/14 07:07	02/07/14 09:21	1
Copper	0.50	U	2.0	0.50	mg/Kg		02/07/14 07:07	02/07/14 09:21	1
Iron	3.0	U	5.0	3.0	mg/Kg		02/07/14 07:07	02/07/14 09:21	1
Lead	0.15	U	0.50	0.15	mg/Kg		02/07/14 07:07	02/07/14 09:21	1

Lab Sample ID: LCS 660-145926/2-A
Matrix: Solid
Analysis Batch: 145937

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 145926

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	50.0	48.3		mg/Kg		97	75 - 125
Arsenic	50.0	50.2		mg/Kg		100	75 - 125
Barium	50.0	51.5		mg/Kg		103	75 - 125
Chromium	50.0	52.0		mg/Kg		104	75 - 125
Copper	50.0	51.6		mg/Kg		103	75 - 125
Iron	50.0	55.0		mg/Kg		110	75 - 125
Lead	50.0	51.9		mg/Kg		104	75 - 125

Lab Sample ID: 640-46728-1 MS
Matrix: Solid
Analysis Batch: 145937

Client Sample ID: SB-4 (1)
Prep Type: Total/NA
Prep Batch: 145926

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	3.1		58.4	52.1		mg/Kg	☼	84	75 - 125
Arsenic	16		58.4	71.4		mg/Kg	☼	95	75 - 125
Barium	57		58.4	119		mg/Kg	☼	106	75 - 125
Chromium	13		58.4	65.5		mg/Kg	☼	90	75 - 125
Copper	59		58.4	115		mg/Kg	☼	97	75 - 125
Iron	7100		58.4	5740	J3	mg/Kg	☼	-2249	75 - 125
Lead	130		58.4	181		mg/Kg	☼	82	75 - 125

Lab Sample ID: 640-46728-1 MSD
Matrix: Solid
Analysis Batch: 145937

Client Sample ID: SB-4 (1)
Prep Type: Total/NA
Prep Batch: 145926

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	3.1		58.4	52.8		mg/Kg	☼	85	75 - 125	1	20
Arsenic	16		58.4	71.9		mg/Kg	☼	96	75 - 125	1	20
Barium	57		58.4	114		mg/Kg	☼	98	75 - 125	4	20
Chromium	13		58.4	65.6		mg/Kg	☼	90	75 - 125	0	20
Copper	59		58.4	112		mg/Kg	☼	92	75 - 125	3	20
Iron	7100		58.4	6140	J3	mg/Kg	☼	-1564	75 - 125	7	20
Lead	130		58.4	183		mg/Kg	☼	86	75 - 125	1	20

QC Association Summary

Client: SCS ES Consultants
Project/Site: Various COM Parks

TestAmerica Job ID: 640-46728-1

Metals

Prep Batch: 145926

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46728-1	SB-4 (1)	Total/NA	Solid	3050B	
640-46728-1 MS	SB-4 (1)	Total/NA	Solid	3050B	
640-46728-1 MSD	SB-4 (1)	Total/NA	Solid	3050B	
640-46728-2	SB-4 (2)	Total/NA	Solid	3050B	
640-46728-3	SB-4 (3)	Total/NA	Solid	3050B	
640-46728-4	SB-4 (4)	Total/NA	Solid	3050B	
LCS 660-145926/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 660-145926/1-A	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 145937

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46728-1	SB-4 (1)	Total/NA	Solid	6010B	145926
640-46728-1 MS	SB-4 (1)	Total/NA	Solid	6010B	145926
640-46728-1 MSD	SB-4 (1)	Total/NA	Solid	6010B	145926
640-46728-2	SB-4 (2)	Total/NA	Solid	6010B	145926
640-46728-3	SB-4 (3)	Total/NA	Solid	6010B	145926
640-46728-4	SB-4 (4)	Total/NA	Solid	6010B	145926
LCS 660-145926/2-A	Lab Control Sample	Total/NA	Solid	6010B	145926
MB 660-145926/1-A	Method Blank	Total/NA	Solid	6010B	145926

General Chemistry

Analysis Batch: 145936

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46728-1	SB-4 (1)	Total/NA	Solid	Moisture	
640-46728-2	SB-4 (2)	Total/NA	Solid	Moisture	
640-46728-3	SB-4 (3)	Total/NA	Solid	Moisture	
640-46728-4	SB-4 (4)	Total/NA	Solid	Moisture	

Lab Chronicle

Client: SCS ES Consultants
Project/Site: Various COM Parks

TestAmerica Job ID: 640-46728-1

Client Sample ID: SB-4 (1)

Lab Sample ID: 640-46728-1

Date Collected: 02/03/14 08:50
Matrix: Solid
Date Received: 02/06/14 08:40
Percent Solids: 86.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			145926	02/07/14 07:07	GAF	TAL TAM
Total/NA	Analysis	6010B		1	145937	02/07/14 09:31	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	145936	02/07/14 08:17	AJG	TAL TAM

Client Sample ID: SB-4 (2)

Lab Sample ID: 640-46728-2

Date Collected: 02/03/14 08:59
Matrix: Solid
Date Received: 02/06/14 08:40
Percent Solids: 82.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			145926	02/07/14 07:07	GAF	TAL TAM
Total/NA	Analysis	6010B		1	145937	02/07/14 09:45	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	145936	02/07/14 08:34	AJG	TAL TAM

Client Sample ID: SB-4 (3)

Lab Sample ID: 640-46728-3

Date Collected: 02/03/14 09:07
Matrix: Solid
Date Received: 02/06/14 08:40
Percent Solids: 83.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			145926	02/07/14 07:07	GAF	TAL TAM
Total/NA	Analysis	6010B		1	145937	02/07/14 09:49	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	145936	02/07/14 08:50	AJG	TAL TAM

Client Sample ID: SB-4 (4)

Lab Sample ID: 640-46728-4

Date Collected: 02/03/14 09:17
Matrix: Solid
Date Received: 02/06/14 08:40
Percent Solids: 84.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			145926	02/07/14 07:07	GAF	TAL TAM
Total/NA	Analysis	6010B		1	145937	02/07/14 09:52	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	145936	02/07/14 08:54	AJG	TAL TAM

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: SCS ES Consultants
Project/Site: Various COM Parks

TestAmerica Job ID: 640-46728-1

Laboratory: TestAmerica Tallahassee

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E81005	06-30-14
Georgia	State Program	4		06-30-14
Louisiana	NELAP	6	30663	06-30-14
New Jersey	NELAP	2	FL012	06-30-14
Texas	NELAP	6	T104704459-11-2	03-31-14
USDA	Federal		P330-08-00158	08-05-14

Laboratory: TestAmerica Tampa

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alabama	State Program	4	40610	06-30-14
Florida	NELAP	4	E84282	06-30-14
Georgia	State Program	4	905	06-30-14
USDA	Federal		P330-11-00177	04-20-14

Method Summary

Client: SCS ES Consultants
Project/Site: Various COM Parks

TestAmerica Job ID: 640-46728-1

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL TAM
Moisture	Percent Moisture	EPA	TAL TAM

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Sample Summary

Client: SCS ES Consultants
Project/Site: Various COM Parks

TestAmerica Job ID: 640-46728-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
640-46728-1	SB-4 (1)	Solid	02/03/14 08:50	02/06/14 08:40
640-46728-2	SB-4 (2)	Solid	02/03/14 08:59	02/06/14 08:40
640-46728-3	SB-4 (3)	Solid	02/03/14 09:07	02/06/14 08:40
640-46728-4	SB-4 (4)	Solid	02/03/14 09:17	02/06/14 08:40

Serial Number 82111

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Website: www.testamericainc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

Alternate Laboratory Name/Location
Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
Curtis Park	09213000.20	FL
TAL (LAB) PROJECT MANAGER	P.O. NUMBER	CONTRACT NO.
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
Randy Marks	305 412 8185	305 412-8125
CLIENT NAME	CLIENT E-MAIL	
JACOBS Ans. Hawks.	Mpages@jacobs.com	
CLIENT ADDRESS		
720 N. Kendall Drive #300 Miami FL		
COMPANY CONTRACTING THIS WORK (if applicable)		

MATRIX TYPE: COMPOSITE (C) OR GRAB (G) INDICATE; AQUEOUS (WATER); SOLID OR SEMISOLID; AIR; NONAQUEOUS LIQUID (OIL, SOLVENT, ...)

REQUIRED ANALYSIS: METALS Sb, As, Ba, Cr, Cu, Fe, Pb

PAGE OF

STANDARD REPORT DELIVERY

DATE DUE

EXPEDITED REPORT DELIVERY (SURCHARGE)

DATE DUE

NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS SUBMITTED	REMARKS
3-Feb-14	8:50	SB-4 (1)	X	
3-Feb-14	8:59	SB-4 (2)	X	
3-Feb-14	9:07	SB-4 (3)	X	
3-Feb-14	9:17	SB-4 (4)	X	

640-46728 Chain of Custody

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
	5-Feb-14	12:15						
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SAVANNAH LOG NO.	LABORATORY REMARKS
	2-6-14	0840	YES ○ NO ○			22.1°C (4-07 VI

TAL8240-680 (1008)

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tallahassee
2846 Industrial Plaza Drive
Tallahassee, FL 32301
Tel: (850)878-3994

TestAmerica Job ID: 640-46663-1
Client Project/Site: Various COM Parks

For:
SCS ES Consultants
7700 N. Kendall Drive, Suite 300
Miami, Florida 33156

Attn: Mr. Bob Speed

Authorized for release by:
2/4/2014 11:55:06 AM

Amy Marks, Project Manager II
(850)878-3994
amy.marks@testamericainc.com

Table of Contents

Qualifiers

Metals

Qualifier	Qualifier Description
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
U	Indicates that the compound was analyzed for but not detected.
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 640-46663-1

Laboratory: TestAmerica Tallahassee

Narrative

Job Narrative
640-46663-1

Comments
No additional comments.

Receipt
The samples were received on 2/1/2014 9:40 AM; the samples arrived in good condition, properly preserved and, where required, on ice.
The temperature of the cooler at receipt was 0.9º C.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: SCS ES Consultants
Project/Site: Various COM Parks

TestAmerica Job ID: 640-46663-1

Client Sample ID: SB-8 (0-0.5) — Lab Sample ID: 640-46663-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	0.60	I	2.3	0.58	mg/Kg	1	☼	6010B	Total/NA
Arsenic	1.1		0.58	0.27	mg/Kg	1	☼	6010B	Total/NA
Barium	13		1.2	0.19	mg/Kg	1	☼	6010B	Total/NA
Copper	15		2.3	0.58	mg/Kg	1	☼	6010B	Total/NA
Lead	35		0.58	0.17	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-8 (0.5-2) — Lab Sample ID: 640-46663-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	580		9.6	2.4	mg/Kg	4	☼	6010B	Total/NA
Arsenic	26		2.4	1.1	mg/Kg	4	☼	6010B	Total/NA
Barium	1000		4.8	0.77	mg/Kg	4	☼	6010B	Total/NA
Copper	1600		9.6	2.4	mg/Kg	4	☼	6010B	Total/NA
Lead	2600		2.4	0.72	mg/Kg	4	☼	6010B	Total/NA

Client Sample ID: SB-9 (0-0.5) — Lab Sample ID: 640-46663-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	9.0		2.9	0.71	mg/Kg	1	☼	6010B	Total/NA
Arsenic	8.9		0.71	0.33	mg/Kg	1	☼	6010B	Total/NA
Barium	200		1.4	0.23	mg/Kg	1	☼	6010B	Total/NA
Copper	160		2.9	0.71	mg/Kg	1	☼	6010B	Total/NA
Lead	550		0.71	0.21	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-9 (0.5-2) — Lab Sample ID: 640-46663-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	9.6		9.1	2.3	mg/Kg	4	☼	6010B	Total/NA
Arsenic	8.6		2.3	1.0	mg/Kg	4	☼	6010B	Total/NA
Barium	200		4.5	0.73	mg/Kg	4	☼	6010B	Total/NA
Copper	120		9.1	2.3	mg/Kg	4	☼	6010B	Total/NA
Lead	1300		2.3	0.68	mg/Kg	4	☼	6010B	Total/NA

Client Sample ID: SB-10 (0-0.5) — Lab Sample ID: 640-46663-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.9		0.55	0.25	mg/Kg	1	☼	6010B	Total/NA
Barium	8.4		1.1	0.17	mg/Kg	1	☼	6010B	Total/NA
Copper	1.7	I	2.2	0.55	mg/Kg	1	☼	6010B	Total/NA
Lead	3.7		0.55	0.16	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-10 (0.5-2) — Lab Sample ID: 640-46663-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	6.7		2.4	0.60	mg/Kg	1	☼	6010B	Total/NA
Arsenic	16		0.60	0.27	mg/Kg	1	☼	6010B	Total/NA
Barium	210		1.2	0.19	mg/Kg	1	☼	6010B	Total/NA
Copper	260		2.4	0.60	mg/Kg	1	☼	6010B	Total/NA
Lead	490		0.60	0.18	mg/Kg	1	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: SCS ES Consultants
Project/Site: Various COM Parks

TestAmerica Job ID: 640-46663-1

Client Sample ID: SB-11 (0-0.5) — Lab Sample ID: 640-46663-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.1		0.60	0.27	mg/Kg	1	☼	6010B	Total/NA
Barium	18		1.2	0.19	mg/Kg	1	☼	6010B	Total/NA
Copper	16		2.4	0.60	mg/Kg	1	☼	6010B	Total/NA
Lead	42		0.60	0.18	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-11 (0.5-2) — Lab Sample ID: 640-46663-8

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	9.5		5.0	1.3	mg/Kg	2	☼	6010B	Total/NA
Arsenic	14		1.3	0.58	mg/Kg	2	☼	6010B	Total/NA
Barium	370		2.5	0.40	mg/Kg	2	☼	6010B	Total/NA
Copper	1400		5.0	1.3	mg/Kg	2	☼	6010B	Total/NA
Lead	670		1.3	0.38	mg/Kg	2	☼	6010B	Total/NA

Client Sample ID: SB-12 (0-0.5) — Lab Sample ID: 640-46663-9

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	9.0		3.0	0.74	mg/Kg	1	☼	6010B	Total/NA
Arsenic	14		0.74	0.34	mg/Kg	1	☼	6010B	Total/NA
Barium	270		1.5	0.24	mg/Kg	1	☼	6010B	Total/NA
Copper	1100		3.0	0.74	mg/Kg	1	☼	6010B	Total/NA
Lead	710		0.74	0.22	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-12 (0.5-2) — Lab Sample ID: 640-46663-10

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	35		4.8	1.2	mg/Kg	2	☼	6010B	Total/NA
Arsenic	20		1.2	0.55	mg/Kg	2	☼	6010B	Total/NA
Barium	730		2.4	0.38	mg/Kg	2	☼	6010B	Total/NA
Copper	490		4.8	1.2	mg/Kg	2	☼	6010B	Total/NA
Lead	1800		1.2	0.36	mg/Kg	2	☼	6010B	Total/NA

Client Sample ID: SB-13 (0-0.5) — Lab Sample ID: 640-46663-11

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.9		1.1	0.52	mg/Kg	2	☼	6010B	Total/NA
Barium	5.4		2.2	0.36	mg/Kg	2	☼	6010B	Total/NA
Copper	1.1	I	4.5	1.1	mg/Kg	2	☼	6010B	Total/NA
Lead	3.1		1.1	0.34	mg/Kg	2	☼	6010B	Total/NA

Client Sample ID: SB-13 (0.5-2) — Lab Sample ID: 640-46663-12

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	15		9.1	2.3	mg/Kg	4	☼	6010B	Total/NA
Arsenic	30		2.3	1.0	mg/Kg	4	☼	6010B	Total/NA
Barium	660		4.6	0.73	mg/Kg	4	☼	6010B	Total/NA
Copper	2000		9.1	2.3	mg/Kg	4	☼	6010B	Total/NA
Lead	1400		2.3	0.68	mg/Kg	4	☼	6010B	Total/NA

Client Sample ID: SB-14 (0-0.5) — Lab Sample ID: 640-46663-13

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-14 (0-0.5) (Continued) — Lab Sample ID: 640-46663-13

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.7		0.60	0.28	mg/Kg	1	☼	6010B	Total/NA
Barium	8.2		1.2	0.19	mg/Kg	1	☼	6010B	Total/NA
Copper	11		2.4	0.60	mg/Kg	1	☼	6010B	Total/NA
Lead	20		0.60	0.18	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-14 (0.5-2) — Lab Sample ID: 640-46663-14

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	18		2.4	0.59	mg/Kg	1	☼	6010B	Total/NA
Arsenic	13		0.59	0.27	mg/Kg	1	☼	6010B	Total/NA
Barium	150		1.2	0.19	mg/Kg	1	☼	6010B	Total/NA
Copper	140		2.4	0.59	mg/Kg	1	☼	6010B	Total/NA
Lead	260		0.59	0.18	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-15 (0-0.5) — Lab Sample ID: 640-46663-15

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	0.78	I	2.4	0.60	mg/Kg	1	☼	6010B	Total/NA
Arsenic	20		0.60	0.27	mg/Kg	1	☼	6010B	Total/NA
Barium	21		1.2	0.19	mg/Kg	1	☼	6010B	Total/NA
Copper	28		2.4	0.60	mg/Kg	1	☼	6010B	Total/NA
Lead	70		0.60	0.18	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-15 (0.5-2) — Lab Sample ID: 640-46663-16

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	21		9.7	2.4	mg/Kg	4	☼	6010B	Total/NA
Arsenic	43		2.4	1.1	mg/Kg	4	☼	6010B	Total/NA
Barium	1200		4.9	0.78	mg/Kg	4	☼	6010B	Total/NA
Copper	830		9.7	2.4	mg/Kg	4	☼	6010B	Total/NA
Lead	2900		2.4	0.73	mg/Kg	4	☼	6010B	Total/NA

Client Sample ID: SB-16 (0-0.5) — Lab Sample ID: 640-46663-17

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.7		0.59	0.27	mg/Kg	1	☼	6010B	Total/NA
Barium	8.9		1.2	0.19	mg/Kg	1	☼	6010B	Total/NA
Copper	6.4		2.4	0.59	mg/Kg	1	☼	6010B	Total/NA
Lead	11		0.59	0.18	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-16 (0.5-2) — Lab Sample ID: 640-46663-18

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	4.1		2.1	0.54	mg/Kg	1	☼	6010B	Total/NA
Arsenic	14		0.54	0.25	mg/Kg	1	☼	6010B	Total/NA
Barium	160		1.1	0.17	mg/Kg	1	☼	6010B	Total/NA
Copper	120		2.1	0.54	mg/Kg	1	☼	6010B	Total/NA
Lead	500		0.54	0.16	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-17 (0-0.5) — Lab Sample ID: 640-46663-19

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-17 (0-0.5) (Continued)

Lab Sample ID: 640-46663-19

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.7		0.59	0.27	mg/Kg	1	☼	6010B	Total/NA
Barium	8.5		1.2	0.19	mg/Kg	1	☼	6010B	Total/NA
Copper	9.8		2.4	0.59	mg/Kg	1	☼	6010B	Total/NA
Lead	19		0.59	0.18	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-17 (0.5-2)

Lab Sample ID: 640-46663-20

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	6.2		2.3	0.57	mg/Kg	1	☼	6010B	Total/NA
Arsenic	28		0.57	0.26	mg/Kg	1	☼	6010B	Total/NA
Barium	240		1.1	0.18	mg/Kg	1	☼	6010B	Total/NA
Copper	290		2.3	0.57	mg/Kg	1	☼	6010B	Total/NA
Lead	480		0.57	0.17	mg/Kg	1	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client: SCS ES Consultants
Project/Site: Various COM Parks

TestAmerica Job ID: 640-46663-1

Client Sample ID: SB-8 (0-0.5)
Date Collected: 01/31/14 09:11
Date Received: 02/01/14 09:40

Lab Sample ID: 640-46663-1
Matrix: Solid
Percent Solids: 85.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.60	I	2.3	0.58	mg/Kg	☼	02/03/14 11:31	02/03/14 15:06	1
Arsenic	1.1		0.58	0.27	mg/Kg	☼	02/03/14 11:31	02/03/14 15:06	1
Barium	13		1.2	0.19	mg/Kg	☼	02/03/14 11:31	02/03/14 15:06	1
Copper	15		2.3	0.58	mg/Kg	☼	02/03/14 11:31	02/03/14 15:06	1
Lead	35		0.58	0.17	mg/Kg	☼	02/03/14 11:31	02/03/14 15:06	1

Client: SCS ES Consultants
Project/Site: Various COM Parks

TestAmerica Job ID: 640-46663-1

Client Sample ID: SB-8 (0.5-2)
Date Collected: 01/31/14 09:14
Date Received: 02/01/14 09:40

Lab Sample ID: 640-46663-2
Matrix: Solid
Percent Solids: 81.5

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	580		9.6	2.4	mg/Kg	☼	02/03/14 11:31	02/04/14 10:21	4
Arsenic	26		2.4	1.1	mg/Kg	☼	02/03/14 11:31	02/04/14 10:21	4
Barium	1000		4.8	0.77	mg/Kg	☼	02/03/14 11:31	02/04/14 10:21	4
Copper	1600		9.6	2.4	mg/Kg	☼	02/03/14 11:31	02/04/14 10:21	4
Lead	2600		2.4	0.72	mg/Kg	☼	02/03/14 11:31	02/04/14 10:21	4

Client Sample Results

Client: SCS ES Consultants
Project/Site: Various COM Parks

TestAmerica Job ID: 640-46663-1

Client Sample ID: SB-9 (0-0.5)
Date Collected: 01/31/14 09:20
Date Received: 02/01/14 09:40

Lab Sample ID: 640-46663-3
Matrix: Solid
Percent Solids: 72.1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	9.0		2.9	0.71	mg/Kg	☼	02/03/14 11:31	02/03/14 15:13	1
Arsenic	8.9		0.71	0.33	mg/Kg	☼	02/03/14 11:31	02/03/14 15:13	1
Barium	200		1.4	0.23	mg/Kg	☼	02/03/14 11:31	02/03/14 15:13	1
Copper	160		2.9	0.71	mg/Kg	☼	02/03/14 11:31	02/03/14 15:13	1
Lead	550		0.71	0.21	mg/Kg	☼	02/03/14 11:31	02/03/14 15:13	1

Client: SCS ES Consultants
Project/Site: Various COM Parks

TestAmerica Job ID: 640-46663-1

Client Sample ID: SB-9 (0.5-2)
Date Collected: 01/31/14 09:25
Date Received: 02/01/14 09:40

Lab Sample ID: 640-46663-4
Matrix: Solid
Percent Solids: 86.4

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	9.6		9.1	2.3	mg/Kg	☼	02/03/14 11:31	02/04/14 10:24	4
Arsenic	8.6		2.3	1.0	mg/Kg	☼	02/03/14 11:31	02/04/14 10:24	4
Barium	200		4.5	0.73	mg/Kg	☼	02/03/14 11:31	02/04/14 10:24	4
Copper	120		9.1	2.3	mg/Kg	☼	02/03/14 11:31	02/04/14 10:24	4
Lead	1300		2.3	0.68	mg/Kg	☼	02/03/14 11:31	02/04/14 10:24	4

Client: SCS ES Consultants
Project/Site: Various COM Parks

TestAmerica Job ID: 640-46663-1

Client Sample ID: SB-10 (0-0.5)
Date Collected: 01/31/14 09:27
Date Received: 02/01/14 09:40

Lab Sample ID: 640-46663-5
Matrix: Solid
Percent Solids: 88.8

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.55	U	2.2	0.55	mg/Kg	☼	02/03/14 11:31	02/03/14 15:27	1
Arsenic	**4.9**		0.55	0.25	mg/Kg	☼	02/03/14 11:31	02/03/14 15:27	1
Barium	**8.4**		1.1	0.17	mg/Kg	☼	02/03/14 11:31	02/03/14 15:27	1
Copper	**1.7**	I	2.2	0.55	mg/Kg	☼	02/03/14 11:31	02/03/14 15:27	1
Lead	**3.7**		0.55	0.16	mg/Kg	☼	02/03/14 11:31	02/03/14 15:27	1

Client: SCS ES Consultants
Project/Site: Various COM Parks

TestAmerica Job ID: 640-46663-1

Client Sample ID: SB-10 (0.5-2)
Date Collected: 01/31/14 09:30
Date Received: 02/01/14 09:40

Lab Sample ID: 640-46663-6
Matrix: Solid
Percent Solids: 86.6

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	6.7		2.4	0.60	mg/Kg	☼	02/03/14 11:31	02/03/14 15:30	1
Arsenic	16		0.60	0.27	mg/Kg	☼	02/03/14 11:31	02/03/14 15:30	1
Barium	210		1.2	0.19	mg/Kg	☼	02/03/14 11:31	02/03/14 15:30	1
Copper	260		2.4	0.60	mg/Kg	☼	02/03/14 11:31	02/03/14 15:30	1
Lead	490		0.60	0.18	mg/Kg	☼	02/03/14 11:31	02/03/14 15:30	1

Client: SCS ES Consultants
Project/Site: Various COM Parks

TestAmerica Job ID: 640-46663-1

Client Sample ID: SB-11 (0-0.5)
Date Collected: 01/31/14 09:36
Date Received: 02/01/14 09:40

Lab Sample ID: 640-46663-7
Matrix: Solid
Percent Solids: 83.1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.60	U	2.4	0.60	mg/Kg	☼	02/03/14 11:31	02/03/14 15:34	1
Arsenic	**5.1**		0.60	0.27	mg/Kg	☼	02/03/14 11:31	02/03/14 15:34	1
Barium	**18**		1.2	0.19	mg/Kg	☼	02/03/14 11:31	02/03/14 15:34	1
Copper	**16**		2.4	0.60	mg/Kg	☼	02/03/14 11:31	02/03/14 15:34	1
Lead	**42**		0.60	0.18	mg/Kg	☼	02/03/14 11:31	02/03/14 15:34	1

Client: SCS ES Consultants
Project/Site: Various COM Parks

TestAmerica Job ID: 640-46663-1

Client Sample ID: SB-11 (0.5-2)
Date Collected: 01/31/14 09:40
Date Received: 02/01/14 09:40

Lab Sample ID: 640-46663-8
Matrix: Solid
Percent Solids: 81.3

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	9.5		5.0	1.3	mg/Kg	☼	02/03/14 11:31	02/03/14 18:03	2
Arsenic	14		1.3	0.58	mg/Kg	☼	02/03/14 11:31	02/03/14 18:03	2
Barium	370		2.5	0.40	mg/Kg	☼	02/03/14 11:31	02/03/14 18:03	2
Copper	1400		5.0	1.3	mg/Kg	☼	02/03/14 11:31	02/03/14 18:03	2
Lead	670		1.3	0.38	mg/Kg	☼	02/03/14 11:31	02/03/14 18:03	2

Client: SCS ES Consultants
Project/Site: Various COM Parks

TestAmerica Job ID: 640-46663-1

Client Sample ID: SB-12 (0-0.5)
Date Collected: 01/31/14 10:30
Date Received: 02/01/14 09:40

Lab Sample ID: 640-46663-9
Matrix: Solid
Percent Solids: 69.6

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	9.0		3.0	0.74	mg/Kg	☼	02/03/14 11:31	02/03/14 15:37	1
Arsenic	14		0.74	0.34	mg/Kg	☼	02/03/14 11:31	02/03/14 15:37	1
Barium	270		1.5	0.24	mg/Kg	☼	02/03/14 11:31	02/03/14 15:37	1
Copper	1100		3.0	0.74	mg/Kg	☼	02/03/14 11:31	02/03/14 15:37	1
Lead	710		0.74	0.22	mg/Kg	☼	02/03/14 11:31	02/03/14 15:37	1

Client: SCS ES Consultants
Project/Site: Various COM Parks

TestAmerica Job ID: 640-46663-1

Client Sample ID: SB-12 (0.5-2)
Date Collected: 01/31/14 10:35
Date Received: 02/01/14 09:40

Lab Sample ID: 640-46663-10
Matrix: Solid
Percent Solids: 84.1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	35		4.8	1.2	mg/Kg	☼	02/03/14 11:31	02/03/14 18:14	2
Arsenic	20		1.2	0.55	mg/Kg	☼	02/03/14 11:31	02/03/14 18:14	2
Barium	730		2.4	0.38	mg/Kg	☼	02/03/14 11:31	02/03/14 18:14	2
Copper	490		4.8	1.2	mg/Kg	☼	02/03/14 11:31	02/03/14 18:14	2
Lead	1800		1.2	0.36	mg/Kg	☼	02/03/14 11:31	02/03/14 18:14	2

Client: SCS ES Consultants
Project/Site: Various COM Parks

TestAmerica Job ID: 640-46663-1

Client Sample ID: SB-13 (0-0.5)
Date Collected: 01/31/14 10:20
Date Received: 02/01/14 09:40

Lab Sample ID: 640-46663-11
Matrix: Solid
Percent Solids: 89.1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.1	U	4.5	1.1	mg/Kg	☼	02/03/14 11:31	02/03/14 18:17	2
Arsenic	**5.9**		1.1	0.52	mg/Kg	☼	02/03/14 11:31	02/03/14 18:17	2
Barium	**5.4**		2.2	0.36	mg/Kg	☼	02/03/14 11:31	02/03/14 18:17	2
Copper	**1.1**	I	4.5	1.1	mg/Kg	☼	02/03/14 11:31	02/03/14 18:17	2
Lead	**3.1**		1.1	0.34	mg/Kg	☼	02/03/14 11:31	02/03/14 18:17	2

Client: SCS ES Consultants
Project/Site: Various COM Parks

TestAmerica Job ID: 640-46663-1

Client Sample ID: SB-13 (0.5-2)
Date Collected: 01/31/14 10:23
Date Received: 02/01/14 09:40

Lab Sample ID: 640-46663-12
Matrix: Solid
Percent Solids: 86.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	15		9.1	2.3	mg/Kg	☼	02/03/14 11:31	02/04/14 10:27	4
Arsenic	30		2.3	1.0	mg/Kg	☼	02/03/14 11:31	02/04/14 10:27	4
Barium	660		4.6	0.73	mg/Kg	☼	02/03/14 11:31	02/04/14 10:27	4
Copper	2000		9.1	2.3	mg/Kg	☼	02/03/14 11:31	02/04/14 10:27	4
Lead	1400		2.3	0.68	mg/Kg	☼	02/03/14 11:31	02/04/14 10:27	4

Client: SCS ES Consultants
Project/Site: Various COM Parks

TestAmerica Job ID: 640-46663-1

Client Sample ID: SB-14 (0-0.5)
Date Collected: 01/31/14 09:43
Date Received: 02/01/14 09:40

Lab Sample ID: 640-46663-13
Matrix: Solid
Percent Solids: 83.5

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.60	U	2.4	0.60	mg/Kg	☼	02/03/14 11:31	02/03/14 15:52	1
Arsenic	**3.7**		0.60	0.28	mg/Kg	☼	02/03/14 11:31	02/03/14 15:52	1
Barium	**8.2**		1.2	0.19	mg/Kg	☼	02/03/14 11:31	02/03/14 15:52	1
Copper	**11**		2.4	0.60	mg/Kg	☼	02/03/14 11:31	02/03/14 15:52	1
Lead	**20**		0.60	0.18	mg/Kg	☼	02/03/14 11:31	02/03/14 15:52	1

Client: SCS ES Consultants
Project/Site: Various COM Parks

TestAmerica Job ID: 640-46663-1

Client Sample ID: SB-14 (0.5-2)
Date Collected: 01/31/14 09:45
Date Received: 02/01/14 09:40

Lab Sample ID: 640-46663-14
Matrix: Solid
Percent Solids: 83.2

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	18		2.4	0.59	mg/Kg	☼	02/03/14 11:31	02/03/14 15:55	1
Arsenic	13		0.59	0.27	mg/Kg	☼	02/03/14 11:31	02/03/14 15:55	1
Barium	150		1.2	0.19	mg/Kg	☼	02/03/14 11:31	02/03/14 15:55	1
Copper	140		2.4	0.59	mg/Kg	☼	02/03/14 11:31	02/03/14 15:55	1
Lead	260		0.59	0.18	mg/Kg	☼	02/03/14 11:31	02/03/14 15:55	1

Client: SCS ES Consultants
Project/Site: Various COM Parks

TestAmerica Job ID: 640-46663-1

Client Sample ID: SB-15 (0-0.5)
Date Collected: 01/31/14 10:12
Date Received: 02/01/14 09:40

Lab Sample ID: 640-46663-15
Matrix: Solid
Percent Solids: 85.4

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.78	I	2.4	0.60	mg/Kg	☼	02/03/14 11:31	02/03/14 16:05	1
Arsenic	20		0.60	0.27	mg/Kg	☼	02/03/14 11:31	02/03/14 16:05	1
Barium	21		1.2	0.19	mg/Kg	☼	02/03/14 11:31	02/03/14 16:05	1
Copper	28		2.4	0.60	mg/Kg	☼	02/03/14 11:31	02/03/14 16:05	1
Lead	70		0.60	0.18	mg/Kg	☼	02/03/14 11:31	02/03/14 16:05	1

Client: SCS ES Consultants
Project/Site: Various COM Parks

TestAmerica Job ID: 640-46663-1

Client Sample ID: SB-15 (0.5-2)
Date Collected: 01/31/14 10:15
Date Received: 02/01/14 09:40

Lab Sample ID: 640-46663-16
Matrix: Solid
Percent Solids: 82.2

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	21		9.7	2.4	mg/Kg	☼	02/03/14 11:31	02/03/14 18:24	4
Arsenic	43		2.4	1.1	mg/Kg	☼	02/03/14 11:31	02/03/14 18:24	4
Barium	1200		4.9	0.78	mg/Kg	☼	02/03/14 11:31	02/03/14 18:24	4
Copper	830		9.7	2.4	mg/Kg	☼	02/03/14 11:31	02/03/14 18:24	4
Lead	2900		2.4	0.73	mg/Kg	☼	02/03/14 11:31	02/03/14 18:24	4

Client: SCS ES Consultants
Project/Site: Various COM Parks

TestAmerica Job ID: 640-46663-1

Client Sample ID: SB-16 (0-0.5)
Date Collected: 01/31/14 09:50
Date Received: 02/01/14 09:40

Lab Sample ID: 640-46663-17
Matrix: Solid
Percent Solids: 86.9

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.59	U	2.4	0.59	mg/Kg	☼	02/03/14 11:31	02/03/14 16:13	1
Arsenic	**4.7**		0.59	0.27	mg/Kg	☼	02/03/14 11:31	02/03/14 16:13	1
Barium	**8.9**		1.2	0.19	mg/Kg	☼	02/03/14 11:31	02/03/14 16:13	1
Copper	**6.4**		2.4	0.59	mg/Kg	☼	02/03/14 11:31	02/03/14 16:13	1
Lead	**11**		0.59	0.18	mg/Kg	☼	02/03/14 11:31	02/03/14 16:13	1

Client: SCS ES Consultants
Project/Site: Various COM Parks

TestAmerica Job ID: 640-46663-1

Client Sample ID: SB-16 (0.5-2)
Date Collected: 01/31/14 09:53
Date Received: 02/01/14 09:40

Lab Sample ID: 640-46663-18
Matrix: Solid
Percent Solids: 90.7

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	4.1		2.1	0.54	mg/Kg	☼	02/03/14 11:31	02/03/14 16:16	1
Arsenic	14		0.54	0.25	mg/Kg	☼	02/03/14 11:31	02/03/14 16:16	1
Barium	160		1.1	0.17	mg/Kg	☼	02/03/14 11:31	02/03/14 16:16	1
Copper	120		2.1	0.54	mg/Kg	☼	02/03/14 11:31	02/03/14 16:16	1
Lead	500		0.54	0.16	mg/Kg	☼	02/03/14 11:31	02/03/14 16:16	1

Client: SCS ES Consultants
Project/Site: Various COM Parks

TestAmerica Job ID: 640-46663-1

Client Sample ID: SB-17 (0-0.5)
Date Collected: 01/31/14 09:56
Date Received: 02/01/14 09:40

Lab Sample ID: 640-46663-19
Matrix: Solid
Percent Solids: 85.4

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.59	U	2.4	0.59	mg/Kg	☼	02/03/14 11:31	02/03/14 16:20	1
Arsenic	**5.7**		0.59	0.27	mg/Kg	☼	02/03/14 11:31	02/03/14 16:20	1
Barium	**8.5**		1.2	0.19	mg/Kg	☼	02/03/14 11:31	02/03/14 16:20	1
Copper	**9.8**		2.4	0.59	mg/Kg	☼	02/03/14 11:31	02/03/14 16:20	1
Lead	**19**		0.59	0.18	mg/Kg	☼	02/03/14 11:31	02/03/14 16:20	1

Client: SCS ES Consultants
Project/Site: Various COM Parks

TestAmerica Job ID: 640-46663-1

Client Sample ID: SB-17 (0.5-2)
Date Collected: 01/31/14 10:00
Date Received: 02/01/14 09:40

Lab Sample ID: 640-46663-20
Matrix: Solid
Percent Solids: 85.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	6.2		2.3	0.57	mg/Kg	☼	02/03/14 11:31	02/03/14 16:23	1
Arsenic	28		0.57	0.26	mg/Kg	☼	02/03/14 11:31	02/03/14 16:23	1
Barium	240		1.1	0.18	mg/Kg	☼	02/03/14 11:31	02/03/14 16:23	1
Copper	290		2.3	0.57	mg/Kg	☼	02/03/14 11:31	02/03/14 16:23	1
Lead	480		0.57	0.17	mg/Kg	☼	02/03/14 11:31	02/03/14 16:23	1

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 660-145761/1-A
Matrix: Solid
Analysis Batch: 145759

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 145761

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.50	U	2.0	0.50	mg/Kg		02/03/14 11:31	02/03/14 14:42	1
Arsenic	0.23	U	0.50	0.23	mg/Kg		02/03/14 11:31	02/03/14 14:42	1
Barium	0.16	U	1.0	0.16	mg/Kg		02/03/14 11:31	02/03/14 14:42	1
Copper	0.50	U	2.0	0.50	mg/Kg		02/03/14 11:31	02/03/14 14:42	1
Lead	0.15	U	0.50	0.15	mg/Kg		02/03/14 11:31	02/03/14 14:42	1

Lab Sample ID: LCS 660-145761/2-A
Matrix: Solid
Analysis Batch: 145759

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 145761

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	50.0	50.5		mg/Kg		101	75 - 125
Arsenic	50.0	51.7		mg/Kg		103	75 - 125
Barium	50.0	51.3		mg/Kg		103	75 - 125
Copper	50.0	51.4		mg/Kg		103	75 - 125
Lead	50.0	53.5		mg/Kg		107	75 - 125

Lab Sample ID: 640-46663-8 MS
Matrix: Solid
Analysis Batch: 145798

Client Sample ID: SB-11 (0.5-2)
Prep Type: Total/NA
Prep Batch: 145761

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	9.5		60.3	61.2		mg/Kg	☼	86	75 - 125
Arsenic	14		60.3	79.3		mg/Kg	☼	108	75 - 125
Barium	370		60.3	245	J3	mg/Kg	☼	-203	75 - 125
Copper	1400		60.3	167	J3	mg/Kg	☼	-2013	75 - 125
Lead	670		60.3	537	J3	mg/Kg	☼	-214	75 - 125

Lab Sample ID: 640-46663-8 MSD
Matrix: Solid
Analysis Batch: 145798

Client Sample ID: SB-11 (0.5-2)
Prep Type: Total/NA
Prep Batch: 145761

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	9.5		62.1	61.7		mg/Kg	☼	84	75 - 125	1	20
Arsenic	14		62.1	71.3		mg/Kg	☼	92	75 - 125	11	20
Barium	370		62.1	363	J3	mg/Kg	☼	-8	75 - 125	39	20
Copper	1400		62.1	207	J3	mg/Kg	☼	-1890	75 - 125	21	20
Lead	670		62.1	560	J3	mg/Kg	☼	-171	75 - 125	4	20

Metals

Analysis Batch: 145759

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46663-1	SB-8 (0-0.5)	Total/NA	Solid	6010B	145761
640-46663-3	SB-9 (0-0.5)	Total/NA	Solid	6010B	145761
640-46663-5	SB-10 (0-0.5)	Total/NA	Solid	6010B	145761
640-46663-6	SB-10 (0.5-2)	Total/NA	Solid	6010B	145761
640-46663-7	SB-11 (0-0.5)	Total/NA	Solid	6010B	145761
640-46663-8	SB-11 (0.5-2)	Total/NA	Solid	6010B	145761
640-46663-9	SB-12 (0-0.5)	Total/NA	Solid	6010B	145761
640-46663-10	SB-12 (0.5-2)	Total/NA	Solid	6010B	145761
640-46663-11	SB-13 (0-0.5)	Total/NA	Solid	6010B	145761
640-46663-13	SB-14 (0-0.5)	Total/NA	Solid	6010B	145761
640-46663-14	SB-14 (0.5-2)	Total/NA	Solid	6010B	145761
640-46663-15	SB-15 (0-0.5)	Total/NA	Solid	6010B	145761
640-46663-16	SB-15 (0.5-2)	Total/NA	Solid	6010B	145761
640-46663-17	SB-16 (0-0.5)	Total/NA	Solid	6010B	145761
640-46663-18	SB-16 (0.5-2)	Total/NA	Solid	6010B	145761
640-46663-19	SB-17 (0-0.5)	Total/NA	Solid	6010B	145761
640-46663-20	SB-17 (0.5-2)	Total/NA	Solid	6010B	145761
LCS 660-145761/2-A	Lab Control Sample	Total/NA	Solid	6010B	145761
MB 660-145761/1-A	Method Blank	Total/NA	Solid	6010B	145761

Prep Batch: 145761

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46663-1	SB-8 (0-0.5)	Total/NA	Solid	3050B	
640-46663-2	SB-8 (0.5-2)	Total/NA	Solid	3050B	
640-46663-3	SB-9 (0-0.5)	Total/NA	Solid	3050B	
640-46663-4	SB-9 (0.5-2)	Total/NA	Solid	3050B	
640-46663-5	SB-10 (0-0.5)	Total/NA	Solid	3050B	
640-46663-6	SB-10 (0.5-2)	Total/NA	Solid	3050B	
640-46663-7	SB-11 (0-0.5)	Total/NA	Solid	3050B	
640-46663-8	SB-11 (0.5-2)	Total/NA	Solid	3050B	
640-46663-8 MS	SB-11 (0.5-2)	Total/NA	Solid	3050B	
640-46663-8 MSD	SB-11 (0.5-2)	Total/NA	Solid	3050B	
640-46663-9	SB-12 (0-0.5)	Total/NA	Solid	3050B	
640-46663-10	SB-12 (0.5-2)	Total/NA	Solid	3050B	
640-46663-11	SB-13 (0-0.5)	Total/NA	Solid	3050B	
640-46663-12	SB-13 (0.5-2)	Total/NA	Solid	3050B	
640-46663-13	SB-14 (0-0.5)	Total/NA	Solid	3050B	
640-46663-14	SB-14 (0.5-2)	Total/NA	Solid	3050B	
640-46663-15	SB-15 (0-0.5)	Total/NA	Solid	3050B	
640-46663-16	SB-15 (0.5-2)	Total/NA	Solid	3050B	
640-46663-17	SB-16 (0-0.5)	Total/NA	Solid	3050B	
640-46663-18	SB-16 (0.5-2)	Total/NA	Solid	3050B	
640-46663-19	SB-17 (0-0.5)	Total/NA	Solid	3050B	
640-46663-20	SB-17 (0.5-2)	Total/NA	Solid	3050B	
LCS 660-145761/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 660-145761/1-A	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 145798

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46663-2	SB-8 (0.5-2)	Total/NA	Solid	6010B	145761
640-46663-4	SB-9 (0.5-2)	Total/NA	Solid	6010B	145761

Metals (Continued)

Analysis Batch: 145798 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46663-8 MS	SB-11 (0.5-2)	Total/NA	Solid	6010B	145761
640-46663-8 MSD	SB-11 (0.5-2)	Total/NA	Solid	6010B	145761
640-46663-12	SB-13 (0.5-2)	Total/NA	Solid	6010B	145761

General Chemistry

Analysis Batch: 145770

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46663-1	SB-8 (0-0.5)	Total/NA	Solid	Moisture	
640-46663-1 DU	SB-8 (0-0.5)	Total/NA	Solid	Moisture	
640-46663-2	SB-8 (0.5-2)	Total/NA	Solid	Moisture	
640-46663-3	SB-9 (0-0.5)	Total/NA	Solid	Moisture	
640-46663-4	SB-9 (0.5-2)	Total/NA	Solid	Moisture	
640-46663-5	SB-10 (0-0.5)	Total/NA	Solid	Moisture	
640-46663-6	SB-10 (0.5-2)	Total/NA	Solid	Moisture	
640-46663-7	SB-11 (0-0.5)	Total/NA	Solid	Moisture	
640-46663-8	SB-11 (0.5-2)	Total/NA	Solid	Moisture	
640-46663-9	SB-12 (0-0.5)	Total/NA	Solid	Moisture	
640-46663-10	SB-12 (0.5-2)	Total/NA	Solid	Moisture	
640-46663-11	SB-13 (0-0.5)	Total/NA	Solid	Moisture	
640-46663-12	SB-13 (0.5-2)	Total/NA	Solid	Moisture	
640-46663-13	SB-14 (0-0.5)	Total/NA	Solid	Moisture	
640-46663-14	SB-14 (0.5-2)	Total/NA	Solid	Moisture	
640-46663-15	SB-15 (0-0.5)	Total/NA	Solid	Moisture	
640-46663-16	SB-15 (0.5-2)	Total/NA	Solid	Moisture	

Analysis Batch: 145785

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46663-17	SB-16 (0-0.5)	Total/NA	Solid	Moisture	
640-46663-17 DU	SB-16 (0-0.5)	Total/NA	Solid	Moisture	
640-46663-18	SB-16 (0.5-2)	Total/NA	Solid	Moisture	
640-46663-19	SB-17 (0-0.5)	Total/NA	Solid	Moisture	
640-46663-20	SB-17 (0.5-2)	Total/NA	Solid	Moisture	

Client Sample ID: SB-8 (0-0.5)

Lab Sample ID: 640-46663-1

Date Collected: 01/31/14 09:11

Matrix: Solid

Date Received: 02/01/14 09:40

Percent Solids: 85.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			145761	02/03/14 11:31	RAG	TAL TAM
Total/NA	Analysis	6010B		1	145759	02/03/14 15:06	RAG	TAL TAM
Total/NA	Analysis	Moisture		1	145770	02/03/14 12:13	AJG	TAL TAM

Client Sample ID: SB-8 (0.5-2)

Lab Sample ID: 640-46663-2

Date Collected: 01/31/14 09:14

Matrix: Solid

Date Received: 02/01/14 09:40

Percent Solids: 81.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			145761	02/03/14 11:31	RAG	TAL TAM
Total/NA	Analysis	6010B		4	145798	02/04/14 10:21	RAG	TAL TAM
Total/NA	Analysis	Moisture		1	145770	02/03/14 12:19	AJG	TAL TAM

Client Sample ID: SB-9 (0-0.5)

Lab Sample ID: 640-46663-3

Date Collected: 01/31/14 09:20

Matrix: Solid

Date Received: 02/01/14 09:40

Percent Solids: 72.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			145761	02/03/14 11:31	RAG	TAL TAM
Total/NA	Analysis	6010B		1	145759	02/03/14 15:13	RAG	TAL TAM
Total/NA	Analysis	Moisture		1	145770	02/03/14 12:31	AJG	TAL TAM

Client Sample ID: SB-9 (0.5-2)

Lab Sample ID: 640-46663-4

Date Collected: 01/31/14 09:25

Matrix: Solid

Date Received: 02/01/14 09:40

Percent Solids: 86.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			145761	02/03/14 11:31	RAG	TAL TAM
Total/NA	Analysis	6010B		4	145798	02/04/14 10:24	RAG	TAL TAM
Total/NA	Analysis	Moisture		1	145770	02/03/14 12:27	AJG	TAL TAM

Client Sample ID: SB-10 (0-0.5)

Lab Sample ID: 640-46663-5

Date Collected: 01/31/14 09:27

Matrix: Solid

Date Received: 02/01/14 09:40

Percent Solids: 88.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			145761	02/03/14 11:31	RAG	TAL TAM
Total/NA	Analysis	6010B		1	145759	02/03/14 15:27	RAG	TAL TAM
Total/NA	Analysis	Moisture		1	145770	02/03/14 12:44	AJG	TAL TAM

Client Sample ID: SB-10 (0.5-2)

Lab Sample ID: 640-46663-6

Date Collected: 01/31/14 09:30

Matrix: Solid

Date Received: 02/01/14 09:40

Percent Solids: 86.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			145761	02/03/14 11:31	RAG	TAL TAM
Total/NA	Analysis	6010B		1	145759	02/03/14 15:30	RAG	TAL TAM
Total/NA	Analysis	Moisture		1	145770	02/03/14 12:41	AJG	TAL TAM

Client Sample ID: SB-11 (0-0.5)

Lab Sample ID: 640-46663-7

Date Collected: 01/31/14 09:36

Matrix: Solid

Date Received: 02/01/14 09:40

Percent Solids: 83.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			145761	02/03/14 11:31	RAG	TAL TAM
Total/NA	Analysis	6010B		1	145759	02/03/14 15:34	RAG	TAL TAM
Total/NA	Analysis	Moisture		1	145770	02/03/14 13:07	AJG	TAL TAM

Client Sample ID: SB-11 (0.5-2)

Lab Sample ID: 640-46663-8

Date Collected: 01/31/14 09:40

Matrix: Solid

Date Received: 02/01/14 09:40

Percent Solids: 81.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			145761	02/03/14 11:31	RAG	TAL TAM
Total/NA	Analysis	6010B		2	145759	02/03/14 18:03	RAG	TAL TAM
Total/NA	Analysis	Moisture		1	145770	02/03/14 13:04	AJG	TAL TAM

Client Sample ID: SB-12 (0-0.5)

Lab Sample ID: 640-46663-9

Date Collected: 01/31/14 10:30

Matrix: Solid

Date Received: 02/01/14 09:40

Percent Solids: 69.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			145761	02/03/14 11:31	RAG	TAL TAM
Total/NA	Analysis	6010B		1	145759	02/03/14 15:37	RAG	TAL TAM
Total/NA	Analysis	Moisture		1	145770	02/03/14 13:30	AJG	TAL TAM

Client Sample ID: SB-12 (0.5-2)

Lab Sample ID: 640-46663-10

Date Collected: 01/31/14 10:35

Matrix: Solid

Date Received: 02/01/14 09:40

Percent Solids: 84.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			145761	02/03/14 11:31	RAG	TAL TAM
Total/NA	Analysis	6010B		2	145759	02/03/14 18:14	RAG	TAL TAM
Total/NA	Analysis	Moisture		1	145770	02/03/14 13:19	AJG	TAL TAM

Client Sample ID: SB-13 (0-0.5)

Lab Sample ID: 640-46663-11

Date Collected: 01/31/14 10:20

Matrix: Solid

Date Received: 02/01/14 09:40

Percent Solids: 89.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			145761	02/03/14 11:31	RAG	TAL TAM
Total/NA	Analysis	6010B		2	145759	02/03/14 18:17	RAG	TAL TAM
Total/NA	Analysis	Moisture		1	145770	02/03/14 13:40	AJG	TAL TAM

Client Sample ID: SB-13 (0.5-2)

Lab Sample ID: 640-46663-12

Date Collected: 01/31/14 10:23

Matrix: Solid

Date Received: 02/01/14 09:40

Percent Solids: 86.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			145761	02/03/14 11:31	RAG	TAL TAM
Total/NA	Analysis	6010B		4	145798	02/04/14 10:27	RAG	TAL TAM
Total/NA	Analysis	Moisture		1	145770	02/03/14 13:38	AJG	TAL TAM

Client Sample ID: SB-14 (0-0.5)

Lab Sample ID: 640-46663-13

Date Collected: 01/31/14 09:43

Matrix: Solid

Date Received: 02/01/14 09:40

Percent Solids: 83.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			145761	02/03/14 11:31	RAG	TAL TAM
Total/NA	Analysis	6010B		1	145759	02/03/14 15:52	RAG	TAL TAM
Total/NA	Analysis	Moisture		1	145770	02/03/14 13:53	AJG	TAL TAM

Client Sample ID: SB-14 (0.5-2)

Lab Sample ID: 640-46663-14

Date Collected: 01/31/14 09:45

Matrix: Solid

Date Received: 02/01/14 09:40

Percent Solids: 83.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			145761	02/03/14 11:31	RAG	TAL TAM
Total/NA	Analysis	6010B		1	145759	02/03/14 15:55	RAG	TAL TAM
Total/NA	Analysis	Moisture		1	145770	02/03/14 13:56	AJG	TAL TAM

Client Sample ID: SB-15 (0-0.5)

Lab Sample ID: 640-46663-15

Date Collected: 01/31/14 10:12

Matrix: Solid

Date Received: 02/01/14 09:40

Percent Solids: 85.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			145761	02/03/14 11:31	RAG	TAL TAM
Total/NA	Analysis	6010B		1	145759	02/03/14 16:05	RAG	TAL TAM
Total/NA	Analysis	Moisture		1	145770	02/03/14 14:14	AJG	TAL TAM

Lab Chronicle

Client: SCS ES Consultants
Project/Site: Various COM Parks

TestAmerica Job ID: 640-46663-1

Client Sample ID: SB-15 (0.5-2)

Lab Sample ID: 640-46663-16

Date Collected: 01/31/14 10:15
Matrix: Solid
Date Received: 02/01/14 09:40
Percent Solids: 82.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			145761	02/03/14 11:31	RAG	TAL TAM
Total/NA	Analysis	6010B		4	145759	02/03/14 18:24	RAG	TAL TAM
Total/NA	Analysis	Moisture		1	145770	02/03/14 14:15	AJG	TAL TAM

Client Sample ID: SB-16 (0-0.5)

Lab Sample ID: 640-46663-17

Date Collected: 01/31/14 09:50
Matrix: Solid
Date Received: 02/01/14 09:40
Percent Solids: 86.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			145761	02/03/14 11:31	RAG	TAL TAM
Total/NA	Analysis	6010B		1	145759	02/03/14 16:13	RAG	TAL TAM
Total/NA	Analysis	Moisture		1	145785	02/04/14 05:33	AJG	TAL TAM

Client Sample ID: SB-16 (0.5-2)

Lab Sample ID: 640-46663-18

Date Collected: 01/31/14 09:53
Matrix: Solid
Date Received: 02/01/14 09:40
Percent Solids: 90.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			145761	02/03/14 11:31	RAG	TAL TAM
Total/NA	Analysis	6010B		1	145759	02/03/14 16:16	RAG	TAL TAM
Total/NA	Analysis	Moisture		1	145785	02/04/14 05:41	AJG	TAL TAM

Client Sample ID: SB-17 (0-0.5)

Lab Sample ID: 640-46663-19

Date Collected: 01/31/14 09:56
Matrix: Solid
Date Received: 02/01/14 09:40
Percent Solids: 85.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			145761	02/03/14 11:31	RAG	TAL TAM
Total/NA	Analysis	6010B		1	145759	02/03/14 16:20	RAG	TAL TAM
Total/NA	Analysis	Moisture		1	145785	02/04/14 05:42	AJG	TAL TAM

Client Sample ID: SB-17 (0.5-2)

Lab Sample ID: 640-46663-20

Date Collected: 01/31/14 10:00
Matrix: Solid
Date Received: 02/01/14 09:40
Percent Solids: 85.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			145761	02/03/14 11:31	RAG	TAL TAM
Total/NA	Analysis	6010B		1	145759	02/03/14 16:23	RAG	TAL TAM
Total/NA	Analysis	Moisture		1	145785	02/04/14 05:50	AJG	TAL TAM

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: SCS ES Consultants
Project/Site: Various COM Parks

TestAmerica Job ID: 640-46663-1

Laboratory: TestAmerica Tallahassee

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E81005	06-30-14
Georgia	State Program	4		06-30-14
Louisiana	NELAP	6	30663	06-30-14
New Jersey	NELAP	2	FL012	06-30-14
Texas	NELAP	6	T104704459-11-2	03-31-14
USDA	Federal		P330-08-00158	08-05-14

Laboratory: TestAmerica Tampa

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alabama	State Program	4	40610	06-30-14
Florida	NELAP	4	E84282	06-30-14
Georgia	State Program	4	905	06-30-14
USDA	Federal		P330-11-00177	04-20-14

Method Summary

Client: SCS ES Consultants
Project/Site: Various COM Parks

TestAmerica Job ID: 640-46663-1

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL TAM
Moisture	Percent Moisture	EPA	TAL TAM

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Sample Summary

Client: SCS ES Consultants
Project/Site: Various COM Parks

TestAmerica Job ID: 640-46663-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
640-46663-1	SB-8 (0-0.5)	Solid	01/31/14 09:11	02/01/14 09:40
640-46663-2	SB-8 (0.5-2)	Solid	01/31/14 09:14	02/01/14 09:40
640-46663-3	SB-9 (0-0.5)	Solid	01/31/14 09:20	02/01/14 09:40
640-46663-4	SB-9 (0.5-2)	Solid	01/31/14 09:25	02/01/14 09:40
640-46663-5	SB-10 (0-0.5)	Solid	01/31/14 09:27	02/01/14 09:40
640-46663-6	SB-10 (0.5-2)	Solid	01/31/14 09:30	02/01/14 09:40
640-46663-7	SB-11 (0-0.5)	Solid	01/31/14 09:36	02/01/14 09:40
640-46663-8	SB-11 (0.5-2)	Solid	01/31/14 09:40	02/01/14 09:40
640-46663-9	SB-12 (0-0.5)	Solid	01/31/14 10:30	02/01/14 09:40
640-46663-10	SB-12 (0.5-2)	Solid	01/31/14 10:35	02/01/14 09:40
640-46663-11	SB-13 (0-0.5)	Solid	01/31/14 10:20	02/01/14 09:40
640-46663-12	SB-13 (0.5-2)	Solid	01/31/14 10:23	02/01/14 09:40
640-46663-13	SB-14 (0-0.5)	Solid	01/31/14 09:43	02/01/14 09:40
640-46663-14	SB-14 (0.5-2)	Solid	01/31/14 09:45	02/01/14 09:40
640-46663-15	SB-15 (0-0.5)	Solid	01/31/14 10:12	02/01/14 09:40
640-46663-16	SB-15 (0.5-2)	Solid	01/31/14 10:15	02/01/14 09:40
640-46663-17	SB-16 (0-0.5)	Solid	01/31/14 09:50	02/01/14 09:40
640-46663-18	SB-16 (0.5-2)	Solid	01/31/14 09:53	02/01/14 09:40
640-46663-19	SB-17 (0-0.5)	Solid	01/31/14 09:56	02/01/14 09:40
640-46663-20	SB-17 (0.5-2)	Solid	01/31/14 10:00	02/01/14 09:40

640-46663

Serial Number 82109

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Website: www.testamericainc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

Alternate Laboratory Name/Location

Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
Curtis Park	09213010.20	FL
TAL (LAB) PROJECT MANAGER	P.O. NUMBER	CONTRACT NO.
Amy Marks		
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
Maria Pages	(305) 412 8185	
CLIENT NAME	CLIENT E-MAIL	
SCS ES Consultants	mpages@scsengineers.com	
CLIENT ADDRESS		
7700 N. Kendall Drive #300 Miami, FL		
COMPANY CONTRACTING THIS WORK (if applicable)		

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	NUMBER OF CONTAINERS SUBMITTED	REMARKS
31-Jan-14	9:11	SB-8 (0-0.5)						X H H H	Metals (1)
31-Jan-14	9:14	SB-8 (0.5-2)						X H H H	Rush 24 hours
	9:20	SB-9 (0-0.5)						X H H H	
	9:25	SB-9 (0.5-2)						X H H H	
	9:27	SB-10 (0-0.5)						X H H H	
	9:30	SB-10 (0.5-2)						X H H H	
	9:36	SB-11 (0-0.5)						X H H H	
	9:40	SB-11 (0.5-2)						X H H H	
	10:30	SB-12 (0-0.5)						X H H H	
	10:35	SB-12 (0.5-2)						X H H H	
	10:20	SB-13 (0-0.5)						X H H H	
	10:23	SB-13 (0.5-2)						X H H H	

REQUIRED ANALYSIS

Metals (1)	Sb, As, Ba, Cr, Pb	PAH (Standard)	Dioxins	PCBs
PRESERVATIVE				

PAGE OF

STANDARD REPORT DELIVERY ◯
DATE DUE

EXPEDITED REPORT DELIVERY (SURCHARGE) ◯
DATE DUE

NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

640-46663 Chain of Custody

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
	1/31/2014	15:00		1/31/14	1500			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
				1/31/14	1500			

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SAVANNAH LOG NO.	LABORATORY REMARKS
	2/1/14	0940	YES ◯ NO ◯			0.9°C

TAL8240-680 (1008)

2/4/2014

640-466663

Serial Number 82110

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

○ TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Website: www.testamericainc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

○ Alternate Laboratory Name/Location

Phone:
Fax:

640-466663

2/4/2014

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
Curtis Park	09213010.20	FL
TAL (LAB) PROJECT MANAGER	P.O. NUMBER	CONTRACT NO.
Amy Marks		
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
Maria Pages	(305) 412-8185	
CLIENT NAME	CLIENT E-MAIL	
SCS ES Consultants	mpages@scsengineers.com	
CLIENT ADDRESS		
7700 N Kendall #300 Miami, FL		
COMPANY CONTRACTING THIS WORK (if applicable)		

MATRIX TYPE: COMPOSITE (C) OR GRAB (G) INDICATE; AQUEOUS (WATER); SOLID OR SEMISOLID; AIR; NONAQUEOUS LIQUID (OIL, SOLVENT, ...)

REQUIRED ANALYSIS: Metals (1) Sb, As, Ba, Cu, Pb; PAH (Standard); Dioxins; PCB

PRESERVATIVE

NUMBER OF CONTAINERS SUBMITTED

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	Solid										REMARKS
31-Jan-14	9:43	SB-14 (0-0.5)	X		1	1	1						Metal (1)
	9:45	SB-14 (0.5-2)	X		1	1	1						rush 24 hours
	10:12	SB-15 (0-0.5)	X		1	1	1						
	10:15	SB-15 (0.5-2)	X		1	1	1						
	9:50	SB-16 (0-0.5)	X		1	1	1						
	9:53	SB-16 (0.5-2)	X		1	1	1						
	9:56	SB-17 (0-0.5)	X		1	1	1						
	10:00	SB-17 (0.5-2)	X		1	1	1						

PAGE Page 40 of 40 OF

STANDARD REPORT DELIVERY ○

DATE DUE

EXPEDITED REPORT DELIVERY (SURCHARGE) ○

DATE DUE

NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
[signature]	1/31/2014	15:00		1/31/14	1500			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
			[signature]	1/31/14	1500			

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SAVANNAH LOG NO.	LABORATORY REMARKS
[signature]	2/1/14	0940	YES ○ NO ○			0.9°C

TAL8240-680

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tallahassee
2846 Industrial Plaza Drive
Tallahassee, FL 32301
Tel: (850)878-3994

TestAmerica Job ID: 640-46663-2
Client Project/Site: Various COM Parks
Revision: 1

For:
SCS ES Consultants
7700 N. Kendall Drive, Suite 300
Miami, Florida 33156

Attn: Mr. Bob Speed

Authorized for release by:
2/17/2014 12:22:23 PM

Amy Marks, Project Manager II
(850)878-3994
amy.marks@testamericainc.com

Table of Contents

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

Metals

Qualifier	Qualifier Description
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
U	Indicates that the compound was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client: SCS ES Consultants
Project/Site: Various COM Parks

TestAmerica Job ID: 640-46663-2

Job ID: 640-46663-2

Laboratory: TestAmerica Tallahassee

Narrative

Job Narrative
640-46663-2

Comments
Per client request made on 2/14/2014, the attached report has been revised to include results for Cadmium instead of Calcium.

Results included in the attached report were activated by the client on 2/7/2014. All other results are reported under TestAmerica job 640-46663-1.

Receipt
The samples were received on 2/1/2014 at 9:40 AM. The samples arrived in good condition, properly preserved, and on ice. The temperature of the cooler at receipt was 0.9º C.

GC/MS Semi VOA
No analytical or quality issues were noted.

Metals
No analytical or quality issues were noted.

Detection Summary

Client: SCS ES Consultants
Project/Site: Various COM Parks

TestAmerica Job ID: 640-46663-2

Client Sample ID: SB-8 (0.5-2) — Lab Sample ID: 640-46663-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	0.0042	I	0.0083	0.0025	mg/Kg	1	☼	8270D LL	Total/NA
Anthracene	0.0057	I	0.0083	0.0025	mg/Kg	1	☼	8270D LL	Total/NA
Benzo[a]anthracene	0.014		0.0083	0.0025	mg/Kg	1	☼	8270D LL	Total/NA
Benzo[a]pyrene	0.016		0.0083	0.0025	mg/Kg	1	☼	8270D LL	Total/NA
Benzo[b]fluoranthene	0.036		0.0083	0.0025	mg/Kg	1	☼	8270D LL	Total/NA
Benzo[g,h,i]perylene	0.011		0.0083	0.0025	mg/Kg	1	☼	8270D LL	Total/NA
Benzo[k]fluoranthene	0.012		0.0083	0.0025	mg/Kg	1	☼	8270D LL	Total/NA
Chrysene	0.020		0.0083	0.0025	mg/Kg	1	☼	8270D LL	Total/NA
Fluoranthene	0.033		0.0083	0.0016	mg/Kg	1	☼	8270D LL	Total/NA
Fluorene	0.0021	I	0.0083	0.0016	mg/Kg	1	☼	8270D LL	Total/NA
Indeno[1,2,3-cd]pyrene	0.010		0.0083	0.0025	mg/Kg	1	☼	8270D LL	Total/NA
Naphthalene	0.0060	I	0.0083	0.0016	mg/Kg	1	☼	8270D LL	Total/NA
Phenanthrene	0.018		0.0083	0.0025	mg/Kg	1	☼	8270D LL	Total/NA
Pyrene	0.022		0.0083	0.0016	mg/Kg	1	☼	8270D LL	Total/NA

Client Sample ID: SB-9 (0-0.5) — Lab Sample ID: 640-46663-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	0.0037	I	0.0090	0.0027	mg/Kg	1	☼	8270D LL	Total/NA
Anthracene	0.013		0.0090	0.0027	mg/Kg	1	☼	8270D LL	Total/NA
Benzo[a]anthracene	0.054		0.0090	0.0027	mg/Kg	1	☼	8270D LL	Total/NA
Benzo[a]pyrene	0.060		0.0090	0.0027	mg/Kg	1	☼	8270D LL	Total/NA
Benzo[b]fluoranthene	0.11		0.0090	0.0027	mg/Kg	1	☼	8270D LL	Total/NA
Benzo[g,h,i]perylene	0.022		0.0090	0.0027	mg/Kg	1	☼	8270D LL	Total/NA
Benzo[k]fluoranthene	0.036		0.0090	0.0027	mg/Kg	1	☼	8270D LL	Total/NA
Chrysene	0.063		0.0090	0.0027	mg/Kg	1	☼	8270D LL	Total/NA
Dibenz(a,h)anthracene	0.0075	I	0.0090	0.0027	mg/Kg	1	☼	8270D LL	Total/NA
Fluoranthene	0.13		0.0090	0.0017	mg/Kg	1	☼	8270D LL	Total/NA
Fluorene	0.0046	I	0.0090	0.0017	mg/Kg	1	☼	8270D LL	Total/NA
Indeno[1,2,3-cd]pyrene	0.027		0.0090	0.0027	mg/Kg	1	☼	8270D LL	Total/NA
Naphthalene	0.0031	I	0.0090	0.0017	mg/Kg	1	☼	8270D LL	Total/NA
Phenanthrene	0.055		0.0090	0.0027	mg/Kg	1	☼	8270D LL	Total/NA
Pyrene	0.077		0.0090	0.0017	mg/Kg	1	☼	8270D LL	Total/NA
Aluminum	3200		54	16	mg/Kg	2	☼	6010B	Total/NA
Cadmium	2.4		1.3	0.23	mg/Kg	2	☼	6010B	Total/NA
Chromium	44		2.7	0.46	mg/Kg	2	☼	6010B	Total/NA
Iron	34000		13	8.1	mg/Kg	2	☼	6010B	Total/NA
Mercury	0.14		0.040	0.016	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB-9 (0.5-2) — Lab Sample ID: 640-46663-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.0066	I	0.0075	0.0023	mg/Kg	1	☼	8270D LL	Total/NA
Benzo[a]pyrene	0.0079		0.0075	0.0023	mg/Kg	1	☼	8270D LL	Total/NA
Benzo[b]fluoranthene	0.016		0.0075	0.0023	mg/Kg	1	☼	8270D LL	Total/NA
Benzo[g,h,i]perylene	0.0031	I	0.0075	0.0023	mg/Kg	1	☼	8270D LL	Total/NA
Benzo[k]fluoranthene	0.0043	I	0.0075	0.0023	mg/Kg	1	☼	8270D LL	Total/NA
Chrysene	0.0079		0.0075	0.0023	mg/Kg	1	☼	8270D LL	Total/NA
Fluoranthene	0.011		0.0075	0.0015	mg/Kg	1	☼	8270D LL	Total/NA
Indeno[1,2,3-cd]pyrene	0.0046	I	0.0075	0.0023	mg/Kg	1	☼	8270D LL	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-9 (0.5-2) (Continued) — Lab Sample ID: 640-46663-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Phenanthrene	0.0053	I	0.0075	0.0023	mg/Kg	1	☼	8270D LL	Total/NA
Pyrene	0.0073	I	0.0075	0.0015	mg/Kg	1	☼	8270D LL	Total/NA

Client Sample ID: SB-11 (0.5-2) — Lab Sample ID: 640-46663-8

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.0061	I	0.0081	0.0024	mg/Kg	1	☼	8270D LL	Total/NA
Benzo[a]pyrene	0.011		0.0081	0.0024	mg/Kg	1	☼	8270D LL	Total/NA
Benzo[b]fluoranthene	0.023		0.0081	0.0024	mg/Kg	1	☼	8270D LL	Total/NA
Benzo[g,h,i]perylene	0.0069	I	0.0081	0.0024	mg/Kg	1	☼	8270D LL	Total/NA
Benzo[k]fluoranthene	0.0068	I	0.0081	0.0024	mg/Kg	1	☼	8270D LL	Total/NA
Chrysene	0.011		0.0081	0.0024	mg/Kg	1	☼	8270D LL	Total/NA
Fluoranthene	0.016		0.0081	0.0016	mg/Kg	1	☼	8270D LL	Total/NA
Indeno[1,2,3-cd]pyrene	0.0075	I	0.0081	0.0024	mg/Kg	1	☼	8270D LL	Total/NA
Phenanthrene	0.0057	I	0.0081	0.0024	mg/Kg	1	☼	8270D LL	Total/NA
Pyrene	0.010		0.0081	0.0016	mg/Kg	1	☼	8270D LL	Total/NA

Client Sample ID: SB-12 (0-0.5) — Lab Sample ID: 640-46663-9

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	0.0055	I	0.0099	0.0030	mg/Kg	1	☼	8270D LL	Total/NA
Benzo[a]anthracene	0.022		0.0099	0.0030	mg/Kg	1	☼	8270D LL	Total/NA
Benzo[a]pyrene	0.031		0.0099	0.0030	mg/Kg	1	☼	8270D LL	Total/NA
Benzo[b]fluoranthene	0.069		0.0099	0.0030	mg/Kg	1	☼	8270D LL	Total/NA
Benzo[g,h,i]perylene	0.017		0.0099	0.0030	mg/Kg	1	☼	8270D LL	Total/NA
Benzo[k]fluoranthene	0.019		0.0099	0.0030	mg/Kg	1	☼	8270D LL	Total/NA
Chrysene	0.034		0.0099	0.0030	mg/Kg	1	☼	8270D LL	Total/NA
Fluoranthene	0.054		0.0099	0.0019	mg/Kg	1	☼	8270D LL	Total/NA
Naphthalene	0.0042	I	0.0099	0.0019	mg/Kg	1	☼	8270D LL	Total/NA
Phenanthrene	0.014		0.0099	0.0030	mg/Kg	1	☼	8270D LL	Total/NA
Pyrene	0.036		0.0099	0.0019	mg/Kg	1	☼	8270D LL	Total/NA
Aluminum	3800		59	17	mg/Kg	2	☼	6010B	Total/NA
Cadmium	2.2		1.5	0.26	mg/Kg	2	☼	6010B	Total/NA
Chromium	37		3.0	0.50	mg/Kg	2	☼	6010B	Total/NA
Iron	21000		15	8.9	mg/Kg	2	☼	6010B	Total/NA
Mercury	0.12		0.040	0.016	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB-12 (0.5-2) — Lab Sample ID: 640-46663-10

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.0025	I	0.0078	0.0023	mg/Kg	1	☼	8270D LL	Total/NA
Benzo[a]pyrene	0.0029	I	0.0078	0.0023	mg/Kg	1	☼	8270D LL	Total/NA
Benzo[b]fluoranthene	0.010		0.0078	0.0023	mg/Kg	1	☼	8270D LL	Total/NA
Chrysene	0.0084		0.0078	0.0023	mg/Kg	1	☼	8270D LL	Total/NA
Fluoranthene	0.0065	I	0.0078	0.0015	mg/Kg	1	☼	8270D LL	Total/NA
Naphthalene	0.0066	I	0.0078	0.0015	mg/Kg	1	☼	8270D LL	Total/NA
Phenanthrene	0.0092		0.0078	0.0023	mg/Kg	1	☼	8270D LL	Total/NA
Pyrene	0.0034	I	0.0078	0.0015	mg/Kg	1	☼	8270D LL	Total/NA

Client Sample ID: SB-13 (0.5-2) — Lab Sample ID: 640-46663-12

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-13 (0.5-2) (Continued) — Lab Sample ID: 640-46663-12

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.0028	I	0.0078	0.0023	mg/Kg	1	☼	8270D LL	Total/NA
Benzo[a]pyrene	0.0038	I	0.0078	0.0023	mg/Kg	1	☼	8270D LL	Total/NA
Benzo[b]fluoranthene	0.010		0.0078	0.0023	mg/Kg	1	☼	8270D LL	Total/NA
Benzo[g,h,i]perylene	0.0029	I	0.0078	0.0023	mg/Kg	1	☼	8270D LL	Total/NA
Benzo[k]fluoranthene	0.0024	I	0.0078	0.0023	mg/Kg	1	☼	8270D LL	Total/NA
Chrysene	0.0058	I	0.0078	0.0023	mg/Kg	1	☼	8270D LL	Total/NA
Fluoranthene	0.0069	I	0.0078	0.0015	mg/Kg	1	☼	8270D LL	Total/NA
Indeno[1,2,3-cd]pyrene	0.0037	I	0.0078	0.0023	mg/Kg	1	☼	8270D LL	Total/NA
Phenanthrene	0.0066	I	0.0078	0.0023	mg/Kg	1	☼	8270D LL	Total/NA
Pyrene	0.0037	I	0.0078	0.0015	mg/Kg	1	☼	8270D LL	Total/NA

Client Sample ID: SB-15 (0-0.5) — Lab Sample ID: 640-46663-15

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.0051	I	0.0078	0.0023	mg/Kg	1	☼	8270D LL	Total/NA
Benzo[b]fluoranthene	0.016		0.0078	0.0023	mg/Kg	1	☼	8270D LL	Total/NA
Benzo[g,h,i]perylene	0.0076	I	0.0078	0.0023	mg/Kg	1	☼	8270D LL	Total/NA
Benzo[k]fluoranthene	0.0051	I	0.0078	0.0023	mg/Kg	1	☼	8270D LL	Total/NA
Chrysene	0.0083		0.0078	0.0023	mg/Kg	1	☼	8270D LL	Total/NA
Fluoranthene	0.010		0.0078	0.0015	mg/Kg	1	☼	8270D LL	Total/NA
Phenanthrene	0.0053	I	0.0078	0.0023	mg/Kg	1	☼	8270D LL	Total/NA
Pyrene	0.0090		0.0078	0.0015	mg/Kg	1	☼	8270D LL	Total/NA
Aluminum	2200		48	14	mg/Kg	2	☼	6010B	Total/NA
Cadmium	0.51	I	1.2	0.21	mg/Kg	2	☼	6010B	Total/NA
Chromium	12		2.4	0.41	mg/Kg	2	☼	6010B	Total/NA
Iron	4300		12	7.2	mg/Kg	2	☼	6010B	Total/NA
Mercury	0.042		0.035	0.014	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB-15 (0.5-2) — Lab Sample ID: 640-46663-16

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.0024	I	0.0082	0.0024	mg/Kg	1	☼	8270D LL	Total/NA
Benzo[b]fluoranthene	0.012		0.0082	0.0024	mg/Kg	1	☼	8270D LL	Total/NA
Benzo[g,h,i]perylene	0.0029	I	0.0082	0.0024	mg/Kg	1	☼	8270D LL	Total/NA
Benzo[k]fluoranthene	0.0026	I	0.0082	0.0024	mg/Kg	1	☼	8270D LL	Total/NA
Chrysene	0.0071	I	0.0082	0.0024	mg/Kg	1	☼	8270D LL	Total/NA
Fluoranthene	0.0075	I	0.0082	0.0016	mg/Kg	1	☼	8270D LL	Total/NA
Naphthalene	0.0057	I	0.0082	0.0016	mg/Kg	1	☼	8270D LL	Total/NA
Phenanthrene	0.0079	I	0.0082	0.0024	mg/Kg	1	☼	8270D LL	Total/NA
Pyrene	0.0036	I	0.0082	0.0016	mg/Kg	1	☼	8270D LL	Total/NA

Client Sample ID: SB-16 (0.5-2) — Lab Sample ID: 640-46663-18

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.0051	I	0.0074	0.0022	mg/Kg	1	☼	8270D LL	Total/NA
Benzo[a]pyrene	0.0083		0.0074	0.0022	mg/Kg	1	☼	8270D LL	Total/NA
Benzo[b]fluoranthene	0.017		0.0074	0.0022	mg/Kg	1	☼	8270D LL	Total/NA
Benzo[g,h,i]perylene	0.0053	I	0.0074	0.0022	mg/Kg	1	☼	8270D LL	Total/NA
Benzo[k]fluoranthene	0.0059	I	0.0074	0.0022	mg/Kg	1	☼	8270D LL	Total/NA
Chrysene	0.0079		0.0074	0.0022	mg/Kg	1	☼	8270D LL	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-16 (0.5-2) (Continued)

Lab Sample ID: 640-46663-18

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoranthene	0.012		0.0074	0.0014	mg/Kg	1	☼	8270D LL	Total/NA
Indeno[1,2,3-cd]pyrene	0.0054	I	0.0074	0.0022	mg/Kg	1	☼	8270D LL	Total/NA
Phenanthrene	0.0040	I	0.0074	0.0022	mg/Kg	1	☼	8270D LL	Total/NA
Pyrene	0.0081		0.0074	0.0014	mg/Kg	1	☼	8270D LL	Total/NA

This Detection Summary does not include radiochemical test results.

Client: SCS ES Consultants
Project/Site: Various COM Parks

TestAmerica Job ID: 640-46663-2

Client Sample ID: SB-8 (0.5-2)
Date Collected: 01/31/14 09:14
Date Received: 02/01/14 09:40

Lab Sample ID: 640-46663-2
Matrix: Solid
Percent Solids: 81.5

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.0025	U	0.0083	0.0025	mg/Kg	☼	02/10/14 14:54	02/12/14 10:42	1
Acenaphthylene	**0.0042**	**I**	0.0083	0.0025	mg/Kg	☼	02/10/14 14:54	02/12/14 10:42	1
Anthracene	**0.0057**	**I**	0.0083	0.0025	mg/Kg	☼	02/10/14 14:54	02/12/14 10:42	1
Benzo[a]anthracene	**0.014**		0.0083	0.0025	mg/Kg	☼	02/10/14 14:54	02/12/14 10:42	1
Benzo[a]pyrene	**0.016**		0.0083	0.0025	mg/Kg	☼	02/10/14 14:54	02/12/14 10:42	1
Benzo[b]fluoranthene	**0.036**		0.0083	0.0025	mg/Kg	☼	02/10/14 14:54	02/12/14 10:42	1
Benzo[g,h,i]perylene	**0.011**		0.0083	0.0025	mg/Kg	☼	02/10/14 14:54	02/12/14 10:42	1
Benzo[k]fluoranthene	**0.012**		0.0083	0.0025	mg/Kg	☼	02/10/14 14:54	02/12/14 10:42	1
Chrysene	**0.020**		0.0083	0.0025	mg/Kg	☼	02/10/14 14:54	02/12/14 10:42	1
Dibenz(a,h)anthracene	0.0025	U	0.0083	0.0025	mg/Kg	☼	02/10/14 14:54	02/12/14 10:42	1
Fluoranthene	**0.033**		0.0083	0.0016	mg/Kg	☼	02/10/14 14:54	02/12/14 10:42	1
Fluorene	**0.0021**	**I**	0.0083	0.0016	mg/Kg	☼	02/10/14 14:54	02/12/14 10:42	1
Indeno[1,2,3-cd]pyrene	**0.010**		0.0083	0.0025	mg/Kg	☼	02/10/14 14:54	02/12/14 10:42	1
1-Methylnaphthalene	0.0016	U	0.0083	0.0016	mg/Kg	☼	02/10/14 14:54	02/12/14 10:42	1
2-Methylnaphthalene	0.0016	U	0.0083	0.0016	mg/Kg	☼	02/10/14 14:54	02/12/14 10:42	1
Naphthalene	**0.0060**	**I**	0.0083	0.0016	mg/Kg	☼	02/10/14 14:54	02/12/14 10:42	1
Phenanthrene	**0.018**		0.0083	0.0025	mg/Kg	☼	02/10/14 14:54	02/12/14 10:42	1
Pyrene	**0.022**		0.0083	0.0016	mg/Kg	☼	02/10/14 14:54	02/12/14 10:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*59*		*48 - 105*	*02/10/14 14:54*	*02/12/14 10:42*	*1*

Client: SCS ES Consultants
Project/Site: Various COM Parks

TestAmerica Job ID: 640-46663-2

Client Sample ID: SB-9 (0-0.5)
Date Collected: 01/31/14 09:20
Date Received: 02/01/14 09:40

Lab Sample ID: 640-46663-3
Matrix: Solid
Percent Solids: 72.1

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.0037	I	0.0090	0.0027	mg/Kg	☼	02/10/14 14:54	02/12/14 11:02	1
Acenaphthylene	0.0027	U	0.0090	0.0027	mg/Kg	☼	02/10/14 14:54	02/12/14 11:02	1
Anthracene	0.013		0.0090	0.0027	mg/Kg	☼	02/10/14 14:54	02/12/14 11:02	1
Benzo[a]anthracene	0.054		0.0090	0.0027	mg/Kg	☼	02/10/14 14:54	02/12/14 11:02	1
Benzo[a]pyrene	0.060		0.0090	0.0027	mg/Kg	☼	02/10/14 14:54	02/12/14 11:02	1
Benzo[b]fluoranthene	0.11		0.0090	0.0027	mg/Kg	☼	02/10/14 14:54	02/12/14 11:02	1
Benzo[g,h,i]perylene	0.022		0.0090	0.0027	mg/Kg	☼	02/10/14 14:54	02/12/14 11:02	1
Benzo[k]fluoranthene	0.036		0.0090	0.0027	mg/Kg	☼	02/10/14 14:54	02/12/14 11:02	1
Chrysene	0.063		0.0090	0.0027	mg/Kg	☼	02/10/14 14:54	02/12/14 11:02	1
Dibenz(a,h)anthracene	0.0075	I	0.0090	0.0027	mg/Kg	☼	02/10/14 14:54	02/12/14 11:02	1
Fluoranthene	0.13		0.0090	0.0017	mg/Kg	☼	02/10/14 14:54	02/12/14 11:02	1
Fluorene	0.0046	I	0.0090	0.0017	mg/Kg	☼	02/10/14 14:54	02/12/14 11:02	1
Indeno[1,2,3-cd]pyrene	0.027		0.0090	0.0027	mg/Kg	☼	02/10/14 14:54	02/12/14 11:02	1
1-Methylnaphthalene	0.0017	U	0.0090	0.0017	mg/Kg	☼	02/10/14 14:54	02/12/14 11:02	1
2-Methylnaphthalene	0.0017	U	0.0090	0.0017	mg/Kg	☼	02/10/14 14:54	02/12/14 11:02	1
Naphthalene	0.0031	I	0.0090	0.0017	mg/Kg	☼	02/10/14 14:54	02/12/14 11:02	1
Phenanthrene	0.055		0.0090	0.0027	mg/Kg	☼	02/10/14 14:54	02/12/14 11:02	1
Pyrene	0.077		0.0090	0.0017	mg/Kg	☼	02/10/14 14:54	02/12/14 11:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*61*		*48 - 105*	*02/10/14 14:54*	*02/12/14 11:02*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3200		54	16	mg/Kg	☼	02/11/14 08:00	02/11/14 17:38	2
Cadmium	2.4		1.3	0.23	mg/Kg	☼	02/11/14 08:00	02/11/14 17:38	2
Chromium	44		2.7	0.46	mg/Kg	☼	02/11/14 08:00	02/11/14 17:38	2
Iron	34000		13	8.1	mg/Kg	☼	02/11/14 08:00	02/11/14 17:38	2

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.14		0.040	0.016	mg/Kg	☼	02/12/14 11:15	02/12/14 14:15	1

Client: SCS ES Consultants
Project/Site: Various COM Parks

TestAmerica Job ID: 640-46663-2

Client Sample ID: SB-9 (0.5-2)
Date Collected: 01/31/14 09:25
Date Received: 02/01/14 09:40

Lab Sample ID: 640-46663-4
Matrix: Solid
Percent Solids: 86.4

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.0023	U	0.0075	0.0023	mg/Kg	☼	02/10/14 14:54	02/12/14 11:22	1
Acenaphthylene	0.0023	U	0.0075	0.0023	mg/Kg	☼	02/10/14 14:54	02/12/14 11:22	1
Anthracene	0.0023	U	0.0075	0.0023	mg/Kg	☼	02/10/14 14:54	02/12/14 11:22	1
Benzo[a]anthracene	**0.0066**	**I**	0.0075	0.0023	mg/Kg	☼	02/10/14 14:54	02/12/14 11:22	1
Benzo[a]pyrene	**0.0079**		0.0075	0.0023	mg/Kg	☼	02/10/14 14:54	02/12/14 11:22	1
Benzo[b]fluoranthene	**0.016**		0.0075	0.0023	mg/Kg	☼	02/10/14 14:54	02/12/14 11:22	1
Benzo[g,h,i]perylene	**0.0031**	**I**	0.0075	0.0023	mg/Kg	☼	02/10/14 14:54	02/12/14 11:22	1
Benzo[k]fluoranthene	**0.0043**	**I**	0.0075	0.0023	mg/Kg	☼	02/10/14 14:54	02/12/14 11:22	1
Chrysene	**0.0079**		0.0075	0.0023	mg/Kg	☼	02/10/14 14:54	02/12/14 11:22	1
Dibenz(a,h)anthracene	0.0023	U	0.0075	0.0023	mg/Kg	☼	02/10/14 14:54	02/12/14 11:22	1
Fluoranthene	**0.011**		0.0075	0.0015	mg/Kg	☼	02/10/14 14:54	02/12/14 11:22	1
Fluorene	0.0015	U	0.0075	0.0015	mg/Kg	☼	02/10/14 14:54	02/12/14 11:22	1
Indeno[1,2,3-cd]pyrene	**0.0046**	**I**	0.0075	0.0023	mg/Kg	☼	02/10/14 14:54	02/12/14 11:22	1
1-Methylnaphthalene	0.0015	U	0.0075	0.0015	mg/Kg	☼	02/10/14 14:54	02/12/14 11:22	1
2-Methylnaphthalene	0.0015	U	0.0075	0.0015	mg/Kg	☼	02/10/14 14:54	02/12/14 11:22	1
Naphthalene	0.0015	U	0.0075	0.0015	mg/Kg	☼	02/10/14 14:54	02/12/14 11:22	1
Phenanthrene	**0.0053**	**I**	0.0075	0.0023	mg/Kg	☼	02/10/14 14:54	02/12/14 11:22	1
Pyrene	**0.0073**	**I**	0.0075	0.0015	mg/Kg	☼	02/10/14 14:54	02/12/14 11:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*62*		*48 - 105*	*02/10/14 14:54*	*02/12/14 11:22*	*1*

Client: SCS ES Consultants
Project/Site: Various COM Parks

TestAmerica Job ID: 640-46663-2

Client Sample ID: SB-11 (0.5-2)
Date Collected: 01/31/14 09:40
Date Received: 02/01/14 09:40

Lab Sample ID: 640-46663-8
Matrix: Solid
Percent Solids: 81.3

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.0024	U	0.0081	0.0024	mg/Kg	☼	02/10/14 14:54	02/12/14 11:42	1
Acenaphthylene	0.0024	U	0.0081	0.0024	mg/Kg	☼	02/10/14 14:54	02/12/14 11:42	1
Anthracene	0.0024	U	0.0081	0.0024	mg/Kg	☼	02/10/14 14:54	02/12/14 11:42	1
Benzo[a]anthracene	**0.0061**	**I**	0.0081	0.0024	mg/Kg	☼	02/10/14 14:54	02/12/14 11:42	1
Benzo[a]pyrene	**0.011**		0.0081	0.0024	mg/Kg	☼	02/10/14 14:54	02/12/14 11:42	1
Benzo[b]fluoranthene	**0.023**		0.0081	0.0024	mg/Kg	☼	02/10/14 14:54	02/12/14 11:42	1
Benzo[g,h,i]perylene	**0.0069**	**I**	0.0081	0.0024	mg/Kg	☼	02/10/14 14:54	02/12/14 11:42	1
Benzo[k]fluoranthene	**0.0068**	**I**	0.0081	0.0024	mg/Kg	☼	02/10/14 14:54	02/12/14 11:42	1
Chrysene	**0.011**		0.0081	0.0024	mg/Kg	☼	02/10/14 14:54	02/12/14 11:42	1
Dibenz(a,h)anthracene	0.0024	U	0.0081	0.0024	mg/Kg	☼	02/10/14 14:54	02/12/14 11:42	1
Fluoranthene	**0.016**		0.0081	0.0016	mg/Kg	☼	02/10/14 14:54	02/12/14 11:42	1
Fluorene	0.0016	U	0.0081	0.0016	mg/Kg	☼	02/10/14 14:54	02/12/14 11:42	1
Indeno[1,2,3-cd]pyrene	**0.0075**	**I**	0.0081	0.0024	mg/Kg	☼	02/10/14 14:54	02/12/14 11:42	1
1-Methylnaphthalene	0.0016	U	0.0081	0.0016	mg/Kg	☼	02/10/14 14:54	02/12/14 11:42	1
2-Methylnaphthalene	0.0016	U	0.0081	0.0016	mg/Kg	☼	02/10/14 14:54	02/12/14 11:42	1
Naphthalene	0.0016	U	0.0081	0.0016	mg/Kg	☼	02/10/14 14:54	02/12/14 11:42	1
Phenanthrene	**0.0057**	**I**	0.0081	0.0024	mg/Kg	☼	02/10/14 14:54	02/12/14 11:42	1
Pyrene	**0.010**		0.0081	0.0016	mg/Kg	☼	02/10/14 14:54	02/12/14 11:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*66*		*48 - 105*	*02/10/14 14:54*	*02/12/14 11:42*	*1*

Client: SCS ES Consultants
Project/Site: Various COM Parks

TestAmerica Job ID: 640-46663-2

Client Sample ID: SB-12 (0-0.5)
Date Collected: 01/31/14 10:30
Date Received: 02/01/14 09:40

Lab Sample ID: 640-46663-9
Matrix: Solid
Percent Solids: 69.6

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.0030	U	0.0099	0.0030	mg/Kg	☼	02/10/14 14:54	02/12/14 12:02	1
Acenaphthylene	0.0030	U	0.0099	0.0030	mg/Kg	☼	02/10/14 14:54	02/12/14 12:02	1
Anthracene	**0.0055**	**I**	0.0099	0.0030	mg/Kg	☼	02/10/14 14:54	02/12/14 12:02	1
Benzo[a]anthracene	**0.022**		0.0099	0.0030	mg/Kg	☼	02/10/14 14:54	02/12/14 12:02	1
Benzo[a]pyrene	**0.031**		0.0099	0.0030	mg/Kg	☼	02/10/14 14:54	02/12/14 12:02	1
Benzo[b]fluoranthene	**0.069**		0.0099	0.0030	mg/Kg	☼	02/10/14 14:54	02/12/14 12:02	1
Benzo[g,h,i]perylene	**0.017**		0.0099	0.0030	mg/Kg	☼	02/10/14 14:54	02/12/14 12:02	1
Benzo[k]fluoranthene	**0.019**		0.0099	0.0030	mg/Kg	☼	02/10/14 14:54	02/12/14 12:02	1
Chrysene	**0.034**		0.0099	0.0030	mg/Kg	☼	02/10/14 14:54	02/12/14 12:02	1
Dibenz(a,h)anthracene	0.0030	U	0.0099	0.0030	mg/Kg	☼	02/10/14 14:54	02/12/14 12:02	1
Fluoranthene	**0.054**		0.0099	0.0019	mg/Kg	☼	02/10/14 14:54	02/12/14 12:02	1
Fluorene	0.0019	U	0.0099	0.0019	mg/Kg	☼	02/10/14 14:54	02/12/14 12:02	1
Indeno[1,2,3-cd]pyrene	0.0030	U	0.0099	0.0030	mg/Kg	☼	02/10/14 14:54	02/12/14 12:02	1
1-Methylnaphthalene	0.0019	U	0.0099	0.0019	mg/Kg	☼	02/10/14 14:54	02/12/14 12:02	1
2-Methylnaphthalene	0.0019	U	0.0099	0.0019	mg/Kg	☼	02/10/14 14:54	02/12/14 12:02	1
Naphthalene	**0.0042**	**I**	0.0099	0.0019	mg/Kg	☼	02/10/14 14:54	02/12/14 12:02	1
Phenanthrene	**0.014**		0.0099	0.0030	mg/Kg	☼	02/10/14 14:54	02/12/14 12:02	1
Pyrene	**0.036**		0.0099	0.0019	mg/Kg	☼	02/10/14 14:54	02/12/14 12:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*60*		*48 - 105*	*02/10/14 14:54*	*02/12/14 12:02*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**3800**		59	17	mg/Kg	☼	02/11/14 08:00	02/11/14 17:48	2
Cadmium	**2.2**		1.5	0.26	mg/Kg	☼	02/11/14 08:00	02/11/14 17:48	2
Chromium	**37**		3.0	0.50	mg/Kg	☼	02/11/14 08:00	02/11/14 17:48	2
Iron	**21000**		15	8.9	mg/Kg	☼	02/11/14 08:00	02/11/14 17:48	2

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.12**		0.040	0.016	mg/Kg	☼	02/12/14 11:15	02/12/14 14:20	1

Client: SCS ES Consultants
Project/Site: Various COM Parks

TestAmerica Job ID: 640-46663-2

Client Sample ID: SB-12 (0.5-2)
Date Collected: 01/31/14 10:35
Date Received: 02/01/14 09:40

Lab Sample ID: 640-46663-10
Matrix: Solid
Percent Solids: 84.1

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.0023	U	0.0078	0.0023	mg/Kg	☼	02/10/14 14:54	02/12/14 12:22	1
Acenaphthylene	0.0023	U	0.0078	0.0023	mg/Kg	☼	02/10/14 14:54	02/12/14 12:22	1
Anthracene	0.0023	U	0.0078	0.0023	mg/Kg	☼	02/10/14 14:54	02/12/14 12:22	1
Benzo[a]anthracene	**0.0025**	**I**	0.0078	0.0023	mg/Kg	☼	02/10/14 14:54	02/12/14 12:22	1
Benzo[a]pyrene	**0.0029**	**I**	0.0078	0.0023	mg/Kg	☼	02/10/14 14:54	02/12/14 12:22	1
Benzo[b]fluoranthene	**0.010**		0.0078	0.0023	mg/Kg	☼	02/10/14 14:54	02/12/14 12:22	1
Benzo[g,h,i]perylene	0.0023	U	0.0078	0.0023	mg/Kg	☼	02/10/14 14:54	02/12/14 12:22	1
Benzo[k]fluoranthene	0.0023	U	0.0078	0.0023	mg/Kg	☼	02/10/14 14:54	02/12/14 12:22	1
Chrysene	**0.0084**		0.0078	0.0023	mg/Kg	☼	02/10/14 14:54	02/12/14 12:22	1
Dibenz(a,h)anthracene	0.0023	U	0.0078	0.0023	mg/Kg	☼	02/10/14 14:54	02/12/14 12:22	1
Fluoranthene	**0.0065**	**I**	0.0078	0.0015	mg/Kg	☼	02/10/14 14:54	02/12/14 12:22	1
Fluorene	0.0015	U	0.0078	0.0015	mg/Kg	☼	02/10/14 14:54	02/12/14 12:22	1
Indeno[1,2,3-cd]pyrene	0.0023	U	0.0078	0.0023	mg/Kg	☼	02/10/14 14:54	02/12/14 12:22	1
1-Methylnaphthalene	0.0015	U	0.0078	0.0015	mg/Kg	☼	02/10/14 14:54	02/12/14 12:22	1
2-Methylnaphthalene	0.0015	U	0.0078	0.0015	mg/Kg	☼	02/10/14 14:54	02/12/14 12:22	1
Naphthalene	**0.0066**	**I**	0.0078	0.0015	mg/Kg	☼	02/10/14 14:54	02/12/14 12:22	1
Phenanthrene	**0.0092**		0.0078	0.0023	mg/Kg	☼	02/10/14 14:54	02/12/14 12:22	1
Pyrene	**0.0034**	**I**	0.0078	0.0015	mg/Kg	☼	02/10/14 14:54	02/12/14 12:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*59*		*48 - 105*	*02/10/14 14:54*	*02/12/14 12:22*	*1*

Client: SCS ES Consultants
Project/Site: Various COM Parks

TestAmerica Job ID: 640-46663-2

Client Sample ID: SB-13 (0.5-2)
Date Collected: 01/31/14 10:23
Date Received: 02/01/14 09:40

Lab Sample ID: 640-46663-12
Matrix: Solid
Percent Solids: 86.0

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.0023	U	0.0078	0.0023	mg/Kg	☼	02/10/14 14:54	02/12/14 12:42	1
Acenaphthylene	0.0023	U	0.0078	0.0023	mg/Kg	☼	02/10/14 14:54	02/12/14 12:42	1
Anthracene	0.0023	U	0.0078	0.0023	mg/Kg	☼	02/10/14 14:54	02/12/14 12:42	1
Benzo[a]anthracene	**0.0028**	**I**	0.0078	0.0023	mg/Kg	☼	02/10/14 14:54	02/12/14 12:42	1
Benzo[a]pyrene	**0.0038**	**I**	0.0078	0.0023	mg/Kg	☼	02/10/14 14:54	02/12/14 12:42	1
Benzo[b]fluoranthene	**0.010**		0.0078	0.0023	mg/Kg	☼	02/10/14 14:54	02/12/14 12:42	1
Benzo[g,h,i]perylene	**0.0029**	**I**	0.0078	0.0023	mg/Kg	☼	02/10/14 14:54	02/12/14 12:42	1
Benzo[k]fluoranthene	**0.0024**	**I**	0.0078	0.0023	mg/Kg	☼	02/10/14 14:54	02/12/14 12:42	1
Chrysene	**0.0058**	**I**	0.0078	0.0023	mg/Kg	☼	02/10/14 14:54	02/12/14 12:42	1
Dibenz(a,h)anthracene	0.0023	U	0.0078	0.0023	mg/Kg	☼	02/10/14 14:54	02/12/14 12:42	1
Fluoranthene	**0.0069**	**I**	0.0078	0.0015	mg/Kg	☼	02/10/14 14:54	02/12/14 12:42	1
Fluorene	0.0015	U	0.0078	0.0015	mg/Kg	☼	02/10/14 14:54	02/12/14 12:42	1
Indeno[1,2,3-cd]pyrene	**0.0037**	**I**	0.0078	0.0023	mg/Kg	☼	02/10/14 14:54	02/12/14 12:42	1
1-Methylnaphthalene	0.0015	U	0.0078	0.0015	mg/Kg	☼	02/10/14 14:54	02/12/14 12:42	1
2-Methylnaphthalene	0.0015	U	0.0078	0.0015	mg/Kg	☼	02/10/14 14:54	02/12/14 12:42	1
Naphthalene	0.0015	U	0.0078	0.0015	mg/Kg	☼	02/10/14 14:54	02/12/14 12:42	1
Phenanthrene	**0.0066**	**I**	0.0078	0.0023	mg/Kg	☼	02/10/14 14:54	02/12/14 12:42	1
Pyrene	**0.0037**	**I**	0.0078	0.0015	mg/Kg	☼	02/10/14 14:54	02/12/14 12:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*65*		*48 - 105*	*02/10/14 14:54*	*02/12/14 12:42*	*1*

Client: SCS ES Consultants
Project/Site: Various COM Parks

TestAmerica Job ID: 640-46663-2

Client Sample ID: SB-15 (0-0.5)
Date Collected: 01/31/14 10:12
Date Received: 02/01/14 09:40

Lab Sample ID: 640-46663-15
Matrix: Solid
Percent Solids: 85.4

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.0023	U	0.0078	0.0023	mg/Kg	☼	02/10/14 14:54	02/12/14 13:02	1
Acenaphthylene	0.0023	U	0.0078	0.0023	mg/Kg	☼	02/10/14 14:54	02/12/14 13:02	1
Anthracene	0.0023	U	0.0078	0.0023	mg/Kg	☼	02/10/14 14:54	02/12/14 13:02	1
Benzo[a]anthracene	**0.0051**	**I**	0.0078	0.0023	mg/Kg	☼	02/10/14 14:54	02/12/14 13:02	1
Benzo[a]pyrene	0.0023	U	0.0078	0.0023	mg/Kg	☼	02/10/14 14:54	02/12/14 13:02	1
Benzo[b]fluoranthene	**0.016**		0.0078	0.0023	mg/Kg	☼	02/10/14 14:54	02/12/14 13:02	1
Benzo[g,h,i]perylene	**0.0076**	**I**	0.0078	0.0023	mg/Kg	☼	02/10/14 14:54	02/12/14 13:02	1
Benzo[k]fluoranthene	**0.0051**	**I**	0.0078	0.0023	mg/Kg	☼	02/10/14 14:54	02/12/14 13:02	1
Chrysene	**0.0083**		0.0078	0.0023	mg/Kg	☼	02/10/14 14:54	02/12/14 13:02	1
Dibenz(a,h)anthracene	0.0023	U	0.0078	0.0023	mg/Kg	☼	02/10/14 14:54	02/12/14 13:02	1
Fluoranthene	**0.010**		0.0078	0.0015	mg/Kg	☼	02/10/14 14:54	02/12/14 13:02	1
Fluorene	0.0015	U	0.0078	0.0015	mg/Kg	☼	02/10/14 14:54	02/12/14 13:02	1
Indeno[1,2,3-cd]pyrene	0.0023	U	0.0078	0.0023	mg/Kg	☼	02/10/14 14:54	02/12/14 13:02	1
1-Methylnaphthalene	0.0015	U	0.0078	0.0015	mg/Kg	☼	02/10/14 14:54	02/12/14 13:02	1
2-Methylnaphthalene	0.0015	U	0.0078	0.0015	mg/Kg	☼	02/10/14 14:54	02/12/14 13:02	1
Naphthalene	0.0015	U	0.0078	0.0015	mg/Kg	☼	02/10/14 14:54	02/12/14 13:02	1
Phenanthrene	**0.0053**	**I**	0.0078	0.0023	mg/Kg	☼	02/10/14 14:54	02/12/14 13:02	1
Pyrene	**0.0090**		0.0078	0.0015	mg/Kg	☼	02/10/14 14:54	02/12/14 13:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*69*		*48 - 105*	*02/10/14 14:54*	*02/12/14 13:02*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**2200**		48	14	mg/Kg	☼	02/11/14 08:00	02/11/14 17:51	2
Cadmium	**0.51**	**I**	1.2	0.21	mg/Kg	☼	02/11/14 08:00	02/11/14 17:51	2
Chromium	**12**		2.4	0.41	mg/Kg	☼	02/11/14 08:00	02/11/14 17:51	2
Iron	**4300**		12	7.2	mg/Kg	☼	02/11/14 08:00	02/11/14 17:51	2

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.042**		0.035	0.014	mg/Kg	☼	02/12/14 11:15	02/12/14 14:22	1

Client: SCS ES Consultants
Project/Site: Various COM Parks

TestAmerica Job ID: 640-46663-2

Client Sample ID: SB-15 (0.5-2)
Date Collected: 01/31/14 10:15
Date Received: 02/01/14 09:40

Lab Sample ID: 640-46663-16
Matrix: Solid
Percent Solids: 82.2

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.0024	U	0.0082	0.0024	mg/Kg	☼	02/10/14 14:54	02/12/14 13:22	1
Acenaphthylene	0.0024	U	0.0082	0.0024	mg/Kg	☼	02/10/14 14:54	02/12/14 13:22	1
Anthracene	0.0024	U	0.0082	0.0024	mg/Kg	☼	02/10/14 14:54	02/12/14 13:22	1
Benzo[a]anthracene	**0.0024**	**I**	0.0082	0.0024	mg/Kg	☼	02/10/14 14:54	02/12/14 13:22	1
Benzo[a]pyrene	0.0024	U	0.0082	0.0024	mg/Kg	☼	02/10/14 14:54	02/12/14 13:22	1
Benzo[b]fluoranthene	**0.012**		0.0082	0.0024	mg/Kg	☼	02/10/14 14:54	02/12/14 13:22	1
Benzo[g,h,i]perylene	**0.0029**	**I**	0.0082	0.0024	mg/Kg	☼	02/10/14 14:54	02/12/14 13:22	1
Benzo[k]fluoranthene	**0.0026**	**I**	0.0082	0.0024	mg/Kg	☼	02/10/14 14:54	02/12/14 13:22	1
Chrysene	**0.0071**	**I**	0.0082	0.0024	mg/Kg	☼	02/10/14 14:54	02/12/14 13:22	1
Dibenz(a,h)anthracene	0.0024	U	0.0082	0.0024	mg/Kg	☼	02/10/14 14:54	02/12/14 13:22	1
Fluoranthene	**0.0075**	**I**	0.0082	0.0016	mg/Kg	☼	02/10/14 14:54	02/12/14 13:22	1
Fluorene	0.0016	U	0.0082	0.0016	mg/Kg	☼	02/10/14 14:54	02/12/14 13:22	1
Indeno[1,2,3-cd]pyrene	0.0024	U	0.0082	0.0024	mg/Kg	☼	02/10/14 14:54	02/12/14 13:22	1
1-Methylnaphthalene	0.0016	U	0.0082	0.0016	mg/Kg	☼	02/10/14 14:54	02/12/14 13:22	1
2-Methylnaphthalene	0.0016	U	0.0082	0.0016	mg/Kg	☼	02/10/14 14:54	02/12/14 13:22	1
Naphthalene	**0.0057**	**I**	0.0082	0.0016	mg/Kg	☼	02/10/14 14:54	02/12/14 13:22	1
Phenanthrene	**0.0079**	**I**	0.0082	0.0024	mg/Kg	☼	02/10/14 14:54	02/12/14 13:22	1
Pyrene	**0.0036**	**I**	0.0082	0.0016	mg/Kg	☼	02/10/14 14:54	02/12/14 13:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*64*		*48 - 105*	*02/10/14 14:54*	*02/12/14 13:22*	*1*

Client: SCS ES Consultants
Project/Site: Various COM Parks

TestAmerica Job ID: 640-46663-2

Client Sample ID: SB-16 (0.5-2)
Date Collected: 01/31/14 09:53
Date Received: 02/01/14 09:40

Lab Sample ID: 640-46663-18
Matrix: Solid
Percent Solids: 90.7

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.0022	U	0.0074	0.0022	mg/Kg	☼	02/10/14 14:54	02/12/14 13:42	1
Acenaphthylene	0.0022	U	0.0074	0.0022	mg/Kg	☼	02/10/14 14:54	02/12/14 13:42	1
Anthracene	0.0022	U	0.0074	0.0022	mg/Kg	☼	02/10/14 14:54	02/12/14 13:42	1
Benzo[a]anthracene	**0.0051**	**I**	0.0074	0.0022	mg/Kg	☼	02/10/14 14:54	02/12/14 13:42	1
Benzo[a]pyrene	**0.0083**		0.0074	0.0022	mg/Kg	☼	02/10/14 14:54	02/12/14 13:42	1
Benzo[b]fluoranthene	**0.017**		0.0074	0.0022	mg/Kg	☼	02/10/14 14:54	02/12/14 13:42	1
Benzo[g,h,i]perylene	**0.0053**	**I**	0.0074	0.0022	mg/Kg	☼	02/10/14 14:54	02/12/14 13:42	1
Benzo[k]fluoranthene	**0.0059**	**I**	0.0074	0.0022	mg/Kg	☼	02/10/14 14:54	02/12/14 13:42	1
Chrysene	**0.0079**		0.0074	0.0022	mg/Kg	☼	02/10/14 14:54	02/12/14 13:42	1
Dibenz(a,h)anthracene	0.0022	U	0.0074	0.0022	mg/Kg	☼	02/10/14 14:54	02/12/14 13:42	1
Fluoranthene	**0.012**		0.0074	0.0014	mg/Kg	☼	02/10/14 14:54	02/12/14 13:42	1
Fluorene	0.0014	U	0.0074	0.0014	mg/Kg	☼	02/10/14 14:54	02/12/14 13:42	1
Indeno[1,2,3-cd]pyrene	**0.0054**	**I**	0.0074	0.0022	mg/Kg	☼	02/10/14 14:54	02/12/14 13:42	1
1-Methylnaphthalene	0.0014	U	0.0074	0.0014	mg/Kg	☼	02/10/14 14:54	02/12/14 13:42	1
2-Methylnaphthalene	0.0014	U	0.0074	0.0014	mg/Kg	☼	02/10/14 14:54	02/12/14 13:42	1
Naphthalene	0.0014	U	0.0074	0.0014	mg/Kg	☼	02/10/14 14:54	02/12/14 13:42	1
Phenanthrene	**0.0040**	**I**	0.0074	0.0022	mg/Kg	☼	02/10/14 14:54	02/12/14 13:42	1
Pyrene	**0.0081**		0.0074	0.0014	mg/Kg	☼	02/10/14 14:54	02/12/14 13:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*66*		*48 - 105*	*02/10/14 14:54*	*02/12/14 13:42*	*1*

Surrogate Summary

Client: SCS ES Consultants
Project/Site: Various COM Parks

TestAmerica Job ID: 640-46663-2

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)						
Lab Sample ID	Client Sample ID	OTPH (48-105)						
640-46663-2	SB-8 (0.5-2)	59						
640-46663-3	SB-9 (0-0.5)	61						
640-46663-4	SB-9 (0.5-2)	62						
640-46663-8	SB-11 (0.5-2)	66						
640-46663-9	SB-12 (0-0.5)	60						
640-46663-10	SB-12 (0.5-2)	59						
640-46663-12	SB-13 (0.5-2)	65						
640-46663-15	SB-15 (0-0.5)	69						
640-46663-16	SB-15 (0.5-2)	64						
640-46663-18	SB-16 (0.5-2)	66						
LCS 640-107551/2-A	Lab Control Sample	60						
LCSD 640-107551/3-A	Lab Control Sample Dup	66						
MB 640-107551/1-A	Method Blank	64						

Surrogate Legend

OTPH = o-Terphenyl (Surr)

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Lab Sample ID: MB 640-107551/1-A
Matrix: Solid
Analysis Batch: 107594

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 107551

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.0019	U	0.0065	0.0019	mg/Kg		02/10/14 14:54	02/12/14 07:41	1
Acenaphthylene	0.0019	U	0.0065	0.0019	mg/Kg		02/10/14 14:54	02/12/14 07:41	1
Anthracene	0.0019	U	0.0065	0.0019	mg/Kg		02/10/14 14:54	02/12/14 07:41	1
Benzo[a]anthracene	0.0019	U	0.0065	0.0019	mg/Kg		02/10/14 14:54	02/12/14 07:41	1
Benzo[a]pyrene	0.0019	U	0.0065	0.0019	mg/Kg		02/10/14 14:54	02/12/14 07:41	1
Benzo[b]fluoranthene	0.0019	U	0.0065	0.0019	mg/Kg		02/10/14 14:54	02/12/14 07:41	1
Benzo[g,h,i]perylene	0.0019	U	0.0065	0.0019	mg/Kg		02/10/14 14:54	02/12/14 07:41	1
Benzo[k]fluoranthene	0.0019	U	0.0065	0.0019	mg/Kg		02/10/14 14:54	02/12/14 07:41	1
Chrysene	0.0019	U	0.0065	0.0019	mg/Kg		02/10/14 14:54	02/12/14 07:41	1
Dibenz(a,h)anthracene	0.0019	U	0.0065	0.0019	mg/Kg		02/10/14 14:54	02/12/14 07:41	1
Fluoranthene	0.0013	U	0.0065	0.0013	mg/Kg		02/10/14 14:54	02/12/14 07:41	1
Fluorene	0.0013	U	0.0065	0.0013	mg/Kg		02/10/14 14:54	02/12/14 07:41	1
Indeno[1,2,3-cd]pyrene	0.0019	U	0.0065	0.0019	mg/Kg		02/10/14 14:54	02/12/14 07:41	1
1-Methylnaphthalene	0.0013	U	0.0065	0.0013	mg/Kg		02/10/14 14:54	02/12/14 07:41	1
2-Methylnaphthalene	0.0013	U	0.0065	0.0013	mg/Kg		02/10/14 14:54	02/12/14 07:41	1
Naphthalene	0.0013	U	0.0065	0.0013	mg/Kg		02/10/14 14:54	02/12/14 07:41	1
Phenanthrene	0.0019	U	0.0065	0.0019	mg/Kg		02/10/14 14:54	02/12/14 07:41	1
Pyrene	0.0013	U	0.0065	0.0013	mg/Kg		02/10/14 14:54	02/12/14 07:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*64*		*48 - 105*	*02/10/14 14:54*	*02/12/14 07:41*	*1*

Lab Sample ID: LCS 640-107551/2-A
Matrix: Solid
Analysis Batch: 107594

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 107551

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	0.262	0.157		mg/Kg		60	42 - 107
Acenaphthylene	0.262	0.162		mg/Kg		62	41 - 108
Anthracene	0.262	0.172		mg/Kg		66	52 - 107
Benzo[a]anthracene	0.262	0.182		mg/Kg		70	64 - 115
Benzo[a]pyrene	0.262	0.190		mg/Kg		73	70 - 116
Benzo[b]fluoranthene	0.262	0.183		mg/Kg		70	60 - 117
Benzo[g,h,i]perylene	0.262	0.204		mg/Kg		78	40 - 137
Benzo[k]fluoranthene	0.262	0.178		mg/Kg		68	63 - 117
Chrysene	0.262	0.181		mg/Kg		69	63 - 114
Dibenz(a,h)anthracene	0.262	0.203		mg/Kg		78	48 - 130
Fluoranthene	0.262	0.177		mg/Kg		68	61 - 112
Fluorene	0.262	0.169		mg/Kg		64	45 - 106
Indeno[1,2,3-cd]pyrene	0.262	0.201		mg/Kg		77	44 - 128
1-Methylnaphthalene	0.262	0.162		mg/Kg		62	46 - 100
2-Methylnaphthalene	0.262	0.169		mg/Kg		65	46 - 104
Naphthalene	0.262	0.160		mg/Kg		61	44 - 100
Phenanthrene	0.262	0.159		mg/Kg		61	51 - 106
Pyrene	0.262	0.171		mg/Kg		65	61 - 115

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level (Continued)

Lab Sample ID: LCS 640-107551/2-A
Matrix: Solid
Analysis Batch: 107594

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 107551

Surrogate	LCS %Recovery	LCS Qualifier	Limits
o-Terphenyl (Surr)	*60*		*48 - 105*

Lab Sample ID: LCSD 640-107551/3-A
Matrix: Solid
Analysis Batch: 107594

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 107551

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene			0.262	0.166		mg/Kg		64	42 - 107	5	29
Acenaphthylene			0.262	0.172		mg/Kg		66	41 - 108	6	28
Anthracene			0.262	0.176		mg/Kg		67	52 - 107	2	23
Benzo[a]anthracene			0.262	0.181		mg/Kg		69	64 - 115	0	23
Benzo[a]pyrene			0.262	0.190		mg/Kg		73	70 - 116	0	23
Benzo[b]fluoranthene			0.262	0.182		mg/Kg		70	60 - 117	0	25
Benzo[g,h,i]perylene			0.262	0.203		mg/Kg		78	40 - 137	0	27
Benzo[k]fluoranthene			0.262	0.175		mg/Kg		67	63 - 117	2	25
Chrysene			0.262	0.181		mg/Kg		69	63 - 114	0	24
Dibenz(a,h)anthracene			0.262	0.201		mg/Kg		77	48 - 130	1	27
Fluoranthene			0.262	0.179		mg/Kg		68	61 - 112	1	25
Fluorene			0.262	0.178		mg/Kg		68	45 - 106	5	36
Indeno[1,2,3-cd]pyrene			0.262	0.203		mg/Kg		77	44 - 128	1	26
1-Methylnaphthalene			0.262	0.173		mg/Kg		66	46 - 100	7	33
2-Methylnaphthalene			0.262	0.178		mg/Kg		68	46 - 104	5	33
Naphthalene			0.262	0.172		mg/Kg		66	44 - 100	7	33
Phenanthrene			0.262	0.167		mg/Kg		64	51 - 106	5	27
Pyrene			0.262	0.176		mg/Kg		67	61 - 115	3	24

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
o-Terphenyl (Surr)	*66*		*48 - 105*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 660-146023/1-A
Matrix: Solid
Analysis Batch: 146030

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 146023

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5.8	U	20	5.8	mg/Kg		02/11/14 08:00	02/11/14 16:07	1
Cadmium	0.087	U	0.50	0.087	mg/Kg		02/11/14 08:00	02/11/14 16:07	1
Chromium	0.17	U	1.0	0.17	mg/Kg		02/11/14 08:00	02/11/14 16:07	1
Iron	3.0	U	5.0	3.0	mg/Kg		02/11/14 08:00	02/11/14 16:07	1

Lab Sample ID: LCS 660-146023/2-A
Matrix: Solid
Analysis Batch: 146030

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 146023

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Aluminum			50.0	49.4		mg/Kg		99	75 - 125		
Cadmium			50.0	51.6		mg/Kg		103	75 - 125		

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 660-146023/2-A
Matrix: Solid
Analysis Batch: 146030

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 146023

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium	50.0	55.5		mg/Kg		111	75 - 125
Iron	50.0	50.5		mg/Kg		101	75 - 125

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 660-146097/13-A
Matrix: Solid
Analysis Batch: 146103

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 146097

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.012	U	0.030	0.012	mg/Kg		02/12/14 11:15	02/12/14 14:10	1

Lab Sample ID: LCS 660-146097/14-A
Matrix: Solid
Analysis Batch: 146103

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 146097

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.167	0.163		mg/Kg		98	80 - 120

Lab Sample ID: 640-46663-3 MS
Matrix: Solid
Analysis Batch: 146103

Client Sample ID: SB-9 (0-0.5)
Prep Type: Total/NA
Prep Batch: 146097

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.14		0.231	0.363		mg/Kg	☼	95	80 - 120

Lab Sample ID: 640-46663-3 MSD
Matrix: Solid
Analysis Batch: 146103

Client Sample ID: SB-9 (0-0.5)
Prep Type: Total/NA
Prep Batch: 146097

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.14		0.231	0.370		mg/Kg	☼	98	80 - 120	2	20

GC/MS Semi VOA

Prep Batch: 107551

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46663-2	SB-8 (0.5-2)	Total/NA	Solid	3546	
640-46663-3	SB-9 (0-0.5)	Total/NA	Solid	3546	
640-46663-4	SB-9 (0.5-2)	Total/NA	Solid	3546	
640-46663-8	SB-11 (0.5-2)	Total/NA	Solid	3546	
640-46663-9	SB-12 (0-0.5)	Total/NA	Solid	3546	
640-46663-10	SB-12 (0.5-2)	Total/NA	Solid	3546	
640-46663-12	SB-13 (0.5-2)	Total/NA	Solid	3546	
640-46663-15	SB-15 (0-0.5)	Total/NA	Solid	3546	
640-46663-16	SB-15 (0.5-2)	Total/NA	Solid	3546	
640-46663-18	SB-16 (0.5-2)	Total/NA	Solid	3546	
LCS 640-107551/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 640-107551/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
MB 640-107551/1-A	Method Blank	Total/NA	Solid	3546	

Analysis Batch: 107594

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46663-2	SB-8 (0.5-2)	Total/NA	Solid	8270D LL	107551
640-46663-3	SB-9 (0-0.5)	Total/NA	Solid	8270D LL	107551
640-46663-4	SB-9 (0.5-2)	Total/NA	Solid	8270D LL	107551
640-46663-8	SB-11 (0.5-2)	Total/NA	Solid	8270D LL	107551
640-46663-9	SB-12 (0-0.5)	Total/NA	Solid	8270D LL	107551
640-46663-10	SB-12 (0.5-2)	Total/NA	Solid	8270D LL	107551
640-46663-12	SB-13 (0.5-2)	Total/NA	Solid	8270D LL	107551
640-46663-15	SB-15 (0-0.5)	Total/NA	Solid	8270D LL	107551
640-46663-16	SB-15 (0.5-2)	Total/NA	Solid	8270D LL	107551
640-46663-18	SB-16 (0.5-2)	Total/NA	Solid	8270D LL	107551
LCS 640-107551/2-A	Lab Control Sample	Total/NA	Solid	8270D LL	107551
LCSD 640-107551/3-A	Lab Control Sample Dup	Total/NA	Solid	8270D LL	107551
MB 640-107551/1-A	Method Blank	Total/NA	Solid	8270D LL	107551

Metals

Prep Batch: 146023

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46663-3	SB-9 (0-0.5)	Total/NA	Solid	3050B	
640-46663-9	SB-12 (0-0.5)	Total/NA	Solid	3050B	
640-46663-15	SB-15 (0-0.5)	Total/NA	Solid	3050B	
LCS 660-146023/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 660-146023/1-A	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 146030

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46663-3	SB-9 (0-0.5)	Total/NA	Solid	6010B	146023
640-46663-9	SB-12 (0-0.5)	Total/NA	Solid	6010B	146023
640-46663-15	SB-15 (0-0.5)	Total/NA	Solid	6010B	146023
LCS 660-146023/2-A	Lab Control Sample	Total/NA	Solid	6010B	146023
MB 660-146023/1-A	Method Blank	Total/NA	Solid	6010B	146023

Metals (Continued)

Prep Batch: 146097

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46663-3	SB-9 (0-0.5)	Total/NA	Solid	7471A	
640-46663-3 MS	SB-9 (0-0.5)	Total/NA	Solid	7471A	
640-46663-3 MSD	SB-9 (0-0.5)	Total/NA	Solid	7471A	
640-46663-9	SB-12 (0-0.5)	Total/NA	Solid	7471A	
640-46663-15	SB-15 (0-0.5)	Total/NA	Solid	7471A	
LCS 660-146097/14-A	Lab Control Sample	Total/NA	Solid	7471A	
MB 660-146097/13-A	Method Blank	Total/NA	Solid	7471A	

Analysis Batch: 146103

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46663-3	SB-9 (0-0.5)	Total/NA	Solid	7471A	146097
640-46663-3 MS	SB-9 (0-0.5)	Total/NA	Solid	7471A	146097
640-46663-3 MSD	SB-9 (0-0.5)	Total/NA	Solid	7471A	146097
640-46663-9	SB-12 (0-0.5)	Total/NA	Solid	7471A	146097
640-46663-15	SB-15 (0-0.5)	Total/NA	Solid	7471A	146097
LCS 660-146097/14-A	Lab Control Sample	Total/NA	Solid	7471A	146097
MB 660-146097/13-A	Method Blank	Total/NA	Solid	7471A	146097

Lab Chronicle

Client: SCS ES Consultants
Project/Site: Various COM Parks

TestAmerica Job ID: 640-46663-2

Client Sample ID: SB-8 (0.5-2)

Lab Sample ID: 640-46663-2
Date Collected: 01/31/14 09:14
Matrix: Solid
Date Received: 02/01/14 09:40
Percent Solids: 81.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			107551	02/10/14 14:54	QMC	TAL TAL
Total/NA	Analysis	8270D LL		1	107594	02/12/14 10:42	JMF	TAL TAL

Client Sample ID: SB-9 (0-0.5)

Lab Sample ID: 640-46663-3
Date Collected: 01/31/14 09:20
Matrix: Solid
Date Received: 02/01/14 09:40
Percent Solids: 72.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			107551	02/10/14 14:54	QMC	TAL TAL
Total/NA	Analysis	8270D LL		1	107594	02/12/14 11:02	JMF	TAL TAL
Total/NA	Prep	3050B			146023	02/11/14 08:00	GAF	TAL TAM
Total/NA	Analysis	6010B		2	146030	02/11/14 17:38	GAF	TAL TAM
Total/NA	Prep	7471A			146097	02/12/14 11:15	RAG	TAL TAM
Total/NA	Analysis	7471A		1	146103	02/12/14 14:15	RAG	TAL TAM

Client Sample ID: SB-9 (0.5-2)

Lab Sample ID: 640-46663-4
Date Collected: 01/31/14 09:25
Matrix: Solid
Date Received: 02/01/14 09:40
Percent Solids: 86.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			107551	02/10/14 14:54	QMC	TAL TAL
Total/NA	Analysis	8270D LL		1	107594	02/12/14 11:22	JMF	TAL TAL

Client Sample ID: SB-11 (0.5-2)

Lab Sample ID: 640-46663-8
Date Collected: 01/31/14 09:40
Matrix: Solid
Date Received: 02/01/14 09:40
Percent Solids: 81.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			107551	02/10/14 14:54	QMC	TAL TAL
Total/NA	Analysis	8270D LL		1	107594	02/12/14 11:42	JMF	TAL TAL

Client Sample ID: SB-12 (0-0.5)

Lab Sample ID: 640-46663-9
Date Collected: 01/31/14 10:30
Matrix: Solid
Date Received: 02/01/14 09:40
Percent Solids: 69.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			107551	02/10/14 14:54	QMC	TAL TAL
Total/NA	Analysis	8270D LL		1	107594	02/12/14 12:02	JMF	TAL TAL
Total/NA	Prep	3050B			146023	02/11/14 08:00	GAF	TAL TAM
Total/NA	Analysis	6010B		2	146030	02/11/14 17:48	GAF	TAL TAM
Total/NA	Prep	7471A			146097	02/12/14 11:15	RAG	TAL TAM
Total/NA	Analysis	7471A		1	146103	02/12/14 14:20	RAG	TAL TAM

Lab Chronicle

Client: SCS ES Consultants
Project/Site: Various COM Parks

TestAmerica Job ID: 640-46663-2

Client Sample ID: SB-12 (0.5-2)

Date Collected: 01/31/14 10:35
Date Received: 02/01/14 09:40

Lab Sample ID: 640-46663-10
Matrix: Solid
Percent Solids: 84.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			107551	02/10/14 14:54	QMC	TAL TAL
Total/NA	Analysis	8270D LL		1	107594	02/12/14 12:22	JMF	TAL TAL

Client Sample ID: SB-13 (0.5-2)

Date Collected: 01/31/14 10:23
Date Received: 02/01/14 09:40

Lab Sample ID: 640-46663-12
Matrix: Solid
Percent Solids: 86.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			107551	02/10/14 14:54	QMC	TAL TAL
Total/NA	Analysis	8270D LL		1	107594	02/12/14 12:42	JMF	TAL TAL

Client Sample ID: SB-15 (0-0.5)

Date Collected: 01/31/14 10:12
Date Received: 02/01/14 09:40

Lab Sample ID: 640-46663-15
Matrix: Solid
Percent Solids: 85.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			107551	02/10/14 14:54	QMC	TAL TAL
Total/NA	Analysis	8270D LL		1	107594	02/12/14 13:02	JMF	TAL TAL
Total/NA	Prep	3050B			146023	02/11/14 08:00	GAF	TAL TAM
Total/NA	Analysis	6010B		2	146030	02/11/14 17:51	GAF	TAL TAM
Total/NA	Prep	7471A			146097	02/12/14 11:15	RAG	TAL TAM
Total/NA	Analysis	7471A		1	146103	02/12/14 14:22	RAG	TAL TAM

Client Sample ID: SB-15 (0.5-2)

Date Collected: 01/31/14 10:15
Date Received: 02/01/14 09:40

Lab Sample ID: 640-46663-16
Matrix: Solid
Percent Solids: 82.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			107551	02/10/14 14:54	QMC	TAL TAL
Total/NA	Analysis	8270D LL		1	107594	02/12/14 13:22	JMF	TAL TAL

Client Sample ID: SB-16 (0.5-2)

Date Collected: 01/31/14 09:53
Date Received: 02/01/14 09:40

Lab Sample ID: 640-46663-18
Matrix: Solid
Percent Solids: 90.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			107551	02/10/14 14:54	QMC	TAL TAL
Total/NA	Analysis	8270D LL		1	107594	02/12/14 13:42	JMF	TAL TAL

Laboratory References:

TAL TAL = TestAmerica Tallahassee, 2846 Industrial Plaza Drive, Tallahassee, FL 32301, TEL (850)878-3994

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: SCS ES Consultants
Project/Site: Various COM Parks

TestAmerica Job ID: 640-46663-2

Laboratory: TestAmerica Tallahassee

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E81005	06-30-14
Georgia	State Program	4		06-30-14
Louisiana	NELAP	6	30663	06-30-14
New Jersey	NELAP	2	FL012	06-30-14
Texas	NELAP	6	T104704459-11-2	03-31-14
USDA	Federal		P330-08-00158	08-05-14

Laboratory: TestAmerica Tampa

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alabama	State Program	4	40610	06-30-14
Florida	NELAP	4	E84282	06-30-14
Georgia	State Program	4	905	06-30-14
USDA	Federal		P330-11-00177	04-20-14

Method Summary

Client: SCS ES Consultants
Project/Site: Various COM Parks

TestAmerica Job ID: 640-46663-2

Method	Method Description	Protocol	Laboratory
8270D LL	Semivolatile Organic Compounds by GC/MS - Low Level	SW846	TAL TAL
6010B	Metals (ICP)	SW846	TAL TAM
7471A	Mercury (CVAA)	SW846	TAL TAM

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAL = TestAmerica Tallahassee, 2846 Industrial Plaza Drive, Tallahassee, FL 32301, TEL (850)878-3994

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Sample Summary

Client: SCS ES Consultants
Project/Site: Various COM Parks

TestAmerica Job ID: 640-46663-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
640-46663-2	SB-8 (0.5-2)	Solid	01/31/14 09:14	02/01/14 09:40
640-46663-3	SB-9 (0-0.5)	Solid	01/31/14 09:20	02/01/14 09:40
640-46663-4	SB-9 (0.5-2)	Solid	01/31/14 09:25	02/01/14 09:40
640-46663-8	SB-11 (0.5-2)	Solid	01/31/14 09:40	02/01/14 09:40
640-46663-9	SB-12 (0-0.5)	Solid	01/31/14 10:30	02/01/14 09:40
640-46663-10	SB-12 (0.5-2)	Solid	01/31/14 10:35	02/01/14 09:40
640-46663-12	SB-13 (0.5-2)	Solid	01/31/14 10:23	02/01/14 09:40
640-46663-15	SB-15 (0-0.5)	Solid	01/31/14 10:12	02/01/14 09:40
640-46663-16	SB-15 (0.5-2)	Solid	01/31/14 10:15	02/01/14 09:40
640-46663-18	SB-16 (0.5-2)	Solid	01/31/14 09:53	02/01/14 09:40

640 - 46663

Serial Number 82109

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Website: www.testamericainc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

Alternate Laboratory Name/Location

Phone:
Fax:

2/17/2014

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
Curtis Park	09213010.20	FL
TAL (LAB) PROJECT MANAGER	P.O. NUMBER	CONTRACT NO.
Amy Marks		
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
Maria Pages	(305) 412 8185	
CLIENT NAME	CLIENT E-MAIL	
SCS ES Consultants	mpages@scsengineers.com	
CLIENT ADDRESS		
7700 N. Kendall Drive #300 Miami, FL		
COMPANY CONTRACTING THIS WORK (if applicable)		

PAGE Page 30 of 31 OF

STANDARD REPORT DELIVERY ◯

DATE DUE _____

EXPEDITED REPORT DELIVERY (SURCHARGE) ◯

DATE DUE _____

NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	MATRIX: COMPOSITE (C) OR GRAB (G) INDICATE	MATRIX: AQUEOUS (WATER)	MATRIX: SOLID OR SEMISOLID	MATRIX: AIR	MATRIX: NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	REQUIRED ANALYSIS: Metals (1) Sb, As, Ba, Cu, Pb	REQUIRED ANALYSIS: PAH (Standard)	REQUIRED ANALYSIS: Dioxins	REQUIRED ANALYSIS: PCBs	NUMBER OF CONTAINERS SUBMITTED: PRESERVATIVE	REMARKS
31-Jan-14	9:11	SB-8(0-0.5)						X	H	H	H		Metal (1)
31-Jan-14	9:14	SB-8(0.5-2)						X	H	H	H		Rush 24 hours
	9:20	SB-9(0-0.5)						X	H	H	H		
	9:25	SB-9(0.5-2)						X	H	H	H		
	9:27	SB-10(0-0.5)						X	H	H	H		
	9:30	SB-10(0.5-2)						X	H	H	H		
	9:36	SB-11(0-0.5)						X	H	H	H		
	9:40	SB-11(0.5-2)						X	H	H	H		
	10:30	SB-12(0-0.5)						X	H	H	H		
	10:35	SB-12(0.5-2)						X	H	H	H		
	10:20	SB-13(0-0.5)						X	H	H	H		
	10:23	SB-13(0.5-2)						X	H	H	H		

640-46663 Chain of Custody

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
	1/31/2014	15:00		1/31/14	1500			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
				1/31/14	1500			

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SAVANNAH LOG NO.	LABORATORY REMARKS
	2/1/14	0940	YES ◯ NO ◯			0.9°C

TAL8240-680 (1008)

640-466663

Serial Number 82110

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

○ TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Website: www.testamericainc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

○ Alternate Laboratory Name/Location

Phone:
Fax:

640-466663

2/17/2014

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
Curtis Park	09213010.20	FL
TAL (LAB) PROJECT MANAGER	P.O. NUMBER	CONTRACT NO.
Amy Marks		
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
Maria Pages	(305) 412-8185	
CLIENT NAME	CLIENT E-MAIL	
SCS ES Consultants	mpages@scsengineers.com	
CLIENT ADDRESS		
7700 N Kendall #300 Miami, FL		
COMPANY CONTRACTING THIS WORK (if applicable)		

MATRIX TYPE: COMPOSITE (C) OR GRAB (G) INDICATE; AQUEOUS (WATER); SOLID OR SEMISOLID; AIR; NONAQUEOUS LIQUID (OIL, SOLVENT, ...)

REQUIRED ANALYSIS: Metals (1) Sb, As, Ba, Cu, Pb; PAH (Standard); Dioxins; PCB

PRESERVATIVE

NUMBER OF CONTAINERS SUBMITTED

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G)	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	Metals (1)		PAH (Standard)	Dioxins	PCB	REMARKS
31-Jan-14	9:43	SB-14 (0-0.5)			X			X		H	H	H	Metal (1)
	9:45	SB-14 (0.5-2)			X			X		H	H	H	rush 24 hours
	10:12	SB-15 (0-0.5)			X			X		H	H	H	
	10:15	SB-15 (0.5-2)			X			X		H	H	H	
	9:50	SB-16 (0-0.5)			X			X		H	H	H	
	9:53	SB-16 (0.5-2)			X			X		H	H	H	
	9:56	SB-17 (0-0.5)			X			X		H	H	H	
	10:00	SB-17 (0.5-2)			X			X		H	H	H	

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STANDARD REPORT DELIVERY ○

DATE DUE

EXPEDITED REPORT DELIVERY (SURCHARGE) ○

DATE DUE

NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
[signature]	1/31/2014	15:00		1/31/14	1500			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
			[signature]	1/31/14	1500			

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SAVANNAH LOG NO.	LABORATORY REMARKS
[signature]	2/1/14	0940	YES ○ NO ○			0.9°C

TAL8240-680

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tallahassee
2846 Industrial Plaza Drive
Tallahassee, FL 32301
Tel: (850)878-3994

TestAmerica Job ID: 640-46968-1
Client Project/Site: Curtis Park-Area #1 Baseball (Perimeter)

For:
SCS ES Consultants
7700 N. Kendall Drive, Suite 300
Miami, Florida 33156

Attn: Mr. Bob Speed

Authorized for release by:
3/4/2014 1:23:00 PM

Amy Marks, Project Manager II
(850)878-3994
amy.marks@testamericainc.com

Table of Contents

Definitions/Glossary

Client: SCS ES Consultants
Project/Site: Curtis Park-Area #1 Baseball (Perimeter)

TestAmerica Job ID: 640-46968-1

Qualifiers

Metals

Qualifier	Qualifier Description
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
U	Indicates that the compound was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 640-46968-1

Laboratory: TestAmerica Tallahassee

Narrative

Job Narrative
640-46968-1

Comments
No additional comments.

Receipt
The samples were received on 2/26/2014 at 8:40 AM. The samples arrived in good condition, properly preserved, and on ice. The temperatures of the 2 coolers at receipt time were 4.4º C and 4.7º C.

Metals
Method 6010B: The following sample was diluted due to an unspecified interference that caused a high negative result for Silver: SB-18 (0.5-1.5) (640-46968-2). Elevated reporting limits (RLs) are provided for this compound.

Method 6010B: The following samples were diluted due to high levels of Iron in the matrix that caused an interference with target analytes: SB-19 (0.75-2) (640-46968-5), SB-20 (0-0.5) (640-46968-6), SB-20 (0.5-2) (640-46968-7), SB-21 (0.5-2) (640-46968-9), SB-23 (0.5-2) (640-46968-14), SB-24 (0.5-2) (640-46968-16), and SB-26 (1-2) (640-46968-21) . Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: SCS ES Consultants
Project/Site: Curtis Park-Area #1 Baseball (Perimeter)

TestAmerica Job ID: 640-46968-1

Client Sample ID: SB-18 (0-0.5) — Lab Sample ID: 640-46968-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.8		0.74	0.34	mg/Kg	1	☼	6010B	Total/NA
Barium	27		1.5	0.24	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.23	I	0.74	0.13	mg/Kg	1	☼	6010B	Total/NA
Chromium	8.5		1.5	0.25	mg/Kg	1	☼	6010B	Total/NA
Copper	23		2.9	0.74	mg/Kg	1	☼	6010B	Total/NA
Iron	2300		7.4	4.4	mg/Kg	1	☼	6010B	Total/NA
Lead	24		0.74	0.22	mg/Kg	1	☼	6010B	Total/NA
Selenium	0.79	I	1.5	0.54	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.032	I	0.039	0.016	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB-18 (0.5-1.5) — Lab Sample ID: 640-46968-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.71		0.55	0.25	mg/Kg	1	☼	6010B	Total/NA
Barium	7.1		1.1	0.17	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.12	I	0.55	0.095	mg/Kg	1	☼	6010B	Total/NA
Chromium	5.8		1.1	0.19	mg/Kg	1	☼	6010B	Total/NA
Copper	3.2		2.2	0.55	mg/Kg	1	☼	6010B	Total/NA
Iron	750		5.5	3.3	mg/Kg	1	☼	6010B	Total/NA
Lead	7.4		0.55	0.16	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-18 (1.5-2) — Lab Sample ID: 640-46968-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	4.4		2.5	0.62	mg/Kg	1	☼	6010B	Total/NA
Arsenic	5.2		0.62	0.29	mg/Kg	1	☼	6010B	Total/NA
Barium	80		1.2	0.20	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.55	I	0.62	0.11	mg/Kg	1	☼	6010B	Total/NA
Chromium	9.5		1.2	0.21	mg/Kg	1	☼	6010B	Total/NA
Copper	48		2.5	0.62	mg/Kg	1	☼	6010B	Total/NA
Iron	6400		6.2	3.7	mg/Kg	1	☼	6010B	Total/NA
Lead	120		0.62	0.19	mg/Kg	1	☼	6010B	Total/NA
Silver	0.46	I	1.2	0.24	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.028	I	0.034	0.014	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB-19 (0-0.75) — Lab Sample ID: 640-46968-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	3.0		2.3	0.57	mg/Kg	1	☼	6010B	Total/NA
Arsenic	10		0.57	0.26	mg/Kg	1	☼	6010B	Total/NA
Barium	61		1.1	0.18	mg/Kg	1	☼	6010B	Total/NA
Copper	130		2.3	0.57	mg/Kg	1	☼	6010B	Total/NA
Iron	11000		5.7	3.4	mg/Kg	1	☼	6010B	Total/NA
Lead	240		0.57	0.17	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-19 (0.75-2) — Lab Sample ID: 640-46968-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	18		11	2.8	mg/Kg	5	☼	6010B	Total/NA
Arsenic	27		2.8	1.3	mg/Kg	5	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: SCS ES Consultants
Project/Site: Curtis Park-Area #1 Baseball (Perimeter)

TestAmerica Job ID: 640-46968-1

Client Sample ID: SB-19 (0.75-2) (Continued) — Lab Sample ID: 640-46968-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	700		5.6	0.90	mg/Kg	5	☼	6010B	Total/NA
Copper	540		11	2.8	mg/Kg	5	☼	6010B	Total/NA
Iron	89000		28	17	mg/Kg	5	☼	6010B	Total/NA
Lead	1700		2.8	0.84	mg/Kg	5	☼	6010B	Total/NA

Client Sample ID: SB-20 (0-0.5) — Lab Sample ID: 640-46968-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	10	I	13	3.2	mg/Kg	5	☼	6010B	Total/NA
Arsenic	20		3.2	1.5	mg/Kg	5	☼	6010B	Total/NA
Barium	430		6.4	1.0	mg/Kg	5	☼	6010B	Total/NA
Cadmium	3.3		3.2	0.56	mg/Kg	5	☼	6010B	Total/NA
Chromium	52		6.4	1.1	mg/Kg	5	☼	6010B	Total/NA
Copper	410		13	3.2	mg/Kg	5	☼	6010B	Total/NA
Iron	68000		32	19	mg/Kg	5	☼	6010B	Total/NA
Lead	1500		3.2	0.96	mg/Kg	5	☼	6010B	Total/NA
Silver	6.0	I	6.4	1.2	mg/Kg	5	☼	6010B	Total/NA
Mercury	0.12		0.038	0.015	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB-20 (0.5-2) — Lab Sample ID: 640-46968-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	21		12	3.0	mg/Kg	5	☼	6010B	Total/NA
Arsenic	46		3.0	1.4	mg/Kg	5	☼	6010B	Total/NA
Barium	2700		6.1	0.97	mg/Kg	5	☼	6010B	Total/NA
Cadmium	6.6		3.0	0.53	mg/Kg	5	☼	6010B	Total/NA
Chromium	69		6.1	1.0	mg/Kg	5	☼	6010B	Total/NA
Copper	930		12	3.0	mg/Kg	5	☼	6010B	Total/NA
Iron	110000		30	18	mg/Kg	5	☼	6010B	Total/NA
Lead	3200		3.0	0.91	mg/Kg	5	☼	6010B	Total/NA
Selenium	2.6	I	6.1	2.3	mg/Kg	5	☼	6010B	Total/NA
Silver	9.7		6.1	1.2	mg/Kg	5	☼	6010B	Total/NA
Mercury	0.059		0.033	0.013	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB-21 (0-0.5) — Lab Sample ID: 640-46968-8

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	5.5		2.6	0.65	mg/Kg	1	☼	6010B	Total/NA
Arsenic	11		0.65	0.30	mg/Kg	1	☼	6010B	Total/NA
Barium	120		1.3	0.21	mg/Kg	1	☼	6010B	Total/NA
Copper	160		2.6	0.65	mg/Kg	1	☼	6010B	Total/NA
Iron	12000		6.5	3.9	mg/Kg	1	☼	6010B	Total/NA
Lead	340		0.65	0.19	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-21 (0.5-2) — Lab Sample ID: 640-46968-9

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	20		8.0	2.0	mg/Kg	3	☼	6010B	Total/NA
Arsenic	20		2.0	0.92	mg/Kg	3	☼	6010B	Total/NA
Barium	1200		4.0	0.64	mg/Kg	3	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-21 (0.5-2) (Continued) — Lab Sample ID: 640-46968-9

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	520		8.0	2.0	mg/Kg	3	☼	6010B	Total/NA
Iron	47000		20	12	mg/Kg	3	☼	6010B	Total/NA
Lead	4500		2.0	0.60	mg/Kg	3	☼	6010B	Total/NA

Client Sample ID: SB-22 (0-0.5) — Lab Sample ID: 640-46968-10

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	1.4	I	2.1	0.53	mg/Kg	1	☼	6010B	Total/NA
Arsenic	12		0.53	0.24	mg/Kg	1	☼	6010B	Total/NA
Barium	25		1.1	0.17	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.52	I	0.53	0.092	mg/Kg	1	☼	6010B	Total/NA
Chromium	7.7		1.1	0.18	mg/Kg	1	☼	6010B	Total/NA
Copper	34		2.1	0.53	mg/Kg	1	☼	6010B	Total/NA
Iron	4400		5.3	3.2	mg/Kg	1	☼	6010B	Total/NA
Lead	82		0.53	0.16	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.018	I	0.030	0.012	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB-22 (0.5-1.5) — Lab Sample ID: 640-46968-11

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	3.8		2.3	0.57	mg/Kg	1	☼	6010B	Total/NA
Arsenic	15		0.57	0.26	mg/Kg	1	☼	6010B	Total/NA
Barium	630		1.1	0.18	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.86		0.57	0.099	mg/Kg	1	☼	6010B	Total/NA
Chromium	15		1.1	0.19	mg/Kg	1	☼	6010B	Total/NA
Copper	140		2.3	0.57	mg/Kg	1	☼	6010B	Total/NA
Iron	15000		5.7	3.4	mg/Kg	1	☼	6010B	Total/NA
Lead	320		0.57	0.17	mg/Kg	1	☼	6010B	Total/NA
Silver	0.50	I	1.1	0.22	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.075		0.034	0.014	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB-22 (1.5-2) — Lab Sample ID: 640-46968-12

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	4.1		2.3	0.58	mg/Kg	1	☼	6010B	Total/NA
Arsenic	19		0.58	0.27	mg/Kg	1	☼	6010B	Total/NA
Barium	100		1.2	0.19	mg/Kg	1	☼	6010B	Total/NA
Cadmium	1.3		0.58	0.10	mg/Kg	1	☼	6010B	Total/NA
Chromium	15		1.2	0.20	mg/Kg	1	☼	6010B	Total/NA
Copper	130		2.3	0.58	mg/Kg	1	☼	6010B	Total/NA
Iron	21000		5.8	3.5	mg/Kg	1	☼	6010B	Total/NA
Lead	350		0.58	0.17	mg/Kg	1	☼	6010B	Total/NA
Silver	0.96	I	1.2	0.22	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.070		0.036	0.014	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB-23 (0-0.5) — Lab Sample ID: 640-46968-13

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	1.7	I	2.2	0.56	mg/Kg	1	☼	6010B	Total/NA
Arsenic	6.4		0.56	0.26	mg/Kg	1	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-23 (0-0.5) (Continued) — Lab Sample ID: 640-46968-13

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	51		1.1	0.18	mg/Kg	1	☼	6010B	Total/NA
Copper	53		2.2	0.56	mg/Kg	1	☼	6010B	Total/NA
Iron	6400		5.6	3.3	mg/Kg	1	☼	6010B	Total/NA
Lead	130		0.56	0.17	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-23 (0.5-2) — Lab Sample ID: 640-46968-14

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	15		11	2.9	mg/Kg	5	☼	6010B	Total/NA
Arsenic	32		2.9	1.3	mg/Kg	5	☼	6010B	Total/NA
Barium	530		5.7	0.91	mg/Kg	5	☼	6010B	Total/NA
Copper	400		11	2.9	mg/Kg	5	☼	6010B	Total/NA
Iron	87000		29	17	mg/Kg	5	☼	6010B	Total/NA
Lead	1700		2.9	0.86	mg/Kg	5	☼	6010B	Total/NA

Client Sample ID: SB-24 (0-0.5) — Lab Sample ID: 640-46968-15

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	3.6		2.6	0.64	mg/Kg	1	☼	6010B	Total/NA
Arsenic	12		0.64	0.29	mg/Kg	1	☼	6010B	Total/NA
Barium	79		1.3	0.20	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.87		0.64	0.11	mg/Kg	1	☼	6010B	Total/NA
Chromium	20		1.3	0.22	mg/Kg	1	☼	6010B	Total/NA
Copper	120		2.6	0.64	mg/Kg	1	☼	6010B	Total/NA
Iron	13000		6.4	3.8	mg/Kg	1	☼	6010B	Total/NA
Lead	260		0.64	0.19	mg/Kg	1	☼	6010B	Total/NA
Silver	1.0	I	1.3	0.24	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.10		0.034	0.014	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB-24 (0.5-2) — Lab Sample ID: 640-46968-16

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	20		19	4.8	mg/Kg	8	☼	6010B	Total/NA
Arsenic	36		4.8	2.2	mg/Kg	8	☼	6010B	Total/NA
Barium	860		9.5	1.5	mg/Kg	8	☼	6010B	Total/NA
Cadmium	5.8		4.8	0.83	mg/Kg	8	☼	6010B	Total/NA
Chromium	66		9.5	1.6	mg/Kg	8	☼	6010B	Total/NA
Copper	1200		19	4.8	mg/Kg	8	☼	6010B	Total/NA
Iron	130000		48	29	mg/Kg	8	☼	6010B	Total/NA
Lead	2700		4.8	1.4	mg/Kg	8	☼	6010B	Total/NA
Silver	4.7	I	9.5	1.8	mg/Kg	8	☼	6010B	Total/NA
Mercury	0.063		0.034	0.014	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB-25 (0-0.5) — Lab Sample ID: 640-46968-17

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.1		0.58	0.27	mg/Kg	1	☼	6010B	Total/NA
Barium	5.8		1.2	0.19	mg/Kg	1	☼	6010B	Total/NA
Copper	6.1		2.3	0.58	mg/Kg	1	☼	6010B	Total/NA
Iron	9300		5.8	3.5	mg/Kg	1	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: SCS ES Consultants
Project/Site: Curtis Park-Area #1 Baseball (Perimeter)

TestAmerica Job ID: 640-46968-1

Client Sample ID: SB-25 (0-0.5) (Continued) — Lab Sample ID: 640-46968-17

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	12		0.58	0.17	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-25 (0.5-2) — Lab Sample ID: 640-46968-18

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	1.6	I	2.3	0.58	mg/Kg	1	☼	6010B	Total/NA
Arsenic	8.3		0.58	0.27	mg/Kg	1	☼	6010B	Total/NA
Barium	34		1.2	0.19	mg/Kg	1	☼	6010B	Total/NA
Copper	27		2.3	0.58	mg/Kg	1	☼	6010B	Total/NA
Iron	3500		5.8	3.5	mg/Kg	1	☼	6010B	Total/NA
Lead	61		0.58	0.18	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-26 (0-0.5) — Lab Sample ID: 640-46968-19

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	1.4	I	2.6	0.65	mg/Kg	1	☼	6010B	Total/NA
Arsenic	5.1		0.65	0.30	mg/Kg	1	☼	6010B	Total/NA
Barium	50		1.3	0.21	mg/Kg	1	☼	6010B	Total/NA
Copper	46		2.6	0.65	mg/Kg	1	☼	6010B	Total/NA
Iron	5600		6.5	3.9	mg/Kg	1	☼	6010B	Total/NA
Lead	130		0.65	0.20	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-26 (0.5-1) — Lab Sample ID: 640-46968-20

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	5.4		2.4	0.61	mg/Kg	1	☼	6010B	Total/NA
Arsenic	12		0.61	0.28	mg/Kg	1	☼	6010B	Total/NA
Barium	71		1.2	0.20	mg/Kg	1	☼	6010B	Total/NA
Copper	88		2.4	0.61	mg/Kg	1	☼	6010B	Total/NA
Iron	19000		6.1	3.7	mg/Kg	1	☼	6010B	Total/NA
Lead	570		0.61	0.18	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-26 (1-2) — Lab Sample ID: 640-46968-21

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	53		26	6.5	mg/Kg	10	☼	6010B	Total/NA
Arsenic	57		6.5	3.0	mg/Kg	10	☼	6010B	Total/NA
Barium	1400		13	2.1	mg/Kg	10	☼	6010B	Total/NA
Copper	2500		26	6.5	mg/Kg	10	☼	6010B	Total/NA
Iron	180000		65	39	mg/Kg	10	☼	6010B	Total/NA
Lead	4800		6.5	1.9	mg/Kg	10	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client: SCS ES Consultants
Project/Site: Curtis Park-Area #1 Baseball (Perimeter)

TestAmerica Job ID: 640-46968-1

Client Sample ID: SB-18 (0-0.5)
Date Collected: 02/25/14 10:02
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46968-1
Matrix: Solid
Percent Solids: 70.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.74	U	2.9	0.74	mg/Kg	☼	02/27/14 09:30	02/28/14 09:12	1
Arsenic	**1.8**		0.74	0.34	mg/Kg	☼	02/27/14 09:30	02/28/14 09:12	1
Barium	**27**		1.5	0.24	mg/Kg	☼	02/27/14 09:30	02/28/14 09:12	1
Cadmium	**0.23**	**I**	0.74	0.13	mg/Kg	☼	02/27/14 09:30	02/28/14 09:12	1
Chromium	**8.5**		1.5	0.25	mg/Kg	☼	02/27/14 09:30	02/28/14 09:12	1
Copper	**23**		2.9	0.74	mg/Kg	☼	02/27/14 09:30	02/28/14 09:12	1
Iron	**2300**		7.4	4.4	mg/Kg	☼	02/27/14 09:30	02/28/14 09:12	1
Lead	**24**		0.74	0.22	mg/Kg	☼	02/27/14 09:30	02/28/14 09:12	1
Selenium	**0.79**	**I**	1.5	0.54	mg/Kg	☼	02/27/14 09:30	02/28/14 09:12	1
Silver	0.28	U	1.5	0.28	mg/Kg	☼	02/27/14 09:30	02/28/14 09:12	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.032**	**I**	0.039	0.016	mg/Kg	☼	02/27/14 11:05	02/27/14 14:11	1

Client: SCS ES Consultants
Project/Site: Curtis Park-Area #1 Baseball (Perimeter)

TestAmerica Job ID: 640-46968-1

Client Sample ID: SB-18 (0.5-1.5)
Date Collected: 02/25/14 10:04
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46968-2
Matrix: Solid
Percent Solids: 91.6

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.55	U	2.2	0.55	mg/Kg	☼	02/27/14 09:30	02/28/14 09:15	1
Arsenic	**0.71**		0.55	0.25	mg/Kg	☼	02/27/14 09:30	02/28/14 09:15	1
Barium	**7.1**		1.1	0.17	mg/Kg	☼	02/27/14 09:30	02/28/14 09:15	1
Cadmium	**0.12**	**I**	0.55	0.095	mg/Kg	☼	02/27/14 09:30	02/28/14 09:15	1
Chromium	**5.8**		1.1	0.19	mg/Kg	☼	02/27/14 09:30	02/28/14 09:15	1
Copper	**3.2**		2.2	0.55	mg/Kg	☼	02/27/14 09:30	02/28/14 09:15	1
Iron	**750**		5.5	3.3	mg/Kg	☼	02/27/14 09:30	02/28/14 09:15	1
Lead	**7.4**		0.55	0.16	mg/Kg	☼	02/27/14 09:30	02/28/14 09:15	1
Selenium	0.40	U	1.1	0.40	mg/Kg	☼	02/27/14 09:30	02/28/14 09:15	1

Method: 6010B - Metals (ICP) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.41	U	2.2	0.41	mg/Kg	☼	02/27/14 09:30	02/28/14 10:31	2

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.012	U	0.031	0.012	mg/Kg	☼	02/27/14 11:05	02/27/14 14:13	1

Client: SCS ES Consultants
Project/Site: Curtis Park-Area #1 Baseball (Perimeter)

TestAmerica Job ID: 640-46968-1

Client Sample ID: SB-18 (1.5-2)
Date Collected: 02/25/14 10:06
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46968-3
Matrix: Solid
Percent Solids: 83.2

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	4.4		2.5	0.62	mg/Kg	☼	02/27/14 09:30	02/28/14 09:26	1
Arsenic	5.2		0.62	0.29	mg/Kg	☼	02/27/14 09:30	02/28/14 09:26	1
Barium	80		1.2	0.20	mg/Kg	☼	02/27/14 09:30	02/28/14 09:26	1
Cadmium	0.55	I	0.62	0.11	mg/Kg	☼	02/27/14 09:30	02/28/14 09:26	1
Chromium	9.5		1.2	0.21	mg/Kg	☼	02/27/14 09:30	02/28/14 09:26	1
Copper	48		2.5	0.62	mg/Kg	☼	02/27/14 09:30	02/28/14 09:26	1
Iron	6400		6.2	3.7	mg/Kg	☼	02/27/14 09:30	02/28/14 09:26	1
Lead	120		0.62	0.19	mg/Kg	☼	02/27/14 09:30	02/28/14 09:26	1
Selenium	0.46	U	1.2	0.46	mg/Kg	☼	02/27/14 09:30	02/28/14 09:26	1
Silver	0.46	I	1.2	0.24	mg/Kg	☼	02/27/14 09:30	02/28/14 09:26	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.028	I	0.034	0.014	mg/Kg	☼	02/27/14 11:05	02/27/14 14:15	1

Client: SCS ES Consultants
Project/Site: Curtis Park-Area #1 Baseball (Perimeter)

TestAmerica Job ID: 640-46968-1

Client Sample ID: SB-19 (0-0.75)
Date Collected: 02/25/14 12:56
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46968-4
Matrix: Solid
Percent Solids: 89.2

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	3.0		2.3	0.57	mg/Kg	☼	02/27/14 09:30	02/28/14 09:29	1
Arsenic	10		0.57	0.26	mg/Kg	☼	02/27/14 09:30	02/28/14 09:29	1
Barium	61		1.1	0.18	mg/Kg	☼	02/27/14 09:30	02/28/14 09:29	1
Copper	130		2.3	0.57	mg/Kg	☼	02/27/14 09:30	02/28/14 09:29	1
Iron	11000		5.7	3.4	mg/Kg	☼	02/27/14 09:30	02/28/14 09:29	1
Lead	240		0.57	0.17	mg/Kg	☼	02/27/14 09:30	02/28/14 09:29	1

Client: SCS ES Consultants
Project/Site: Curtis Park-Area #1 Baseball (Perimeter)

TestAmerica Job ID: 640-46968-1

Client Sample ID: SB-19 (0.75-2)
Date Collected: 02/25/14 12:58
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46968-5
Matrix: Solid
Percent Solids: 88.8

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	18		11	2.8	mg/Kg	☼	02/27/14 09:30	02/28/14 10:34	5
Arsenic	27		2.8	1.3	mg/Kg	☼	02/27/14 09:30	02/28/14 10:34	5
Barium	700		5.6	0.90	mg/Kg	☼	02/27/14 09:30	02/28/14 10:34	5
Copper	540		11	2.8	mg/Kg	☼	02/27/14 09:30	02/28/14 10:34	5
Iron	89000		28	17	mg/Kg	☼	02/27/14 09:30	02/28/14 10:34	5
Lead	1700		2.8	0.84	mg/Kg	☼	02/27/14 09:30	02/28/14 10:34	5

Client: SCS ES Consultants
Project/Site: Curtis Park-Area #1 Baseball (Perimeter)

TestAmerica Job ID: 640-46968-1

Client Sample ID: SB-20 (0-0.5)
Date Collected: 02/25/14 11:45
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46968-6
Matrix: Solid
Percent Solids: 78.9

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	10	I	13	3.2	mg/Kg	☼	02/27/14 09:30	02/28/14 10:38	5
Arsenic	20		3.2	1.5	mg/Kg	☼	02/27/14 09:30	02/28/14 10:38	5
Barium	430		6.4	1.0	mg/Kg	☼	02/27/14 09:30	02/28/14 10:38	5
Cadmium	3.3		3.2	0.56	mg/Kg	☼	02/27/14 09:30	02/28/14 10:38	5
Chromium	52		6.4	1.1	mg/Kg	☼	02/27/14 09:30	02/28/14 10:38	5
Copper	410		13	3.2	mg/Kg	☼	02/27/14 09:30	02/28/14 10:38	5
Iron	68000		32	19	mg/Kg	☼	02/27/14 09:30	02/28/14 10:38	5
Lead	1500		3.2	0.96	mg/Kg	☼	02/27/14 09:30	02/28/14 10:38	5
Selenium	2.4	U	6.4	2.4	mg/Kg	☼	02/27/14 09:30	02/28/14 10:38	5
Silver	6.0	I	6.4	1.2	mg/Kg	☼	02/27/14 09:30	02/28/14 10:38	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.12		0.038	0.015	mg/Kg	☼	02/27/14 11:05	02/27/14 14:16	1

Client: SCS ES Consultants
Project/Site: Curtis Park-Area #1 Baseball (Perimeter)

TestAmerica Job ID: 640-46968-1

Client Sample ID: SB-20 (0.5-2)
Date Collected: 02/25/14 11:47
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46968-7
Matrix: Solid
Percent Solids: 82.9

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	21		12	3.0	mg/Kg	☼	02/27/14 09:30	02/28/14 10:41	5
Arsenic	46		3.0	1.4	mg/Kg	☼	02/27/14 09:30	02/28/14 10:41	5
Barium	2700		6.1	0.97	mg/Kg	☼	02/27/14 09:30	02/28/14 10:41	5
Cadmium	6.6		3.0	0.53	mg/Kg	☼	02/27/14 09:30	02/28/14 10:41	5
Chromium	69		6.1	1.0	mg/Kg	☼	02/27/14 09:30	02/28/14 10:41	5
Copper	930		12	3.0	mg/Kg	☼	02/27/14 09:30	02/28/14 10:41	5
Iron	110000		30	18	mg/Kg	☼	02/27/14 09:30	02/28/14 10:41	5
Lead	3200		3.0	0.91	mg/Kg	☼	02/27/14 09:30	02/28/14 10:41	5
Selenium	2.6	I	6.1	2.3	mg/Kg	☼	02/27/14 09:30	02/28/14 10:41	5
Silver	9.7		6.1	1.2	mg/Kg	☼	02/27/14 09:30	02/28/14 10:41	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.059		0.033	0.013	mg/Kg	☼	02/27/14 11:05	02/27/14 14:18	1

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park-Area #1 Baseball (Perimeter)

TestAmerica Job ID: 640-46968-1

Client Sample ID: SB-21 (0-0.5)
Date Collected: 02/25/14 11:50
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46968-8
Matrix: Solid
Percent Solids: 76.2

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	5.5		2.6	0.65	mg/Kg	☼	02/27/14 09:30	02/28/14 09:44	1
Arsenic	11		0.65	0.30	mg/Kg	☼	02/27/14 09:30	02/28/14 09:44	1
Barium	120		1.3	0.21	mg/Kg	☼	02/27/14 09:30	02/28/14 09:44	1
Copper	160		2.6	0.65	mg/Kg	☼	02/27/14 09:30	02/28/14 09:44	1
Iron	12000		6.5	3.9	mg/Kg	☼	02/27/14 09:30	02/28/14 09:44	1
Lead	340		0.65	0.19	mg/Kg	☼	02/27/14 09:30	02/28/14 09:44	1

Client: SCS ES Consultants
Project/Site: Curtis Park-Area #1 Baseball (Perimeter)

TestAmerica Job ID: 640-46968-1

Client Sample ID: SB-21 (0.5-2)
Date Collected: 02/25/14 11:52
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46968-9
Matrix: Solid
Percent Solids: 77.5

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	20		8.0	2.0	mg/Kg	☼	02/27/14 09:30	02/28/14 10:51	3
Arsenic	20		2.0	0.92	mg/Kg	☼	02/27/14 09:30	02/28/14 10:51	3
Barium	1200		4.0	0.64	mg/Kg	☼	02/27/14 09:30	02/28/14 10:51	3
Copper	520		8.0	2.0	mg/Kg	☼	02/27/14 09:30	02/28/14 10:51	3
Iron	47000		20	12	mg/Kg	☼	02/27/14 09:30	02/28/14 10:51	3
Lead	4500		2.0	0.60	mg/Kg	☼	02/27/14 09:30	02/28/14 10:51	3

Client: SCS ES Consultants
Project/Site: Curtis Park-Area #1 Baseball (Perimeter)

TestAmerica Job ID: 640-46968-1

Client Sample ID: SB-22 (0-0.5)
Date Collected: 02/25/14 09:48
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46968-10
Matrix: Solid
Percent Solids: 93.6

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.4	I	2.1	0.53	mg/Kg	☼	02/27/14 09:30	02/28/14 09:51	1
Arsenic	12		0.53	0.24	mg/Kg	☼	02/27/14 09:30	02/28/14 09:51	1
Barium	25		1.1	0.17	mg/Kg	☼	02/27/14 09:30	02/28/14 09:51	1
Cadmium	0.52	I	0.53	0.092	mg/Kg	☼	02/27/14 09:30	02/28/14 09:51	1
Chromium	7.7		1.1	0.18	mg/Kg	☼	02/27/14 09:30	02/28/14 09:51	1
Copper	34		2.1	0.53	mg/Kg	☼	02/27/14 09:30	02/28/14 09:51	1
Iron	4400		5.3	3.2	mg/Kg	☼	02/27/14 09:30	02/28/14 09:51	1
Lead	82		0.53	0.16	mg/Kg	☼	02/27/14 09:30	02/28/14 09:51	1
Selenium	0.39	U	1.1	0.39	mg/Kg	☼	02/27/14 09:30	02/28/14 09:51	1
Silver	0.20	U	1.1	0.20	mg/Kg	☼	02/27/14 09:30	02/28/14 09:51	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.018	I	0.030	0.012	mg/Kg	☼	02/27/14 11:05	02/27/14 14:23	1

Client: SCS ES Consultants
Project/Site: Curtis Park-Area #1 Baseball (Perimeter)

TestAmerica Job ID: 640-46968-1

Client Sample ID: SB-22 (0.5-1.5)
Date Collected: 02/25/14 09:50
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46968-11
Matrix: Solid
Percent Solids: 87.4

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	3.8		2.3	0.57	mg/Kg	☼	02/27/14 09:30	02/28/14 09:55	1
Arsenic	15		0.57	0.26	mg/Kg	☼	02/27/14 09:30	02/28/14 09:55	1
Barium	630		1.1	0.18	mg/Kg	☼	02/27/14 09:30	02/28/14 09:55	1
Cadmium	0.86		0.57	0.099	mg/Kg	☼	02/27/14 09:30	02/28/14 09:55	1
Chromium	15		1.1	0.19	mg/Kg	☼	02/27/14 09:30	02/28/14 09:55	1
Copper	140		2.3	0.57	mg/Kg	☼	02/27/14 09:30	02/28/14 09:55	1
Iron	15000		5.7	3.4	mg/Kg	☼	02/27/14 09:30	02/28/14 09:55	1
Lead	320		0.57	0.17	mg/Kg	☼	02/27/14 09:30	02/28/14 09:55	1
Selenium	0.42	U	1.1	0.42	mg/Kg	☼	02/27/14 09:30	02/28/14 09:55	1
Silver	0.50	I	1.1	0.22	mg/Kg	☼	02/27/14 09:30	02/28/14 09:55	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.075		0.034	0.014	mg/Kg	☼	02/27/14 11:05	02/27/14 14:25	1

Client: SCS ES Consultants
Project/Site: Curtis Park-Area #1 Baseball (Perimeter)

TestAmerica Job ID: 640-46968-1

Client Sample ID: SB-22 (1.5-2)
Date Collected: 02/25/14 09:52
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46968-12
Matrix: Solid
Percent Solids: 83.6

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	4.1		2.3	0.58	mg/Kg	☼	02/27/14 09:30	02/28/14 09:59	1
Arsenic	19		0.58	0.27	mg/Kg	☼	02/27/14 09:30	02/28/14 09:59	1
Barium	100		1.2	0.19	mg/Kg	☼	02/27/14 09:30	02/28/14 09:59	1
Cadmium	1.3		0.58	0.10	mg/Kg	☼	02/27/14 09:30	02/28/14 09:59	1
Chromium	15		1.2	0.20	mg/Kg	☼	02/27/14 09:30	02/28/14 09:59	1
Copper	130		2.3	0.58	mg/Kg	☼	02/27/14 09:30	02/28/14 09:59	1
Iron	21000		5.8	3.5	mg/Kg	☼	02/27/14 09:30	02/28/14 09:59	1
Lead	350		0.58	0.17	mg/Kg	☼	02/27/14 09:30	02/28/14 09:59	1
Selenium	0.43	U	1.2	0.43	mg/Kg	☼	02/27/14 09:30	02/28/14 09:59	1
Silver	0.96	I	1.2	0.22	mg/Kg	☼	02/27/14 09:30	02/28/14 09:59	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.070		0.036	0.014	mg/Kg	☼	03/03/14 08:55	03/03/14 15:27	1

Client: SCS ES Consultants
Project/Site: Curtis Park-Area #1 Baseball (Perimeter)

TestAmerica Job ID: 640-46968-1

Client Sample ID: SB-23 (0-0.5)
Date Collected: 02/25/14 11:32
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46968-13
Matrix: Solid
Percent Solids: 90.7

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.7	I	2.2	0.56	mg/Kg	☼	02/27/14 09:30	02/28/14 10:09	1
Arsenic	6.4		0.56	0.26	mg/Kg	☼	02/27/14 09:30	02/28/14 10:09	1
Barium	51		1.1	0.18	mg/Kg	☼	02/27/14 09:30	02/28/14 10:09	1
Copper	53		2.2	0.56	mg/Kg	☼	02/27/14 09:30	02/28/14 10:09	1
Iron	6400		5.6	3.3	mg/Kg	☼	02/27/14 09:30	02/28/14 10:09	1
Lead	130		0.56	0.17	mg/Kg	☼	02/27/14 09:30	02/28/14 10:09	1

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park-Area #1 Baseball (Perimeter)

TestAmerica Job ID: 640-46968-1

Client Sample ID: SB-23 (0.5-2)
Date Collected: 02/25/14 11:34
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46968-14
Matrix: Solid
Percent Solids: 85.8

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	15		11	2.9	mg/Kg	☼	02/27/14 09:30	02/28/14 10:54	5
Arsenic	32		2.9	1.3	mg/Kg	☼	02/27/14 09:30	02/28/14 10:54	5
Barium	530		5.7	0.91	mg/Kg	☼	02/27/14 09:30	02/28/14 10:54	5
Copper	400		11	2.9	mg/Kg	☼	02/27/14 09:30	02/28/14 10:54	5
Iron	87000		29	17	mg/Kg	☼	02/27/14 09:30	02/28/14 10:54	5
Lead	1700		2.9	0.86	mg/Kg	☼	02/27/14 09:30	02/28/14 10:54	5

Client: SCS ES Consultants
Project/Site: Curtis Park-Area #1 Baseball (Perimeter)

TestAmerica Job ID: 640-46968-1

Client Sample ID: SB-24 (0-0.5)
Date Collected: 02/25/14 11:40
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46968-15
Matrix: Solid
Percent Solids: 80.5

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	3.6		2.6	0.64	mg/Kg	☼	02/27/14 09:30	02/28/14 10:16	1
Arsenic	12		0.64	0.29	mg/Kg	☼	02/27/14 09:30	02/28/14 10:16	1
Barium	79		1.3	0.20	mg/Kg	☼	02/27/14 09:30	02/28/14 10:16	1
Cadmium	0.87		0.64	0.11	mg/Kg	☼	02/27/14 09:30	02/28/14 10:16	1
Chromium	20		1.3	0.22	mg/Kg	☼	02/27/14 09:30	02/28/14 10:16	1
Copper	120		2.6	0.64	mg/Kg	☼	02/27/14 09:30	02/28/14 10:16	1
Iron	13000		6.4	3.8	mg/Kg	☼	02/27/14 09:30	02/28/14 10:16	1
Lead	260		0.64	0.19	mg/Kg	☼	02/27/14 09:30	02/28/14 10:16	1
Selenium	0.47	U	1.3	0.47	mg/Kg	☼	02/27/14 09:30	02/28/14 10:16	1
Silver	1.0	I	1.3	0.24	mg/Kg	☼	02/27/14 09:30	02/28/14 10:16	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.10		0.034	0.014	mg/Kg	☼	03/03/14 08:55	03/03/14 15:29	1

Client: SCS ES Consultants
Project/Site: Curtis Park-Area #1 Baseball (Perimeter)

TestAmerica Job ID: 640-46968-1

Client Sample ID: SB-24 (0.5-2)
Date Collected: 02/25/14 11:42
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46968-16
Matrix: Solid
Percent Solids: 82.4

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	20		19	4.8	mg/Kg	☼	02/27/14 09:30	02/28/14 12:46	8
Arsenic	36		4.8	2.2	mg/Kg	☼	02/27/14 09:30	02/28/14 12:46	8
Barium	860		9.5	1.5	mg/Kg	☼	02/27/14 09:30	02/28/14 12:46	8
Cadmium	5.8		4.8	0.83	mg/Kg	☼	02/27/14 09:30	02/28/14 12:46	8
Chromium	66		9.5	1.6	mg/Kg	☼	02/27/14 09:30	02/28/14 12:46	8
Copper	1200		19	4.8	mg/Kg	☼	02/27/14 09:30	02/28/14 12:46	8
Iron	130000		48	29	mg/Kg	☼	02/27/14 09:30	02/28/14 12:46	8
Lead	2700		4.8	1.4	mg/Kg	☼	02/27/14 09:30	02/28/14 12:46	8
Selenium	3.5	U	9.5	3.5	mg/Kg	☼	02/27/14 09:30	02/28/14 12:46	8
Silver	4.7	I	9.5	1.8	mg/Kg	☼	02/27/14 09:30	02/28/14 12:46	8

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.063		0.034	0.014	mg/Kg	☼	03/03/14 08:55	03/03/14 15:31	1

Client: SCS ES Consultants
Project/Site: Curtis Park-Area #1 Baseball (Perimeter)

TestAmerica Job ID: 640-46968-1

Client Sample ID: SB-25 (0-0.5)
Date Collected: 02/25/14 11:15
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46968-17
Matrix: Solid
Percent Solids: 87.6

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.58	U	2.3	0.58	mg/Kg	☼	02/27/14 09:30	02/28/14 10:24	1
Arsenic	**5.1**		0.58	0.27	mg/Kg	☼	02/27/14 09:30	02/28/14 10:24	1
Barium	**5.8**		1.2	0.19	mg/Kg	☼	02/27/14 09:30	02/28/14 10:24	1
Copper	**6.1**		2.3	0.58	mg/Kg	☼	02/27/14 09:30	02/28/14 10:24	1
Iron	**9300**		5.8	3.5	mg/Kg	☼	02/27/14 09:30	02/28/14 10:24	1
Lead	**12**		0.58	0.17	mg/Kg	☼	02/27/14 09:30	02/28/14 10:24	1

Client: SCS ES Consultants
Project/Site: Curtis Park-Area #1 Baseball (Perimeter)

TestAmerica Job ID: 640-46968-1

Client Sample ID: SB-25 (0.5-2)
Date Collected: 02/25/14 11:17
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46968-18
Matrix: Solid
Percent Solids: 88.2

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.6	I	2.3	0.58	mg/Kg	☼	02/27/14 09:30	02/28/14 10:27	1
Arsenic	8.3		0.58	0.27	mg/Kg	☼	02/27/14 09:30	02/28/14 10:27	1
Barium	34		1.2	0.19	mg/Kg	☼	02/27/14 09:30	02/28/14 10:27	1
Copper	27		2.3	0.58	mg/Kg	☼	02/27/14 09:30	02/28/14 10:27	1
Iron	3500		5.8	3.5	mg/Kg	☼	02/27/14 09:30	02/28/14 10:27	1
Lead	61		0.58	0.18	mg/Kg	☼	02/27/14 09:30	02/28/14 10:27	1

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park-Area #1 Baseball (Perimeter)

TestAmerica Job ID: 640-46968-1

Client Sample ID: SB-26 (0-0.5)
Date Collected: 02/25/14 11:21
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46968-19
Matrix: Solid
Percent Solids: 75.8

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.4	I	2.6	0.65	mg/Kg	☼	03/03/14 07:00	03/03/14 11:49	1
Arsenic	5.1		0.65	0.30	mg/Kg	☼	03/03/14 07:00	03/03/14 11:49	1
Barium	50		1.3	0.21	mg/Kg	☼	03/03/14 07:00	03/03/14 11:49	1
Copper	46		2.6	0.65	mg/Kg	☼	03/03/14 07:00	03/03/14 11:49	1
Iron	5600		6.5	3.9	mg/Kg	☼	03/03/14 07:00	03/03/14 11:49	1
Lead	130		0.65	0.20	mg/Kg	☼	03/03/14 07:00	03/03/14 11:49	1

Client: SCS ES Consultants
Project/Site: Curtis Park-Area #1 Baseball (Perimeter)

TestAmerica Job ID: 640-46968-1

Client Sample ID: SB-26 (0.5-1)
Date Collected: 02/25/14 11:23
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46968-20
Matrix: Solid
Percent Solids: 84.2

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	5.4		2.4	0.61	mg/Kg	☼	03/03/14 07:00	03/03/14 11:52	1
Arsenic	12		0.61	0.28	mg/Kg	☼	03/03/14 07:00	03/03/14 11:52	1
Barium	71		1.2	0.20	mg/Kg	☼	03/03/14 07:00	03/03/14 11:52	1
Copper	88		2.4	0.61	mg/Kg	☼	03/03/14 07:00	03/03/14 11:52	1
Iron	19000		6.1	3.7	mg/Kg	☼	03/03/14 07:00	03/03/14 11:52	1
Lead	570		0.61	0.18	mg/Kg	☼	03/03/14 07:00	03/03/14 11:52	1

Client Sample Results

Client: SCS ES Consultants
TestAmerica Job ID: 640-46968-1
Project/Site: Curtis Park-Area #1 Baseball (Perimeter)

Client Sample ID: SB-26 (1-2)
Lab Sample ID: 640-46968-21
Date Collected: 02/25/14 11:25
Matrix: Solid
Date Received: 02/26/14 08:40
Percent Solids: 78.9

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	53		26	6.5	mg/Kg	☼	03/03/14 07:00	03/03/14 13:09	10
Arsenic	57		6.5	3.0	mg/Kg	☼	03/03/14 07:00	03/03/14 13:09	10
Barium	1400		13	2.1	mg/Kg	☼	03/03/14 07:00	03/03/14 13:09	10
Copper	2500		26	6.5	mg/Kg	☼	03/03/14 07:00	03/03/14 13:09	10
Iron	180000		65	39	mg/Kg	☼	03/03/14 07:00	03/03/14 13:09	10
Lead	4800		6.5	1.9	mg/Kg	☼	03/03/14 07:00	03/03/14 13:09	10

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 660-146527/1-A
Matrix: Solid
Analysis Batch: 146574

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 146527

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.50	U	2.0	0.50	mg/Kg		02/27/14 09:30	02/28/14 08:46	1
Arsenic	0.23	U	0.50	0.23	mg/Kg		02/27/14 09:30	02/28/14 08:46	1
Barium	0.16	U	1.0	0.16	mg/Kg		02/27/14 09:30	02/28/14 08:46	1
Cadmium	0.087	U	0.50	0.087	mg/Kg		02/27/14 09:30	02/28/14 08:46	1
Chromium	0.17	U	1.0	0.17	mg/Kg		02/27/14 09:30	02/28/14 08:46	1
Copper	0.50	U	2.0	0.50	mg/Kg		02/27/14 09:30	02/28/14 08:46	1
Iron	3.0	U	5.0	3.0	mg/Kg		02/27/14 09:30	02/28/14 08:46	1
Lead	0.15	U	0.50	0.15	mg/Kg		02/27/14 09:30	02/28/14 08:46	1
Selenium	0.37	U	1.0	0.37	mg/Kg		02/27/14 09:30	02/28/14 08:46	1
Silver	0.19	U	1.0	0.19	mg/Kg		02/27/14 09:30	02/28/14 08:46	1

Lab Sample ID: LCS 660-146527/2-A
Matrix: Solid
Analysis Batch: 146574

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 146527

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	50.0	48.9		mg/Kg		98	75 - 125
Arsenic	50.0	48.6		mg/Kg		97	75 - 125
Barium	50.0	51.0		mg/Kg		102	75 - 125
Cadmium	50.0	47.3		mg/Kg		95	75 - 125
Chromium	50.0	49.6		mg/Kg		99	75 - 125
Copper	50.0	51.8		mg/Kg		104	75 - 125
Iron	50.0	52.5		mg/Kg		105	75 - 125
Lead	50.0	49.4		mg/Kg		99	75 - 125
Selenium	50.0	47.4		mg/Kg		95	75 - 125
Silver	50.0	48.8		mg/Kg		98	75 - 125

Lab Sample ID: MB 660-146597/1-A
Matrix: Solid
Analysis Batch: 146626

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 146597

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.50	U	2.0	0.50	mg/Kg		03/03/14 07:00	03/03/14 11:02	1
Arsenic	0.23	U	0.50	0.23	mg/Kg		03/03/14 07:00	03/03/14 11:02	1
Barium	0.16	U	1.0	0.16	mg/Kg		03/03/14 07:00	03/03/14 11:02	1
Cadmium	0.087	U	0.50	0.087	mg/Kg		03/03/14 07:00	03/03/14 11:02	1
Chromium	0.17	U	1.0	0.17	mg/Kg		03/03/14 07:00	03/03/14 11:02	1
Copper	0.50	U	2.0	0.50	mg/Kg		03/03/14 07:00	03/03/14 11:02	1
Iron	3.0	U	5.0	3.0	mg/Kg		03/03/14 07:00	03/03/14 11:02	1
Lead	0.15	U	0.50	0.15	mg/Kg		03/03/14 07:00	03/03/14 11:02	1
Selenium	0.37	U	1.0	0.37	mg/Kg		03/03/14 07:00	03/03/14 11:02	1
Silver	0.19	U	1.0	0.19	mg/Kg		03/03/14 07:00	03/03/14 11:02	1

Lab Sample ID: LCS 660-146597/2-A
Matrix: Solid
Analysis Batch: 146626

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 146597

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	50.0	49.9		mg/Kg		100	75 - 125

Client: SCS ES Consultants
Project/Site: Curtis Park-Area #1 Baseball (Perimeter)

TestAmerica Job ID: 640-46968-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 660-146597/2-A
Matrix: Solid
Analysis Batch: 146626

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 146597

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	50.0	50.3		mg/Kg		101	75 - 125
Barium	50.0	51.6		mg/Kg		103	75 - 125
Cadmium	50.0	48.9		mg/Kg		98	75 - 125
Chromium	50.0	51.6		mg/Kg		103	75 - 125
Copper	50.0	52.1		mg/Kg		104	75 - 125
Iron	50.0	52.5		mg/Kg		105	75 - 125
Lead	50.0	51.2		mg/Kg		102	75 - 125
Selenium	50.0	49.3		mg/Kg		99	75 - 125
Silver	50.0	49.9		mg/Kg		100	75 - 125

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 660-146548/13-A
Matrix: Solid
Analysis Batch: 146557

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 146548

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.012	U	0.030	0.012	mg/Kg		02/27/14 11:05	02/27/14 13:42	1

Lab Sample ID: LCS 660-146548/14-A
Matrix: Solid
Analysis Batch: 146557

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 146548

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.167	0.156		mg/Kg		94	80 - 120

Lab Sample ID: MB 660-146628/13-A
Matrix: Solid
Analysis Batch: 146637

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 146628

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.012	U	0.030	0.012	mg/Kg		03/03/14 08:55	03/03/14 15:17	1

Lab Sample ID: LCS 660-146628/14-A
Matrix: Solid
Analysis Batch: 146637

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 146628

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.167	0.152		mg/Kg		91	80 - 120

Metals

Prep Batch: 146527

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46968-1	SB-18 (0-0.5)	Total/NA	Solid	3050B	
640-46968-2 - DL	SB-18 (0.5-1.5)	Total/NA	Solid	3050B	
640-46968-2	SB-18 (0.5-1.5)	Total/NA	Solid	3050B	
640-46968-3	SB-18 (1.5-2)	Total/NA	Solid	3050B	
640-46968-4	SB-19 (0-0.75)	Total/NA	Solid	3050B	
640-46968-5	SB-19 (0.75-2)	Total/NA	Solid	3050B	
640-46968-6	SB-20 (0-0.5)	Total/NA	Solid	3050B	
640-46968-7	SB-20 (0.5-2)	Total/NA	Solid	3050B	
640-46968-8	SB-21 (0-0.5)	Total/NA	Solid	3050B	
640-46968-9	SB-21 (0.5-2)	Total/NA	Solid	3050B	
640-46968-10	SB-22 (0-0.5)	Total/NA	Solid	3050B	
640-46968-11	SB-22 (0.5-1.5)	Total/NA	Solid	3050B	
640-46968-12	SB-22 (1.5-2)	Total/NA	Solid	3050B	
640-46968-13	SB-23 (0-0.5)	Total/NA	Solid	3050B	
640-46968-14	SB-23 (0.5-2)	Total/NA	Solid	3050B	
640-46968-15	SB-24 (0-0.5)	Total/NA	Solid	3050B	
640-46968-16	SB-24 (0.5-2)	Total/NA	Solid	3050B	
640-46968-17	SB-25 (0-0.5)	Total/NA	Solid	3050B	
640-46968-18	SB-25 (0.5-2)	Total/NA	Solid	3050B	
LCS 660-146527/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 660-146527/1-A	Method Blank	Total/NA	Solid	3050B	

Prep Batch: 146548

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46968-1	SB-18 (0-0.5)	Total/NA	Solid	7471A	
640-46968-2	SB-18 (0.5-1.5)	Total/NA	Solid	7471A	
640-46968-3	SB-18 (1.5-2)	Total/NA	Solid	7471A	
640-46968-6	SB-20 (0-0.5)	Total/NA	Solid	7471A	
640-46968-7	SB-20 (0.5-2)	Total/NA	Solid	7471A	
640-46968-10	SB-22 (0-0.5)	Total/NA	Solid	7471A	
640-46968-11	SB-22 (0.5-1.5)	Total/NA	Solid	7471A	
LCS 660-146548/14-A	Lab Control Sample	Total/NA	Solid	7471A	
MB 660-146548/13-A	Method Blank	Total/NA	Solid	7471A	

Analysis Batch: 146557

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46968-1	SB-18 (0-0.5)	Total/NA	Solid	7471A	146548
640-46968-2	SB-18 (0.5-1.5)	Total/NA	Solid	7471A	146548
640-46968-3	SB-18 (1.5-2)	Total/NA	Solid	7471A	146548
640-46968-6	SB-20 (0-0.5)	Total/NA	Solid	7471A	146548
640-46968-7	SB-20 (0.5-2)	Total/NA	Solid	7471A	146548
640-46968-10	SB-22 (0-0.5)	Total/NA	Solid	7471A	146548
640-46968-11	SB-22 (0.5-1.5)	Total/NA	Solid	7471A	146548
LCS 660-146548/14-A	Lab Control Sample	Total/NA	Solid	7471A	146548
MB 660-146548/13-A	Method Blank	Total/NA	Solid	7471A	146548

Analysis Batch: 146574

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46968-1	SB-18 (0-0.5)	Total/NA	Solid	6010B	146527
640-46968-2	SB-18 (0.5-1.5)	Total/NA	Solid	6010B	146527
640-46968-2 - DL	SB-18 (0.5-1.5)	Total/NA	Solid	6010B	146527

Metals (Continued)

Analysis Batch: 146574 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46968-3	SB-18 (1.5-2)	Total/NA	Solid	6010B	146527
640-46968-4	SB-19 (0-0.75)	Total/NA	Solid	6010B	146527
640-46968-5	SB-19 (0.75-2)	Total/NA	Solid	6010B	146527
640-46968-6	SB-20 (0-0.5)	Total/NA	Solid	6010B	146527
640-46968-7	SB-20 (0.5-2)	Total/NA	Solid	6010B	146527
640-46968-8	SB-21 (0-0.5)	Total/NA	Solid	6010B	146527
640-46968-9	SB-21 (0.5-2)	Total/NA	Solid	6010B	146527
640-46968-10	SB-22 (0-0.5)	Total/NA	Solid	6010B	146527
640-46968-11	SB-22 (0.5-1.5)	Total/NA	Solid	6010B	146527
640-46968-12	SB-22 (1.5-2)	Total/NA	Solid	6010B	146527
640-46968-13	SB-23 (0-0.5)	Total/NA	Solid	6010B	146527
640-46968-14	SB-23 (0.5-2)	Total/NA	Solid	6010B	146527
640-46968-15	SB-24 (0-0.5)	Total/NA	Solid	6010B	146527
640-46968-16	SB-24 (0.5-2)	Total/NA	Solid	6010B	146527
640-46968-17	SB-25 (0-0.5)	Total/NA	Solid	6010B	146527
640-46968-18	SB-25 (0.5-2)	Total/NA	Solid	6010B	146527
LCS 660-146527/2-A	Lab Control Sample	Total/NA	Solid	6010B	146527
MB 660-146527/1-A	Method Blank	Total/NA	Solid	6010B	146527

Prep Batch: 146597

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46968-19	SB-26 (0-0.5)	Total/NA	Solid	3050B	
640-46968-20	SB-26 (0.5-1)	Total/NA	Solid	3050B	
640-46968-21	SB-26 (1-2)	Total/NA	Solid	3050B	
LCS 660-146597/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 660-146597/1-A	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 146626

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46968-19	SB-26 (0-0.5)	Total/NA	Solid	6010B	146597
640-46968-20	SB-26 (0.5-1)	Total/NA	Solid	6010B	146597
640-46968-21	SB-26 (1-2)	Total/NA	Solid	6010B	146597
LCS 660-146597/2-A	Lab Control Sample	Total/NA	Solid	6010B	146597
MB 660-146597/1-A	Method Blank	Total/NA	Solid	6010B	146597

Prep Batch: 146628

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46968-12	SB-22 (1.5-2)	Total/NA	Solid	7471A	
640-46968-15	SB-24 (0-0.5)	Total/NA	Solid	7471A	
640-46968-16	SB-24 (0.5-2)	Total/NA	Solid	7471A	
LCS 660-146628/14-A	Lab Control Sample	Total/NA	Solid	7471A	
MB 660-146628/13-A	Method Blank	Total/NA	Solid	7471A	

Analysis Batch: 146637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46968-12	SB-22 (1.5-2)	Total/NA	Solid	7471A	146628
640-46968-15	SB-24 (0-0.5)	Total/NA	Solid	7471A	146628
640-46968-16	SB-24 (0.5-2)	Total/NA	Solid	7471A	146628
LCS 660-146628/14-A	Lab Control Sample	Total/NA	Solid	7471A	146628
MB 660-146628/13-A	Method Blank	Total/NA	Solid	7471A	146628

Client: SCS ES Consultants
Project/Site: Curtis Park-Area #1 Baseball (Perimeter)

TestAmerica Job ID: 640-46968-1

General Chemistry

Analysis Batch: 146531

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46968-1	SB-18 (0-0.5)	Total/NA	Solid	Moisture	
640-46968-2	SB-18 (0.5-1.5)	Total/NA	Solid	Moisture	
640-46968-3	SB-18 (1.5-2)	Total/NA	Solid	Moisture	
640-46968-4	SB-19 (0-0.75)	Total/NA	Solid	Moisture	
640-46968-5	SB-19 (0.75-2)	Total/NA	Solid	Moisture	
640-46968-6	SB-20 (0-0.5)	Total/NA	Solid	Moisture	
640-46968-7	SB-20 (0.5-2)	Total/NA	Solid	Moisture	
640-46968-8	SB-21 (0-0.5)	Total/NA	Solid	Moisture	
640-46968-9	SB-21 (0.5-2)	Total/NA	Solid	Moisture	
640-46968-10	SB-22 (0-0.5)	Total/NA	Solid	Moisture	
640-46968-11	SB-22 (0.5-1.5)	Total/NA	Solid	Moisture	
640-46968-12	SB-22 (1.5-2)	Total/NA	Solid	Moisture	

Analysis Batch: 146590

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46968-13	SB-23 (0-0.5)	Total/NA	Solid	Moisture	
640-46968-13 DU	SB-23 (0-0.5)	Total/NA	Solid	Moisture	
640-46968-14	SB-23 (0.5-2)	Total/NA	Solid	Moisture	
640-46968-15	SB-24 (0-0.5)	Total/NA	Solid	Moisture	
640-46968-16	SB-24 (0.5-2)	Total/NA	Solid	Moisture	
640-46968-17	SB-25 (0-0.5)	Total/NA	Solid	Moisture	
640-46968-18	SB-25 (0.5-2)	Total/NA	Solid	Moisture	
640-46968-19	SB-26 (0-0.5)	Total/NA	Solid	Moisture	
640-46968-20	SB-26 (0.5-1)	Total/NA	Solid	Moisture	
640-46968-21	SB-26 (1-2)	Total/NA	Solid	Moisture	

Lab Chronicle

Client: SCS ES Consultants
Project/Site: Curtis Park-Area #1 Baseball (Perimeter)

TestAmerica Job ID: 640-46968-1

Client Sample ID: SB-18 (0-0.5)

Lab Sample ID: 640-46968-1

Date Collected: 02/25/14 10:02
Matrix: Solid
Date Received: 02/26/14 08:40
Percent Solids: 70.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			146548	02/27/14 11:05	RAG	TAL TAM
Total/NA	Analysis	7471A		1	146557	02/27/14 14:11	RAG	TAL TAM
Total/NA	Prep	3050B			146527	02/27/14 09:30	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146574	02/28/14 09:12	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146531	02/27/14 07:15	AJG	TAL TAM

Client Sample ID: SB-18 (0.5-1.5)

Lab Sample ID: 640-46968-2

Date Collected: 02/25/14 10:04
Matrix: Solid
Date Received: 02/26/14 08:40
Percent Solids: 91.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			146548	02/27/14 11:05	RAG	TAL TAM
Total/NA	Analysis	7471A		1	146557	02/27/14 14:13	RAG	TAL TAM
Total/NA	Prep	3050B			146527	02/27/14 09:30	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146574	02/28/14 09:15	GAF	TAL TAM
Total/NA	Prep	3050B	DL		146527	02/27/14 09:30	GAF	TAL TAM
Total/NA	Analysis	6010B	DL	2	146574	02/28/14 10:31	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146531	02/27/14 07:34	AJG	TAL TAM

Client Sample ID: SB-18 (1.5-2)

Lab Sample ID: 640-46968-3

Date Collected: 02/25/14 10:06
Matrix: Solid
Date Received: 02/26/14 08:40
Percent Solids: 83.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			146548	02/27/14 11:05	RAG	TAL TAM
Total/NA	Analysis	7471A		1	146557	02/27/14 14:15	RAG	TAL TAM
Total/NA	Prep	3050B			146527	02/27/14 09:30	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146574	02/28/14 09:26	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146531	02/27/14 07:41	AJG	TAL TAM

Client Sample ID: SB-19 (0-0.75)

Lab Sample ID: 640-46968-4

Date Collected: 02/25/14 12:56
Matrix: Solid
Date Received: 02/26/14 08:40
Percent Solids: 89.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146527	02/27/14 09:30	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146574	02/28/14 09:29	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146531	02/27/14 07:54	AJG	TAL TAM

Lab Chronicle

Client: SCS ES Consultants
Project/Site: Curtis Park-Area #1 Baseball (Perimeter)

TestAmerica Job ID: 640-46968-1

Client Sample ID: SB-19 (0.75-2)

Lab Sample ID: 640-46968-5

Date Collected: 02/25/14 12:58
Date Received: 02/26/14 08:40

Matrix: Solid
Percent Solids: 88.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146527	02/27/14 09:30	GAF	TAL TAM
Total/NA	Analysis	6010B		5	146574	02/28/14 10:34	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146531	02/27/14 07:57	AJG	TAL TAM

Client Sample ID: SB-20 (0-0.5)

Lab Sample ID: 640-46968-6

Date Collected: 02/25/14 11:45
Date Received: 02/26/14 08:40

Matrix: Solid
Percent Solids: 78.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			146548	02/27/14 11:05	RAG	TAL TAM
Total/NA	Analysis	7471A		1	146557	02/27/14 14:16	RAG	TAL TAM
Total/NA	Prep	3050B			146527	02/27/14 09:30	GAF	TAL TAM
Total/NA	Analysis	6010B		5	146574	02/28/14 10:38	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146531	02/27/14 08:20	AJG	TAL TAM

Client Sample ID: SB-20 (0.5-2)

Lab Sample ID: 640-46968-7

Date Collected: 02/25/14 11:47
Date Received: 02/26/14 08:40

Matrix: Solid
Percent Solids: 82.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			146548	02/27/14 11:05	RAG	TAL TAM
Total/NA	Analysis	7471A		1	146557	02/27/14 14:18	RAG	TAL TAM
Total/NA	Prep	3050B			146527	02/27/14 09:30	GAF	TAL TAM
Total/NA	Analysis	6010B		5	146574	02/28/14 10:41	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146531	02/27/14 08:15	AJG	TAL TAM

Client Sample ID: SB-21 (0-0.5)

Lab Sample ID: 640-46968-8

Date Collected: 02/25/14 11:50
Date Received: 02/26/14 08:40

Matrix: Solid
Percent Solids: 76.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146527	02/27/14 09:30	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146574	02/28/14 09:44	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146531	02/27/14 08:41	AJG	TAL TAM

Client Sample ID: SB-21 (0.5-2)

Lab Sample ID: 640-46968-9

Date Collected: 02/25/14 11:52
Date Received: 02/26/14 08:40

Matrix: Solid
Percent Solids: 77.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146527	02/27/14 09:30	GAF	TAL TAM
Total/NA	Analysis	6010B		3	146574	02/28/14 10:51	GAF	TAL TAM

Lab Chronicle

Client: SCS ES Consultants
Project/Site: Curtis Park-Area #1 Baseball (Perimeter)

TestAmerica Job ID: 640-46968-1

Client Sample ID: SB-21 (0.5-2)

Lab Sample ID: 640-46968-9

Date Collected: 02/25/14 11:52
Matrix: Solid
Date Received: 02/26/14 08:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	146531	02/27/14 08:39	AJG	TAL TAM

Client Sample ID: SB-22 (0-0.5)

Lab Sample ID: 640-46968-10

Date Collected: 02/25/14 09:48
Matrix: Solid
Date Received: 02/26/14 08:40
Percent Solids: 93.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			146548	02/27/14 11:05	RAG	TAL TAM
Total/NA	Analysis	7471A		1	146557	02/27/14 14:23	RAG	TAL TAM
Total/NA	Prep	3050B			146527	02/27/14 09:30	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146574	02/28/14 09:51	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146531	02/27/14 08:51	AJG	TAL TAM

Client Sample ID: SB-22 (0.5-1.5)

Lab Sample ID: 640-46968-11

Date Collected: 02/25/14 09:50
Matrix: Solid
Date Received: 02/26/14 08:40
Percent Solids: 87.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			146548	02/27/14 11:05	RAG	TAL TAM
Total/NA	Analysis	7471A		1	146557	02/27/14 14:25	RAG	TAL TAM
Total/NA	Prep	3050B			146527	02/27/14 09:30	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146574	02/28/14 09:55	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146531	02/27/14 09:08	AJG	TAL TAM

Client Sample ID: SB-22 (1.5-2)

Lab Sample ID: 640-46968-12

Date Collected: 02/25/14 09:52
Matrix: Solid
Date Received: 02/26/14 08:40
Percent Solids: 83.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146527	02/27/14 09:30	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146574	02/28/14 09:59	GAF	TAL TAM
Total/NA	Prep	7471A			146628	03/03/14 08:55	RAG	TAL TAM
Total/NA	Analysis	7471A		1	146637	03/03/14 15:27	RAG	TAL TAM
Total/NA	Analysis	Moisture		1	146531	02/27/14 09:26	AJG	TAL TAM

Client Sample ID: SB-23 (0-0.5)

Lab Sample ID: 640-46968-13

Date Collected: 02/25/14 11:32
Matrix: Solid
Date Received: 02/26/14 08:40
Percent Solids: 90.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146527	02/27/14 09:30	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146574	02/28/14 10:09	GAF	TAL TAM

Lab Chronicle

Client: SCS ES Consultants
Project/Site: Curtis Park-Area #1 Baseball (Perimeter)

TestAmerica Job ID: 640-46968-1

Client Sample ID: SB-23 (0-0.5)

Lab Sample ID: 640-46968-13

Date Collected: 02/25/14 11:32
Matrix: Solid
Date Received: 02/26/14 08:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	146590	02/28/14 09:15	AJG	TAL TAM

Client Sample ID: SB-23 (0.5-2)

Lab Sample ID: 640-46968-14

Date Collected: 02/25/14 11:34
Matrix: Solid
Date Received: 02/26/14 08:40
Percent Solids: 85.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146527	02/27/14 09:30	GAF	TAL TAM
Total/NA	Analysis	6010B		5	146574	02/28/14 10:54	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146590	02/28/14 09:28	AJG	TAL TAM

Client Sample ID: SB-24 (0-0.5)

Lab Sample ID: 640-46968-15

Date Collected: 02/25/14 11:40
Matrix: Solid
Date Received: 02/26/14 08:40
Percent Solids: 80.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146527	02/27/14 09:30	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146574	02/28/14 10:16	GAF	TAL TAM
Total/NA	Prep	7471A			146628	03/03/14 08:55	RAG	TAL TAM
Total/NA	Analysis	7471A		1	146637	03/03/14 15:29	RAG	TAL TAM
Total/NA	Analysis	Moisture		1	146590	02/28/14 09:30	AJG	TAL TAM

Client Sample ID: SB-24 (0.5-2)

Lab Sample ID: 640-46968-16

Date Collected: 02/25/14 11:42
Matrix: Solid
Date Received: 02/26/14 08:40
Percent Solids: 82.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146527	02/27/14 09:30	GAF	TAL TAM
Total/NA	Analysis	6010B		8	146574	02/28/14 12:46	GAF	TAL TAM
Total/NA	Prep	7471A			146628	03/03/14 08:55	RAG	TAL TAM
Total/NA	Analysis	7471A		1	146637	03/03/14 15:31	RAG	TAL TAM
Total/NA	Analysis	Moisture		1	146590	02/28/14 09:48	AJG	TAL TAM

Client Sample ID: SB-25 (0-0.5)

Lab Sample ID: 640-46968-17

Date Collected: 02/25/14 11:15
Matrix: Solid
Date Received: 02/26/14 08:40
Percent Solids: 87.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146527	02/27/14 09:30	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146574	02/28/14 10:24	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146590	02/28/14 09:44	AJG	TAL TAM

Lab Chronicle

Client: SCS ES Consultants
Project/Site: Curtis Park-Area #1 Baseball (Perimeter)

TestAmerica Job ID: 640-46968-1

Client Sample ID: SB-25 (0.5-2)

Lab Sample ID: 640-46968-18

Date Collected: 02/25/14 11:17
Date Received: 02/26/14 08:40

Matrix: Solid
Percent Solids: 88.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146527	02/27/14 09:30	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146574	02/28/14 10:27	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146590	02/28/14 09:50	AJG	TAL TAM

Client Sample ID: SB-26 (0-0.5)

Lab Sample ID: 640-46968-19

Date Collected: 02/25/14 11:21
Date Received: 02/26/14 08:40

Matrix: Solid
Percent Solids: 75.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146597	03/03/14 07:00	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146626	03/03/14 11:49	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146590	02/28/14 10:13	AJG	TAL TAM

Client Sample ID: SB-26 (0.5-1)

Lab Sample ID: 640-46968-20

Date Collected: 02/25/14 11:23
Date Received: 02/26/14 08:40

Matrix: Solid
Percent Solids: 84.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146597	03/03/14 07:00	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146626	03/03/14 11:52	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146590	02/28/14 09:59	AJG	TAL TAM

Client Sample ID: SB-26 (1-2)

Lab Sample ID: 640-46968-21

Date Collected: 02/25/14 11:25
Date Received: 02/26/14 08:40

Matrix: Solid
Percent Solids: 78.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146597	03/03/14 07:00	GAF	TAL TAM
Total/NA	Analysis	6010B		10	146626	03/03/14 13:09	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146590	02/28/14 10:18	AJG	TAL TAM

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: SCS ES Consultants
TestAmerica Job ID: 640-46968-1
Project/Site: Curtis Park-Area #1 Baseball (Perimeter)

Laboratory: TestAmerica Tallahassee

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E81005	06-30-14
Georgia	State Program	4		06-30-14
Louisiana	NELAP	6	30663	06-30-14
New Jersey	NELAP	2	FL012	06-30-14
Texas	NELAP	6	T104704459-11-2	03-31-14 *
USDA	Federal		P330-08-00158	08-05-14

Laboratory: TestAmerica Tampa

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alabama	State Program	4	40610	06-30-14
Florida	NELAP	4	E84282	06-30-14
Georgia	State Program	4	905	06-30-14
USDA	Federal		P330-11-00177	04-20-14

* Expired certification is currently pending renewal and is considered valid.

Method Summary

Client: SCS ES Consultants
Project/Site: Curtis Park-Area #1 Baseball (Perimeter)

TestAmerica Job ID: 640-46968-1

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL TAM
7471A	Mercury (CVAA)	SW846	TAL TAM
Moisture	Percent Moisture	EPA	TAL TAM

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Sample Summary

Client: SCS ES Consultants
Project/Site: Curtis Park-Area #1 Baseball (Perimeter)

TestAmerica Job ID: 640-46968-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
640-46968-1	SB-18 (0-0.5)	Solid	02/25/14 10:02	02/26/14 08:40
640-46968-2	SB-18 (0.5-1.5)	Solid	02/25/14 10:04	02/26/14 08:40
640-46968-3	SB-18 (1.5-2)	Solid	02/25/14 10:06	02/26/14 08:40
640-46968-4	SB-19 (0-0.75)	Solid	02/25/14 12:56	02/26/14 08:40
640-46968-5	SB-19 (0.75-2)	Solid	02/25/14 12:58	02/26/14 08:40
640-46968-6	SB-20 (0-0.5)	Solid	02/25/14 11:45	02/26/14 08:40
640-46968-7	SB-20 (0.5-2)	Solid	02/25/14 11:47	02/26/14 08:40
640-46968-8	SB-21 (0-0.5)	Solid	02/25/14 11:50	02/26/14 08:40
640-46968-9	SB-21 (0.5-2)	Solid	02/25/14 11:52	02/26/14 08:40
640-46968-10	SB-22 (0-0.5)	Solid	02/25/14 09:48	02/26/14 08:40
640-46968-11	SB-22 (0.5-1.5)	Solid	02/25/14 09:50	02/26/14 08:40
640-46968-12	SB-22 (1.5-2)	Solid	02/25/14 09:52	02/26/14 08:40
640-46968-13	SB-23 (0-0.5)	Solid	02/25/14 11:32	02/26/14 08:40
640-46968-14	SB-23 (0.5-2)	Solid	02/25/14 11:34	02/26/14 08:40
640-46968-15	SB-24 (0-0.5)	Solid	02/25/14 11:40	02/26/14 08:40
640-46968-16	SB-24 (0.5-2)	Solid	02/25/14 11:42	02/26/14 08:40
640-46968-17	SB-25 (0-0.5)	Solid	02/25/14 11:15	02/26/14 08:40
640-46968-18	SB-25 (0.5-2)	Solid	02/25/14 11:17	02/26/14 08:40
640-46968-19	SB-26 (0-0.5)	Solid	02/25/14 11:21	02/26/14 08:40
640-46968-20	SB-26 (0.5-1)	Solid	02/25/14 11:23	02/26/14 08:40
640-46968-21	SB-26 (1-2)	Solid	02/25/14 11:25	02/26/14 08:40

TestAmerica Tallahassee
2846 Industrial Plaza Drive
Tallahassee, FL 32301
phone 850.878.3994 fax

Chain of Custody Record

AREA 1 - Baseball (Perimeter)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

3/4/2014

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Eddy Smith	Site Contact: Brittney Odom	Date:	COC No:
SCS Engineers	Tel/Fax:	Lab Contact: Amy Marks	Carrier:	____ of ____ COCs
7700 North Kendall Drive	Analysis Turnaround Time			Sampler:
Miami, Florida 33156	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
305.412.8185 Phone	TAT if different from Below ____			Walk-in Client:
305.412.8105 FAX	☐ 2 weeks			Lab Sampling:
Project Name: Curtis Park	☐ 1 week			Job / SDG No.: 640-46968
Site: 1901 NW 24th Ave, Miami, FL	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Metals 6010 (Sb, As, Ba, Cu, Pb, Fe)	Metals 6010/7471 (Cd, Cr, Hg, Se, Ag)	Dioxins (8290)	PCBs (8082)	Sample Specific Notes:
SB-18 (0-0.5)	25-Feb-14	10:02	C	So	2			X	X			
SB-18 (0.5-1.5)	"	10:04	C	So	2			X	X			
SB-18 (1.5-2)	"	10:06	C	So	2			X	X			
SB-19 (0-0.75)	"	12:56	C	So	2			X				
SB-19 (0.75-2)	"	12:58	C	So	2			X				
SB-20 (0-0.5)	"	11:45	C	So	2			X	X			
SB-20 (0.5-2)	"	11:47	C	So	2			X	X			
SB-21 (0-0.5)	"	10:50	C	So	2			X				
SB-21 (0.5-2)	"	11:52	C	So	2			X				
SB-22 (0-0.5)	"	9:48	C	So	2			X	X			
SB-22 (0.5-1.5)	"	9:50	C	So	2			X	X			
SB-22 (1.5-2)	"	9:52	C	So	2			X	X			

640-46968 Chain of Custody

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for ____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: ____ Corr'd: ____ | Therm ID No.: ____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	SCSES	25-Feb-14 1500	[signature]	TA	2/25/14 1500
Relinquished by: [signature]	Company:	Date/Time:	Received by: [signature]	Company: TA-Tampa	Date/Time: 2/26/14 0840
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

4.4 4.7° C GW07

TestAmerica Tallahassee
2846 Industrial Plaza Drive

Tallahassee, FL 32301
phone 850.878.3994 fax

Chain of Custody Record

AREA #1 - Baseball (Perimeter).

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

3/4/2014

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Eddy Smith	Site Contact: Brittney Odom	Date:	COC No:
SCS Engineers	Tel/Fax:	Lab Contact: Amy Marks	Carrier:	____ of ____ COCs
7700 North Kendall Drive	Analysis Turnaround Time			Sampler:
Miami, Florida 33156	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
305.412.8185 Phone	TAT if different from Below ____			Walk-in Client:
305.412.8105 FAX	☐ 2 weeks			Lab Sampling:
Project Name: Curtis Park	☐ 1 week			
Site: 1901 NW 24th Ave, Miami, FL	☐ 2 days			Job / SDG No.:
P O #	☐ 1 day			440-46968

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Metals 6010 (Sb, As, Ba, Cu, Pb, Fe)	Metals 6010/7471 (Cd, Cr, Hg, Se, Ag)	Dioxins (8290)	PCBs (8082)	Sample Specific Notes:
SB-23 (0-0.5)	25-Feb-14	11:32	C	So	2			X				
SB-23 (0.5-2)	"	11:34	C	So	2			X				
SB-24 (0-0.5)	"	11:40	C	So	2			X	X			
SB-24 (0.5-2)	"	11:42	C	So	2			X	X			
SB-25 (0-0.5)	"	11:15	C	So	2			X				
SB-25 (0.5-2)	"	11:17	C	So	2			X				
SB-26 (0-0.5)	"	11:21	C	So	2			X				
SB-26 (0.5-1)	"	11:23	C	So	2			X				
SB-26 (1-2)	"	11:25	C	So	2			X				

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for ____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: ____ Corr'd: ____ Therm ID No.: ____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Lw Pace	SCS ES	25-Feb-14 15:00		TA	2/25/14 1500
Relinquished by:	Company:	Date/Time:	Received by: Carol McNulty	Company: TA Tampa	Date/Time: 2/26/14 0840
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

4.4 4.7 C CM07

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tallahassee
2846 Industrial Plaza Drive
Tallahassee, FL 32301
Tel: (850)878-3994

TestAmerica Job ID: 640-46973-1
Client Project/Site: Curtis Park - Area #2 Baseball Field

For:
SCS ES Consultants
7700 N. Kendall Drive, Suite 300
Miami, Florida 33156

Attn: Mr. Bob Speed

Authorized for release by:
3/4/2014 1:29:17 PM

Amy Marks, Project Manager II
(850)878-3994
amy.marks@testamericainc.com

Table of Contents

Qualifiers

Metals

Qualifier	Qualifier Description
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
U	Indicates that the compound was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #2 Baseball Field

TestAmerica Job ID: 640-46973-1

Job ID: 640-46973-1

Laboratory: TestAmerica Tallahassee

Narrative

Job Narrative
640-46973-1

Comments
No additional comments.

Receipt
The samples were received on 2/26/2014 at 8:40 AM. The samples arrived in good condition, properly preserved, and on ice. The temperatures of the 2 coolers at receipt time were 4.4º C and 4.7º C.

Metals
Method 6010B: The following sample was diluted due to high levels of Iron in the matrix that caused an interference with target analytes: SB-27 (1.5-2) (640-46973-3). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #2 Baseball Field

TestAmerica Job ID: 640-46973-1

Client Sample ID: SB-27 (0-1) — Lab Sample ID: 640-46973-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	2.2	I	2.8	0.69	mg/Kg	1	☼	6010B	Total/NA
Arsenic	8.3		0.69	0.32	mg/Kg	1	☼	6010B	Total/NA
Barium	45		1.4	0.22	mg/Kg	1	☼	6010B	Total/NA
Copper	61		2.8	0.69	mg/Kg	1	☼	6010B	Total/NA
Iron	6700		6.9	4.2	mg/Kg	1	☼	6010B	Total/NA
Lead	150		0.69	0.21	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-27 (1-1.5) — Lab Sample ID: 640-46973-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	9.2		2.3	0.58	mg/Kg	1	☼	6010B	Total/NA
Arsenic	13		0.58	0.27	mg/Kg	1	☼	6010B	Total/NA
Barium	28		1.2	0.19	mg/Kg	1	☼	6010B	Total/NA
Copper	52		2.3	0.58	mg/Kg	1	☼	6010B	Total/NA
Iron	6500		5.8	3.5	mg/Kg	1	☼	6010B	Total/NA
Lead	150		0.58	0.17	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-27 (1.5-2) — Lab Sample ID: 640-46973-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	39		27	6.8	mg/Kg	10	☼	6010B	Total/NA
Arsenic	41		6.8	3.1	mg/Kg	10	☼	6010B	Total/NA
Barium	1500		14	2.2	mg/Kg	10	☼	6010B	Total/NA
Copper	3800		27	6.8	mg/Kg	10	☼	6010B	Total/NA
Iron	160000		68	41	mg/Kg	10	☼	6010B	Total/NA
Lead	3400		6.8	2.0	mg/Kg	10	☼	6010B	Total/NA

Client Sample ID: SB-28 (0-0.5) — Lab Sample ID: 640-46973-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	0.76	I	2.8	0.71	mg/Kg	1	☼	6010B	Total/NA
Arsenic	2.1		0.71	0.33	mg/Kg	1	☼	6010B	Total/NA
Barium	44		1.4	0.23	mg/Kg	1	☼	6010B	Total/NA
Copper	22		2.8	0.71	mg/Kg	1	☼	6010B	Total/NA
Iron	2900		7.1	4.3	mg/Kg	1	☼	6010B	Total/NA
Lead	34		0.71	0.21	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-28 (0.5-2) — Lab Sample ID: 640-46973-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	16		2.6	0.65	mg/Kg	1	☼	6010B	Total/NA
Arsenic	17		0.65	0.30	mg/Kg	1	☼	6010B	Total/NA
Barium	590		1.3	0.21	mg/Kg	1	☼	6010B	Total/NA
Copper	870		2.6	0.65	mg/Kg	1	☼	6010B	Total/NA
Iron	24000		6.5	3.9	mg/Kg	1	☼	6010B	Total/NA
Lead	490		0.65	0.19	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-29 (0-1) — Lab Sample ID: 640-46973-6

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #2 Baseball Field

TestAmerica Job ID: 640-46973-1

Client Sample ID: SB-29 (0-1) (Continued) — Lab Sample ID: 640-46973-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	1.9	I	2.6	0.64	mg/Kg	1	☼	6010B	Total/NA
Arsenic	7.8		0.64	0.29	mg/Kg	1	☼	6010B	Total/NA
Barium	50		1.3	0.20	mg/Kg	1	☼	6010B	Total/NA
Copper	52		2.6	0.64	mg/Kg	1	☼	6010B	Total/NA
Iron	7500		6.4	3.8	mg/Kg	1	☼	6010B	Total/NA
Lead	140		0.64	0.19	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-29 (1-2) — Lab Sample ID: 640-46973-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	2.0	I	2.4	0.60	mg/Kg	1	☼	6010B	Total/NA
Arsenic	11		0.60	0.27	mg/Kg	1	☼	6010B	Total/NA
Barium	36		1.2	0.19	mg/Kg	1	☼	6010B	Total/NA
Copper	50		2.4	0.60	mg/Kg	1	☼	6010B	Total/NA
Iron	10000		6.0	3.6	mg/Kg	1	☼	6010B	Total/NA
Lead	170		0.60	0.18	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-30 (0-1) — Lab Sample ID: 640-46973-8

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	13		0.58	0.27	mg/Kg	1	☼	6010B	Total/NA
Barium	6.6		1.2	0.18	mg/Kg	1	☼	6010B	Total/NA
Copper	5.0		2.3	0.58	mg/Kg	1	☼	6010B	Total/NA
Iron	10000		5.8	3.5	mg/Kg	1	☼	6010B	Total/NA
Lead	12		0.58	0.17	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-30 (1-2) — Lab Sample ID: 640-46973-9

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	8.0		2.3	0.58	mg/Kg	1	☼	6010B	Total/NA
Arsenic	120		0.58	0.27	mg/Kg	1	☼	6010B	Total/NA
Barium	120		1.2	0.19	mg/Kg	1	☼	6010B	Total/NA
Copper	240		2.3	0.58	mg/Kg	1	☼	6010B	Total/NA
Iron	15000		5.8	3.5	mg/Kg	1	☼	6010B	Total/NA
Lead	300		0.58	0.17	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-31 (0-1) — Lab Sample ID: 640-46973-10

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	0.86	I	2.2	0.56	mg/Kg	1	☼	6010B	Total/NA
Arsenic	21		0.56	0.26	mg/Kg	1	☼	6010B	Total/NA
Barium	26		1.1	0.18	mg/Kg	1	☼	6010B	Total/NA
Copper	40		2.2	0.56	mg/Kg	1	☼	6010B	Total/NA
Iron	7300		5.6	3.3	mg/Kg	1	☼	6010B	Total/NA
Lead	70		0.56	0.17	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-31 (1-2) — Lab Sample ID: 640-46973-11

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	3.2		2.3	0.58	mg/Kg	1	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #2 Baseball Field

TestAmerica Job ID: 640-46973-1

Client Sample ID: SB-31 (1-2) (Continued)

Lab Sample ID: 640-46973-11

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	16		0.58	0.27	mg/Kg	1	☼	6010B	Total/NA
Barium	84		1.2	0.19	mg/Kg	1	☼	6010B	Total/NA
Copper	140		2.3	0.58	mg/Kg	1	☼	6010B	Total/NA
Iron	16000		5.8	3.5	mg/Kg	1	☼	6010B	Total/NA
Lead	340		0.58	0.17	mg/Kg	1	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #2 Baseball Field

TestAmerica Job ID: 640-46973-1

Client Sample ID: SB-27 (0-1)
Date Collected: 02/25/14 10:27
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46973-1
Matrix: Solid
Percent Solids: 72.2

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.2	I	2.8	0.69	mg/Kg	☼	02/27/14 08:30	02/28/14 11:22	1
Arsenic	8.3		0.69	0.32	mg/Kg	☼	02/27/14 08:30	02/28/14 11:22	1
Barium	45		1.4	0.22	mg/Kg	☼	02/27/14 08:30	02/28/14 11:22	1
Copper	61		2.8	0.69	mg/Kg	☼	02/27/14 08:30	02/28/14 11:22	1
Iron	6700		6.9	4.2	mg/Kg	☼	02/27/14 08:30	02/28/14 11:22	1
Lead	150		0.69	0.21	mg/Kg	☼	02/27/14 08:30	02/28/14 11:22	1

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #2 Baseball Field

TestAmerica Job ID: 640-46973-1

Client Sample ID: SB-27 (1-1.5)
Date Collected: 02/25/14 10:29
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46973-2
Matrix: Solid
Percent Solids: 87.9

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	9.2		2.3	0.58	mg/Kg	☼	02/27/14 08:30	02/28/14 11:36	1
Arsenic	13		0.58	0.27	mg/Kg	☼	02/27/14 08:30	02/28/14 11:36	1
Barium	28		1.2	0.19	mg/Kg	☼	02/27/14 08:30	02/28/14 11:36	1
Copper	52		2.3	0.58	mg/Kg	☼	02/27/14 08:30	02/28/14 11:36	1
Iron	6500		5.8	3.5	mg/Kg	☼	02/27/14 08:30	02/28/14 11:36	1
Lead	150		0.58	0.17	mg/Kg	☼	02/27/14 08:30	02/28/14 11:36	1

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #2 Baseball Field

TestAmerica Job ID: 640-46973-1

Client Sample ID: SB-27 (1.5-2)
Date Collected: 02/25/14 10:31
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46973-3
Matrix: Solid
Percent Solids: 75.2

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	39		27	6.8	mg/Kg	☼	02/27/14 08:30	02/28/14 13:03	10
Arsenic	41		6.8	3.1	mg/Kg	☼	02/27/14 08:30	02/28/14 13:03	10
Barium	1500		14	2.2	mg/Kg	☼	02/27/14 08:30	02/28/14 13:03	10
Copper	3800		27	6.8	mg/Kg	☼	02/27/14 08:30	02/28/14 13:03	10
Iron	160000		68	41	mg/Kg	☼	02/27/14 08:30	02/28/14 13:03	10
Lead	3400		6.8	2.0	mg/Kg	☼	02/27/14 08:30	02/28/14 13:03	10

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #2 Baseball Field

TestAmerica Job ID: 640-46973-1

Client Sample ID: SB-28 (0-0.5)
Date Collected: 02/25/14 10:36
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46973-4
Matrix: Solid
Percent Solids: 69.9

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.76	I	2.8	0.71	mg/Kg	☼	02/27/14 08:30	02/28/14 11:44	1
Arsenic	2.1		0.71	0.33	mg/Kg	☼	02/27/14 08:30	02/28/14 11:44	1
Barium	44		1.4	0.23	mg/Kg	☼	02/27/14 08:30	02/28/14 11:44	1
Copper	22		2.8	0.71	mg/Kg	☼	02/27/14 08:30	02/28/14 11:44	1
Iron	2900		7.1	4.3	mg/Kg	☼	02/27/14 08:30	02/28/14 11:44	1
Lead	34		0.71	0.21	mg/Kg	☼	02/27/14 08:30	02/28/14 11:44	1

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #2 Baseball Field

TestAmerica Job ID: 640-46973-1

Client Sample ID: SB-28 (0.5-2)
Date Collected: 02/25/14 10:38
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46973-5
Matrix: Solid
Percent Solids: 78.6

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	16		2.6	0.65	mg/Kg	☼	02/27/14 08:30	02/28/14 11:54	1
Arsenic	17		0.65	0.30	mg/Kg	☼	02/27/14 08:30	02/28/14 11:54	1
Barium	590		1.3	0.21	mg/Kg	☼	02/27/14 08:30	02/28/14 11:54	1
Copper	870		2.6	0.65	mg/Kg	☼	02/27/14 08:30	02/28/14 11:54	1
Iron	24000		6.5	3.9	mg/Kg	☼	02/27/14 08:30	02/28/14 11:54	1
Lead	490		0.65	0.19	mg/Kg	☼	02/27/14 08:30	02/28/14 11:54	1

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #2 Baseball Field

TestAmerica Job ID: 640-46973-1

Client Sample ID: SB-29 (0-1)
Date Collected: 02/25/14 10:43
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46973-6
Matrix: Solid
Percent Solids: 79.7

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.9	I	2.6	0.64	mg/Kg	☼	02/27/14 08:30	02/28/14 11:57	1
Arsenic	7.8		0.64	0.29	mg/Kg	☼	02/27/14 08:30	02/28/14 11:57	1
Barium	50		1.3	0.20	mg/Kg	☼	02/27/14 08:30	02/28/14 11:57	1
Copper	52		2.6	0.64	mg/Kg	☼	02/27/14 08:30	02/28/14 11:57	1
Iron	7500		6.4	3.8	mg/Kg	☼	02/27/14 08:30	02/28/14 11:57	1
Lead	140		0.64	0.19	mg/Kg	☼	02/27/14 08:30	02/28/14 11:57	1

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #2 Baseball Field

TestAmerica Job ID: 640-46973-1

Client Sample ID: SB-29 (1-2)
Date Collected: 02/25/14 10:45
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46973-7
Matrix: Solid
Percent Solids: 83.1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.0	I	2.4	0.60	mg/Kg	☼	02/27/14 08:30	02/28/14 12:01	1
Arsenic	11		0.60	0.27	mg/Kg	☼	02/27/14 08:30	02/28/14 12:01	1
Barium	36		1.2	0.19	mg/Kg	☼	02/27/14 08:30	02/28/14 12:01	1
Copper	50		2.4	0.60	mg/Kg	☼	02/27/14 08:30	02/28/14 12:01	1
Iron	10000		6.0	3.6	mg/Kg	☼	02/27/14 08:30	02/28/14 12:01	1
Lead	170		0.60	0.18	mg/Kg	☼	02/27/14 08:30	02/28/14 12:01	1

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #2 Baseball Field

TestAmerica Job ID: 640-46973-1

Client Sample ID: SB-30 (0-1)
Date Collected: 02/25/14 10:52
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46973-8
Matrix: Solid
Percent Solids: 89.3

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.58	U	2.3	0.58	mg/Kg	☼	02/27/14 08:30	02/28/14 12:04	1
Arsenic	**13**		0.58	0.27	mg/Kg	☼	02/27/14 08:30	02/28/14 12:04	1
Barium	**6.6**		1.2	0.18	mg/Kg	☼	02/27/14 08:30	02/28/14 12:04	1
Copper	**5.0**		2.3	0.58	mg/Kg	☼	02/27/14 08:30	02/28/14 12:04	1
Iron	**10000**		5.8	3.5	mg/Kg	☼	02/27/14 08:30	02/28/14 12:04	1
Lead	**12**		0.58	0.17	mg/Kg	☼	02/27/14 08:30	02/28/14 12:04	1

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #2 Baseball Field

TestAmerica Job ID: 640-46973-1

Client Sample ID: SB-30 (1-2)
Date Collected: 02/25/14 10:54
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46973-9
Matrix: Solid
Percent Solids: 85.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	8.0		2.3	0.58	mg/Kg	☼	02/27/14 08:30	02/28/14 12:08	1
Arsenic	120		0.58	0.27	mg/Kg	☼	02/27/14 08:30	02/28/14 12:08	1
Barium	120		1.2	0.19	mg/Kg	☼	02/27/14 08:30	02/28/14 12:08	1
Copper	240		2.3	0.58	mg/Kg	☼	02/27/14 08:30	02/28/14 12:08	1
Iron	15000		5.8	3.5	mg/Kg	☼	02/27/14 08:30	02/28/14 12:08	1
Lead	300		0.58	0.17	mg/Kg	☼	02/27/14 08:30	02/28/14 12:08	1

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #2 Baseball Field

TestAmerica Job ID: 640-46973-1

Client Sample ID: SB-31 (0-1)
Date Collected: 02/25/14 11:02
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46973-10
Matrix: Solid
Percent Solids: 87.3

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.86	I	2.2	0.56	mg/Kg	☼	02/27/14 08:30	02/28/14 12:11	1
Arsenic	21		0.56	0.26	mg/Kg	☼	02/27/14 08:30	02/28/14 12:11	1
Barium	26		1.1	0.18	mg/Kg	☼	02/27/14 08:30	02/28/14 12:11	1
Copper	40		2.2	0.56	mg/Kg	☼	02/27/14 08:30	02/28/14 12:11	1
Iron	7300		5.6	3.3	mg/Kg	☼	02/27/14 08:30	02/28/14 12:11	1
Lead	70		0.56	0.17	mg/Kg	☼	02/27/14 08:30	02/28/14 12:11	1

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #2 Baseball Field

TestAmerica Job ID: 640-46973-1

Client Sample ID: SB-31 (1-2)
Date Collected: 02/25/14 11:04
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46973-11
Matrix: Solid
Percent Solids: 85.8

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	3.2		2.3	0.58	mg/Kg	☼	02/27/14 08:30	02/28/14 12:15	1
Arsenic	16		0.58	0.27	mg/Kg	☼	02/27/14 08:30	02/28/14 12:15	1
Barium	84		1.2	0.19	mg/Kg	☼	02/27/14 08:30	02/28/14 12:15	1
Copper	140		2.3	0.58	mg/Kg	☼	02/27/14 08:30	02/28/14 12:15	1
Iron	16000		5.8	3.5	mg/Kg	☼	02/27/14 08:30	02/28/14 12:15	1
Lead	340		0.58	0.17	mg/Kg	☼	02/27/14 08:30	02/28/14 12:15	1

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 660-146523/1-A
Matrix: Solid
Analysis Batch: 146574

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 146523

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.50	U	2.0	0.50	mg/Kg		02/27/14 08:30	02/28/14 11:12	1
Arsenic	0.23	U	0.50	0.23	mg/Kg		02/27/14 08:30	02/28/14 11:12	1
Barium	0.16	U	1.0	0.16	mg/Kg		02/27/14 08:30	02/28/14 11:12	1
Copper	0.50	U	2.0	0.50	mg/Kg		02/27/14 08:30	02/28/14 11:12	1
Iron	3.0	U	5.0	3.0	mg/Kg		02/27/14 08:30	02/28/14 11:12	1
Lead	0.15	U	0.50	0.15	mg/Kg		02/27/14 08:30	02/28/14 11:12	1

Lab Sample ID: LCS 660-146523/2-A
Matrix: Solid
Analysis Batch: 146574

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 146523

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	50.0	48.6		mg/Kg		97	75 - 125
Arsenic	50.0	48.5		mg/Kg		97	75 - 125
Barium	50.0	49.1		mg/Kg		98	75 - 125
Copper	50.0	51.4		mg/Kg		103	75 - 125
Iron	50.0	51.7		mg/Kg		103	75 - 125
Lead	50.0	49.6		mg/Kg		99	75 - 125

Lab Sample ID: 640-46973-1 MS
Matrix: Solid
Analysis Batch: 146574

Client Sample ID: SB-27 (0-1)
Prep Type: Total/NA
Prep Batch: 146523

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	2.2	I	70.0	64.7		mg/Kg	☼	89	75 - 125
Arsenic	8.3		70.0	73.6		mg/Kg	☼	93	75 - 125
Barium	45		70.0	113		mg/Kg	☼	96	75 - 125
Copper	61		70.0	134		mg/Kg	☼	105	75 - 125
Iron	6700		70.0	7350	J3	mg/Kg	☼	873	75 - 125
Lead	150		70.0	220		mg/Kg	☼	100	75 - 125

Lab Sample ID: 640-46973-1 MSD
Matrix: Solid
Analysis Batch: 146574

Client Sample ID: SB-27 (0-1)
Prep Type: Total/NA
Prep Batch: 146523

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	2.2	I	67.9	68.5		mg/Kg	☼	98	75 - 125	6	20
Arsenic	8.3		67.9	77.3		mg/Kg	☼	102	75 - 125	5	20
Barium	45		67.9	110		mg/Kg	☼	95	75 - 125	2	20
Copper	61		67.9	139		mg/Kg	☼	115	75 - 125	4	20
Iron	6700		67.9	6090	J3	mg/Kg	☼	-952	75 - 125	19	20
Lead	150		67.9	234		mg/Kg	☼	123	75 - 125	6	20

Metals

Prep Batch: 146523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46973-1	SB-27 (0-1)	Total/NA	Solid	3050B	
640-46973-1 MS	SB-27 (0-1)	Total/NA	Solid	3050B	
640-46973-1 MSD	SB-27 (0-1)	Total/NA	Solid	3050B	
640-46973-2	SB-27 (1-1.5)	Total/NA	Solid	3050B	
640-46973-3	SB-27 (1.5-2)	Total/NA	Solid	3050B	
640-46973-4	SB-28 (0-0.5)	Total/NA	Solid	3050B	
640-46973-5	SB-28 (0.5-2)	Total/NA	Solid	3050B	
640-46973-6	SB-29 (0-1)	Total/NA	Solid	3050B	
640-46973-7	SB-29 (1-2)	Total/NA	Solid	3050B	
640-46973-8	SB-30 (0-1)	Total/NA	Solid	3050B	
640-46973-9	SB-30 (1-2)	Total/NA	Solid	3050B	
640-46973-10	SB-31 (0-1)	Total/NA	Solid	3050B	
640-46973-11	SB-31 (1-2)	Total/NA	Solid	3050B	
LCS 660-146523/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 660-146523/1-A	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 146574

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46973-1	SB-27 (0-1)	Total/NA	Solid	6010B	146523
640-46973-1 MS	SB-27 (0-1)	Total/NA	Solid	6010B	146523
640-46973-1 MSD	SB-27 (0-1)	Total/NA	Solid	6010B	146523
640-46973-2	SB-27 (1-1.5)	Total/NA	Solid	6010B	146523
640-46973-3	SB-27 (1.5-2)	Total/NA	Solid	6010B	146523
640-46973-4	SB-28 (0-0.5)	Total/NA	Solid	6010B	146523
640-46973-5	SB-28 (0.5-2)	Total/NA	Solid	6010B	146523
640-46973-6	SB-29 (0-1)	Total/NA	Solid	6010B	146523
640-46973-7	SB-29 (1-2)	Total/NA	Solid	6010B	146523
640-46973-8	SB-30 (0-1)	Total/NA	Solid	6010B	146523
640-46973-9	SB-30 (1-2)	Total/NA	Solid	6010B	146523
640-46973-10	SB-31 (0-1)	Total/NA	Solid	6010B	146523
640-46973-11	SB-31 (1-2)	Total/NA	Solid	6010B	146523
LCS 660-146523/2-A	Lab Control Sample	Total/NA	Solid	6010B	146523
MB 660-146523/1-A	Method Blank	Total/NA	Solid	6010B	146523

General Chemistry

Analysis Batch: 146531

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46973-1	SB-27 (0-1)	Total/NA	Solid	Moisture	

Analysis Batch: 146547

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46973-2	SB-27 (1-1.5)	Total/NA	Solid	Moisture	
640-46973-2 DU	SB-27 (1-1.5)	Total/NA	Solid	Moisture	
640-46973-3	SB-27 (1.5-2)	Total/NA	Solid	Moisture	
640-46973-4	SB-28 (0-0.5)	Total/NA	Solid	Moisture	
640-46973-5	SB-28 (0.5-2)	Total/NA	Solid	Moisture	
640-46973-6	SB-29 (0-1)	Total/NA	Solid	Moisture	
640-46973-7	SB-29 (1-2)	Total/NA	Solid	Moisture	
640-46973-8	SB-30 (0-1)	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 146547 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46973-9	SB-30 (1-2)	Total/NA	Solid	Moisture	
640-46973-10	SB-31 (0-1)	Total/NA	Solid	Moisture	
640-46973-11	SB-31 (1-2)	Total/NA	Solid	Moisture	

Lab Chronicle

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #2 Baseball Field

TestAmerica Job ID: 640-46973-1

Client Sample ID: SB-27 (0-1)

Lab Sample ID: 640-46973-1
Date Collected: 02/25/14 10:27
Matrix: Solid
Date Received: 02/26/14 08:40
Percent Solids: 72.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146523	02/27/14 08:30	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146574	02/28/14 11:22	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146531	02/27/14 09:47	AJG	TAL TAM

Client Sample ID: SB-27 (1-1.5)

Lab Sample ID: 640-46973-2
Date Collected: 02/25/14 10:29
Matrix: Solid
Date Received: 02/26/14 08:40
Percent Solids: 87.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146523	02/27/14 08:30	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146574	02/28/14 11:36	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146547	02/27/14 10:28	AJG	TAL TAM

Client Sample ID: SB-27 (1.5-2)

Lab Sample ID: 640-46973-3
Date Collected: 02/25/14 10:31
Matrix: Solid
Date Received: 02/26/14 08:40
Percent Solids: 75.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146523	02/27/14 08:30	GAF	TAL TAM
Total/NA	Analysis	6010B		10	146574	02/28/14 13:03	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146547	02/27/14 10:51	AJG	TAL TAM

Client Sample ID: SB-28 (0-0.5)

Lab Sample ID: 640-46973-4
Date Collected: 02/25/14 10:36
Matrix: Solid
Date Received: 02/26/14 08:40
Percent Solids: 69.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146523	02/27/14 08:30	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146574	02/28/14 11:44	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146547	02/27/14 10:54	AJG	TAL TAM

Client Sample ID: SB-28 (0.5-2)

Lab Sample ID: 640-46973-5
Date Collected: 02/25/14 10:38
Matrix: Solid
Date Received: 02/26/14 08:40
Percent Solids: 78.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146523	02/27/14 08:30	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146574	02/28/14 11:54	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146547	02/27/14 11:08	AJG	TAL TAM

Lab Chronicle

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #2 Baseball Field

TestAmerica Job ID: 640-46973-1

Client Sample ID: SB-29 (0-1)

Lab Sample ID: 640-46973-6
Date Collected: 02/25/14 10:43
Matrix: Solid
Date Received: 02/26/14 08:40
Percent Solids: 79.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146523	02/27/14 08:30	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146574	02/28/14 11:57	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146547	02/27/14 11:05	AJG	TAL TAM

Client Sample ID: SB-29 (1-2)

Lab Sample ID: 640-46973-7
Date Collected: 02/25/14 10:45
Matrix: Solid
Date Received: 02/26/14 08:40
Percent Solids: 83.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146523	02/27/14 08:30	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146574	02/28/14 12:01	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146547	02/27/14 11:38	AJG	TAL TAM

Client Sample ID: SB-30 (0-1)

Lab Sample ID: 640-46973-8
Date Collected: 02/25/14 10:52
Matrix: Solid
Date Received: 02/26/14 08:40
Percent Solids: 89.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146523	02/27/14 08:30	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146574	02/28/14 12:04	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146547	02/27/14 11:32	AJG	TAL TAM

Client Sample ID: SB-30 (1-2)

Lab Sample ID: 640-46973-9
Date Collected: 02/25/14 10:54
Matrix: Solid
Date Received: 02/26/14 08:40
Percent Solids: 85.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146523	02/27/14 08:30	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146574	02/28/14 12:08	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146547	02/27/14 11:44	AJG	TAL TAM

Client Sample ID: SB-31 (0-1)

Lab Sample ID: 640-46973-10
Date Collected: 02/25/14 11:02
Matrix: Solid
Date Received: 02/26/14 08:40
Percent Solids: 87.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146523	02/27/14 08:30	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146574	02/28/14 12:11	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146547	02/27/14 11:55	AJG	TAL TAM

Lab Chronicle

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #2 Baseball Field

TestAmerica Job ID: 640-46973-1

Client Sample ID: SB-31 (1-2)
Date Collected: 02/25/14 11:04
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46973-11
Matrix: Solid
Percent Solids: 85.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146523	02/27/14 08:30	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146574	02/28/14 12:15	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146547	02/27/14 11:54	AJG	TAL TAM

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #2 Baseball Field

TestAmerica Job ID: 640-46973-1

Laboratory: TestAmerica Tallahassee

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E81005	06-30-14
Georgia	State Program	4		06-30-14
Louisiana	NELAP	6	30663	06-30-14
New Jersey	NELAP	2	FL012	06-30-14
Texas	NELAP	6	T104704459-11-2	03-31-14
USDA	Federal		P330-08-00158	08-05-14

Laboratory: TestAmerica Tampa

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alabama	State Program	4	40610	06-30-14
Florida	NELAP	4	E84282	06-30-14
Georgia	State Program	4	905	06-30-14
USDA	Federal		P330-11-00177	04-20-14

Method Summary

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #2 Baseball Field

TestAmerica Job ID: 640-46973-1

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL TAM
Moisture	Percent Moisture	EPA	TAL TAM

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Sample Summary

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #2 Baseball Field

TestAmerica Job ID: 640-46973-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
640-46973-1	SB-27 (0-1)	Solid	02/25/14 10:27	02/26/14 08:40
640-46973-2	SB-27 (1-1.5)	Solid	02/25/14 10:29	02/26/14 08:40
640-46973-3	SB-27 (1.5-2)	Solid	02/25/14 10:31	02/26/14 08:40
640-46973-4	SB-28 (0-0.5)	Solid	02/25/14 10:36	02/26/14 08:40
640-46973-5	SB-28 (0.5-2)	Solid	02/25/14 10:38	02/26/14 08:40
640-46973-6	SB-29 (0-1)	Solid	02/25/14 10:43	02/26/14 08:40
640-46973-7	SB-29 (1-2)	Solid	02/25/14 10:45	02/26/14 08:40
640-46973-8	SB-30 (0-1)	Solid	02/25/14 10:52	02/26/14 08:40
640-46973-9	SB-30 (1-2)	Solid	02/25/14 10:54	02/26/14 08:40
640-46973-10	SB-31 (0-1)	Solid	02/25/14 11:02	02/26/14 08:40
640-46973-11	SB-31 (1-2)	Solid	02/25/14 11:04	02/26/14 08:40

TestAmerica Tallahassee
2846 Industrial Plaza Drive

Tallahassee, FL 32301
phone 850.878.3994 fax

Chain of Custody Record

AREA #2 - Baseball Field

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

3/4/2014

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Eddy Smith	Site Contact: Brittney Odom	Date:	COC No:
SCS Engineers	Tel/Fax:	Lab Contact: Amy Marks	Carrier:	_____ of _____ COCs
7700 North Kendall Drive	**Analysis Turnaround Time**			Sampler:
Miami, Florida 33156	☐ CALENDAR DAYS ☐ WORKING DAYS			**For Lab Use Only:**
305.412.8185 Phone	TAT if different from Below _____			Walk-in Client:
305.412.8105 FAX	☐ 2 weeks			Lab Sampling:
Project Name: Curtis Park	☐ 1 week			
Site: 1901 NW 24th Ave, Miami, FL	☐ 2 days			Job / SDG No.:
P O #	☐ 1 day			640-46973

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Metals 6010 (Sb, Ag, Ba, Cu, Pb, Fe)	Metals 6010/7471 (Cd, Cr, Hg, Se, Ag)	Dioxins (8290)	PCBs (8082)	Sample Specific Notes:
SB-27 (0-1)	25-Feb-14	10:27	C	So	2			X				
SB-27 (1-1.5)	"	10:29	C	So	2			X				
SB-27 (1.5-2)	"	10:31	C	So	2			X				
SB-28 (0.5-0.5)	"	10:36	C	So	2			X				
SB-28 (0.5-2)	"	10:38	C	So	2			X				
SB-29 (0-1)	"	10:43	C	So	2			X				
SB-29 (1-2)	"	10:45	C	So	2			X				
SB-30 (0-1)	"	10:52	C	So	2			X				
SB-30 (1-2)	"	10:54	C	So	2			X				
SB-31 (0-1)	"	11:02	C	So	2			X				
SB-31 (1-2)	"	11:04	C	So	2			X				

640-46973 Chain of Custody

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for_____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ | Therm ID No.:_____

	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by: V.Dags	SCS ES	25-Feb-14 15:00		TA	2/25/15 1500
Relinquished by:	Company:	Date/Time:	Received by: Carl McMullen	Company: TA Tampa	Date/Time: 2/26/14 0840
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

U.4 U.7° C cu07

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tallahassee
2846 Industrial Plaza Drive
Tallahassee, FL 32301
Tel: (850)878-3994

TestAmerica Job ID: 640-47006-1
Client Project/Site: Curtis Park - Area 3 Playground

For:
SCS ES Consultants
7700 N. Kendall Drive, Suite 300
Miami, Florida 33156

Attn: Mr. Bob Speed

Authorized for release by:
3/5/2014 4:02:57 PM

Amy Marks, Project Manager II
(850)878-3994
amy.marks@testamericainc.com

Table of Contents

Definitions/Glossary

Client: SCS ES Consultants
Project/Site: Curtis Park - Area 3 Playground

TestAmerica Job ID: 640-47006-1

Qualifiers

Metals

Qualifier	Qualifier Description
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
U	Indicates that the compound was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: SCS ES Consultants
Project/Site: Curtis Park - Area 3 Playground

TestAmerica Job ID: 640-47006-1

Job ID: 640-47006-1

Laboratory: TestAmerica Tallahassee

Narrative

Job Narrative
640-47006-1

Comments
No additional comments.

Receipt
The samples were received on 2/27/2014 at 9:05 AM. The samples arrived in good condition, properly preserved, and on ice. The temperatures of the 2 coolers at receipt time were 2.0º C and 4.3º C.

Metals
Method 6010B: The method blank (MB) associated with batch 146583 contained Chromium above the method detection limit (MDL). This target analyte concentration was less than the practical quantitation limit (PQL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6010B: The following samples were diluted due to high levels of Iron in the matrix that caused an interference with target analytes: SB-32 (1-2) (640-47006-3), SB-33 (1-2) (640-47006-6), and SB-34 (1-2) (640-47006-9), SB-35 (1.25-2) (640-47006-12). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: SCS ES Consultants
Project/Site: Curtis Park - Area 3 Playground

TestAmerica Job ID: 640-47006-1

Client Sample ID: SB-32 (0-0.5) — Lab Sample ID: 640-47006-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	3.0		2.3	0.58	mg/Kg	1	☼	6010B	Total/NA
Arsenic	5.6		0.58	0.27	mg/Kg	1	☼	6010B	Total/NA
Barium	87		1.2	0.19	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.48	I	0.58	0.10	mg/Kg	1	☼	6010B	Total/NA
Chromium	14		1.2	0.20	mg/Kg	1	☼	6010B	Total/NA
Copper	55		2.3	0.58	mg/Kg	1	☼	6010B	Total/NA
Iron	8600		5.8	3.5	mg/Kg	1	☼	6010B	Total/NA
Lead	210		0.58	0.17	mg/Kg	1	☼	6010B	Total/NA
Silver	0.38	I	1.2	0.22	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.029	I	0.034	0.013	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB-32 (0.5-1) — Lab Sample ID: 640-47006-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	64		2.1	0.54	mg/Kg	1	☼	6010B	Total/NA
Arsenic	21		0.54	0.25	mg/Kg	1	☼	6010B	Total/NA
Barium	98		1.1	0.17	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.60		0.54	0.093	mg/Kg	1	☼	6010B	Total/NA
Chromium	18		1.1	0.18	mg/Kg	1	☼	6010B	Total/NA
Copper	220		2.1	0.54	mg/Kg	1	☼	6010B	Total/NA
Iron	10000		5.4	3.2	mg/Kg	1	☼	6010B	Total/NA
Lead	310		0.54	0.16	mg/Kg	1	☼	6010B	Total/NA
Silver	0.50	I	1.1	0.20	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.029	I	0.030	0.012	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB-32 (1-2) — Lab Sample ID: 640-47006-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	20		12	2.9	mg/Kg	5	☼	6010B	Total/NA
Arsenic	39		2.9	1.3	mg/Kg	5	☼	6010B	Total/NA
Barium	2600		5.8	0.92	mg/Kg	5	☼	6010B	Total/NA
Cadmium	5.9		2.9	0.50	mg/Kg	5	☼	6010B	Total/NA
Chromium	72		5.8	0.98	mg/Kg	5	☼	6010B	Total/NA
Copper	890		12	2.9	mg/Kg	5	☼	6010B	Total/NA
Iron	98000		29	17	mg/Kg	5	☼	6010B	Total/NA
Lead	3500		2.9	0.86	mg/Kg	5	☼	6010B	Total/NA
Silver	6.0		5.8	1.1	mg/Kg	5	☼	6010B	Total/NA
Mercury	0.060		0.033	0.013	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB-33 (0-0.5) — Lab Sample ID: 640-47006-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.5		0.49	0.23	mg/Kg	1	☼	6010B	Total/NA
Barium	12		0.98	0.16	mg/Kg	1	☼	6010B	Total/NA
Copper	9.0		2.0	0.49	mg/Kg	1	☼	6010B	Total/NA
Iron	1600		4.9	2.9	mg/Kg	1	☼	6010B	Total/NA
Lead	30		0.49	0.15	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-33 (0.5-1) — Lab Sample ID: 640-47006-5

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: SCS ES Consultants
Project/Site: Curtis Park - Area 3 Playground

TestAmerica Job ID: 640-47006-1

Client Sample ID: SB-33 (0.5-1) (Continued) — Lab Sample ID: 640-47006-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	6.3		2.2	0.54	mg/Kg	1	☼	6010B	Total/NA
Arsenic	9.7		0.54	0.25	mg/Kg	1	☼	6010B	Total/NA
Barium	380		1.1	0.17	mg/Kg	1	☼	6010B	Total/NA
Copper	180		2.2	0.54	mg/Kg	1	☼	6010B	Total/NA
Iron	16000		5.4	3.3	mg/Kg	1	☼	6010B	Total/NA
Lead	1500		0.54	0.16	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-33 (1-2) — Lab Sample ID: 640-47006-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	14		11	2.6	mg/Kg	5	☼	6010B	Total/NA
Arsenic	20		2.6	1.2	mg/Kg	5	☼	6010B	Total/NA
Barium	730		5.3	0.84	mg/Kg	5	☼	6010B	Total/NA
Copper	1000		11	2.6	mg/Kg	5	☼	6010B	Total/NA
Iron	50000		26	16	mg/Kg	5	☼	6010B	Total/NA
Lead	3000		2.6	0.79	mg/Kg	5	☼	6010B	Total/NA

Client Sample ID: SB-34 (0-0.5) — Lab Sample ID: 640-47006-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	1.8	I	2.1	0.52	mg/Kg	1	☼	6010B	Total/NA
Arsenic	8.1		0.52	0.24	mg/Kg	1	☼	6010B	Total/NA
Barium	48		1.0	0.17	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.48	I	0.52	0.091	mg/Kg	1	☼	6010B	Total/NA
Chromium	7.5		1.0	0.18	mg/Kg	1	☼	6010B	Total/NA
Copper	48		2.1	0.52	mg/Kg	1	☼	6010B	Total/NA
Iron	8300		5.2	3.1	mg/Kg	1	☼	6010B	Total/NA
Lead	170		0.52	0.16	mg/Kg	1	☼	6010B	Total/NA
Silver	0.35	I	1.0	0.20	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.059		0.030	0.012	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB-34 (0.5-1) — Lab Sample ID: 640-47006-8

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	5.2		2.2	0.56	mg/Kg	1	☼	6010B	Total/NA
Arsenic	15		0.56	0.26	mg/Kg	1	☼	6010B	Total/NA
Barium	180		1.1	0.18	mg/Kg	1	☼	6010B	Total/NA
Cadmium	1.0		0.56	0.097	mg/Kg	1	☼	6010B	Total/NA
Chromium	16		1.1	0.19	mg/Kg	1	☼	6010B	Total/NA
Copper	140		2.2	0.56	mg/Kg	1	☼	6010B	Total/NA
Iron	15000		5.6	3.3	mg/Kg	1	☼	6010B	Total/NA
Lead	620		0.56	0.17	mg/Kg	1	☼	6010B	Total/NA
Silver	0.93	I	1.1	0.21	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.050		0.029	0.012	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB-34 (1-2) — Lab Sample ID: 640-47006-9

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	13		4.2	1.0	mg/Kg	2	☼	6010B	Total/NA
Arsenic	12		1.0	0.48	mg/Kg	2	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-34 (1-2) (Continued) — Lab Sample ID: 640-47006-9

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	430		2.1	0.33	mg/Kg	2	☼	6010B	Total/NA
Cadmium	1.5		1.0	0.18	mg/Kg	2	☼	6010B	Total/NA
Chromium	18		2.1	0.35	mg/Kg	2	☼	6010B	Total/NA
Copper	210		4.2	1.0	mg/Kg	2	☼	6010B	Total/NA
Iron	24000		10	6.2	mg/Kg	2	☼	6010B	Total/NA
Lead	1200		1.0	0.31	mg/Kg	2	☼	6010B	Total/NA
Silver	1.8	I	2.1	0.40	mg/Kg	2	☼	6010B	Total/NA
Mercury	0.017	I	0.031	0.012	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB-35 (0-0.5) — Lab Sample ID: 640-47006-10

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	1.3	I	2.1	0.53	mg/Kg	1	☼	6010B	Total/NA
Arsenic	3.2		0.53	0.24	mg/Kg	1	☼	6010B	Total/NA
Barium	110		1.1	0.17	mg/Kg	1	☼	6010B	Total/NA
Copper	35		2.1	0.53	mg/Kg	1	☼	6010B	Total/NA
Iron	5200		5.3	3.2	mg/Kg	1	☼	6010B	Total/NA
Lead	150		0.53	0.16	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-35 (0.5-1.25) — Lab Sample ID: 640-47006-11

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	0.81	I	2.1	0.52	mg/Kg	1	☼	6010B	Total/NA
Arsenic	2.5		0.52	0.24	mg/Kg	1	☼	6010B	Total/NA
Barium	34		1.0	0.16	mg/Kg	1	☼	6010B	Total/NA
Copper	21		2.1	0.52	mg/Kg	1	☼	6010B	Total/NA
Iron	1700		5.2	3.1	mg/Kg	1	☼	6010B	Total/NA
Lead	260		0.52	0.15	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-35 (1.25-2) — Lab Sample ID: 640-47006-12

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	23		12	3.0	mg/Kg	5	☼	6010B	Total/NA
Arsenic	50		3.0	1.4	mg/Kg	5	☼	6010B	Total/NA
Barium	1400		5.9	0.95	mg/Kg	5	☼	6010B	Total/NA
Copper	760		12	3.0	mg/Kg	5	☼	6010B	Total/NA
Iron	61000		30	18	mg/Kg	5	☼	6010B	Total/NA
Lead	5900		3.0	0.89	mg/Kg	5	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park - Area 3 Playground

TestAmerica Job ID: 640-47006-1

Client Sample ID: SB-32 (0-0.5)
Date Collected: 02/26/14 08:47
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47006-1
Matrix: Solid
Percent Solids: 86.3

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	3.0		2.3	0.58	mg/Kg	☼	02/28/14 10:00	03/03/14 17:08	1
Arsenic	5.6		0.58	0.27	mg/Kg	☼	02/28/14 10:00	03/03/14 17:08	1
Barium	87		1.2	0.19	mg/Kg	☼	02/28/14 10:00	03/03/14 17:08	1
Cadmium	0.48	I	0.58	0.10	mg/Kg	☼	02/28/14 10:00	03/03/14 17:08	1
Chromium	14		1.2	0.20	mg/Kg	☼	02/28/14 10:00	03/03/14 17:08	1
Copper	55		2.3	0.58	mg/Kg	☼	02/28/14 10:00	03/03/14 17:08	1
Iron	8600		5.8	3.5	mg/Kg	☼	02/28/14 10:00	03/03/14 17:08	1
Lead	210		0.58	0.17	mg/Kg	☼	02/28/14 10:00	03/03/14 17:08	1
Selenium	0.43	U	1.2	0.43	mg/Kg	☼	02/28/14 10:00	03/03/14 17:08	1
Silver	0.38	I	1.2	0.22	mg/Kg	☼	02/28/14 10:00	03/03/14 17:08	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.029	I	0.034	0.013	mg/Kg	☼	03/03/14 08:55	03/03/14 15:53	1

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park - Area 3 Playground

TestAmerica Job ID: 640-47006-1

Client Sample ID: SB-32 (0.5-1)
Date Collected: 02/26/14 08:49
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47006-2
Matrix: Solid
Percent Solids: 94.1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	64		2.1	0.54	mg/Kg	☼	02/28/14 10:00	03/03/14 17:11	1
Arsenic	21		0.54	0.25	mg/Kg	☼	02/28/14 10:00	03/03/14 17:11	1
Barium	98		1.1	0.17	mg/Kg	☼	02/28/14 10:00	03/03/14 17:11	1
Cadmium	0.60		0.54	0.093	mg/Kg	☼	02/28/14 10:00	03/03/14 17:11	1
Chromium	18		1.1	0.18	mg/Kg	☼	02/28/14 10:00	03/03/14 17:11	1
Copper	220		2.1	0.54	mg/Kg	☼	02/28/14 10:00	03/03/14 17:11	1
Iron	10000		5.4	3.2	mg/Kg	☼	02/28/14 10:00	03/03/14 17:11	1
Lead	310		0.54	0.16	mg/Kg	☼	02/28/14 10:00	03/03/14 17:11	1
Selenium	0.40	U	1.1	0.40	mg/Kg	☼	02/28/14 10:00	03/03/14 17:11	1
Silver	0.50	I	1.1	0.20	mg/Kg	☼	02/28/14 10:00	03/03/14 17:11	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.029	I	0.030	0.012	mg/Kg	☼	03/03/14 08:55	03/03/14 15:58	1

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park - Area 3 Playground

TestAmerica Job ID: 640-47006-1

Client Sample ID: SB-32 (1-2)
Date Collected: 02/26/14 08:51
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47006-3
Matrix: Solid
Percent Solids: 84.3

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	20		12	2.9	mg/Kg	☼	02/28/14 10:00	03/04/14 08:33	5
Arsenic	39		2.9	1.3	mg/Kg	☼	02/28/14 10:00	03/04/14 08:33	5
Barium	2600		5.8	0.92	mg/Kg	☼	02/28/14 10:00	03/04/14 08:33	5
Cadmium	5.9		2.9	0.50	mg/Kg	☼	02/28/14 10:00	03/04/14 08:33	5
Chromium	72		5.8	0.98	mg/Kg	☼	02/28/14 10:00	03/04/14 08:33	5
Copper	890		12	2.9	mg/Kg	☼	02/28/14 10:00	03/04/14 08:33	5
Iron	98000		29	17	mg/Kg	☼	02/28/14 10:00	03/04/14 08:33	5
Lead	3500		2.9	0.86	mg/Kg	☼	02/28/14 10:00	03/04/14 08:33	5
Selenium	2.1	U	5.8	2.1	mg/Kg	☼	02/28/14 10:00	03/04/14 08:33	5
Silver	6.0		5.8	1.1	mg/Kg	☼	02/28/14 10:00	03/04/14 08:33	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.060		0.033	0.013	mg/Kg	☼	03/03/14 08:55	03/03/14 16:00	1

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park - Area 3 Playground

TestAmerica Job ID: 640-47006-1

Client Sample ID: SB-33 (0-0.5)
Date Collected: 02/26/14 09:08
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47006-4
Matrix: Solid
Percent Solids: 98.9

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.49	U	2.0	0.49	mg/Kg	☼	02/28/14 10:00	03/03/14 17:18	1
Arsenic	**1.5**		0.49	0.23	mg/Kg	☼	02/28/14 10:00	03/03/14 17:18	1
Barium	**12**		0.98	0.16	mg/Kg	☼	02/28/14 10:00	03/03/14 17:18	1
Copper	**9.0**		2.0	0.49	mg/Kg	☼	02/28/14 10:00	03/03/14 17:18	1
Iron	**1600**		4.9	2.9	mg/Kg	☼	02/28/14 10:00	03/03/14 17:18	1
Lead	**30**		0.49	0.15	mg/Kg	☼	02/28/14 10:00	03/03/14 17:18	1

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park - Area 3 Playground

TestAmerica Job ID: 640-47006-1

Client Sample ID: SB-33 (0.5-1)
Date Collected: 02/26/14 09:10
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47006-5
Matrix: Solid
Percent Solids: 91.9

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	6.3		2.2	0.54	mg/Kg	☼	02/28/14 10:00	03/03/14 17:22	1
Arsenic	9.7		0.54	0.25	mg/Kg	☼	02/28/14 10:00	03/03/14 17:22	1
Barium	380		1.1	0.17	mg/Kg	☼	02/28/14 10:00	03/03/14 17:22	1
Copper	180		2.2	0.54	mg/Kg	☼	02/28/14 10:00	03/03/14 17:22	1
Iron	16000		5.4	3.3	mg/Kg	☼	02/28/14 10:00	03/03/14 17:22	1
Lead	1500		0.54	0.16	mg/Kg	☼	02/28/14 10:00	03/03/14 17:22	1

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park - Area 3 Playground

TestAmerica Job ID: 640-47006-1

Client Sample ID: SB-33 (1-2)
Date Collected: 02/26/14 09:12
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47006-6
Matrix: Solid
Percent Solids: 92.4

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	14		11	2.6	mg/Kg	☼	02/28/14 10:00	03/04/14 08:37	5
Arsenic	20		2.6	1.2	mg/Kg	☼	02/28/14 10:00	03/04/14 08:37	5
Barium	730		5.3	0.84	mg/Kg	☼	02/28/14 10:00	03/04/14 08:37	5
Copper	1000		11	2.6	mg/Kg	☼	02/28/14 10:00	03/04/14 08:37	5
Iron	50000		26	16	mg/Kg	☼	02/28/14 10:00	03/04/14 08:37	5
Lead	3000		2.6	0.79	mg/Kg	☼	02/28/14 10:00	03/04/14 08:37	5

Client: SCS ES Consultants
Project/Site: Curtis Park - Area 3 Playground

TestAmerica Job ID: 640-47006-1

Client Sample ID: SB-34 (0-0.5)
Date Collected: 02/26/14 09:15
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47006-7
Matrix: Solid
Percent Solids: 93.8

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.8	I	2.1	0.52	mg/Kg	☼	02/28/14 10:00	03/03/14 17:29	1
Arsenic	8.1		0.52	0.24	mg/Kg	☼	02/28/14 10:00	03/03/14 17:29	1
Barium	48		1.0	0.17	mg/Kg	☼	02/28/14 10:00	03/03/14 17:29	1
Cadmium	0.48	I	0.52	0.091	mg/Kg	☼	02/28/14 10:00	03/03/14 17:29	1
Chromium	7.5		1.0	0.18	mg/Kg	☼	02/28/14 10:00	03/03/14 17:29	1
Copper	48		2.1	0.52	mg/Kg	☼	02/28/14 10:00	03/03/14 17:29	1
Iron	8300		5.2	3.1	mg/Kg	☼	02/28/14 10:00	03/03/14 17:29	1
Lead	170		0.52	0.16	mg/Kg	☼	02/28/14 10:00	03/03/14 17:29	1
Selenium	0.39	U	1.0	0.39	mg/Kg	☼	02/28/14 10:00	03/03/14 17:29	1
Silver	0.35	I	1.0	0.20	mg/Kg	☼	02/28/14 10:00	03/03/14 17:29	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.059		0.030	0.012	mg/Kg	☼	03/03/14 08:55	03/03/14 16:02	1

Client: SCS ES Consultants
Project/Site: Curtis Park - Area 3 Playground

TestAmerica Job ID: 640-47006-1

Client Sample ID: SB-34 (0.5-1)
Date Collected: 02/26/14 09:17
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47006-8
Matrix: Solid
Percent Solids: 92.6

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	5.2		2.2	0.56	mg/Kg	☼	02/28/14 10:00	03/03/14 17:39	1
Arsenic	15		0.56	0.26	mg/Kg	☼	02/28/14 10:00	03/03/14 17:39	1
Barium	180		1.1	0.18	mg/Kg	☼	02/28/14 10:00	03/03/14 17:39	1
Cadmium	1.0		0.56	0.097	mg/Kg	☼	02/28/14 10:00	03/03/14 17:39	1
Chromium	16		1.1	0.19	mg/Kg	☼	02/28/14 10:00	03/03/14 17:39	1
Copper	140		2.2	0.56	mg/Kg	☼	02/28/14 10:00	03/03/14 17:39	1
Iron	15000		5.6	3.3	mg/Kg	☼	02/28/14 10:00	03/03/14 17:39	1
Lead	620		0.56	0.17	mg/Kg	☼	02/28/14 10:00	03/03/14 17:39	1
Selenium	0.41	U	1.1	0.41	mg/Kg	☼	02/28/14 10:00	03/03/14 17:39	1
Silver	0.93	I	1.1	0.21	mg/Kg	☼	02/28/14 10:00	03/03/14 17:39	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.050		0.029	0.012	mg/Kg	☼	03/03/14 08:55	03/03/14 16:46	1

Client: SCS ES Consultants
Project/Site: Curtis Park - Area 3 Playground

TestAmerica Job ID: 640-47006-1

Client Sample ID: SB-34 (1-2)
Date Collected: 02/26/14 09:19
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47006-9
Matrix: Solid
Percent Solids: 93.3

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	13		4.2	1.0	mg/Kg	☼	02/28/14 10:00	03/04/14 08:40	2
Arsenic	12		1.0	0.48	mg/Kg	☼	02/28/14 10:00	03/04/14 08:40	2
Barium	430		2.1	0.33	mg/Kg	☼	02/28/14 10:00	03/04/14 08:40	2
Cadmium	1.5		1.0	0.18	mg/Kg	☼	02/28/14 10:00	03/04/14 08:40	2
Chromium	18		2.1	0.35	mg/Kg	☼	02/28/14 10:00	03/04/14 08:40	2
Copper	210		4.2	1.0	mg/Kg	☼	02/28/14 10:00	03/04/14 08:40	2
Iron	24000		10	6.2	mg/Kg	☼	02/28/14 10:00	03/04/14 08:40	2
Lead	1200		1.0	0.31	mg/Kg	☼	02/28/14 10:00	03/04/14 08:40	2
Selenium	0.77	U	2.1	0.77	mg/Kg	☼	02/28/14 10:00	03/04/14 08:40	2
Silver	1.8	I	2.1	0.40	mg/Kg	☼	02/28/14 10:00	03/04/14 08:40	2

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	I	0.031	0.012	mg/Kg	☼	03/03/14 08:55	03/03/14 16:51	1

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park - Area 3 Playground

TestAmerica Job ID: 640-47006-1

Client Sample ID: SB-35 (0-0.5)
Date Collected: 02/26/14 09:02
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47006-10
Matrix: Solid
Percent Solids: 96.9

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.3	I	2.1	0.53	mg/Kg	☼	03/04/14 08:45	03/04/14 12:49	1
Arsenic	3.2		0.53	0.24	mg/Kg	☼	03/04/14 08:45	03/04/14 12:49	1
Barium	110		1.1	0.17	mg/Kg	☼	03/04/14 08:45	03/04/14 12:49	1
Copper	35		2.1	0.53	mg/Kg	☼	03/04/14 08:45	03/04/14 12:49	1
Iron	5200		5.3	3.2	mg/Kg	☼	03/04/14 08:45	03/04/14 12:49	1
Lead	150		0.53	0.16	mg/Kg	☼	03/04/14 08:45	03/04/14 12:49	1

Client: SCS ES Consultants
Project/Site: Curtis Park - Area 3 Playground

TestAmerica Job ID: 640-47006-1

Client Sample ID: SB-35 (0.5-1.25)
Date Collected: 02/26/14 09:04
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47006-11
Matrix: Solid
Percent Solids: 95.1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.81	I	2.1	0.52	mg/Kg	☼	03/04/14 08:45	03/04/14 12:52	1
Arsenic	2.5		0.52	0.24	mg/Kg	☼	03/04/14 08:45	03/04/14 12:52	1
Barium	34		1.0	0.16	mg/Kg	☼	03/04/14 08:45	03/04/14 12:52	1
Copper	21		2.1	0.52	mg/Kg	☼	03/04/14 08:45	03/04/14 12:52	1
Iron	1700		5.2	3.1	mg/Kg	☼	03/04/14 08:45	03/04/14 12:52	1
Lead	260		0.52	0.15	mg/Kg	☼	03/04/14 08:45	03/04/14 12:52	1

Client: SCS ES Consultants
Project/Site: Curtis Park - Area 3 Playground

TestAmerica Job ID: 640-47006-1

Client Sample ID: SB-35 (1.25-2)
Date Collected: 02/26/14 09:06
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47006-12
Matrix: Solid
Percent Solids: 85.1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	23		12	3.0	mg/Kg	☼	03/04/14 08:45	03/04/14 13:09	5
Arsenic	50		3.0	1.4	mg/Kg	☼	03/04/14 08:45	03/04/14 13:09	5
Barium	1400		5.9	0.95	mg/Kg	☼	03/04/14 08:45	03/04/14 13:09	5
Copper	760		12	3.0	mg/Kg	☼	03/04/14 08:45	03/04/14 13:09	5
Iron	61000		30	18	mg/Kg	☼	03/04/14 08:45	03/04/14 13:09	5
Lead	5900		3.0	0.89	mg/Kg	☼	03/04/14 08:45	03/04/14 13:09	5

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 660-146583/1-A
Matrix: Solid
Analysis Batch: 146626

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 146583

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.50	U	2.0	0.50	mg/Kg		02/28/14 10:00	03/03/14 15:55	1
Arsenic	0.23	U	0.50	0.23	mg/Kg		02/28/14 10:00	03/03/14 15:55	1
Barium	0.16	U	1.0	0.16	mg/Kg		02/28/14 10:00	03/03/14 15:55	1
Cadmium	0.087	U	0.50	0.087	mg/Kg		02/28/14 10:00	03/03/14 15:55	1
Chromium	0.192	I	1.0	0.17	mg/Kg		02/28/14 10:00	03/03/14 15:55	1
Copper	0.50	U	2.0	0.50	mg/Kg		02/28/14 10:00	03/03/14 15:55	1
Iron	3.0	U	5.0	3.0	mg/Kg		02/28/14 10:00	03/03/14 15:55	1
Lead	0.15	U	0.50	0.15	mg/Kg		02/28/14 10:00	03/03/14 15:55	1
Selenium	0.37	U	1.0	0.37	mg/Kg		02/28/14 10:00	03/03/14 15:55	1
Silver	0.19	U	1.0	0.19	mg/Kg		02/28/14 10:00	03/03/14 15:55	1

Lab Sample ID: LCS 660-146583/2-A
Matrix: Solid
Analysis Batch: 146626

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 146583

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	50.0	50.6		mg/Kg		101	75 - 125
Arsenic	50.0	51.7		mg/Kg		103	75 - 125
Barium	50.0	50.5		mg/Kg		101	75 - 125
Cadmium	50.0	50.4		mg/Kg		101	75 - 125
Chromium	50.0	54.0		mg/Kg		108	75 - 125
Copper	50.0	51.3		mg/Kg		103	75 - 125
Iron	50.0	53.4		mg/Kg		107	75 - 125
Lead	50.0	53.3		mg/Kg		107	75 - 125
Selenium	50.0	51.1		mg/Kg		102	75 - 125
Silver	50.0	49.1		mg/Kg		98	75 - 125

Lab Sample ID: MB 660-146642/1-A
Matrix: Solid
Analysis Batch: 146643

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 146642

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.50	U	2.0	0.50	mg/Kg		03/04/14 08:45	03/04/14 11:30	1
Arsenic	0.23	U	0.50	0.23	mg/Kg		03/04/14 08:45	03/04/14 11:30	1
Barium	0.16	U	1.0	0.16	mg/Kg		03/04/14 08:45	03/04/14 11:30	1
Cadmium	0.087	U	0.50	0.087	mg/Kg		03/04/14 08:45	03/04/14 11:30	1
Chromium	0.17	U	1.0	0.17	mg/Kg		03/04/14 08:45	03/04/14 11:30	1
Copper	0.50	U	2.0	0.50	mg/Kg		03/04/14 08:45	03/04/14 11:30	1
Iron	3.0	U	5.0	3.0	mg/Kg		03/04/14 08:45	03/04/14 11:30	1
Lead	0.15	U	0.50	0.15	mg/Kg		03/04/14 08:45	03/04/14 11:30	1
Selenium	0.37	U	1.0	0.37	mg/Kg		03/04/14 08:45	03/04/14 11:30	1
Silver	0.19	U	1.0	0.19	mg/Kg		03/04/14 08:45	03/04/14 11:30	1

Lab Sample ID: LCS 660-146642/2-A
Matrix: Solid
Analysis Batch: 146643

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 146642

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	50.0	48.8		mg/Kg		98	75 - 125

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 660-146642/2-A
Matrix: Solid
Analysis Batch: 146643

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 146642

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	50.0	49.4		mg/Kg		99	75 - 125
Barium	50.0	50.6		mg/Kg		101	75 - 125
Cadmium	50.0	48.8		mg/Kg		98	75 - 125
Chromium	50.0	51.0		mg/Kg		102	75 - 125
Copper	50.0	51.6		mg/Kg		103	75 - 125
Iron	50.0	52.7		mg/Kg		105	75 - 125
Lead	50.0	50.9		mg/Kg		102	75 - 125
Selenium	50.0	48.3		mg/Kg		97	75 - 125
Silver	50.0	50.9		mg/Kg		102	75 - 125

Lab Sample ID: LCSD 660-146642/3-A
Matrix: Solid
Analysis Batch: 146643

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 146642

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	50.0	48.5		mg/Kg		97	75 - 125	1	20
Arsenic	50.0	49.2		mg/Kg		98	75 - 125	0	20
Barium	50.0	51.0		mg/Kg		102	75 - 125	1	20
Cadmium	50.0	48.6		mg/Kg		97	75 - 125	0	20
Chromium	50.0	50.8		mg/Kg		102	75 - 125	0	20
Copper	50.0	51.4		mg/Kg		103	75 - 125	0	20
Iron	50.0	53.5		mg/Kg		107	75 - 125	2	20
Lead	50.0	50.6		mg/Kg		101	75 - 125	0	20
Selenium	50.0	48.0		mg/Kg		96	75 - 125	1	20
Silver	50.0	50.5		mg/Kg		101	75 - 125	1	20

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 660-146628/13-A
Matrix: Solid
Analysis Batch: 146637

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 146628

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.012	U	0.030	0.012	mg/Kg		03/03/14 08:55	03/03/14 15:17	1

Lab Sample ID: LCS 660-146628/14-A
Matrix: Solid
Analysis Batch: 146637

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 146628

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.167	0.152		mg/Kg		91	80 - 120

Lab Sample ID: MB 660-146629/13-A
Matrix: Solid
Analysis Batch: 146638

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 146629

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.012	U	0.030	0.012	mg/Kg		03/03/14 08:55	03/03/14 16:31	1

Method: 7471A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 660-146629/14-A
Matrix: Solid
Analysis Batch: 146638

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 146629

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.167	0.156		mg/Kg		93	80 - 120

Metals

Prep Batch: 146583

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47006-1	SB-32 (0-0.5)	Total/NA	Solid	3050B	
640-47006-2	SB-32 (0.5-1)	Total/NA	Solid	3050B	
640-47006-3	SB-32 (1-2)	Total/NA	Solid	3050B	
640-47006-4	SB-33 (0-0.5)	Total/NA	Solid	3050B	
640-47006-5	SB-33 (0.5-1)	Total/NA	Solid	3050B	
640-47006-6	SB-33 (1-2)	Total/NA	Solid	3050B	
640-47006-7	SB-34 (0-0.5)	Total/NA	Solid	3050B	
640-47006-8	SB-34 (0.5-1)	Total/NA	Solid	3050B	
640-47006-9	SB-34 (1-2)	Total/NA	Solid	3050B	
LCS 660-146583/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 660-146583/1-A	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 146626

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47006-1	SB-32 (0-0.5)	Total/NA	Solid	6010B	146583
640-47006-2	SB-32 (0.5-1)	Total/NA	Solid	6010B	146583
640-47006-4	SB-33 (0-0.5)	Total/NA	Solid	6010B	146583
640-47006-5	SB-33 (0.5-1)	Total/NA	Solid	6010B	146583
640-47006-7	SB-34 (0-0.5)	Total/NA	Solid	6010B	146583
640-47006-8	SB-34 (0.5-1)	Total/NA	Solid	6010B	146583
LCS 660-146583/2-A	Lab Control Sample	Total/NA	Solid	6010B	146583
MB 660-146583/1-A	Method Blank	Total/NA	Solid	6010B	146583

Prep Batch: 146628

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47006-1	SB-32 (0-0.5)	Total/NA	Solid	7471A	
640-47006-2	SB-32 (0.5-1)	Total/NA	Solid	7471A	
640-47006-3	SB-32 (1-2)	Total/NA	Solid	7471A	
640-47006-7	SB-34 (0-0.5)	Total/NA	Solid	7471A	
LCS 660-146628/14-A	Lab Control Sample	Total/NA	Solid	7471A	
MB 660-146628/13-A	Method Blank	Total/NA	Solid	7471A	

Prep Batch: 146629

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47006-8	SB-34 (0.5-1)	Total/NA	Solid	7471A	
640-47006-9	SB-34 (1-2)	Total/NA	Solid	7471A	
LCS 660-146629/14-A	Lab Control Sample	Total/NA	Solid	7471A	
MB 660-146629/13-A	Method Blank	Total/NA	Solid	7471A	

Analysis Batch: 146637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47006-1	SB-32 (0-0.5)	Total/NA	Solid	7471A	146628
640-47006-2	SB-32 (0.5-1)	Total/NA	Solid	7471A	146628
640-47006-3	SB-32 (1-2)	Total/NA	Solid	7471A	146628
640-47006-7	SB-34 (0-0.5)	Total/NA	Solid	7471A	146628
LCS 660-146628/14-A	Lab Control Sample	Total/NA	Solid	7471A	146628
MB 660-146628/13-A	Method Blank	Total/NA	Solid	7471A	146628

Analysis Batch: 146638

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47006-8	SB-34 (0.5-1)	Total/NA	Solid	7471A	146629

Metals (Continued)

Analysis Batch: 146638 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47006-9	SB-34 (1-2)	Total/NA	Solid	7471A	146629
LCS 660-146629/14-A	Lab Control Sample	Total/NA	Solid	7471A	146629
MB 660-146629/13-A	Method Blank	Total/NA	Solid	7471A	146629

Prep Batch: 146642

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47006-10	SB-35 (0-0.5)	Total/NA	Solid	3050B	
640-47006-11	SB-35 (0.5-1.25)	Total/NA	Solid	3050B	
640-47006-12	SB-35 (1.25-2)	Total/NA	Solid	3050B	
LCS 660-146642/2-A	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 660-146642/3-A	Lab Control Sample Dup	Total/NA	Solid	3050B	
MB 660-146642/1-A	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 146643

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47006-3	SB-32 (1-2)	Total/NA	Solid	6010B	146583
640-47006-6	SB-33 (1-2)	Total/NA	Solid	6010B	146583
640-47006-9	SB-34 (1-2)	Total/NA	Solid	6010B	146583
640-47006-10	SB-35 (0-0.5)	Total/NA	Solid	6010B	146642
640-47006-11	SB-35 (0.5-1.25)	Total/NA	Solid	6010B	146642
640-47006-12	SB-35 (1.25-2)	Total/NA	Solid	6010B	146642
LCS 660-146642/2-A	Lab Control Sample	Total/NA	Solid	6010B	146642
LCSD 660-146642/3-A	Lab Control Sample Dup	Total/NA	Solid	6010B	146642
MB 660-146642/1-A	Method Blank	Total/NA	Solid	6010B	146642

General Chemistry

Analysis Batch: 146591

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47006-1	SB-32 (0-0.5)	Total/NA	Solid	Moisture	
640-47006-2	SB-32 (0.5-1)	Total/NA	Solid	Moisture	
640-47006-3	SB-32 (1-2)	Total/NA	Solid	Moisture	
640-47006-4	SB-33 (0-0.5)	Total/NA	Solid	Moisture	
640-47006-5	SB-33 (0.5-1)	Total/NA	Solid	Moisture	
640-47006-6	SB-33 (1-2)	Total/NA	Solid	Moisture	
640-47006-7	SB-34 (0-0.5)	Total/NA	Solid	Moisture	
640-47006-8	SB-34 (0.5-1)	Total/NA	Solid	Moisture	
640-47006-9	SB-34 (1-2)	Total/NA	Solid	Moisture	
640-47006-10	SB-35 (0-0.5)	Total/NA	Solid	Moisture	
640-47006-11	SB-35 (0.5-1.25)	Total/NA	Solid	Moisture	
640-47006-12	SB-35 (1.25-2)	Total/NA	Solid	Moisture	

Lab Chronicle

Client: SCS ES Consultants
Project/Site: Curtis Park - Area 3 Playground

TestAmerica Job ID: 640-47006-1

Client Sample ID: SB-32 (0-0.5)

Lab Sample ID: 640-47006-1

Date Collected: 02/26/14 08:47
Matrix: Solid
Date Received: 02/27/14 09:05
Percent Solids: 86.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146583	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		1	146626	03/03/14 17:08	GAF	TAL TAM
Total/NA	Prep	7471A			146628	03/03/14 08:55	RAG	TAL TAM
Total/NA	Analysis	7471A		1	146637	03/03/14 15:53	RAG	TAL TAM
Total/NA	Analysis	Moisture		1	146591	02/28/14 11:41	AJG	TAL TAM

Client Sample ID: SB-32 (0.5-1)

Lab Sample ID: 640-47006-2

Date Collected: 02/26/14 08:49
Matrix: Solid
Date Received: 02/27/14 09:05
Percent Solids: 94.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146583	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		1	146626	03/03/14 17:11	GAF	TAL TAM
Total/NA	Prep	7471A			146628	03/03/14 08:55	RAG	TAL TAM
Total/NA	Analysis	7471A		1	146637	03/03/14 15:58	RAG	TAL TAM
Total/NA	Analysis	Moisture		1	146591	02/28/14 11:41	AJG	TAL TAM

Client Sample ID: SB-32 (1-2)

Lab Sample ID: 640-47006-3

Date Collected: 02/26/14 08:51
Matrix: Solid
Date Received: 02/27/14 09:05
Percent Solids: 84.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			146628	03/03/14 08:55	RAG	TAL TAM
Total/NA	Analysis	7471A		1	146637	03/03/14 16:00	RAG	TAL TAM
Total/NA	Prep	3050B			146583	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		5	146643	03/04/14 08:33	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146591	02/28/14 11:41	AJG	TAL TAM

Client Sample ID: SB-33 (0-0.5)

Lab Sample ID: 640-47006-4

Date Collected: 02/26/14 09:08
Matrix: Solid
Date Received: 02/27/14 09:05
Percent Solids: 98.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146583	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		1	146626	03/03/14 17:18	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146591	02/28/14 11:41	AJG	TAL TAM

Client Sample ID: SB-33 (0.5-1) — **Lab Sample ID: 640-47006-5**
Date Collected: 02/26/14 09:10 — **Matrix: Solid**
Date Received: 02/27/14 09:05 — **Percent Solids: 91.9**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146583	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		1	146626	03/03/14 17:22	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146591	02/28/14 11:41	AJG	TAL TAM

Client Sample ID: SB-33 (1-2) — **Lab Sample ID: 640-47006-6**
Date Collected: 02/26/14 09:12 — **Matrix: Solid**
Date Received: 02/27/14 09:05 — **Percent Solids: 92.4**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146583	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		5	146643	03/04/14 08:37	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146591	02/28/14 11:41	AJG	TAL TAM

Client Sample ID: SB-34 (0-0.5) — **Lab Sample ID: 640-47006-7**
Date Collected: 02/26/14 09:15 — **Matrix: Solid**
Date Received: 02/27/14 09:05 — **Percent Solids: 93.8**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146583	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		1	146626	03/03/14 17:29	GAF	TAL TAM
Total/NA	Prep	7471A			146628	03/03/14 08:55	RAG	TAL TAM
Total/NA	Analysis	7471A		1	146637	03/03/14 16:02	RAG	TAL TAM
Total/NA	Analysis	Moisture		1	146591	02/28/14 11:41	AJG	TAL TAM

Client Sample ID: SB-34 (0.5-1) — **Lab Sample ID: 640-47006-8**
Date Collected: 02/26/14 09:17 — **Matrix: Solid**
Date Received: 02/27/14 09:05 — **Percent Solids: 92.6**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146583	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		1	146626	03/03/14 17:39	GAF	TAL TAM
Total/NA	Prep	7471A			146629	03/03/14 08:55	RAG	TAL TAM
Total/NA	Analysis	7471A		1	146638	03/03/14 16:46	RAG	TAL TAM
Total/NA	Analysis	Moisture		1	146591	02/28/14 11:41	AJG	TAL TAM

Client Sample ID: SB-34 (1-2) — **Lab Sample ID: 640-47006-9**
Date Collected: 02/26/14 09:19 — **Matrix: Solid**
Date Received: 02/27/14 09:05 — **Percent Solids: 93.3**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			146629	03/03/14 08:55	RAG	TAL TAM
Total/NA	Analysis	7471A		1	146638	03/03/14 16:51	RAG	TAL TAM

Lab Chronicle

Client: SCS ES Consultants
Project/Site: Curtis Park - Area 3 Playground

TestAmerica Job ID: 640-47006-1

Client Sample ID: SB-34 (1-2)

Lab Sample ID: 640-47006-9

Date Collected: 02/26/14 09:19
Date Received: 02/27/14 09:05

Matrix: Solid
Percent Solids: 93.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146583	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		2	146643	03/04/14 08:40	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146591	02/28/14 11:41	AJG	TAL TAM

Client Sample ID: SB-35 (0-0.5)

Lab Sample ID: 640-47006-10

Date Collected: 02/26/14 09:02
Date Received: 02/27/14 09:05

Matrix: Solid
Percent Solids: 96.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146642	03/04/14 08:45	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146643	03/04/14 12:49	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146591	02/28/14 11:41	AJG	TAL TAM

Client Sample ID: SB-35 (0.5-1.25)

Lab Sample ID: 640-47006-11

Date Collected: 02/26/14 09:04
Date Received: 02/27/14 09:05

Matrix: Solid
Percent Solids: 95.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146642	03/04/14 08:45	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146643	03/04/14 12:52	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146591	02/28/14 12:15	AJG	TAL TAM

Client Sample ID: SB-35 (1.25-2)

Lab Sample ID: 640-47006-12

Date Collected: 02/26/14 09:06
Date Received: 02/27/14 09:05

Matrix: Solid
Percent Solids: 85.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146642	03/04/14 08:45	GAF	TAL TAM
Total/NA	Analysis	6010B		5	146643	03/04/14 13:09	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146591	02/28/14 12:15	AJG	TAL TAM

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: SCS ES Consultants
Project/Site: Curtis Park - Area 3 Playground

TestAmerica Job ID: 640-47006-1

Laboratory: TestAmerica Tallahassee

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E81005	06-30-14
Georgia	State Program	4		06-30-14
Louisiana	NELAP	6	30663	06-30-14
New Jersey	NELAP	2	FL012	06-30-14
Texas	NELAP	6	T104704459-11-2	03-31-14 *
USDA	Federal		P330-08-00158	08-05-14

Laboratory: TestAmerica Tampa

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alabama	State Program	4	40610	06-30-14
Florida	NELAP	4	E84282	06-30-14
Georgia	State Program	4	905	06-30-14
USDA	Federal		P330-11-00177	04-20-14

* Expired certification is currently pending renewal and is considered valid.

Method Summary

Client: SCS ES Consultants
Project/Site: Curtis Park - Area 3 Playground

TestAmerica Job ID: 640-47006-1

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL TAM
7471A	Mercury (CVAA)	SW846	TAL TAM
Moisture	Percent Moisture	EPA	TAL TAM

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Sample Summary

Client: SCS ES Consultants
Project/Site: Curtis Park - Area 3 Playground

TestAmerica Job ID: 640-47006-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
640-47006-1	SB-32 (0-0.5)	Solid	02/26/14 08:47	02/27/14 09:05
640-47006-2	SB-32 (0.5-1)	Solid	02/26/14 08:49	02/27/14 09:05
640-47006-3	SB-32 (1-2)	Solid	02/26/14 08:51	02/27/14 09:05
640-47006-4	SB-33 (0-0.5)	Solid	02/26/14 09:08	02/27/14 09:05
640-47006-5	SB-33 (0.5-1)	Solid	02/26/14 09:10	02/27/14 09:05
640-47006-6	SB-33 (1-2)	Solid	02/26/14 09:12	02/27/14 09:05
640-47006-7	SB-34 (0-0.5)	Solid	02/26/14 09:15	02/27/14 09:05
640-47006-8	SB-34 (0.5-1)	Solid	02/26/14 09:17	02/27/14 09:05
640-47006-9	SB-34 (1-2)	Solid	02/26/14 09:19	02/27/14 09:05
640-47006-10	SB-35 (0-0.5)	Solid	02/26/14 09:02	02/27/14 09:05
640-47006-11	SB-35 (0.5-1.25)	Solid	02/26/14 09:04	02/27/14 09:05
640-47006-12	SB-35 (1.25-2)	Solid	02/26/14 09:06	02/27/14 09:05

TestAmerica Tallahassee
2846 Industrial Plaza Drive

Tallahassee, FL 32301
phone 850.878.3994 fax

AREA 3 - Playground

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

3/5/2014

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Eddy Smith	Site Contact: Brittney Odom	Date:	COC No:
SCS Engineers	Tel/Fax:	Lab Contact: Amy Marks	Carrier:	____ of ____ COCs
7700 North Kendall Drive	Analysis Turnaround Time			Sampler:
Miami, Florida 33156	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
305.412.8185 Phone	TAT if different from Below ____			Walk-in Client:
305.412.8105 FAX	☐ 2 weeks			Lab Sampling:
Project Name: Curtis Park	☐ 1 week			Job / SDG No.: 640-47006
Site: 1901 NW 24th Ave, Miami, FL	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Metals 6010 (Sb, As, Ba, Cu, Pb, Fe)	Metals 6010/7471 (Cd, Cr, Hg, Se, Ag)	Dioxins (8290)	PCBs (8082)	Sample Specific Notes:
SB-32 (0-0.5)	26-Feb-14	8:47	C	So	2			X	X			
SB-32 (0.5-1)	"	8:49	C	So	2			X	X			
SB-32 (1-2)	"	8:51	C	So	2			X	X			
SB-33 (0-0.5)	"	9:08	C	So	2			X				
SB-33 (0.5-1)	"	9:10	C	So	2			X				
SB-33 (1-2)	"	9:12	C	So	2			X				
SB-34 (0-0.5)	"	9:15	C	So	2			X	X			
SB-34 (0.5-1)	"	9:17	C	So	2			X	X			
SB-34 (1-2)	"	9:19	C	So	2			X	X			
SB-35 (0-0.5)	"	9:02	C	So	2			X				
SB-35 (0.5-1.25)	"	9:04	C	So	2			X				
SB-35 (1.25-2)	"	9:06	C	So	2			X				

640-47006 Chain of Custody

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for ____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: ____ Corr'd: ____ | Therm ID No.: ____

	Company	Date/Time		Company	Date/Time
Relinquished by:	SCS	2/26/14 1800	Received by:	~	2-26-14 1530
Relinquished by:		2.26.14 1800	Received by:		2-27-14 9:05
Relinquished by:			Received in Laboratory by:		

2.0°C, 5.9°, 5.5°, 4.3°C cwm

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tallahassee
2846 Industrial Plaza Drive
Tallahassee, FL 32301
Tel: (850)878-3994

TestAmerica Job ID: 640-47005-1
Client Project/Site: Curtis Park - Area 3A Playground

For:
SCS ES Consultants
7700 N. Kendall Drive, Suite 300
Miami, Florida 33156

Attn: Mr. Bob Speed

Authorized for release by:
3/5/2014 3:57:17 PM

Amy Marks, Project Manager II
(850)878-3994
amy.marks@testamericainc.com

Table of Contents

Client: SCS ES Consultants
Project/Site: Curtis Park - Area 3A Playground

TestAmerica Job ID: 640-47005-1

Qualifiers

Metals

Qualifier	Qualifier Description
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
U	Indicates that the compound was analyzed for but not detected.
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 640-47005-1

Laboratory: TestAmerica Tallahassee

Narrative

Job Narrative
640-47005-1

Comments
No additional comments.

Receipt
The samples were received on 2/27/2014 at 9:05 AM. The samples arrived in good condition, properly preserved, and on ice. The temperature of the cooler at receipt was 2.0º C.

Metals
Method 6010B: The method blank (MB) associated with batch 146583 contained Chromium above the method detection limit (MDL). This target analyte concentration was less than the practical quantitation limit (PQL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6010B: The following samples were diluted due to high levels of Iron in the matrix that caused an interference with target analytes: SB-36 (0.5-1) (640-47005-2), SB-36 (1-2) (640-47005-3), SB-37 (1.5-2) (640-47005-6), SB-38 (0.5-1) (640-47005-8), and SB-38 (1-2) (640-47005-9). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: SCS ES Consultants
Project/Site: Curtis Park - Area 3A Playground

TestAmerica Job ID: 640-47005-1

Client Sample ID: SB-36 (0-0.5) — Lab Sample ID: 640-47005-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	1.3	I	2.1	0.52	mg/Kg	1	☼	6010B	Total/NA
Arsenic	2.4		0.52	0.24	mg/Kg	1	☼	6010B	Total/NA
Barium	46		1.0	0.17	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.31	I	0.52	0.090	mg/Kg	1	☼	6010B	Total/NA
Chromium	7.5		1.0	0.18	mg/Kg	1	☼	6010B	Total/NA
Copper	33		2.1	0.52	mg/Kg	1	☼	6010B	Total/NA
Iron	3600		5.2	3.1	mg/Kg	1	☼	6010B	Total/NA
Lead	92		0.52	0.15	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-36 (0.5-1) — Lab Sample ID: 640-47005-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	9.9	I	13	3.2	mg/Kg	5	☼	6010B	Total/NA
Arsenic	26		3.2	1.5	mg/Kg	5	☼	6010B	Total/NA
Barium	330		6.5	1.0	mg/Kg	5	☼	6010B	Total/NA
Cadmium	2.3	I	3.2	0.56	mg/Kg	5	☼	6010B	Total/NA
Chromium	32		6.5	1.1	mg/Kg	5	☼	6010B	Total/NA
Copper	250		13	3.2	mg/Kg	5	☼	6010B	Total/NA
Iron	47000		32	19	mg/Kg	5	☼	6010B	Total/NA
Lead	1100		3.2	0.97	mg/Kg	5	☼	6010B	Total/NA
Silver	1.9	I	6.5	1.2	mg/Kg	5	☼	6010B	Total/NA
Mercury	0.20		0.036	0.015	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB-36 (1-2) — Lab Sample ID: 640-47005-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	20		14	3.4	mg/Kg	5	☼	6010B	Total/NA
Arsenic	32		3.4	1.6	mg/Kg	5	☼	6010B	Total/NA
Barium	2900		6.8	1.1	mg/Kg	5	☼	6010B	Total/NA
Cadmium	5.2		3.4	0.59	mg/Kg	5	☼	6010B	Total/NA
Chromium	79		6.8	1.2	mg/Kg	5	☼	6010B	Total/NA
Copper	1200		14	3.4	mg/Kg	5	☼	6010B	Total/NA
Iron	90000		34	20	mg/Kg	5	☼	6010B	Total/NA
Lead	2900		3.4	1.0	mg/Kg	5	☼	6010B	Total/NA
Silver	5.1	I	6.8	1.3	mg/Kg	5	☼	6010B	Total/NA
Mercury	0.20		0.039	0.016	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB-37 (0-0.5) — Lab Sample ID: 640-47005-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	2.2	I	2.3	0.58	mg/Kg	1	☼	6010B	Total/NA
Arsenic	8.0		0.58	0.27	mg/Kg	1	☼	6010B	Total/NA
Barium	79		1.2	0.19	mg/Kg	1	☼	6010B	Total/NA
Copper	58		2.3	0.58	mg/Kg	1	☼	6010B	Total/NA
Iron	5900		5.8	3.5	mg/Kg	1	☼	6010B	Total/NA
Lead	160		0.58	0.17	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-37 (0.5-1.5) — Lab Sample ID: 640-47005-5

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: SCS ES Consultants
Project/Site: Curtis Park - Area 3A Playground

TestAmerica Job ID: 640-47005-1

Client Sample ID: SB-37 (0.5-1.5) (Continued) — Lab Sample ID: 640-47005-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	1.4	I	2.4	0.60	mg/Kg	1	☼	6010B	Total/NA
Arsenic	16		0.60	0.28	mg/Kg	1	☼	6010B	Total/NA
Barium	94		1.2	0.19	mg/Kg	1	☼	6010B	Total/NA
Copper	33		2.4	0.60	mg/Kg	1	☼	6010B	Total/NA
Iron	9600		6.0	3.6	mg/Kg	1	☼	6010B	Total/NA
Lead	82		0.60	0.18	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-37 (1.5-2) — Lab Sample ID: 640-47005-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	5.3	I	11	2.8	mg/Kg	5	☼	6010B	Total/NA
Arsenic	14		2.8	1.3	mg/Kg	5	☼	6010B	Total/NA
Barium	140		5.7	0.91	mg/Kg	5	☼	6010B	Total/NA
Copper	170		11	2.8	mg/Kg	5	☼	6010B	Total/NA
Iron	30000		28	17	mg/Kg	5	☼	6010B	Total/NA
Lead	560		2.8	0.85	mg/Kg	5	☼	6010B	Total/NA

Client Sample ID: SB-38 (0-0.5) — Lab Sample ID: 640-47005-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	5.2		2.8	0.69	mg/Kg	1	☼	6010B	Total/NA
Arsenic	10		0.69	0.32	mg/Kg	1	☼	6010B	Total/NA
Barium	540		1.4	0.22	mg/Kg	1	☼	6010B	Total/NA
Cadmium	1.6		0.69	0.12	mg/Kg	1	☼	6010B	Total/NA
Chromium	19		1.4	0.23	mg/Kg	1	☼	6010B	Total/NA
Copper	160		2.8	0.69	mg/Kg	1	☼	6010B	Total/NA
Iron	16000		6.9	4.1	mg/Kg	1	☼	6010B	Total/NA
Lead	450		0.69	0.21	mg/Kg	1	☼	6010B	Total/NA
Selenium	0.69	I	1.4	0.51	mg/Kg	1	☼	6010B	Total/NA
Silver	1.1	I	1.4	0.26	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.15		0.038	0.015	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB-38 (0.5-1) — Lab Sample ID: 640-47005-8

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	9.5	I	12	2.9	mg/Kg	5	☼	6010B	Total/NA
Arsenic	44		2.9	1.4	mg/Kg	5	☼	6010B	Total/NA
Barium	740		5.9	0.94	mg/Kg	5	☼	6010B	Total/NA
Cadmium	2.2	I	2.9	0.51	mg/Kg	5	☼	6010B	Total/NA
Chromium	41		5.9	1.0	mg/Kg	5	☼	6010B	Total/NA
Copper	430		12	2.9	mg/Kg	5	☼	6010B	Total/NA
Iron	56000		29	18	mg/Kg	5	☼	6010B	Total/NA
Lead	1400		2.9	0.88	mg/Kg	5	☼	6010B	Total/NA
Silver	2.7	I	5.9	1.1	mg/Kg	5	☼	6010B	Total/NA
Mercury	0.11		0.034	0.014	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB-38 (1-2) — Lab Sample ID: 640-47005-9

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	18	I	23	5.8	mg/Kg	10	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: SCS ES Consultants
Project/Site: Curtis Park - Area 3A Playground

TestAmerica Job ID: 640-47005-1

Client Sample ID: SB-38 (1-2) (Continued) — Lab Sample ID: 640-47005-9

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	43		5.8	2.7	mg/Kg	10	☼	6010B	Total/NA
Barium	1000		12	1.9	mg/Kg	10	☼	6010B	Total/NA
Cadmium	10		5.8	1.0	mg/Kg	10	☼	6010B	Total/NA
Chromium	75		12	2.0	mg/Kg	10	☼	6010B	Total/NA
Copper	2300		23	5.8	mg/Kg	10	☼	6010B	Total/NA
Iron	140000		58	35	mg/Kg	10	☼	6010B	Total/NA
Lead	2700		5.8	1.7	mg/Kg	10	☼	6010B	Total/NA
Silver	5.6	I	12	2.2	mg/Kg	10	☼	6010B	Total/NA
Mercury	0.035		0.032	0.013	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB-39 (0-0.5) — Lab Sample ID: 640-47005-10

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	1.1	I	2.3	0.56	mg/Kg	1	☼	6010B	Total/NA
Arsenic	1.7		0.56	0.26	mg/Kg	1	☼	6010B	Total/NA
Barium	21		1.1	0.18	mg/Kg	1	☼	6010B	Total/NA
Copper	35		2.3	0.56	mg/Kg	1	☼	6010B	Total/NA
Iron	990		5.6	3.4	mg/Kg	1	☼	6010B	Total/NA
Lead	24		0.56	0.17	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-39 (0.5-2) — Lab Sample ID: 640-47005-11

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	2.7		2.3	0.57	mg/Kg	1	☼	6010B	Total/NA
Arsenic	6.4		0.57	0.26	mg/Kg	1	☼	6010B	Total/NA
Barium	160		1.1	0.18	mg/Kg	1	☼	6010B	Total/NA
Copper	72		2.3	0.57	mg/Kg	1	☼	6010B	Total/NA
Iron	12000		5.7	3.4	mg/Kg	1	☼	6010B	Total/NA
Lead	210		0.57	0.17	mg/Kg	1	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park - Area 3A Playground

TestAmerica Job ID: 640-47005-1

Client Sample ID: SB-36 (0-0.5)
Date Collected: 02/26/14 09:53
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47005-1
Matrix: Solid
Percent Solids: 95.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**1.3**	**I**	2.1	0.52	mg/Kg	☼	02/28/14 10:00	03/03/14 16:05	1
Arsenic	**2.4**		0.52	0.24	mg/Kg	☼	02/28/14 10:00	03/03/14 16:05	1
Barium	**46**		1.0	0.17	mg/Kg	☼	02/28/14 10:00	03/03/14 16:05	1
Cadmium	**0.31**	**I**	0.52	0.090	mg/Kg	☼	02/28/14 10:00	03/03/14 16:05	1
Chromium	**7.5**		1.0	0.18	mg/Kg	☼	02/28/14 10:00	03/03/14 16:05	1
Copper	**33**		2.1	0.52	mg/Kg	☼	02/28/14 10:00	03/03/14 16:05	1
Iron	**3600**		5.2	3.1	mg/Kg	☼	02/28/14 10:00	03/03/14 16:05	1
Lead	**92**		0.52	0.15	mg/Kg	☼	02/28/14 10:00	03/03/14 16:05	1
Selenium	0.38	U	1.0	0.38	mg/Kg	☼	02/28/14 10:00	03/03/14 16:05	1
Silver	0.20	U	1.0	0.20	mg/Kg	☼	02/28/14 10:00	03/03/14 16:05	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.012	U	0.031	0.012	mg/Kg	☼	03/03/14 08:55	03/03/14 15:43	1

Client: SCS ES Consultants
Project/Site: Curtis Park - Area 3A Playground

TestAmerica Job ID: 640-47005-1

Client Sample ID: SB-36 (0.5-1)
Date Collected: 02/26/14 09:55
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47005-2
Matrix: Solid
Percent Solids: 79.7

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	9.9	I	13	3.2	mg/Kg	☼	02/28/14 10:00	03/04/14 08:10	5
Arsenic	26		3.2	1.5	mg/Kg	☼	02/28/14 10:00	03/04/14 08:10	5
Barium	330		6.5	1.0	mg/Kg	☼	02/28/14 10:00	03/04/14 08:10	5
Cadmium	2.3	I	3.2	0.56	mg/Kg	☼	02/28/14 10:00	03/04/14 08:10	5
Chromium	32		6.5	1.1	mg/Kg	☼	02/28/14 10:00	03/04/14 08:10	5
Copper	250		13	3.2	mg/Kg	☼	02/28/14 10:00	03/04/14 08:10	5
Iron	47000		32	19	mg/Kg	☼	02/28/14 10:00	03/04/14 08:10	5
Lead	1100		3.2	0.97	mg/Kg	☼	02/28/14 10:00	03/04/14 08:10	5
Selenium	2.4	U	6.5	2.4	mg/Kg	☼	02/28/14 10:00	03/04/14 08:10	5
Silver	1.9	I	6.5	1.2	mg/Kg	☼	02/28/14 10:00	03/04/14 08:10	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20		0.036	0.015	mg/Kg	☼	03/03/14 08:55	03/03/14 15:45	1

Client: SCS ES Consultants
Project/Site: Curtis Park - Area 3A Playground

TestAmerica Job ID: 640-47005-1

Client Sample ID: SB-36 (1-2)
Date Collected: 02/26/14 09:57
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47005-3
Matrix: Solid
Percent Solids: 73.6

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	20		14	3.4	mg/Kg	☼	02/28/14 10:00	03/04/14 08:14	5
Arsenic	32		3.4	1.6	mg/Kg	☼	02/28/14 10:00	03/04/14 08:14	5
Barium	2900		6.8	1.1	mg/Kg	☼	02/28/14 10:00	03/04/14 08:14	5
Cadmium	5.2		3.4	0.59	mg/Kg	☼	02/28/14 10:00	03/04/14 08:14	5
Chromium	79		6.8	1.2	mg/Kg	☼	02/28/14 10:00	03/04/14 08:14	5
Copper	1200		14	3.4	mg/Kg	☼	02/28/14 10:00	03/04/14 08:14	5
Iron	90000		34	20	mg/Kg	☼	02/28/14 10:00	03/04/14 08:14	5
Lead	2900		3.4	1.0	mg/Kg	☼	02/28/14 10:00	03/04/14 08:14	5
Selenium	2.5	U	6.8	2.5	mg/Kg	☼	02/28/14 10:00	03/04/14 08:14	5
Silver	5.1	I	6.8	1.3	mg/Kg	☼	02/28/14 10:00	03/04/14 08:14	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20		0.039	0.016	mg/Kg	☼	03/03/14 08:55	03/03/14 15:46	1

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park - Area 3A Playground

TestAmerica Job ID: 640-47005-1

Client Sample ID: SB-37 (0-0.5)
Date Collected: 02/26/14 09:38
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47005-4
Matrix: Solid
Percent Solids: 87.3

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.2	I	2.3	0.58	mg/Kg	☼	02/28/14 10:00	03/03/14 16:33	1
Arsenic	8.0		0.58	0.27	mg/Kg	☼	02/28/14 10:00	03/03/14 16:33	1
Barium	79		1.2	0.19	mg/Kg	☼	02/28/14 10:00	03/03/14 16:33	1
Copper	58		2.3	0.58	mg/Kg	☼	02/28/14 10:00	03/03/14 16:33	1
Iron	5900		5.8	3.5	mg/Kg	☼	02/28/14 10:00	03/03/14 16:33	1
Lead	160		0.58	0.17	mg/Kg	☼	02/28/14 10:00	03/03/14 16:33	1

Client: SCS ES Consultants
Project/Site: Curtis Park - Area 3A Playground

TestAmerica Job ID: 640-47005-1

Client Sample ID: SB-37 (0.5-1.5)
Date Collected: 02/26/14 09:40
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47005-5
Matrix: Solid
Percent Solids: 81.3

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.4	I	2.4	0.60	mg/Kg	☼	02/28/14 10:00	03/03/14 16:36	1
Arsenic	16		0.60	0.28	mg/Kg	☼	02/28/14 10:00	03/03/14 16:36	1
Barium	94		1.2	0.19	mg/Kg	☼	02/28/14 10:00	03/03/14 16:36	1
Copper	33		2.4	0.60	mg/Kg	☼	02/28/14 10:00	03/03/14 16:36	1
Iron	9600		6.0	3.6	mg/Kg	☼	02/28/14 10:00	03/03/14 16:36	1
Lead	82		0.60	0.18	mg/Kg	☼	02/28/14 10:00	03/03/14 16:36	1

Client: SCS ES Consultants
Project/Site: Curtis Park - Area 3A Playground

TestAmerica Job ID: 640-47005-1

Client Sample ID: SB-37 (1.5-2)
Date Collected: 02/26/14 09:42
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47005-6
Matrix: Solid
Percent Solids: 90.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	5.3	I	11	2.8	mg/Kg	☼	02/28/14 10:00	03/04/14 08:17	5
Arsenic	14		2.8	1.3	mg/Kg	☼	02/28/14 10:00	03/04/14 08:17	5
Barium	140		5.7	0.91	mg/Kg	☼	02/28/14 10:00	03/04/14 08:17	5
Copper	170		11	2.8	mg/Kg	☼	02/28/14 10:00	03/04/14 08:17	5
Iron	30000		28	17	mg/Kg	☼	02/28/14 10:00	03/04/14 08:17	5
Lead	560		2.8	0.85	mg/Kg	☼	02/28/14 10:00	03/04/14 08:17	5

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park - Area 3A Playground

TestAmerica Job ID: 640-47005-1

Client Sample ID: SB-38 (0-0.5)
Date Collected: 02/26/14 09:38
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47005-7
Matrix: Solid
Percent Solids: 73.1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	5.2		2.8	0.69	mg/Kg	☼	02/28/14 10:00	03/03/14 16:43	1
Arsenic	10		0.69	0.32	mg/Kg	☼	02/28/14 10:00	03/03/14 16:43	1
Barium	540		1.4	0.22	mg/Kg	☼	02/28/14 10:00	03/03/14 16:43	1
Cadmium	1.6		0.69	0.12	mg/Kg	☼	02/28/14 10:00	03/03/14 16:43	1
Chromium	19		1.4	0.23	mg/Kg	☼	02/28/14 10:00	03/03/14 16:43	1
Copper	160		2.8	0.69	mg/Kg	☼	02/28/14 10:00	03/03/14 16:43	1
Iron	16000		6.9	4.1	mg/Kg	☼	02/28/14 10:00	03/03/14 16:43	1
Lead	450		0.69	0.21	mg/Kg	☼	02/28/14 10:00	03/03/14 16:43	1
Selenium	0.69	I	1.4	0.51	mg/Kg	☼	02/28/14 10:00	03/03/14 16:43	1
Silver	1.1	I	1.4	0.26	mg/Kg	☼	02/28/14 10:00	03/03/14 16:43	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.15		0.038	0.015	mg/Kg	☼	03/03/14 08:55	03/03/14 15:48	1

Client: SCS ES Consultants
Project/Site: Curtis Park - Area 3A Playground

TestAmerica Job ID: 640-47005-1

Client Sample ID: SB-38 (0.5-1)
Date Collected: 02/26/14 09:40
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47005-8
Matrix: Solid
Percent Solids: 87.5

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	9.5	I	12	2.9	mg/Kg	☼	02/28/14 10:00	03/04/14 08:20	5
Arsenic	44		2.9	1.4	mg/Kg	☼	02/28/14 10:00	03/04/14 08:20	5
Barium	740		5.9	0.94	mg/Kg	☼	02/28/14 10:00	03/04/14 08:20	5
Cadmium	2.2	I	2.9	0.51	mg/Kg	☼	02/28/14 10:00	03/04/14 08:20	5
Chromium	41		5.9	1.0	mg/Kg	☼	02/28/14 10:00	03/04/14 08:20	5
Copper	430		12	2.9	mg/Kg	☼	02/28/14 10:00	03/04/14 08:20	5
Iron	56000		29	18	mg/Kg	☼	02/28/14 10:00	03/04/14 08:20	5
Lead	1400		2.9	0.88	mg/Kg	☼	02/28/14 10:00	03/04/14 08:20	5
Selenium	2.2	U	5.9	2.2	mg/Kg	☼	02/28/14 10:00	03/04/14 08:20	5
Silver	2.7	I	5.9	1.1	mg/Kg	☼	02/28/14 10:00	03/04/14 08:20	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.11		0.034	0.014	mg/Kg	☼	03/03/14 08:55	03/03/14 15:50	1

Client: SCS ES Consultants
Project/Site: Curtis Park - Area 3A Playground

TestAmerica Job ID: 640-47005-1

Client Sample ID: SB-38 (1-2)
Date Collected: 02/26/14 09:42
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47005-9
Matrix: Solid
Percent Solids: 85.8

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	18	I	23	5.8	mg/Kg	☼	02/28/14 10:00	03/04/14 08:30	10
Arsenic	43		5.8	2.7	mg/Kg	☼	02/28/14 10:00	03/04/14 08:30	10
Barium	1000		12	1.9	mg/Kg	☼	02/28/14 10:00	03/04/14 08:30	10
Cadmium	10		5.8	1.0	mg/Kg	☼	02/28/14 10:00	03/04/14 08:30	10
Chromium	75		12	2.0	mg/Kg	☼	02/28/14 10:00	03/04/14 08:30	10
Copper	2300		23	5.8	mg/Kg	☼	02/28/14 10:00	03/04/14 08:30	10
Iron	140000		58	35	mg/Kg	☼	02/28/14 10:00	03/04/14 08:30	10
Lead	2700		5.8	1.7	mg/Kg	☼	02/28/14 10:00	03/04/14 08:30	10
Selenium	4.3	U	12	4.3	mg/Kg	☼	02/28/14 10:00	03/04/14 08:30	10
Silver	5.6	I	12	2.2	mg/Kg	☼	02/28/14 10:00	03/04/14 08:30	10

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.035		0.032	0.013	mg/Kg	☼	03/03/14 08:55	03/03/14 15:51	1

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park - Area 3A Playground

TestAmerica Job ID: 640-47005-1

Client Sample ID: SB-39 (0-0.5)
Date Collected: 02/26/14 09:26
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47005-10
Matrix: Solid
Percent Solids: 88.9

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.1	I	2.3	0.56	mg/Kg	☼	02/28/14 10:00	03/03/14 17:01	1
Arsenic	1.7		0.56	0.26	mg/Kg	☼	02/28/14 10:00	03/03/14 17:01	1
Barium	21		1.1	0.18	mg/Kg	☼	02/28/14 10:00	03/03/14 17:01	1
Copper	35		2.3	0.56	mg/Kg	☼	02/28/14 10:00	03/03/14 17:01	1
Iron	990		5.6	3.4	mg/Kg	☼	02/28/14 10:00	03/03/14 17:01	1
Lead	24		0.56	0.17	mg/Kg	☼	02/28/14 10:00	03/03/14 17:01	1

Client: SCS ES Consultants
Project/Site: Curtis Park - Area 3A Playground

TestAmerica Job ID: 640-47005-1

Client Sample ID: SB-39 (0.5-2)
Date Collected: 02/26/14 09:28
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47005-11
Matrix: Solid
Percent Solids: 86.2

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.7		2.3	0.57	mg/Kg	☼	02/28/14 10:00	03/03/14 17:04	1
Arsenic	6.4		0.57	0.26	mg/Kg	☼	02/28/14 10:00	03/03/14 17:04	1
Barium	160		1.1	0.18	mg/Kg	☼	02/28/14 10:00	03/03/14 17:04	1
Copper	72		2.3	0.57	mg/Kg	☼	02/28/14 10:00	03/03/14 17:04	1
Iron	12000		5.7	3.4	mg/Kg	☼	02/28/14 10:00	03/03/14 17:04	1
Lead	210		0.57	0.17	mg/Kg	☼	02/28/14 10:00	03/03/14 17:04	1

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 660-146583/1-A
Matrix: Solid
Analysis Batch: 146626

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 146583

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.50	U	2.0	0.50	mg/Kg		02/28/14 10:00	03/03/14 15:55	1
Arsenic	0.23	U	0.50	0.23	mg/Kg		02/28/14 10:00	03/03/14 15:55	1
Barium	0.16	U	1.0	0.16	mg/Kg		02/28/14 10:00	03/03/14 15:55	1
Cadmium	0.087	U	0.50	0.087	mg/Kg		02/28/14 10:00	03/03/14 15:55	1
Chromium	0.192	I	1.0	0.17	mg/Kg		02/28/14 10:00	03/03/14 15:55	1
Copper	0.50	U	2.0	0.50	mg/Kg		02/28/14 10:00	03/03/14 15:55	1
Iron	3.0	U	5.0	3.0	mg/Kg		02/28/14 10:00	03/03/14 15:55	1
Lead	0.15	U	0.50	0.15	mg/Kg		02/28/14 10:00	03/03/14 15:55	1
Selenium	0.37	U	1.0	0.37	mg/Kg		02/28/14 10:00	03/03/14 15:55	1
Silver	0.19	U	1.0	0.19	mg/Kg		02/28/14 10:00	03/03/14 15:55	1

Lab Sample ID: LCS 660-146583/2-A
Matrix: Solid
Analysis Batch: 146626

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 146583

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	50.0	50.6		mg/Kg		101	75 - 125
Arsenic	50.0	51.7		mg/Kg		103	75 - 125
Barium	50.0	50.5		mg/Kg		101	75 - 125
Cadmium	50.0	50.4		mg/Kg		101	75 - 125
Chromium	50.0	54.0		mg/Kg		108	75 - 125
Copper	50.0	51.3		mg/Kg		103	75 - 125
Iron	50.0	53.4		mg/Kg		107	75 - 125
Lead	50.0	53.3		mg/Kg		107	75 - 125
Selenium	50.0	51.1		mg/Kg		102	75 - 125
Silver	50.0	49.1		mg/Kg		98	75 - 125

Lab Sample ID: 640-47005-1 MS
Matrix: Solid
Analysis Batch: 146626

Client Sample ID: SB-36 (0-0.5)
Prep Type: Total/NA
Prep Batch: 146583

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	1.3	I	53.7	51.3		mg/Kg	☼	93	75 - 125
Arsenic	2.4		53.7	57.0		mg/Kg	☼	102	75 - 125
Barium	46		53.7	83.2	J3	mg/Kg	☼	68	75 - 125
Cadmium	0.31	I	53.7	52.6		mg/Kg	☼	97	75 - 125
Chromium	7.5		53.7	54.7		mg/Kg	☼	88	75 - 125
Copper	33		53.7	110	J3	mg/Kg	☼	145	75 - 125
Iron	3600		53.7	4280	J3	mg/Kg	☼	1296	75 - 125
Lead	92		53.7	132		mg/Kg	☼	75	75 - 125
Selenium	0.38	U	53.7	52.8		mg/Kg	☼	98	75 - 125
Silver	0.20	U	53.7	52.4		mg/Kg	☼	98	75 - 125

Lab Sample ID: 640-47005-1 MSD
Matrix: Solid
Analysis Batch: 146626

Client Sample ID: SB-36 (0-0.5)
Prep Type: Total/NA
Prep Batch: 146583

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	1.3	I	53.2	50.3		mg/Kg	☼	92	75 - 125	2	20

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 640-47005-1 MSD
Matrix: Solid
Analysis Batch: 146626

Client Sample ID: SB-36 (0-0.5)
Prep Type: Total/NA
Prep Batch: 146583

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	2.4		53.2	55.2		mg/Kg	☼	99	75 - 125	3	20
Barium	46		53.2	96.1		mg/Kg	☼	93	75 - 125	14	20
Cadmium	0.31	I	53.2	51.5		mg/Kg	☼	96	75 - 125	2	20
Chromium	7.5		53.2	53.9		mg/Kg	☼	87	75 - 125	1	20
Copper	33		53.2	74.3	J3	mg/Kg	☼	79	75 - 125	39	20
Iron	3600		53.2	2980	J3	mg/Kg	☼	-1133	75 - 125	36	20
Lead	92		53.2	121	J3	mg/Kg	☼	55	75 - 125	9	20
Selenium	0.38	U	53.2	52.4		mg/Kg	☼	99	75 - 125	1	20
Silver	0.20	U	53.2	51.3		mg/Kg	☼	96	75 - 125	2	20

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 660-146628/13-A
Matrix: Solid
Analysis Batch: 146637

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 146628

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.012	U	0.030	0.012	mg/Kg		03/03/14 08:55	03/03/14 15:17	1

Lab Sample ID: LCS 660-146628/14-A
Matrix: Solid
Analysis Batch: 146637

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 146628

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.167	0.152		mg/Kg		91	80 - 120

Metals

Prep Batch: 146583

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47005-1	SB-36 (0-0.5)	Total/NA	Solid	3050B	
640-47005-1 MS	SB-36 (0-0.5)	Total/NA	Solid	3050B	
640-47005-1 MSD	SB-36 (0-0.5)	Total/NA	Solid	3050B	
640-47005-2	SB-36 (0.5-1)	Total/NA	Solid	3050B	
640-47005-3	SB-36 (1-2)	Total/NA	Solid	3050B	
640-47005-4	SB-37 (0-0.5)	Total/NA	Solid	3050B	
640-47005-5	SB-37 (0.5-1.5)	Total/NA	Solid	3050B	
640-47005-6	SB-37 (1.5-2)	Total/NA	Solid	3050B	
640-47005-7	SB-38 (0-0.5)	Total/NA	Solid	3050B	
640-47005-8	SB-38 (0.5-1)	Total/NA	Solid	3050B	
640-47005-9	SB-38 (1-2)	Total/NA	Solid	3050B	
640-47005-10	SB-39 (0-0.5)	Total/NA	Solid	3050B	
640-47005-11	SB-39 (0.5-2)	Total/NA	Solid	3050B	
LCS 660-146583/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 660-146583/1-A	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 146626

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47005-1	SB-36 (0-0.5)	Total/NA	Solid	6010B	146583
640-47005-1 MS	SB-36 (0-0.5)	Total/NA	Solid	6010B	146583
640-47005-1 MSD	SB-36 (0-0.5)	Total/NA	Solid	6010B	146583
640-47005-4	SB-37 (0-0.5)	Total/NA	Solid	6010B	146583
640-47005-5	SB-37 (0.5-1.5)	Total/NA	Solid	6010B	146583
640-47005-7	SB-38 (0-0.5)	Total/NA	Solid	6010B	146583
640-47005-10	SB-39 (0-0.5)	Total/NA	Solid	6010B	146583
640-47005-11	SB-39 (0.5-2)	Total/NA	Solid	6010B	146583
LCS 660-146583/2-A	Lab Control Sample	Total/NA	Solid	6010B	146583
MB 660-146583/1-A	Method Blank	Total/NA	Solid	6010B	146583

Prep Batch: 146628

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47005-1	SB-36 (0-0.5)	Total/NA	Solid	7471A	
640-47005-2	SB-36 (0.5-1)	Total/NA	Solid	7471A	
640-47005-3	SB-36 (1-2)	Total/NA	Solid	7471A	
640-47005-7	SB-38 (0-0.5)	Total/NA	Solid	7471A	
640-47005-8	SB-38 (0.5-1)	Total/NA	Solid	7471A	
640-47005-9	SB-38 (1-2)	Total/NA	Solid	7471A	
LCS 660-146628/14-A	Lab Control Sample	Total/NA	Solid	7471A	
MB 660-146628/13-A	Method Blank	Total/NA	Solid	7471A	

Analysis Batch: 146637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47005-1	SB-36 (0-0.5)	Total/NA	Solid	7471A	146628
640-47005-2	SB-36 (0.5-1)	Total/NA	Solid	7471A	146628
640-47005-3	SB-36 (1-2)	Total/NA	Solid	7471A	146628
640-47005-7	SB-38 (0-0.5)	Total/NA	Solid	7471A	146628
640-47005-8	SB-38 (0.5-1)	Total/NA	Solid	7471A	146628
640-47005-9	SB-38 (1-2)	Total/NA	Solid	7471A	146628
LCS 660-146628/14-A	Lab Control Sample	Total/NA	Solid	7471A	146628
MB 660-146628/13-A	Method Blank	Total/NA	Solid	7471A	146628

Metals (Continued)

Analysis Batch: 146643

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47005-2	SB-36 (0.5-1)	Total/NA	Solid	6010B	146583
640-47005-3	SB-36 (1-2)	Total/NA	Solid	6010B	146583
640-47005-6	SB-37 (1.5-2)	Total/NA	Solid	6010B	146583
640-47005-8	SB-38 (0.5-1)	Total/NA	Solid	6010B	146583
640-47005-9	SB-38 (1-2)	Total/NA	Solid	6010B	146583

General Chemistry

Analysis Batch: 146590

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47005-1	SB-36 (0-0.5)	Total/NA	Solid	Moisture	
640-47005-2	SB-36 (0.5-1)	Total/NA	Solid	Moisture	
640-47005-3	SB-36 (1-2)	Total/NA	Solid	Moisture	
640-47005-4	SB-37 (0-0.5)	Total/NA	Solid	Moisture	
640-47005-5	SB-37 (0.5-1.5)	Total/NA	Solid	Moisture	
640-47005-6	SB-37 (1.5-2)	Total/NA	Solid	Moisture	
640-47005-7	SB-38 (0-0.5)	Total/NA	Solid	Moisture	
640-47005-8	SB-38 (0.5-1)	Total/NA	Solid	Moisture	

Analysis Batch: 146595

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47005-9	SB-38 (1-2)	Total/NA	Solid	Moisture	
640-47005-9 DU	SB-38 (1-2)	Total/NA	Solid	Moisture	
640-47005-10	SB-39 (0-0.5)	Total/NA	Solid	Moisture	
640-47005-11	SB-39 (0.5-2)	Total/NA	Solid	Moisture	

Client Sample ID: SB-36 (0-0.5)

Lab Sample ID: 640-47005-1

Date Collected: 02/26/14 09:53

Matrix: Solid

Date Received: 02/27/14 09:05

Percent Solids: 95.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146583	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		1	146626	03/03/14 16:05	GAF	TAL TAM
Total/NA	Prep	7471A			146628	03/03/14 08:55	RAG	TAL TAM
Total/NA	Analysis	7471A		1	146637	03/03/14 15:43	RAG	TAL TAM
Total/NA	Analysis	Moisture		1	146590	02/28/14 10:24	AJG	TAL TAM

Client Sample ID: SB-36 (0.5-1)

Lab Sample ID: 640-47005-2

Date Collected: 02/26/14 09:55

Matrix: Solid

Date Received: 02/27/14 09:05

Percent Solids: 79.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			146628	03/03/14 08:55	RAG	TAL TAM
Total/NA	Analysis	7471A		1	146637	03/03/14 15:45	RAG	TAL TAM
Total/NA	Prep	3050B			146583	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		5	146643	03/04/14 08:10	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146590	02/28/14 10:31	AJG	TAL TAM

Client Sample ID: SB-36 (1-2)

Lab Sample ID: 640-47005-3

Date Collected: 02/26/14 09:57

Matrix: Solid

Date Received: 02/27/14 09:05

Percent Solids: 73.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			146628	03/03/14 08:55	RAG	TAL TAM
Total/NA	Analysis	7471A		1	146637	03/03/14 15:46	RAG	TAL TAM
Total/NA	Prep	3050B			146583	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		5	146643	03/04/14 08:14	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146590	02/28/14 10:54	AJG	TAL TAM

Client Sample ID: SB-37 (0-0.5)

Lab Sample ID: 640-47005-4

Date Collected: 02/26/14 09:38

Matrix: Solid

Date Received: 02/27/14 09:05

Percent Solids: 87.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146583	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		1	146626	03/03/14 16:33	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146590	02/28/14 10:50	AJG	TAL TAM

Lab Chronicle

Client: SCS ES Consultants
Project/Site: Curtis Park - Area 3A Playground

TestAmerica Job ID: 640-47005-1

Client Sample ID: SB-37 (0.5-1.5)

Lab Sample ID: 640-47005-5
Date Collected: 02/26/14 09:40
Matrix: Solid
Date Received: 02/27/14 09:05
Percent Solids: 81.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146583	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		1	146626	03/03/14 16:36	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146590	02/28/14 11:09	AJG	TAL TAM

Client Sample ID: SB-37 (1.5-2)

Lab Sample ID: 640-47005-6
Date Collected: 02/26/14 09:42
Matrix: Solid
Date Received: 02/27/14 09:05
Percent Solids: 90.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146583	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		5	146643	03/04/14 08:17	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146590	02/28/14 11:04	AJG	TAL TAM

Client Sample ID: SB-38 (0-0.5)

Lab Sample ID: 640-47005-7
Date Collected: 02/26/14 09:38
Matrix: Solid
Date Received: 02/27/14 09:05
Percent Solids: 73.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146583	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		1	146626	03/03/14 16:43	GAF	TAL TAM
Total/NA	Prep	7471A			146628	03/03/14 08:55	RAG	TAL TAM
Total/NA	Analysis	7471A		1	146637	03/03/14 15:48	RAG	TAL TAM
Total/NA	Analysis	Moisture		1	146590	02/28/14 11:35	AJG	TAL TAM

Client Sample ID: SB-38 (0.5-1)

Lab Sample ID: 640-47005-8
Date Collected: 02/26/14 09:40
Matrix: Solid
Date Received: 02/27/14 09:05
Percent Solids: 87.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			146628	03/03/14 08:55	RAG	TAL TAM
Total/NA	Analysis	7471A		1	146637	03/03/14 15:50	RAG	TAL TAM
Total/NA	Prep	3050B			146583	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		5	146643	03/04/14 08:20	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146590	02/28/14 11:21	AJG	TAL TAM

Client Sample ID: SB-38 (1-2)

Lab Sample ID: 640-47005-9
Date Collected: 02/26/14 09:42
Matrix: Solid
Date Received: 02/27/14 09:05
Percent Solids: 85.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			146628	03/03/14 08:55	RAG	TAL TAM
Total/NA	Analysis	7471A		1	146637	03/03/14 15:51	RAG	TAL TAM

Lab Chronicle

Client: SCS ES Consultants
Project/Site: Curtis Park - Area 3A Playground

TestAmerica Job ID: 640-47005-1

Client Sample ID: SB-38 (1-2)

Lab Sample ID: 640-47005-9

Date Collected: 02/26/14 09:42
Matrix: Solid
Date Received: 02/27/14 09:05
Percent Solids: 85.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146583	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		10	146643	03/04/14 08:30	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146595	02/28/14 11:48	AJG	TAL TAM

Client Sample ID: SB-39 (0-0.5)

Lab Sample ID: 640-47005-10

Date Collected: 02/26/14 09:26
Matrix: Solid
Date Received: 02/27/14 09:05
Percent Solids: 88.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146583	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		1	146626	03/03/14 17:01	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146595	02/28/14 12:12	AJG	TAL TAM

Client Sample ID: SB-39 (0.5-2)

Lab Sample ID: 640-47005-11

Date Collected: 02/26/14 09:28
Matrix: Solid
Date Received: 02/27/14 09:05
Percent Solids: 86.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146583	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		1	146626	03/03/14 17:04	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146595	02/28/14 12:15	AJG	TAL TAM

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: SCS ES Consultants
Project/Site: Curtis Park - Area 3A Playground

TestAmerica Job ID: 640-47005-1

Laboratory: TestAmerica Tallahassee

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E81005	06-30-14
Georgia	State Program	4		06-30-14
Louisiana	NELAP	6	30663	06-30-14
New Jersey	NELAP	2	FL012	06-30-14
Texas	NELAP	6	T104704459-11-2	03-31-14 *
USDA	Federal		P330-08-00158	08-05-14

Laboratory: TestAmerica Tampa

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alabama	State Program	4	40610	06-30-14
Florida	NELAP	4	E84282	06-30-14
Georgia	State Program	4	905	06-30-14
USDA	Federal		P330-11-00177	04-20-14

* Expired certification is currently pending renewal and is considered valid.

Method Summary

Client: SCS ES Consultants
Project/Site: Curtis Park - Area 3A Playground

TestAmerica Job ID: 640-47005-1

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL TAM
7471A	Mercury (CVAA)	SW846	TAL TAM
Moisture	Percent Moisture	EPA	TAL TAM

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Sample Summary

Client: SCS ES Consultants
Project/Site: Curtis Park - Area 3A Playground

TestAmerica Job ID: 640-47005-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
640-47005-1	SB-36 (0-0.5)	Solid	02/26/14 09:53	02/27/14 09:05
640-47005-2	SB-36 (0.5-1)	Solid	02/26/14 09:55	02/27/14 09:05
640-47005-3	SB-36 (1-2)	Solid	02/26/14 09:57	02/27/14 09:05
640-47005-4	SB-37 (0-0.5)	Solid	02/26/14 09:38	02/27/14 09:05
640-47005-5	SB-37 (0.5-1.5)	Solid	02/26/14 09:40	02/27/14 09:05
640-47005-6	SB-37 (1.5-2)	Solid	02/26/14 09:42	02/27/14 09:05
640-47005-7	SB-38 (0-0.5)	Solid	02/26/14 09:38	02/27/14 09:05
640-47005-8	SB-38 (0.5-1)	Solid	02/26/14 09:40	02/27/14 09:05
640-47005-9	SB-38 (1-2)	Solid	02/26/14 09:42	02/27/14 09:05
640-47005-10	SB-39 (0-0.5)	Solid	02/26/14 09:26	02/27/14 09:05
640-47005-11	SB-39 (0.5-2)	Solid	02/26/14 09:28	02/27/14 09:05

TestAmerica Tallahassee
2846 Industrial Plaza Drive

Tallahassee, FL 32301
phone 850.878.3994 fax

Area 3A - Playground.

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

3/5/2014

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Eddy Smith	Site Contact: Brittney Odom	Date:	COC No:
SCS Engineers	Tel/Fax:	Lab Contact: Amy Marks	Carrier:	____ of ____ COCs
7700 North Kendall Drive	Analysis Turnaround Time			Sampler:
Miami, Florida 33156	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
305.412.8185 Phone	TAT if different from Below ____			Walk-in Client:
305.412.8105 FAX	☐ 2 weeks			Lab Sampling:
Project Name: Curtis Park	☐ 1 week			Job / SDG No.:
Site: 1901 NW 24th Ave, Miami, FL	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Metals 6010 (Sb, As, Ba, Cu, Pb, Fe)	Metals 6010/7471 (Cd, Cr, Hg, Se, Ag)	Dioxins (8290)	PCBs (8082)	Sample Specific Notes:
SB-36 (0-0.5)	26-Feb-14	9:53	C	So	2			X	X			
SB-36 (0.5-1)	"	9:55	C	So	2			X	X			
SB-36 (1-2)	"	9:57	C	So	2			X	X			
SB-37 (0-0.5)	"	9:38	C	So	2			X				
SB-37 (0.5-1.5)	"	9:40	C	So	2			X				
SB-37 (1.5-2)	"	9:42	C	So	2			X				
SB-38 (0-0.5)	"	9:38	C	So	2			X	X			
SB-38 (0.5-1)	"	9:40	C	So	2			X	X			
SB-38 (1-2)	"	9:42	C	So	2			X	X			
SB-39 (0-0.5)	"	9:26	C	So	2			X				
SB-39 (0.5-2)	"	9:28	C	So	2			X				

640-47005 Chain of Custody

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for ____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: ____ Corr'd: ____ | Therm ID No.: ____

Relinquished by:	Company: SCS	Date/Time: 2-26 1800	Received by:	Company:	Date/Time: 2-26-14 1530
Relinquished by:	Company:	Date/Time: 2-26-14 1800	Received by:	Company:	Date/Time: 2-27-14 9:05
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

20 °C CU-07

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tallahassee
2846 Industrial Plaza Drive
Tallahassee, FL 32301
Tel: (850)878-3994

TestAmerica Job ID: 640-46930-1
Client Project/Site: Curtis Park - Area #4 Courts

For:
SCS ES Consultants
7700 N. Kendall Drive, Suite 300
Miami, Florida 33156

Attn: Mr. Bob Speed

Authorized for release by:
3/4/2014 12:39:11 PM

Amy Marks, Project Manager II
(850)878-3994
amy.marks@testamericainc.com

Table of Contents

Qualifiers

Metals

Qualifier	Qualifier Description
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
U	Indicates that the compound was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #4 Courts

TestAmerica Job ID: 640-46930-1

Job ID: 640-46930-1

Laboratory: TestAmerica Tallahassee

Narrative

Job Narrative
640-46930-1

Comments
No additional comments.

Receipt
The samples were received on 2/25/2014 at 9:00 AM. The samples arrived in good condition, properly preserved, and on ice. The temperatures of the 3 coolers at receipt time were 4.9º C, 5.1º C and 5.7º C.

Metals
Method 6010B: The following samples were diluted due to high levels of Iron in the matrix that caused an interference with target analytes: SB-40 (0-0.5) (640-46930-1), SB-40 (1-2) (640-46930-3), SB-42 (1-1.5) (640-46930-9), SB-42 (1.5-2) (640-46930-10), SB-43 (1-2) (640-46930-13), SB-44 (1-2) (640-46930-16), and SB-45 (1-2) (640-46930-19). The reporting limits have been raised accordingly.

No other analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #4 Courts

TestAmerica Job ID: 640-46930-1

Client Sample ID: SB-40 (0-0.5) — Lab Sample ID: 640-46930-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	15		13	3.2	mg/Kg	5	☼	6010B	Total/NA
Arsenic	35		3.2	1.5	mg/Kg	5	☼	6010B	Total/NA
Barium	860		6.3	1.0	mg/Kg	5	☼	6010B	Total/NA
Copper	580		13	3.2	mg/Kg	5	☼	6010B	Total/NA
Iron	82000		32	19	mg/Kg	5	☼	6010B	Total/NA
Lead	2700		3.2	0.95	mg/Kg	5	☼	6010B	Total/NA

Client Sample ID: SB-40 (0.5-1) — Lab Sample ID: 640-46930-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	7.3		2.5	0.63	mg/Kg	1	☼	6010B	Total/NA
Arsenic	17		0.63	0.29	mg/Kg	1	☼	6010B	Total/NA
Barium	310		1.3	0.20	mg/Kg	1	☼	6010B	Total/NA
Copper	170		2.5	0.63	mg/Kg	1	☼	6010B	Total/NA
Iron	16000		6.3	3.8	mg/Kg	1	☼	6010B	Total/NA
Lead	580		0.63	0.19	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-40 (1-2) — Lab Sample ID: 640-46930-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	11		11	2.8	mg/Kg	5	☼	6010B	Total/NA
Arsenic	20		2.8	1.3	mg/Kg	5	☼	6010B	Total/NA
Barium	650		5.7	0.90	mg/Kg	5	☼	6010B	Total/NA
Copper	260		11	2.8	mg/Kg	5	☼	6010B	Total/NA
Iron	38000		28	17	mg/Kg	5	☼	6010B	Total/NA
Lead	1800		2.8	0.85	mg/Kg	5	☼	6010B	Total/NA

Client Sample ID: SB-41 (0-0.5) — Lab Sample ID: 640-46930-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	2.1	I	2.4	0.60	mg/Kg	1	☼	6010B	Total/NA
Arsenic	6.5		0.60	0.27	mg/Kg	1	☼	6010B	Total/NA
Barium	46		1.2	0.19	mg/Kg	1	☼	6010B	Total/NA
Copper	88		2.4	0.60	mg/Kg	1	☼	6010B	Total/NA
Iron	8600		6.0	3.6	mg/Kg	1	☼	6010B	Total/NA
Lead	140		0.60	0.18	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-41 (0.5-1) — Lab Sample ID: 640-46930-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.83		0.54	0.25	mg/Kg	1	☼	6010B	Total/NA
Barium	8.5		1.1	0.17	mg/Kg	1	☼	6010B	Total/NA
Copper	2.7		2.1	0.54	mg/Kg	1	☼	6010B	Total/NA
Iron	770		5.4	3.2	mg/Kg	1	☼	6010B	Total/NA
Lead	4.5		0.54	0.16	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-41 (1-2) — Lab Sample ID: 640-46930-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	2.4		1.1	0.18	mg/Kg	1	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-41 (1-2) (Continued) — Lab Sample ID: 640-46930-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Iron	850		5.6	3.4	mg/Kg	1	☼	6010B	Total/NA
Lead	1.2		0.56	0.17	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-42 (0-0.5) — Lab Sample ID: 640-46930-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	0.69	I	2.6	0.66	mg/Kg	1	☼	6010B	Total/NA
Arsenic	4.0		0.66	0.30	mg/Kg	1	☼	6010B	Total/NA
Barium	20		1.3	0.21	mg/Kg	1	☼	6010B	Total/NA
Copper	24		2.6	0.66	mg/Kg	1	☼	6010B	Total/NA
Iron	2000		6.6	4.0	mg/Kg	1	☼	6010B	Total/NA
Lead	47		0.66	0.20	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-42 (0.5-1) — Lab Sample ID: 640-46930-8

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.8		0.62	0.28	mg/Kg	1	☼	6010B	Total/NA
Barium	18		1.2	0.20	mg/Kg	1	☼	6010B	Total/NA
Copper	18		2.5	0.62	mg/Kg	1	☼	6010B	Total/NA
Iron	1500		6.2	3.7	mg/Kg	1	☼	6010B	Total/NA
Lead	32		0.62	0.18	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-42 (1-1.5) — Lab Sample ID: 640-46930-9

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	13		12	2.9	mg/Kg	5	☼	6010B	Total/NA
Arsenic	11		2.9	1.3	mg/Kg	5	☼	6010B	Total/NA
Barium	350		5.9	0.94	mg/Kg	5	☼	6010B	Total/NA
Copper	310		12	2.9	mg/Kg	5	☼	6010B	Total/NA
Iron	30000		29	18	mg/Kg	5	☼	6010B	Total/NA
Lead	930		2.9	0.88	mg/Kg	5	☼	6010B	Total/NA

Client Sample ID: SB-42 (1.5-2) — Lab Sample ID: 640-46930-10

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	6.6	I	13	3.2	mg/Kg	5	☼	6010B	Total/NA
Arsenic	17		3.2	1.5	mg/Kg	5	☼	6010B	Total/NA
Barium	320		6.4	1.0	mg/Kg	5	☼	6010B	Total/NA
Copper	3300		13	3.2	mg/Kg	5	☼	6010B	Total/NA
Iron	31000		32	19	mg/Kg	5	☼	6010B	Total/NA
Lead	400		3.2	0.96	mg/Kg	5	☼	6010B	Total/NA

Client Sample ID: SB-43 (0-0.5) — Lab Sample ID: 640-46930-11

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	1.0	I	2.4	0.59	mg/Kg	1	☼	6010B	Total/NA
Arsenic	5.5		0.59	0.27	mg/Kg	1	☼	6010B	Total/NA
Barium	42		1.2	0.19	mg/Kg	1	☼	6010B	Total/NA
Copper	39		2.4	0.59	mg/Kg	1	☼	6010B	Total/NA
Iron	3300		5.9	3.6	mg/Kg	1	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-43 (0-0.5) (Continued) — Lab Sample ID: 640-46930-11

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	60		0.59	0.18	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-43 (0.5-1) — Lab Sample ID: 640-46930-12

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	1.1	I	2.1	0.52	mg/Kg	1	☼	6010B	Total/NA
Arsenic	2.6		0.52	0.24	mg/Kg	1	☼	6010B	Total/NA
Barium	33		1.0	0.17	mg/Kg	1	☼	6010B	Total/NA
Copper	22		2.1	0.52	mg/Kg	1	☼	6010B	Total/NA
Iron	2900		5.2	3.1	mg/Kg	1	☼	6010B	Total/NA
Lead	82		0.52	0.16	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-43 (1-2) — Lab Sample ID: 640-46930-13

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	15		11	2.9	mg/Kg	5	☼	6010B	Total/NA
Arsenic	37		2.9	1.3	mg/Kg	5	☼	6010B	Total/NA
Barium	580		5.7	0.91	mg/Kg	5	☼	6010B	Total/NA
Copper	560		11	2.9	mg/Kg	5	☼	6010B	Total/NA
Iron	41000		29	17	mg/Kg	5	☼	6010B	Total/NA
Lead	1700		2.9	0.86	mg/Kg	5	☼	6010B	Total/NA

Client Sample ID: SB-44 (0-0.5) — Lab Sample ID: 640-46930-14

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	1.5	I	2.4	0.60	mg/Kg	1	☼	6010B	Total/NA
Arsenic	5.3		0.60	0.27	mg/Kg	1	☼	6010B	Total/NA
Barium	36		1.2	0.19	mg/Kg	1	☼	6010B	Total/NA
Copper	55		2.4	0.60	mg/Kg	1	☼	6010B	Total/NA
Iron	4400		6.0	3.6	mg/Kg	1	☼	6010B	Total/NA
Lead	100		0.60	0.18	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-44 (0.5-1) — Lab Sample ID: 640-46930-15

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	1.6	I	2.1	0.53	mg/Kg	1	☼	6010B	Total/NA
Arsenic	3.6		0.53	0.24	mg/Kg	1	☼	6010B	Total/NA
Barium	48		1.1	0.17	mg/Kg	1	☼	6010B	Total/NA
Copper	45		2.1	0.53	mg/Kg	1	☼	6010B	Total/NA
Iron	4700		5.3	3.2	mg/Kg	1	☼	6010B	Total/NA
Lead	130		0.53	0.16	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-44 (1-2) — Lab Sample ID: 640-46930-16

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	35		25	6.3	mg/Kg	10	☼	6010B	Total/NA
Arsenic	68		6.3	2.9	mg/Kg	10	☼	6010B	Total/NA
Barium	1400		13	2.0	mg/Kg	10	☼	6010B	Total/NA
Copper	1400		25	6.3	mg/Kg	10	☼	6010B	Total/NA
Iron	140000		63	38	mg/Kg	10	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-44 (1-2) (Continued) — Lab Sample ID: 640-46930-16

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	3100		6.3	1.9	mg/Kg	10	☼	6010B	Total/NA

Client Sample ID: SB-45 (0-0.5) — Lab Sample ID: 640-46930-17

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	12		3.2	0.81	mg/Kg	1	☼	6010B	Total/NA
Arsenic	10		0.81	0.37	mg/Kg	1	☼	6010B	Total/NA
Barium	90		1.6	0.26	mg/Kg	1	☼	6010B	Total/NA
Copper	91		3.2	0.81	mg/Kg	1	☼	6010B	Total/NA
Iron	8500		8.1	4.8	mg/Kg	1	☼	6010B	Total/NA
Lead	1100		0.81	0.24	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-45 (0.5-1) — Lab Sample ID: 640-46930-18

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	3.2		2.5	0.62	mg/Kg	1	☼	6010B	Total/NA
Arsenic	9.2		0.62	0.28	mg/Kg	1	☼	6010B	Total/NA
Barium	86		1.2	0.20	mg/Kg	1	☼	6010B	Total/NA
Copper	81		2.5	0.62	mg/Kg	1	☼	6010B	Total/NA
Iron	9000		6.2	3.7	mg/Kg	1	☼	6010B	Total/NA
Lead	380		0.62	0.18	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-45 (1-2) — Lab Sample ID: 640-46930-19

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	23		12	3.0	mg/Kg	5	☼	6010B	Total/NA
Arsenic	54		3.0	1.4	mg/Kg	5	☼	6010B	Total/NA
Barium	1800		6.1	0.97	mg/Kg	5	☼	6010B	Total/NA
Copper	890		12	3.0	mg/Kg	5	☼	6010B	Total/NA
Iron	99000		30	18	mg/Kg	5	☼	6010B	Total/NA
Lead	5900		3.0	0.91	mg/Kg	5	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #4 Courts

TestAmerica Job ID: 640-46930-1

Client Sample ID: SB-40 (0-0.5)
Date Collected: 02/24/14 13:25
Date Received: 02/25/14 09:00

Lab Sample ID: 640-46930-1
Matrix: Solid
Percent Solids: 78.1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	15		13	3.2	mg/Kg	☼	02/25/14 14:15	02/26/14 10:21	5
Arsenic	35		3.2	1.5	mg/Kg	☼	02/25/14 14:15	02/26/14 10:21	5
Barium	860		6.3	1.0	mg/Kg	☼	02/25/14 14:15	02/26/14 10:21	5
Copper	580		13	3.2	mg/Kg	☼	02/25/14 14:15	02/26/14 10:21	5
Iron	82000		32	19	mg/Kg	☼	02/25/14 14:15	02/26/14 10:21	5
Lead	2700		3.2	0.95	mg/Kg	☼	02/25/14 14:15	02/26/14 10:21	5

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #4 Courts

TestAmerica Job ID: 640-46930-1

Client Sample ID: SB-40 (0.5-1)
Date Collected: 02/24/14 13:27
Date Received: 02/25/14 09:00

Lab Sample ID: 640-46930-2
Matrix: Solid
Percent Solids: 81.2

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	7.3		2.5	0.63	mg/Kg	☼	02/25/14 14:15	02/26/14 11:41	1
Arsenic	17		0.63	0.29	mg/Kg	☼	02/25/14 14:15	02/26/14 11:41	1
Barium	310		1.3	0.20	mg/Kg	☼	02/25/14 14:15	02/26/14 11:41	1
Copper	170		2.5	0.63	mg/Kg	☼	02/25/14 14:15	02/26/14 11:41	1
Iron	16000		6.3	3.8	mg/Kg	☼	02/25/14 14:15	02/26/14 11:41	1
Lead	580		0.63	0.19	mg/Kg	☼	02/25/14 14:15	02/26/14 11:41	1

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #4 Courts

TestAmerica Job ID: 640-46930-1

Client Sample ID: SB-40 (1-2)
Date Collected: 02/24/14 13:29
Date Received: 02/25/14 09:00

Lab Sample ID: 640-46930-3
Matrix: Solid
Percent Solids: 86.7

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	11		11	2.8	mg/Kg	☼	02/25/14 14:15	02/26/14 10:09	5
Arsenic	20		2.8	1.3	mg/Kg	☼	02/25/14 14:15	02/26/14 10:09	5
Barium	650		5.7	0.90	mg/Kg	☼	02/25/14 14:15	02/26/14 10:09	5
Copper	260		11	2.8	mg/Kg	☼	02/25/14 14:15	02/26/14 10:09	5
Iron	38000		28	17	mg/Kg	☼	02/25/14 14:15	02/26/14 10:09	5
Lead	1800		2.8	0.85	mg/Kg	☼	02/25/14 14:15	02/26/14 10:09	5

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #4 Courts

TestAmerica Job ID: 640-46930-1

Client Sample ID: SB-41 (0-0.5)
Date Collected: 02/24/14 13:55
Date Received: 02/25/14 09:00

Lab Sample ID: 640-46930-4
Matrix: Solid
Percent Solids: 82.9

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.1	I	2.4	0.60	mg/Kg	☼	02/25/14 14:15	02/26/14 11:44	1
Arsenic	6.5		0.60	0.27	mg/Kg	☼	02/25/14 14:15	02/26/14 11:44	1
Barium	46		1.2	0.19	mg/Kg	☼	02/25/14 14:15	02/26/14 11:44	1
Copper	88		2.4	0.60	mg/Kg	☼	02/25/14 14:15	02/26/14 11:44	1
Iron	8600		6.0	3.6	mg/Kg	☼	02/25/14 14:15	02/26/14 11:44	1
Lead	140		0.60	0.18	mg/Kg	☼	02/25/14 14:15	02/26/14 11:44	1

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #4 Courts

TestAmerica Job ID: 640-46930-1

Client Sample ID: SB-41 (0.5-1)
Date Collected: 02/24/14 13:57
Date Received: 02/25/14 09:00

Lab Sample ID: 640-46930-5
Matrix: Solid
Percent Solids: 91.3

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.54	U	2.1	0.54	mg/Kg	☼	02/25/14 14:15	02/26/14 10:31	1
Arsenic	**0.83**		0.54	0.25	mg/Kg	☼	02/25/14 14:15	02/26/14 10:31	1
Barium	**8.5**		1.1	0.17	mg/Kg	☼	02/25/14 14:15	02/26/14 10:31	1
Copper	**2.7**		2.1	0.54	mg/Kg	☼	02/25/14 14:15	02/26/14 10:31	1
Iron	**770**		5.4	3.2	mg/Kg	☼	02/25/14 14:15	02/26/14 10:31	1
Lead	**4.5**		0.54	0.16	mg/Kg	☼	02/25/14 14:15	02/26/14 10:31	1

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #4 Courts

TestAmerica Job ID: 640-46930-1

Client Sample ID: SB-41 (1-2)
Date Collected: 02/24/14 13:59
Date Received: 02/25/14 09:00

Lab Sample ID: 640-46930-6
Matrix: Solid
Percent Solids: 91.1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.56	U	2.2	0.56	mg/Kg	☼	02/25/14 14:15	02/26/14 10:35	1
Arsenic	0.26	U	0.56	0.26	mg/Kg	☼	02/25/14 14:15	02/26/14 10:35	1
Barium	**2.4**		1.1	0.18	mg/Kg	☼	02/25/14 14:15	02/26/14 10:35	1
Copper	0.56	U	2.2	0.56	mg/Kg	☼	02/25/14 14:15	02/26/14 10:35	1
Iron	**850**		5.6	3.4	mg/Kg	☼	02/25/14 14:15	02/26/14 10:35	1
Lead	**1.2**		0.56	0.17	mg/Kg	☼	02/25/14 14:15	02/26/14 10:35	1

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #4 Courts

TestAmerica Job ID: 640-46930-1

Client Sample ID: SB-42 (0-0.5)
Date Collected: 02/24/14 14:12
Date Received: 02/25/14 09:00

Lab Sample ID: 640-46930-7
Matrix: Solid
Percent Solids: 74.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.69	I	2.6	0.66	mg/Kg	☼	02/25/14 14:15	02/26/14 11:48	1
Arsenic	4.0		0.66	0.30	mg/Kg	☼	02/25/14 14:15	02/26/14 11:48	1
Barium	20		1.3	0.21	mg/Kg	☼	02/25/14 14:15	02/26/14 11:48	1
Copper	24		2.6	0.66	mg/Kg	☼	02/25/14 14:15	02/26/14 11:48	1
Iron	2000		6.6	4.0	mg/Kg	☼	02/25/14 14:15	02/26/14 11:48	1
Lead	47		0.66	0.20	mg/Kg	☼	02/25/14 14:15	02/26/14 11:48	1

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #4 Courts

TestAmerica Job ID: 640-46930-1

Client Sample ID: SB-42 (0.5-1)
Date Collected: 02/24/14 14:14
Date Received: 02/25/14 09:00

Lab Sample ID: 640-46930-8
Matrix: Solid
Percent Solids: 83.7

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.62	U	2.5	0.62	mg/Kg	☼	02/25/14 14:15	02/26/14 11:51	1
Arsenic	**2.8**		0.62	0.28	mg/Kg	☼	02/25/14 14:15	02/26/14 11:51	1
Barium	**18**		1.2	0.20	mg/Kg	☼	02/25/14 14:15	02/26/14 11:51	1
Copper	**18**		2.5	0.62	mg/Kg	☼	02/25/14 14:15	02/26/14 11:51	1
Iron	**1500**		6.2	3.7	mg/Kg	☼	02/25/14 14:15	02/26/14 11:51	1
Lead	**32**		0.62	0.18	mg/Kg	☼	02/25/14 14:15	02/26/14 11:51	1

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #4 Courts

TestAmerica Job ID: 640-46930-1

Client Sample ID: SB-42 (1-1.5)
Date Collected: 02/24/14 14:16
Date Received: 02/25/14 09:00

Lab Sample ID: 640-46930-9
Matrix: Solid
Percent Solids: 87.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	13		12	2.9	mg/Kg	☼	02/25/14 14:15	02/26/14 10:52	5
Arsenic	11		2.9	1.3	mg/Kg	☼	02/25/14 14:15	02/26/14 10:52	5
Barium	350		5.9	0.94	mg/Kg	☼	02/25/14 14:15	02/26/14 10:52	5
Copper	310		12	2.9	mg/Kg	☼	02/25/14 14:15	02/26/14 10:52	5
Iron	30000		29	18	mg/Kg	☼	02/25/14 14:15	02/26/14 10:52	5
Lead	930		2.9	0.88	mg/Kg	☼	02/25/14 14:15	02/26/14 10:52	5

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #4 Courts

TestAmerica Job ID: 640-46930-1

Client Sample ID: SB-42 (1.5-2)
Date Collected: 02/24/14 14:18
Date Received: 02/25/14 09:00

Lab Sample ID: 640-46930-10
Matrix: Solid
Percent Solids: 80.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	6.6	I	13	3.2	mg/Kg	☼	02/25/14 14:15	02/26/14 10:56	5
Arsenic	17		3.2	1.5	mg/Kg	☼	02/25/14 14:15	02/26/14 10:56	5
Barium	320		6.4	1.0	mg/Kg	☼	02/25/14 14:15	02/26/14 10:56	5
Copper	3300		13	3.2	mg/Kg	☼	02/25/14 14:15	02/26/14 10:56	5
Iron	31000		32	19	mg/Kg	☼	02/25/14 14:15	02/26/14 10:56	5
Lead	400		3.2	0.96	mg/Kg	☼	02/25/14 14:15	02/26/14 10:56	5

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #4 Courts

TestAmerica Job ID: 640-46930-1

Client Sample ID: SB-43 (0-0.5)
Date Collected: 02/24/14 13:45
Date Received: 02/25/14 09:00

Lab Sample ID: 640-46930-11
Matrix: Solid
Percent Solids: 85.8

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.0	I	2.4	0.59	mg/Kg	☼	02/25/14 14:15	02/26/14 11:55	1
Arsenic	5.5		0.59	0.27	mg/Kg	☼	02/25/14 14:15	02/26/14 11:55	1
Barium	42		1.2	0.19	mg/Kg	☼	02/25/14 14:15	02/26/14 11:55	1
Copper	39		2.4	0.59	mg/Kg	☼	02/25/14 14:15	02/26/14 11:55	1
Iron	3300		5.9	3.6	mg/Kg	☼	02/25/14 14:15	02/26/14 11:55	1
Lead	60		0.59	0.18	mg/Kg	☼	02/25/14 14:15	02/26/14 11:55	1

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #4 Courts

TestAmerica Job ID: 640-46930-1

Client Sample ID: SB-43 (0.5-1)
Date Collected: 02/24/14 13:48
Date Received: 02/25/14 09:00

Lab Sample ID: 640-46930-12
Matrix: Solid
Percent Solids: 93.2

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.1	I	2.1	0.52	mg/Kg	☼	02/25/14 14:15	02/26/14 11:02	1
Arsenic	2.6		0.52	0.24	mg/Kg	☼	02/25/14 14:15	02/26/14 11:02	1
Barium	33		1.0	0.17	mg/Kg	☼	02/25/14 14:15	02/26/14 11:02	1
Copper	22		2.1	0.52	mg/Kg	☼	02/25/14 14:15	02/26/14 11:02	1
Iron	2900		5.2	3.1	mg/Kg	☼	02/25/14 14:15	02/26/14 11:02	1
Lead	82		0.52	0.16	mg/Kg	☼	02/25/14 14:15	02/26/14 11:02	1

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #4 Courts

TestAmerica Job ID: 640-46930-1

Client Sample ID: SB-43 (1-2)
Date Collected: 02/24/14 13:51
Date Received: 02/25/14 09:00

Lab Sample ID: 640-46930-13
Matrix: Solid
Percent Solids: 86.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	15		11	2.9	mg/Kg	☼	02/25/14 14:15	02/26/14 11:06	5
Arsenic	37		2.9	1.3	mg/Kg	☼	02/25/14 14:15	02/26/14 11:06	5
Barium	580		5.7	0.91	mg/Kg	☼	02/25/14 14:15	02/26/14 11:06	5
Copper	560		11	2.9	mg/Kg	☼	02/25/14 14:15	02/26/14 11:06	5
Iron	41000		29	17	mg/Kg	☼	02/25/14 14:15	02/26/14 11:06	5
Lead	1700		2.9	0.86	mg/Kg	☼	02/25/14 14:15	02/26/14 11:06	5

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #4 Courts

TestAmerica Job ID: 640-46930-1

Client Sample ID: SB-44 (0-0.5)
Date Collected: 02/24/14 13:35
Date Received: 02/25/14 09:00

Lab Sample ID: 640-46930-14
Matrix: Solid
Percent Solids: 84.9

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.5	I	2.4	0.60	mg/Kg	☼	02/25/14 14:15	02/26/14 11:59	1
Arsenic	5.3		0.60	0.27	mg/Kg	☼	02/25/14 14:15	02/26/14 11:59	1
Barium	36		1.2	0.19	mg/Kg	☼	02/25/14 14:15	02/26/14 11:59	1
Copper	55		2.4	0.60	mg/Kg	☼	02/25/14 14:15	02/26/14 11:59	1
Iron	4400		6.0	3.6	mg/Kg	☼	02/25/14 14:15	02/26/14 11:59	1
Lead	100		0.60	0.18	mg/Kg	☼	02/25/14 14:15	02/26/14 11:59	1

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #4 Courts

TestAmerica Job ID: 640-46930-1

Client Sample ID: SB-44 (0.5-1)
Date Collected: 02/24/14 13:37
Date Received: 02/25/14 09:00

Lab Sample ID: 640-46930-15
Matrix: Solid
Percent Solids: 91.7

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.6	I	2.1	0.53	mg/Kg	☼	02/25/14 14:15	02/26/14 11:13	1
Arsenic	3.6		0.53	0.24	mg/Kg	☼	02/25/14 14:15	02/26/14 11:13	1
Barium	48		1.1	0.17	mg/Kg	☼	02/25/14 14:15	02/26/14 11:13	1
Copper	45		2.1	0.53	mg/Kg	☼	02/25/14 14:15	02/26/14 11:13	1
Iron	4700		5.3	3.2	mg/Kg	☼	02/25/14 14:15	02/26/14 11:13	1
Lead	130		0.53	0.16	mg/Kg	☼	02/25/14 14:15	02/26/14 11:13	1

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #4 Courts

TestAmerica Job ID: 640-46930-1

Client Sample ID: SB-44 (1-2)
Date Collected: 02/24/14 13:39
Date Received: 02/25/14 09:00

Lab Sample ID: 640-46930-16
Matrix: Solid
Percent Solids: 79.5

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	35		25	6.3	mg/Kg	☼	02/25/14 14:15	02/26/14 12:11	10
Arsenic	68		6.3	2.9	mg/Kg	☼	02/25/14 14:15	02/26/14 12:11	10
Barium	1400		13	2.0	mg/Kg	☼	02/25/14 14:15	02/26/14 12:11	10
Copper	1400		25	6.3	mg/Kg	☼	02/25/14 14:15	02/26/14 12:11	10
Iron	140000		63	38	mg/Kg	☼	02/25/14 14:15	02/26/14 12:11	10
Lead	3100		6.3	1.9	mg/Kg	☼	02/25/14 14:15	02/26/14 12:11	10

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #4 Courts

TestAmerica Job ID: 640-46930-1

Client Sample ID: SB-45 (0-0.5)
Date Collected: 02/24/14 13:15
Date Received: 02/25/14 09:00

Lab Sample ID: 640-46930-17
Matrix: Solid
Percent Solids: 63.8

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	12		3.2	0.81	mg/Kg	☼	02/26/14 07:21	02/27/14 09:42	1
Arsenic	10		0.81	0.37	mg/Kg	☼	02/26/14 07:21	02/27/14 09:42	1
Barium	90		1.6	0.26	mg/Kg	☼	02/26/14 07:21	02/27/14 09:42	1
Copper	91		3.2	0.81	mg/Kg	☼	02/26/14 07:21	02/27/14 09:42	1
Iron	8500		8.1	4.8	mg/Kg	☼	02/26/14 07:21	02/27/14 09:42	1
Lead	1100		0.81	0.24	mg/Kg	☼	02/26/14 07:21	02/27/14 09:42	1

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #4 Courts

TestAmerica Job ID: 640-46930-1

Client Sample ID: SB-45 (0.5-1)
Date Collected: 02/24/14 13:17
Date Received: 02/25/14 09:00

Lab Sample ID: 640-46930-18
Matrix: Solid
Percent Solids: 82.8

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	3.2		2.5	0.62	mg/Kg	☼	02/26/14 07:21	02/27/14 09:46	1
Arsenic	9.2		0.62	0.28	mg/Kg	☼	02/26/14 07:21	02/27/14 09:46	1
Barium	86		1.2	0.20	mg/Kg	☼	02/26/14 07:21	02/27/14 09:46	1
Copper	81		2.5	0.62	mg/Kg	☼	02/26/14 07:21	02/27/14 09:46	1
Iron	9000		6.2	3.7	mg/Kg	☼	02/26/14 07:21	02/27/14 09:46	1
Lead	380		0.62	0.18	mg/Kg	☼	02/26/14 07:21	02/27/14 09:46	1

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #4 Courts

TestAmerica Job ID: 640-46930-1

Client Sample ID: SB-45 (1-2)
Date Collected: 02/24/14 13:19
Date Received: 02/25/14 09:00

Lab Sample ID: 640-46930-19
Matrix: Solid
Percent Solids: 79.9

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	23		12	3.0	mg/Kg	☼	02/26/14 07:21	02/27/14 10:29	5
Arsenic	54		3.0	1.4	mg/Kg	☼	02/26/14 07:21	02/27/14 10:29	5
Barium	1800		6.1	0.97	mg/Kg	☼	02/26/14 07:21	02/27/14 10:29	5
Copper	890		12	3.0	mg/Kg	☼	02/26/14 07:21	02/27/14 10:29	5
Iron	99000		30	18	mg/Kg	☼	02/26/14 07:21	02/27/14 10:29	5
Lead	5900		3.0	0.91	mg/Kg	☼	02/26/14 07:21	02/27/14 10:29	5

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 660-146477/1-A
Matrix: Solid
Analysis Batch: 146501

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 146477

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.50	U	2.0	0.50	mg/Kg		02/25/14 14:15	02/26/14 09:22	1
Arsenic	0.23	U	0.50	0.23	mg/Kg		02/25/14 14:15	02/26/14 09:22	1
Barium	0.16	U	1.0	0.16	mg/Kg		02/25/14 14:15	02/26/14 09:22	1
Copper	0.50	U	2.0	0.50	mg/Kg		02/25/14 14:15	02/26/14 09:22	1
Iron	3.0	U	5.0	3.0	mg/Kg		02/25/14 14:15	02/26/14 09:22	1
Lead	0.15	U	0.50	0.15	mg/Kg		02/25/14 14:15	02/26/14 09:22	1

Lab Sample ID: LCS 660-146477/2-A
Matrix: Solid
Analysis Batch: 146501

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 146477

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	50.0	49.0		mg/Kg		98	75 - 125
Arsenic	50.0	49.3		mg/Kg		99	75 - 125
Barium	50.0	50.8		mg/Kg		102	75 - 125
Copper	50.0	51.6		mg/Kg		103	75 - 125
Iron	50.0	52.5		mg/Kg		105	75 - 125
Lead	50.0	51.1		mg/Kg		102	75 - 125

Lab Sample ID: 640-46930-3 MS
Matrix: Solid
Analysis Batch: 146501

Client Sample ID: SB-40 (1-2)
Prep Type: Total/NA
Prep Batch: 146477

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	11		56.5	57.9		mg/Kg	☼	83	75 - 125
Arsenic	20		56.5	75.3		mg/Kg	☼	98	75 - 125
Barium	650		56.5	592	J3	mg/Kg	☼	-103	75 - 125
Copper	260		56.5	512	J3	mg/Kg	☼	453	75 - 125
Iron	38000		56.5	46700	J3	mg/Kg	☼	14580	75 - 125
Lead	1800		56.5	3140	J3	mg/Kg	☼	2298	75 - 125

Lab Sample ID: 640-46930-3 MSD
Matrix: Solid
Analysis Batch: 146501

Client Sample ID: SB-40 (1-2)
Prep Type: Total/NA
Prep Batch: 146477

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	11		57.1	57.5		mg/Kg	☼	82	75 - 125	1	20
Arsenic	20		57.1	73.3		mg/Kg	☼	93	75 - 125	3	20
Barium	650		57.1	549	J3	mg/Kg	☼	-177	75 - 125	7	20
Copper	260		57.1	367	J3	mg/Kg	☼	193	75 - 125	33	20
Iron	38000		57.1	33600	J3	mg/Kg	☼	-8537	75 - 125	33	20
Lead	1800		57.1	1280	J3	mg/Kg	☼	-989	75 - 125	84	20

Lab Sample ID: MB 660-146490/1-A
Matrix: Solid
Analysis Batch: 146534

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 146490

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.50	U	2.0	0.50	mg/Kg		02/26/14 07:21	02/27/14 08:19	1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: MB 660-146490/1-A
Matrix: Solid
Analysis Batch: 146534

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 146490

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.23	U	0.50	0.23	mg/Kg		02/26/14 07:21	02/27/14 08:19	1
Barium	0.16	U	1.0	0.16	mg/Kg		02/26/14 07:21	02/27/14 08:19	1
Copper	0.50	U	2.0	0.50	mg/Kg		02/26/14 07:21	02/27/14 08:19	1
Iron	3.0	U	5.0	3.0	mg/Kg		02/26/14 07:21	02/27/14 08:19	1
Lead	0.15	U	0.50	0.15	mg/Kg		02/26/14 07:21	02/27/14 08:19	1

Lab Sample ID: LCS 660-146490/2-A
Matrix: Solid
Analysis Batch: 146534

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 146490

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	50.0	49.0		mg/Kg		98	75 - 125
Arsenic	50.0	49.3		mg/Kg		99	75 - 125
Barium	50.0	52.1		mg/Kg		104	75 - 125
Copper	50.0	51.4		mg/Kg		103	75 - 125
Iron	50.0	53.8		mg/Kg		108	75 - 125
Lead	50.0	50.5		mg/Kg		101	75 - 125

Metals

Prep Batch: 146477

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46930-1	SB-40 (0-0.5)	Total/NA	Solid	3050B	
640-46930-2	SB-40 (0.5-1)	Total/NA	Solid	3050B	
640-46930-3	SB-40 (1-2)	Total/NA	Solid	3050B	
640-46930-3 MS	SB-40 (1-2)	Total/NA	Solid	3050B	
640-46930-3 MSD	SB-40 (1-2)	Total/NA	Solid	3050B	
640-46930-4	SB-41 (0-0.5)	Total/NA	Solid	3050B	
640-46930-5	SB-41 (0.5-1)	Total/NA	Solid	3050B	
640-46930-6	SB-41 (1-2)	Total/NA	Solid	3050B	
640-46930-7	SB-42 (0-0.5)	Total/NA	Solid	3050B	
640-46930-8	SB-42 (0.5-1)	Total/NA	Solid	3050B	
640-46930-9	SB-42 (1-1.5)	Total/NA	Solid	3050B	
640-46930-10	SB-42 (1.5-2)	Total/NA	Solid	3050B	
640-46930-11	SB-43 (0-0.5)	Total/NA	Solid	3050B	
640-46930-12	SB-43 (0.5-1)	Total/NA	Solid	3050B	
640-46930-13	SB-43 (1-2)	Total/NA	Solid	3050B	
640-46930-14	SB-44 (0-0.5)	Total/NA	Solid	3050B	
640-46930-15	SB-44 (0.5-1)	Total/NA	Solid	3050B	
640-46930-16	SB-44 (1-2)	Total/NA	Solid	3050B	
LCS 660-146477/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 660-146477/1-A	Method Blank	Total/NA	Solid	3050B	

Prep Batch: 146490

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46930-17	SB-45 (0-0.5)	Total/NA	Solid	3050B	
640-46930-18	SB-45 (0.5-1)	Total/NA	Solid	3050B	
640-46930-19	SB-45 (1-2)	Total/NA	Solid	3050B	
LCS 660-146490/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 660-146490/1-A	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 146501

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46930-1	SB-40 (0-0.5)	Total/NA	Solid	6010B	146477
640-46930-2	SB-40 (0.5-1)	Total/NA	Solid	6010B	146477
640-46930-3	SB-40 (1-2)	Total/NA	Solid	6010B	146477
640-46930-3 MS	SB-40 (1-2)	Total/NA	Solid	6010B	146477
640-46930-3 MSD	SB-40 (1-2)	Total/NA	Solid	6010B	146477
640-46930-4	SB-41 (0-0.5)	Total/NA	Solid	6010B	146477
640-46930-5	SB-41 (0.5-1)	Total/NA	Solid	6010B	146477
640-46930-6	SB-41 (1-2)	Total/NA	Solid	6010B	146477
640-46930-7	SB-42 (0-0.5)	Total/NA	Solid	6010B	146477
640-46930-8	SB-42 (0.5-1)	Total/NA	Solid	6010B	146477
640-46930-9	SB-42 (1-1.5)	Total/NA	Solid	6010B	146477
640-46930-10	SB-42 (1.5-2)	Total/NA	Solid	6010B	146477
640-46930-11	SB-43 (0-0.5)	Total/NA	Solid	6010B	146477
640-46930-12	SB-43 (0.5-1)	Total/NA	Solid	6010B	146477
640-46930-13	SB-43 (1-2)	Total/NA	Solid	6010B	146477
640-46930-14	SB-44 (0-0.5)	Total/NA	Solid	6010B	146477
640-46930-15	SB-44 (0.5-1)	Total/NA	Solid	6010B	146477
640-46930-16	SB-44 (1-2)	Total/NA	Solid	6010B	146477
LCS 660-146477/2-A	Lab Control Sample	Total/NA	Solid	6010B	146477
MB 660-146477/1-A	Method Blank	Total/NA	Solid	6010B	146477

Metals (Continued)

Analysis Batch: 146534

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46930-17	SB-45 (0-0.5)	Total/NA	Solid	6010B	146490
640-46930-18	SB-45 (0.5-1)	Total/NA	Solid	6010B	146490
640-46930-19	SB-45 (1-2)	Total/NA	Solid	6010B	146490
LCS 660-146490/2-A	Lab Control Sample	Total/NA	Solid	6010B	146490
MB 660-146490/1-A	Method Blank	Total/NA	Solid	6010B	146490

General Chemistry

Analysis Batch: 146493

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46930-1	SB-40 (0-0.5)	Total/NA	Solid	Moisture	
640-46930-2	SB-40 (0.5-1)	Total/NA	Solid	Moisture	
640-46930-3	SB-40 (1-2)	Total/NA	Solid	Moisture	
640-46930-4	SB-41 (0-0.5)	Total/NA	Solid	Moisture	
640-46930-5	SB-41 (0.5-1)	Total/NA	Solid	Moisture	
640-46930-6	SB-41 (1-2)	Total/NA	Solid	Moisture	
640-46930-7	SB-42 (0-0.5)	Total/NA	Solid	Moisture	
640-46930-8	SB-42 (0.5-1)	Total/NA	Solid	Moisture	
640-46930-9	SB-42 (1-1.5)	Total/NA	Solid	Moisture	
640-46930-10	SB-42 (1.5-2)	Total/NA	Solid	Moisture	
640-46930-11	SB-43 (0-0.5)	Total/NA	Solid	Moisture	
640-46930-12	SB-43 (0.5-1)	Total/NA	Solid	Moisture	
640-46930-13	SB-43 (1-2)	Total/NA	Solid	Moisture	

Analysis Batch: 146507

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46930-14	SB-44 (0-0.5)	Total/NA	Solid	Moisture	
640-46930-14 DU	SB-44 (0-0.5)	Total/NA	Solid	Moisture	
640-46930-15	SB-44 (0.5-1)	Total/NA	Solid	Moisture	
640-46930-16	SB-44 (1-2)	Total/NA	Solid	Moisture	
640-46930-17	SB-45 (0-0.5)	Total/NA	Solid	Moisture	
640-46930-18	SB-45 (0.5-1)	Total/NA	Solid	Moisture	
640-46930-19	SB-45 (1-2)	Total/NA	Solid	Moisture	

Lab Chronicle

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #4 Courts

TestAmerica Job ID: 640-46930-1

Client Sample ID: SB-40 (0-0.5)

Lab Sample ID: 640-46930-1
Date Collected: 02/24/14 13:25
Matrix: Solid
Date Received: 02/25/14 09:00
Percent Solids: 78.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146477	02/25/14 14:15	GAF	TAL TAM
Total/NA	Analysis	6010B		5	146501	02/26/14 10:21	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146493	02/26/14 07:03	AJG	TAL TAM

Client Sample ID: SB-40 (0.5-1)

Lab Sample ID: 640-46930-2
Date Collected: 02/24/14 13:27
Matrix: Solid
Date Received: 02/25/14 09:00
Percent Solids: 81.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146477	02/25/14 14:15	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146501	02/26/14 11:41	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146493	02/26/14 07:02	AJG	TAL TAM

Client Sample ID: SB-40 (1-2)

Lab Sample ID: 640-46930-3
Date Collected: 02/24/14 13:29
Matrix: Solid
Date Received: 02/25/14 09:00
Percent Solids: 86.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146477	02/25/14 14:15	GAF	TAL TAM
Total/NA	Analysis	6010B		5	146501	02/26/14 10:09	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146493	02/26/14 07:20	AJG	TAL TAM

Client Sample ID: SB-41 (0-0.5)

Lab Sample ID: 640-46930-4
Date Collected: 02/24/14 13:55
Matrix: Solid
Date Received: 02/25/14 09:00
Percent Solids: 82.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146477	02/25/14 14:15	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146501	02/26/14 11:44	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146493	02/26/14 07:21	AJG	TAL TAM

Client Sample ID: SB-41 (0.5-1)

Lab Sample ID: 640-46930-5
Date Collected: 02/24/14 13:57
Matrix: Solid
Date Received: 02/25/14 09:00
Percent Solids: 91.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146477	02/25/14 14:15	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146501	02/26/14 10:31	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146493	02/26/14 07:36	AJG	TAL TAM

Lab Chronicle

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #4 Courts

TestAmerica Job ID: 640-46930-1

Client Sample ID: SB-41 (1-2)

Lab Sample ID: 640-46930-6
Date Collected: 02/24/14 13:59
Matrix: Solid
Date Received: 02/25/14 09:00
Percent Solids: 91.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146477	02/25/14 14:15	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146501	02/26/14 10:35	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146493	02/26/14 07:35	AJG	TAL TAM

Client Sample ID: SB-42 (0-0.5)

Lab Sample ID: 640-46930-7
Date Collected: 02/24/14 14:12
Matrix: Solid
Date Received: 02/25/14 09:00
Percent Solids: 74.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146477	02/25/14 14:15	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146501	02/26/14 11:48	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146493	02/26/14 08:02	AJG	TAL TAM

Client Sample ID: SB-42 (0.5-1)

Lab Sample ID: 640-46930-8
Date Collected: 02/24/14 14:14
Matrix: Solid
Date Received: 02/25/14 09:00
Percent Solids: 83.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146477	02/25/14 14:15	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146501	02/26/14 11:51	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146493	02/26/14 07:50	AJG	TAL TAM

Client Sample ID: SB-42 (1-1.5)

Lab Sample ID: 640-46930-9
Date Collected: 02/24/14 14:16
Matrix: Solid
Date Received: 02/25/14 09:00
Percent Solids: 87.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146477	02/25/14 14:15	GAF	TAL TAM
Total/NA	Analysis	6010B		5	146501	02/26/14 10:52	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146493	02/26/14 08:01	AJG	TAL TAM

Client Sample ID: SB-42 (1.5-2)

Lab Sample ID: 640-46930-10
Date Collected: 02/24/14 14:18
Matrix: Solid
Date Received: 02/25/14 09:00
Percent Solids: 80.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146477	02/25/14 14:15	GAF	TAL TAM
Total/NA	Analysis	6010B		5	146501	02/26/14 10:56	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146493	02/26/14 08:27	AJG	TAL TAM

Client Sample ID: SB-43 (0-0.5)

Lab Sample ID: 640-46930-11

Date Collected: 02/24/14 13:45
Matrix: Solid
Date Received: 02/25/14 09:00
Percent Solids: 85.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146477	02/25/14 14:15	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146501	02/26/14 11:55	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146493	02/26/14 08:22	AJG	TAL TAM

Client Sample ID: SB-43 (0.5-1)

Lab Sample ID: 640-46930-12

Date Collected: 02/24/14 13:48
Matrix: Solid
Date Received: 02/25/14 09:00
Percent Solids: 93.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146477	02/25/14 14:15	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146501	02/26/14 11:02	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146493	02/26/14 08:27	AJG	TAL TAM

Client Sample ID: SB-43 (1-2)

Lab Sample ID: 640-46930-13

Date Collected: 02/24/14 13:51
Matrix: Solid
Date Received: 02/25/14 09:00
Percent Solids: 86.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146477	02/25/14 14:15	GAF	TAL TAM
Total/NA	Analysis	6010B		5	146501	02/26/14 11:06	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146493	02/26/14 08:52	AJG	TAL TAM

Client Sample ID: SB-44 (0-0.5)

Lab Sample ID: 640-46930-14

Date Collected: 02/24/14 13:35
Matrix: Solid
Date Received: 02/25/14 09:00
Percent Solids: 84.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146477	02/25/14 14:15	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146501	02/26/14 11:59	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146507	02/26/14 09:05	AJG	TAL TAM

Client Sample ID: SB-44 (0.5-1)

Lab Sample ID: 640-46930-15

Date Collected: 02/24/14 13:37
Matrix: Solid
Date Received: 02/25/14 09:00
Percent Solids: 91.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146477	02/25/14 14:15	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146501	02/26/14 11:13	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146507	02/26/14 10:05	AJG	TAL TAM

Lab Chronicle

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #4 Courts

TestAmerica Job ID: 640-46930-1

Client Sample ID: SB-44 (1-2)

Lab Sample ID: 640-46930-16

Date Collected: 02/24/14 13:39
Matrix: Solid
Date Received: 02/25/14 09:00
Percent Solids: 79.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146477	02/25/14 14:15	GAF	TAL TAM
Total/NA	Analysis	6010B		10	146501	02/26/14 12:11	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146507	02/26/14 09:29	AJG	TAL TAM

Client Sample ID: SB-45 (0-0.5)

Lab Sample ID: 640-46930-17

Date Collected: 02/24/14 13:15
Matrix: Solid
Date Received: 02/25/14 09:00
Percent Solids: 63.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146490	02/26/14 07:21	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146534	02/27/14 09:42	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146507	02/26/14 09:39	AJG	TAL TAM

Client Sample ID: SB-45 (0.5-1)

Lab Sample ID: 640-46930-18

Date Collected: 02/24/14 13:17
Matrix: Solid
Date Received: 02/25/14 09:00
Percent Solids: 82.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146490	02/26/14 07:21	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146534	02/27/14 09:46	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146507	02/26/14 09:46	AJG	TAL TAM

Client Sample ID: SB-45 (1-2)

Lab Sample ID: 640-46930-19

Date Collected: 02/24/14 13:19
Matrix: Solid
Date Received: 02/25/14 09:00
Percent Solids: 79.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146490	02/26/14 07:21	GAF	TAL TAM
Total/NA	Analysis	6010B		5	146534	02/27/14 10:29	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146507	02/26/14 09:53	AJG	TAL TAM

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #4 Courts

TestAmerica Job ID: 640-46930-1

Laboratory: TestAmerica Tallahassee

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E81005	06-30-14
Georgia	State Program	4		06-30-14
Louisiana	NELAP	6	30663	06-30-14
New Jersey	NELAP	2	FL012	06-30-14
Texas	NELAP	6	T104704459-11-2	03-31-14
USDA	Federal		P330-08-00158	08-05-14

Laboratory: TestAmerica Tampa

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alabama	State Program	4	40610	06-30-14
Florida	NELAP	4	E84282	06-30-14
Georgia	State Program	4	905	06-30-14
USDA	Federal		P330-11-00177	04-20-14

Method Summary

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #4 Courts

TestAmerica Job ID: 640-46930-1

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL TAM
Moisture	Percent Moisture	EPA	TAL TAM

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Sample Summary

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #4 Courts

TestAmerica Job ID: 640-46930-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
640-46930-1	SB-40 (0-0.5)	Solid	02/24/14 13:25	02/25/14 09:00
640-46930-2	SB-40 (0.5-1)	Solid	02/24/14 13:27	02/25/14 09:00
640-46930-3	SB-40 (1-2)	Solid	02/24/14 13:29	02/25/14 09:00
640-46930-4	SB-41 (0-0.5)	Solid	02/24/14 13:55	02/25/14 09:00
640-46930-5	SB-41 (0.5-1)	Solid	02/24/14 13:57	02/25/14 09:00
640-46930-6	SB-41 (1-2)	Solid	02/24/14 13:59	02/25/14 09:00
640-46930-7	SB-42 (0-0.5)	Solid	02/24/14 14:12	02/25/14 09:00
640-46930-8	SB-42 (0.5-1)	Solid	02/24/14 14:14	02/25/14 09:00
640-46930-9	SB-42 (1-1.5)	Solid	02/24/14 14:16	02/25/14 09:00
640-46930-10	SB-42 (1.5-2)	Solid	02/24/14 14:18	02/25/14 09:00
640-46930-11	SB-43 (0-0.5)	Solid	02/24/14 13:45	02/25/14 09:00
640-46930-12	SB-43 (0.5-1)	Solid	02/24/14 13:48	02/25/14 09:00
640-46930-13	SB-43 (1-2)	Solid	02/24/14 13:51	02/25/14 09:00
640-46930-14	SB-44 (0-0.5)	Solid	02/24/14 13:35	02/25/14 09:00
640-46930-15	SB-44 (0.5-1)	Solid	02/24/14 13:37	02/25/14 09:00
640-46930-16	SB-44 (1-2)	Solid	02/24/14 13:39	02/25/14 09:00
640-46930-17	SB-45 (0-0.5)	Solid	02/24/14 13:15	02/25/14 09:00
640-46930-18	SB-45 (0.5-1)	Solid	02/24/14 13:17	02/25/14 09:00
640-46930-19	SB-45 (1-2)	Solid	02/24/14 13:19	02/25/14 09:00

TestAmerica Tallahassee
2846 Industrial Plaza Drive

Tallahassee, FL 32301
phone 850.878.3994 fax

Chain of Custody Record

AREA # 4 - COURTS.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Eddy Smith	Site Contact: Brittney Odom	Date:	COC No: 640-46930.1
SCS Engineers	Tel/Fax:	Lab Contact: Amy Marks	Carrier:	____ of ____ COCs
7700 North Kendall Drive	Analysis Turnaround Time			Sampler:
Miami, Florida 33156	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
305.412.8185 Phone	TAT if different from Below ____			Walk-in Client:
305.412.8105 FAX	☐ 2 weeks			Lab Sampling:
Project Name: Curtis Park	☐ 1 week			
Site: 1901 NW 24th Ave, Miami, FL	☐ 2 days			Job / SDG No.:
P O #	☐ 1 day			640-46930

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	[redacted]	Dioxins (8290)	PCBs (8082)	Metal #1	Metal #2	Sample Specific Notes:
SB-40 (0-0.5)	24-Feb-14	13:25	C	So							X		Metals #1
SB-40 (0.5-1)	24-Feb-14	13:27	C	So							X		Sb, As, Cu, Ba, Fe, Pb
SB-40 (1-2)	24-Feb-14	13:29	C	So							X		
SB-41 (0-0.5)	"	13:55	C	So							X		Metals #2
SB-41 (0.5-1)	"	13:57	C	So							X		Cd, Cr, Hg, Se & Ag
SB-41 (1-2)	"	13:59	C	So							X		
SB-42 (0-0.5)	"	14:12	C	So							X		
SB-42 (0.5-1)	"	14:14	C	So							X		
SB-42 (1-1.5)	"	14:16	C	So							X		
SB-42 (1.5-2)	"	14:18	C	So							X		
SB-43 (0-0.5)	"	13:45	C	So							X		
SB-43 (0.5-1)	"	13:48	C	So							X		

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other

640-46930 Chain of Custody

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for ____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: ____ Corr'd: ____ | Therm ID No.: ____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	SCS ES	24-Feb-14 15:00	[signature]	TA	2/24/14 1500
Relinquished by:	Company:	Date/Time:	Received by: Carol McTubby	Company: TA Tampa	Date/Time: 2/25/14 0900
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

4.9 5.1 C Cu 7

TestAmerica Tallahassee
2846 Industrial Plaza Drive

Tallahassee, FL 32301
phone 850.878.3994 fax

Chain of Custody Record

AREA #4 - COURTS.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Eddy Smith	Site Contact: Brittney Odom	Date:	COC No: 640-46930.2
SCS Engineers	Tel/Fax:	Lab Contact: Amy Marks	Carrier:	____ of ____ COCs
7700 North Kendall Drive	**Analysis Turnaround Time**			Sampler:
Miami, Florida 33156	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
305.412.8185 Phone	TAT if different from Below ____			Walk-in Client:
305.412.8105 FAX	☐ 2 weeks			Lab Sampling:
Project Name: Curtis Park	☐ 1 week			
Site: 1901 NW 24th Ave, Miami, FL	☐ 2 days			Job / SDG No.: 640-46930
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	[redacted]	Dioxins (8290)	PCBs (8082)	Metals #1	Metals #2	Sample Specific Notes:
SB-43 (1-2)	24-Feb-14	13:51	C								X		Metals #1
SB-44 (0-0.5)	"	13:35	C								X		Sb, As, Ba, Cu, Fe, Pb
SB-44 (0.5-1)	"	13:37	C								X		
SB-44 (1-2)	"	13:39	C								X		~~Metals #2~~ } MP.
SB-45 (0-0.5)	"	13:15	C								X		~~Sb, As, Ba~~ }
SB-45 (0.5-1)	"	13:17	C								X		
SB-45 (1-2)	"	13:19	C								X		Metals #2
													Ca, Cr, Hg, Se, & Ag

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other: ____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for ____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: ____ Corr'd: ____ | Therm ID No.: ____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	SCS ES	24-Feb-14 15:00	[signature]	FTA	2/24/14 1500
Relinquished by: [signature]	Company:	Date/Time:	Received by: Carol McMullty	Company: TA Tampa	Date/Time: 2/25/14 0900
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

3/4/2014

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tallahassee
2846 Industrial Plaza Drive
Tallahassee, FL 32301
Tel: (850)878-3994

TestAmerica Job ID: 640-46975-1
Client Project/Site: Curtis Park - Area #5 Western Bleachers

For:
SCS ES Consultants
7700 N. Kendall Drive, Suite 300
Miami, Florida 33156

Attn: Mr. Bob Speed

Authorized for release by:
3/5/2014 3:37:33 PM

Amy Marks, Project Manager II
(850)878-3994
amy.marks@testamericainc.com

Table of Contents

Definitions/Glossary

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #5 Western Bleachers

TestAmerica Job ID: 640-46975-1

Qualifiers

Metals

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 640-46975-1

Laboratory: TestAmerica Tallahassee

Narrative

Job Narrative
640-46975-1

Comments
No additional comments.

Receipt
The samples were received on 2/26/2014 at 8:40 AM. The samples arrived in good condition, properly preserved, and on ice. The temperatures of the 2 coolers at receipt time were 4.4º C and 4.7º C.

Metals
Method 6010B: The following samples were diluted due to high levels of Iron and other non-target analytes in the matrix that caused an interference with target analytes: SB-46 (0-0.5) (640-46975-1), SB-46 (0.5-2) (640-46975-2), and SB-49 (0.5-2) (640-46975-4). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #5 Western Bleachers

TestAmerica Job ID: 640-46975-1

Client Sample ID: SB-46 (0-0.5) — Lab Sample ID: 640-46975-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	33		12	3.1	mg/Kg	5	☼	6010B	Total/NA
Arsenic	27		3.1	1.4	mg/Kg	5	☼	6010B	Total/NA
Barium	620		6.2	0.98	mg/Kg	5	☼	6010B	Total/NA
Copper	510		12	3.1	mg/Kg	5	☼	6010B	Total/NA
Iron	45000		31	18	mg/Kg	5	☼	6010B	Total/NA
Lead	1200		3.1	0.92	mg/Kg	5	☼	6010B	Total/NA

Client Sample ID: SB-46 (0.5-2) — Lab Sample ID: 640-46975-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	21		11	2.8	mg/Kg	5	☼	6010B	Total/NA
Arsenic	31		2.8	1.3	mg/Kg	5	☼	6010B	Total/NA
Barium	820		5.7	0.91	mg/Kg	5	☼	6010B	Total/NA
Copper	980		11	2.8	mg/Kg	5	☼	6010B	Total/NA
Iron	100000		28	17	mg/Kg	5	☼	6010B	Total/NA
Lead	2300		2.8	0.85	mg/Kg	5	☼	6010B	Total/NA

Client Sample ID: SB-49 (0-0.5) — Lab Sample ID: 640-46975-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	5.9		2.4	0.59	mg/Kg	1	☼	6010B	Total/NA
Arsenic	12		0.59	0.27	mg/Kg	1	☼	6010B	Total/NA
Barium	220		1.2	0.19	mg/Kg	1	☼	6010B	Total/NA
Cadmium	1.3		0.59	0.10	mg/Kg	1	☼	6010B	Total/NA
Chromium	24		1.2	0.20	mg/Kg	1	☼	6010B	Total/NA
Copper	140		2.4	0.59	mg/Kg	1	☼	6010B	Total/NA
Iron	17000		5.9	3.6	mg/Kg	1	☼	6010B	Total/NA
Lead	430		0.59	0.18	mg/Kg	1	☼	6010B	Total/NA
Silver	0.89	I	1.2	0.22	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.037		0.034	0.014	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB-49 (0.5-2) — Lab Sample ID: 640-46975-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	14		11	2.9	mg/Kg	5	☼	6010B	Total/NA
Arsenic	19		2.9	1.3	mg/Kg	5	☼	6010B	Total/NA
Barium	710		5.7	0.92	mg/Kg	5	☼	6010B	Total/NA
Copper	270		11	2.9	mg/Kg	5	☼	6010B	Total/NA
Iron	61000		29	17	mg/Kg	5	☼	6010B	Total/NA
Lead	1500		2.9	0.86	mg/Kg	5	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #5 Western Bleachers

TestAmerica Job ID: 640-46975-1

Client Sample ID: SB-46 (0-0.5)
Date Collected: 02/25/14 13:45
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46975-1
Matrix: Solid
Percent Solids: 78.9

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	33		12	3.1	mg/Kg	☼	03/03/14 07:00	03/03/14 12:42	5
Arsenic	27		3.1	1.4	mg/Kg	☼	03/03/14 07:00	03/03/14 12:42	5
Barium	620		6.2	0.98	mg/Kg	☼	03/03/14 07:00	03/03/14 12:42	5
Copper	510		12	3.1	mg/Kg	☼	03/03/14 07:00	03/03/14 12:42	5
Iron	45000		31	18	mg/Kg	☼	03/03/14 07:00	03/03/14 12:42	5
Lead	1200		3.1	0.92	mg/Kg	☼	03/03/14 07:00	03/03/14 12:42	5

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #5 Western Bleachers

TestAmerica Job ID: 640-46975-1

Client Sample ID: SB-46 (0.5-2)
Date Collected: 02/25/14 13:47
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46975-2
Matrix: Solid
Percent Solids: 87.2

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	21		11	2.8	mg/Kg	☼	03/03/14 07:00	03/03/14 12:46	5
Arsenic	31		2.8	1.3	mg/Kg	☼	03/03/14 07:00	03/03/14 12:46	5
Barium	820		5.7	0.91	mg/Kg	☼	03/03/14 07:00	03/03/14 12:46	5
Copper	980		11	2.8	mg/Kg	☼	03/03/14 07:00	03/03/14 12:46	5
Iron	100000		28	17	mg/Kg	☼	03/03/14 07:00	03/03/14 12:46	5
Lead	2300		2.8	0.85	mg/Kg	☼	03/03/14 07:00	03/03/14 12:46	5

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #5 Western Bleachers

TestAmerica Job ID: 640-46975-1

Client Sample ID: SB-49 (0-0.5)
Date Collected: 02/25/14 13:52
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46975-3
Matrix: Solid
Percent Solids: 87.1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	5.9		2.4	0.59	mg/Kg	☼	03/03/14 07:00	03/03/14 12:07	1
Arsenic	12		0.59	0.27	mg/Kg	☼	03/03/14 07:00	03/03/14 12:07	1
Barium	220		1.2	0.19	mg/Kg	☼	03/03/14 07:00	03/03/14 12:07	1
Cadmium	1.3		0.59	0.10	mg/Kg	☼	03/03/14 07:00	03/03/14 12:07	1
Chromium	24		1.2	0.20	mg/Kg	☼	03/03/14 07:00	03/03/14 12:07	1
Copper	140		2.4	0.59	mg/Kg	☼	03/03/14 07:00	03/03/14 12:07	1
Iron	17000		5.9	3.6	mg/Kg	☼	03/03/14 07:00	03/03/14 12:07	1
Lead	430		0.59	0.18	mg/Kg	☼	03/03/14 07:00	03/03/14 12:07	1
Selenium	0.44	U	1.2	0.44	mg/Kg	☼	03/03/14 07:00	03/03/14 12:07	1
Silver	0.89	I	1.2	0.22	mg/Kg	☼	03/03/14 07:00	03/03/14 12:07	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.037		0.034	0.014	mg/Kg	☼	03/03/14 08:55	03/03/14 15:39	1

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #5 Western Bleachers

TestAmerica Job ID: 640-46975-1

Client Sample ID: SB-49 (0.5-2)
Date Collected: 02/25/14 13:54
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46975-4
Matrix: Solid
Percent Solids: 84.6

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	14		11	2.9	mg/Kg	☼	03/03/14 07:00	03/03/14 12:56	5
Arsenic	19		2.9	1.3	mg/Kg	☼	03/03/14 07:00	03/03/14 12:56	5
Barium	710		5.7	0.92	mg/Kg	☼	03/03/14 07:00	03/03/14 12:56	5
Copper	270		11	2.9	mg/Kg	☼	03/03/14 07:00	03/03/14 12:56	5
Iron	61000		29	17	mg/Kg	☼	03/03/14 07:00	03/03/14 12:56	5
Lead	1500		2.9	0.86	mg/Kg	☼	03/03/14 07:00	03/03/14 12:56	5

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 660-146597/1-A
Matrix: Solid
Analysis Batch: 146626

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 146597

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.50	U	2.0	0.50	mg/Kg		03/03/14 07:00	03/03/14 11:02	1
Arsenic	0.23	U	0.50	0.23	mg/Kg		03/03/14 07:00	03/03/14 11:02	1
Barium	0.16	U	1.0	0.16	mg/Kg		03/03/14 07:00	03/03/14 11:02	1
Cadmium	0.087	U	0.50	0.087	mg/Kg		03/03/14 07:00	03/03/14 11:02	1
Chromium	0.17	U	1.0	0.17	mg/Kg		03/03/14 07:00	03/03/14 11:02	1
Copper	0.50	U	2.0	0.50	mg/Kg		03/03/14 07:00	03/03/14 11:02	1
Iron	3.0	U	5.0	3.0	mg/Kg		03/03/14 07:00	03/03/14 11:02	1
Lead	0.15	U	0.50	0.15	mg/Kg		03/03/14 07:00	03/03/14 11:02	1
Selenium	0.37	U	1.0	0.37	mg/Kg		03/03/14 07:00	03/03/14 11:02	1
Silver	0.19	U	1.0	0.19	mg/Kg		03/03/14 07:00	03/03/14 11:02	1

Lab Sample ID: LCS 660-146597/2-A
Matrix: Solid
Analysis Batch: 146626

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 146597

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	50.0	49.9		mg/Kg		100	75 - 125
Arsenic	50.0	50.3		mg/Kg		101	75 - 125
Barium	50.0	51.6		mg/Kg		103	75 - 125
Cadmium	50.0	48.9		mg/Kg		98	75 - 125
Chromium	50.0	51.6		mg/Kg		103	75 - 125
Copper	50.0	52.1		mg/Kg		104	75 - 125
Iron	50.0	52.5		mg/Kg		105	75 - 125
Lead	50.0	51.2		mg/Kg		102	75 - 125
Selenium	50.0	49.3		mg/Kg		99	75 - 125
Silver	50.0	49.9		mg/Kg		100	75 - 125

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 660-146628/13-A
Matrix: Solid
Analysis Batch: 146637

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 146628

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.012	U	0.030	0.012	mg/Kg		03/03/14 08:55	03/03/14 15:17	1

Lab Sample ID: LCS 660-146628/14-A
Matrix: Solid
Analysis Batch: 146637

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 146628

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.167	0.152		mg/Kg		91	80 - 120

QC Association Summary

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #5 Western Bleachers

TestAmerica Job ID: 640-46975-1

Metals

Prep Batch: 146597

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46975-1	SB-46 (0-0.5)	Total/NA	Solid	3050B	
640-46975-2	SB-46 (0.5-2)	Total/NA	Solid	3050B	
640-46975-3	SB-49 (0-0.5)	Total/NA	Solid	3050B	
640-46975-4	SB-49 (0.5-2)	Total/NA	Solid	3050B	
LCS 660-146597/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 660-146597/1-A	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 146626

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46975-1	SB-46 (0-0.5)	Total/NA	Solid	6010B	146597
640-46975-2	SB-46 (0.5-2)	Total/NA	Solid	6010B	146597
640-46975-3	SB-49 (0-0.5)	Total/NA	Solid	6010B	146597
640-46975-4	SB-49 (0.5-2)	Total/NA	Solid	6010B	146597
LCS 660-146597/2-A	Lab Control Sample	Total/NA	Solid	6010B	146597
MB 660-146597/1-A	Method Blank	Total/NA	Solid	6010B	146597

Prep Batch: 146628

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46975-3	SB-49 (0-0.5)	Total/NA	Solid	7471A	
LCS 660-146628/14-A	Lab Control Sample	Total/NA	Solid	7471A	
MB 660-146628/13-A	Method Blank	Total/NA	Solid	7471A	

Analysis Batch: 146637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46975-3	SB-49 (0-0.5)	Total/NA	Solid	7471A	146628
LCS 660-146628/14-A	Lab Control Sample	Total/NA	Solid	7471A	146628
MB 660-146628/13-A	Method Blank	Total/NA	Solid	7471A	146628

General Chemistry

Analysis Batch: 146591

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46975-1	SB-46 (0-0.5)	Total/NA	Solid	Moisture	
640-46975-2	SB-46 (0.5-2)	Total/NA	Solid	Moisture	
640-46975-3	SB-49 (0-0.5)	Total/NA	Solid	Moisture	
640-46975-4	SB-49 (0.5-2)	Total/NA	Solid	Moisture	
640-46975-4 DU	SB-49 (0.5-2)	Total/NA	Solid	Moisture	

Lab Chronicle

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #5 Western Bleachers

TestAmerica Job ID: 640-46975-1

Client Sample ID: SB-46 (0-0.5)

Lab Sample ID: 640-46975-1

Date Collected: 02/25/14 13:45
Matrix: Solid
Date Received: 02/26/14 08:40
Percent Solids: 78.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146597	03/03/14 07:00	GAF	TAL TAM
Total/NA	Analysis	6010B		5	146626	03/03/14 12:42	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146591	02/28/14 12:33	AJG	TAL TAM

Client Sample ID: SB-46 (0.5-2)

Lab Sample ID: 640-46975-2

Date Collected: 02/25/14 13:47
Matrix: Solid
Date Received: 02/26/14 08:40
Percent Solids: 87.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146597	03/03/14 07:00	GAF	TAL TAM
Total/NA	Analysis	6010B		5	146626	03/03/14 12:46	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146591	02/28/14 12:33	AJG	TAL TAM

Client Sample ID: SB-49 (0-0.5)

Lab Sample ID: 640-46975-3

Date Collected: 02/25/14 13:52
Matrix: Solid
Date Received: 02/26/14 08:40
Percent Solids: 87.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146597	03/03/14 07:00	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146626	03/03/14 12:07	GAF	TAL TAM
Total/NA	Prep	7471A			146628	03/03/14 08:55	RAG	TAL TAM
Total/NA	Analysis	7471A		1	146637	03/03/14 15:39	RAG	TAL TAM
Total/NA	Analysis	Moisture		1	146591	02/28/14 12:33	AJG	TAL TAM

Client Sample ID: SB-49 (0.5-2)

Lab Sample ID: 640-46975-4

Date Collected: 02/25/14 13:54
Matrix: Solid
Date Received: 02/26/14 08:40
Percent Solids: 84.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146597	03/03/14 07:00	GAF	TAL TAM
Total/NA	Analysis	6010B		5	146626	03/03/14 12:56	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146591	02/28/14 12:33	AJG	TAL TAM

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #5 Western Bleachers

TestAmerica Job ID: 640-46975-1

Laboratory: TestAmerica Tallahassee

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E81005	06-30-14
Georgia	State Program	4		06-30-14
Louisiana	NELAP	6	30663	06-30-14
New Jersey	NELAP	2	FL012	06-30-14
Texas	NELAP	6	T104704459-11-2	03-31-14 *
USDA	Federal		P330-08-00158	08-05-14

Laboratory: TestAmerica Tampa

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alabama	State Program	4	40610	06-30-14
Florida	NELAP	4	E84282	06-30-14
Georgia	State Program	4	905	06-30-14
USDA	Federal		P330-11-00177	04-20-14

* Expired certification is currently pending renewal and is considered valid.

Method Summary

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #5 Western Bleachers

TestAmerica Job ID: 640-46975-1

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL TAM
7471A	Mercury (CVAA)	SW846	TAL TAM
Moisture	Percent Moisture	EPA	TAL TAM

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Sample Summary

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #5 Western Bleachers

TestAmerica Job ID: 640-46975-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
640-46975-1	SB-46 (0-0.5)	Solid	02/25/14 13:45	02/26/14 08:40
640-46975-2	SB-46 (0.5-2)	Solid	02/25/14 13:47	02/26/14 08:40
640-46975-3	SB-49 (0-0.5)	Solid	02/25/14 13:52	02/26/14 08:40
640-46975-4	SB-49 (0.5-2)	Solid	02/25/14 13:54	02/26/14 08:40

TestAmerica Tallahassee
2846 Industrial Plaza Drive

Tallahassee, FL 32301
phone 850.878.3994 fax

AREA #5 - WESTERN BLEACHERS

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

3/5/2014

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Eddy Smith	Site Contact: Brittney Odom	Date:	COC No:
SCS Engineers	Tel/Fax:	Lab Contact: Amy Marks	Carrier:	____ of ____ COCs
7700 North Kendall Drive	Analysis Turnaround Time			Sampler:
Miami, Florida 33156	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
305.412.8185 Phone	TAT if different from Below _____			Walk-in Client:
305.412.8105 FAX	☐ 2 weeks			Lab Sampling:
Project Name: Curtis Park	☐ 1 week			
Site: 1901 NW 24th Ave, Miami, FL	☐ 2 days			Job / SDG No.: 640-46475
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Metals 6010 (Sb, As, Ba, Cu, Pb, Fe)	Metals 8010/7471 (Cd, Cr, Hg, Se, Ag)	Dioxins (8290)	PCBs (8082)	Sample Specific Notes:
SB-46 (0-0.5)	25-Feb-14	13:45	C	So	2			X				
SB-46 (0.5-2)	25-Feb-14	13:47	C	So	2			X				
SB-49 (0-0.5)	25-Feb-14	13:52	C	So	2			X	X			
SB-49 (0.5-2)	25-Feb-14	13:54	C	So	2			X				

640-46975 Chain of Custody

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for_____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	SCS ES	25-Feb-14 15:00	[signature]	TA	2/25/14 1500
Relinquished by:	Company:	Date/Time:	Received by: Carol McMullen	Company: TA Tampa	Date/Time: 2/26/14 0848
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tallahassee
2846 Industrial Plaza Drive
Tallahassee, FL 32301
Tel: (850)878-3994

TestAmerica Job ID: 640-46976-1
Client Project/Site: Curtis Park - Area #5A Western Bleachers

For:
SCS ES Consultants
7700 N. Kendall Drive, Suite 300
Miami, Florida 33156

Attn: Mr. Bob Speed

Authorized for release by:
3/5/2014 3:42:52 PM

Amy Marks, Project Manager II
(850)878-3994
amy.marks@testamericainc.com

Table of Contents

Definitions/Glossary

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #5A Western Bleachers

TestAmerica Job ID: 640-46976-1

Qualifiers

Metals

Qualifier	Qualifier Description
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
U	Indicates that the compound was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 640-46976-1

Laboratory: TestAmerica Tallahassee

Narrative

Job Narrative
640-46976-1

Comments
No additional comments.

Receipt
The samples were received on 2/26/2014 at 8:40 AM. The samples arrived in good condition, properly preserved, and on ice. The temperatures of the 2 coolers at receipt time were 4.4º C and 4.7º C.

Metals
Method 6010B: The following samples were diluted due to high levels of Iron and other non-target analytes in the matrix that caused an interference with target analytes: SB-47 (1-2) (640-46976-2) and SB-48 (1.5-2) (640-46976-5). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #5A Western Bleachers

TestAmerica Job ID: 640-46976-1

Client Sample ID: SB-47 (0-1) — Lab Sample ID: 640-46976-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	0.87	I	2.4	0.60	mg/Kg	1	☼	6010B	Total/NA
Arsenic	7.1		0.60	0.28	mg/Kg	1	☼	6010B	Total/NA
Barium	41		1.2	0.19	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.64		0.60	0.10	mg/Kg	1	☼	6010B	Total/NA
Chromium	15		1.2	0.21	mg/Kg	1	☼	6010B	Total/NA
Copper	32		2.4	0.60	mg/Kg	1	☼	6010B	Total/NA
Iron	3800		6.0	3.6	mg/Kg	1	☼	6010B	Total/NA
Lead	92		0.60	0.18	mg/Kg	1	☼	6010B	Total/NA
Selenium	0.62	I	1.2	0.45	mg/Kg	1	☼	6010B	Total/NA
Silver	0.55	I	1.2	0.23	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.17		0.033	0.013	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB-47 (1-2) — Lab Sample ID: 640-46976-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	17		11	2.8	mg/Kg	5	☼	6010B	Total/NA
Arsenic	34		2.8	1.3	mg/Kg	5	☼	6010B	Total/NA
Barium	650		5.7	0.91	mg/Kg	5	☼	6010B	Total/NA
Copper	420		11	2.8	mg/Kg	5	☼	6010B	Total/NA
Iron	110000		28	17	mg/Kg	5	☼	6010B	Total/NA
Lead	2300		2.8	0.85	mg/Kg	5	☼	6010B	Total/NA

Client Sample ID: SB-48 (0-0.5) — Lab Sample ID: 640-46976-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.4		0.64	0.30	mg/Kg	1	☼	6010B	Total/NA
Barium	21		1.3	0.21	mg/Kg	1	☼	6010B	Total/NA
Copper	19		2.6	0.64	mg/Kg	1	☼	6010B	Total/NA
Iron	3300		6.4	3.9	mg/Kg	1	☼	6010B	Total/NA
Lead	24		0.64	0.19	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-48 (0.5-1.5) — Lab Sample ID: 640-46976-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.7		0.52	0.24	mg/Kg	1	☼	6010B	Total/NA
Barium	9.4		1.0	0.17	mg/Kg	1	☼	6010B	Total/NA
Copper	7.8		2.1	0.52	mg/Kg	1	☼	6010B	Total/NA
Iron	1100		5.2	3.1	mg/Kg	1	☼	6010B	Total/NA
Lead	12		0.52	0.16	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-48 (1.5-2) — Lab Sample ID: 640-46976-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	6.2		4.8	1.2	mg/Kg	2	☼	6010B	Total/NA
Arsenic	40		1.2	0.56	mg/Kg	2	☼	6010B	Total/NA
Barium	140		2.4	0.39	mg/Kg	2	☼	6010B	Total/NA
Copper	140		4.8	1.2	mg/Kg	2	☼	6010B	Total/NA
Iron	28000		12	7.2	mg/Kg	2	☼	6010B	Total/NA
Lead	520		1.2	0.36	mg/Kg	2	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #5A Western Bleachers

TestAmerica Job ID: 640-46976-1

Client Sample ID: SB-47 (0-1)
Date Collected: 02/25/14 14:00
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46976-1
Matrix: Solid
Percent Solids: 82.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.87	I	2.4	0.60	mg/Kg	☼	03/03/14 07:00	03/03/14 12:21	1
Arsenic	7.1		0.60	0.28	mg/Kg	☼	03/03/14 07:00	03/03/14 12:21	1
Barium	41		1.2	0.19	mg/Kg	☼	03/03/14 07:00	03/03/14 12:21	1
Cadmium	0.64		0.60	0.10	mg/Kg	☼	03/03/14 07:00	03/03/14 12:21	1
Chromium	15		1.2	0.21	mg/Kg	☼	03/03/14 07:00	03/03/14 12:21	1
Copper	32		2.4	0.60	mg/Kg	☼	03/03/14 07:00	03/03/14 12:21	1
Iron	3800		6.0	3.6	mg/Kg	☼	03/03/14 07:00	03/03/14 12:21	1
Lead	92		0.60	0.18	mg/Kg	☼	03/03/14 07:00	03/03/14 12:21	1
Selenium	0.62	I	1.2	0.45	mg/Kg	☼	03/03/14 07:00	03/03/14 12:21	1
Silver	0.55	I	1.2	0.23	mg/Kg	☼	03/03/14 07:00	03/03/14 12:21	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.17		0.033	0.013	mg/Kg	☼	03/03/14 08:55	03/03/14 15:41	1

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #5A Western Bleachers

TestAmerica Job ID: 640-46976-1

Client Sample ID: SB-47 (1-2)
Date Collected: 02/25/14 14:02
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46976-2
Matrix: Solid
Percent Solids: 90.8

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	17		11	2.8	mg/Kg	☼	03/03/14 07:00	03/03/14 12:59	5
Arsenic	34		2.8	1.3	mg/Kg	☼	03/03/14 07:00	03/03/14 12:59	5
Barium	650		5.7	0.91	mg/Kg	☼	03/03/14 07:00	03/03/14 12:59	5
Copper	420		11	2.8	mg/Kg	☼	03/03/14 07:00	03/03/14 12:59	5
Iron	110000		28	17	mg/Kg	☼	03/03/14 07:00	03/03/14 12:59	5
Lead	2300		2.8	0.85	mg/Kg	☼	03/03/14 07:00	03/03/14 12:59	5

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #5A Western Bleachers

TestAmerica Job ID: 640-46976-1

Client Sample ID: SB-48 (0-0.5)
Date Collected: 02/25/14 14:10
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46976-3
Matrix: Solid
Percent Solids: 77.9

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.64	U	2.6	0.64	mg/Kg	☼	03/03/14 07:00	03/03/14 12:28	1
Arsenic	**3.4**		0.64	0.30	mg/Kg	☼	03/03/14 07:00	03/03/14 12:28	1
Barium	**21**		1.3	0.21	mg/Kg	☼	03/03/14 07:00	03/03/14 12:28	1
Copper	**19**		2.6	0.64	mg/Kg	☼	03/03/14 07:00	03/03/14 12:28	1
Iron	**3300**		6.4	3.9	mg/Kg	☼	03/03/14 07:00	03/03/14 12:28	1
Lead	**24**		0.64	0.19	mg/Kg	☼	03/03/14 07:00	03/03/14 12:28	1

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #5A Western Bleachers

TestAmerica Job ID: 640-46976-1

Client Sample ID: SB-48 (0.5-1.5)
Date Collected: 02/25/14 14:12
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46976-4
Matrix: Solid
Percent Solids: 92.5

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.52	U	2.1	0.52	mg/Kg	☼	02/28/14 14:25	03/03/14 12:32	1
Arsenic	**1.7**		0.52	0.24	mg/Kg	☼	02/28/14 14:25	03/03/14 12:32	1
Barium	**9.4**		1.0	0.17	mg/Kg	☼	02/28/14 14:25	03/03/14 12:32	1
Copper	**7.8**		2.1	0.52	mg/Kg	☼	02/28/14 14:25	03/03/14 12:32	1
Iron	**1100**		5.2	3.1	mg/Kg	☼	02/28/14 14:25	03/03/14 12:32	1
Lead	**12**		0.52	0.16	mg/Kg	☼	02/28/14 14:25	03/03/14 12:32	1

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #5A Western Bleachers

TestAmerica Job ID: 640-46976-1

Client Sample ID: SB-48 (1.5-2)
Date Collected: 02/25/14 14:14
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46976-5
Matrix: Solid
Percent Solids: 85.4

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	6.2		4.8	1.2	mg/Kg	☼	02/28/14 14:25	03/03/14 13:06	2
Arsenic	40		1.2	0.56	mg/Kg	☼	02/28/14 14:25	03/03/14 13:06	2
Barium	140		2.4	0.39	mg/Kg	☼	02/28/14 14:25	03/03/14 13:06	2
Copper	140		4.8	1.2	mg/Kg	☼	02/28/14 14:25	03/03/14 13:06	2
Iron	28000		12	7.2	mg/Kg	☼	02/28/14 14:25	03/03/14 13:06	2
Lead	520		1.2	0.36	mg/Kg	☼	02/28/14 14:25	03/03/14 13:06	2

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 660-146597/1-A
Matrix: Solid
Analysis Batch: 146626

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 146597

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.50	U	2.0	0.50	mg/Kg		03/03/14 07:00	03/03/14 11:02	1
Arsenic	0.23	U	0.50	0.23	mg/Kg		03/03/14 07:00	03/03/14 11:02	1
Barium	0.16	U	1.0	0.16	mg/Kg		03/03/14 07:00	03/03/14 11:02	1
Cadmium	0.087	U	0.50	0.087	mg/Kg		03/03/14 07:00	03/03/14 11:02	1
Chromium	0.17	U	1.0	0.17	mg/Kg		03/03/14 07:00	03/03/14 11:02	1
Copper	0.50	U	2.0	0.50	mg/Kg		03/03/14 07:00	03/03/14 11:02	1
Iron	3.0	U	5.0	3.0	mg/Kg		03/03/14 07:00	03/03/14 11:02	1
Lead	0.15	U	0.50	0.15	mg/Kg		03/03/14 07:00	03/03/14 11:02	1
Selenium	0.37	U	1.0	0.37	mg/Kg		03/03/14 07:00	03/03/14 11:02	1
Silver	0.19	U	1.0	0.19	mg/Kg		03/03/14 07:00	03/03/14 11:02	1

Lab Sample ID: LCS 660-146597/2-A
Matrix: Solid
Analysis Batch: 146626

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 146597

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	50.0	49.9		mg/Kg		100	75 - 125
Arsenic	50.0	50.3		mg/Kg		101	75 - 125
Barium	50.0	51.6		mg/Kg		103	75 - 125
Cadmium	50.0	48.9		mg/Kg		98	75 - 125
Chromium	50.0	51.6		mg/Kg		103	75 - 125
Copper	50.0	52.1		mg/Kg		104	75 - 125
Iron	50.0	52.5		mg/Kg		105	75 - 125
Lead	50.0	51.2		mg/Kg		102	75 - 125
Selenium	50.0	49.3		mg/Kg		99	75 - 125
Silver	50.0	49.9		mg/Kg		100	75 - 125

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 660-146628/13-A
Matrix: Solid
Analysis Batch: 146637

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 146628

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.012	U	0.030	0.012	mg/Kg		03/03/14 08:55	03/03/14 15:17	1

Lab Sample ID: LCS 660-146628/14-A
Matrix: Solid
Analysis Batch: 146637

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 146628

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.167	0.152		mg/Kg		91	80 - 120

Metals

Prep Batch: 146597

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46976-1	SB-47 (0-1)	Total/NA	Solid	3050B	
640-46976-2	SB-47 (1-2)	Total/NA	Solid	3050B	
640-46976-3	SB-48 (0-0.5)	Total/NA	Solid	3050B	
640-46976-4	SB-48 (0.5-1.5)	Total/NA	Solid	3050B	
640-46976-5	SB-48 (1.5-2)	Total/NA	Solid	3050B	
LCS 660-146597/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 660-146597/1-A	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 146626

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46976-1	SB-47 (0-1)	Total/NA	Solid	6010B	146597
640-46976-2	SB-47 (1-2)	Total/NA	Solid	6010B	146597
640-46976-3	SB-48 (0-0.5)	Total/NA	Solid	6010B	146597
640-46976-4	SB-48 (0.5-1.5)	Total/NA	Solid	6010B	146597
640-46976-5	SB-48 (1.5-2)	Total/NA	Solid	6010B	146597
LCS 660-146597/2-A	Lab Control Sample	Total/NA	Solid	6010B	146597
MB 660-146597/1-A	Method Blank	Total/NA	Solid	6010B	146597

Prep Batch: 146628

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46976-1	SB-47 (0-1)	Total/NA	Solid	7471A	
LCS 660-146628/14-A	Lab Control Sample	Total/NA	Solid	7471A	
MB 660-146628/13-A	Method Blank	Total/NA	Solid	7471A	

Analysis Batch: 146637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46976-1	SB-47 (0-1)	Total/NA	Solid	7471A	146628
LCS 660-146628/14-A	Lab Control Sample	Total/NA	Solid	7471A	146628
MB 660-146628/13-A	Method Blank	Total/NA	Solid	7471A	146628

General Chemistry

Analysis Batch: 146591

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46976-1	SB-47 (0-1)	Total/NA	Solid	Moisture	
640-46976-1 DU	SB-47 (0-1)	Total/NA	Solid	Moisture	
640-46976-2	SB-47 (1-2)	Total/NA	Solid	Moisture	
640-46976-3	SB-48 (0-0.5)	Total/NA	Solid	Moisture	
640-46976-4	SB-48 (0.5-1.5)	Total/NA	Solid	Moisture	
640-46976-5	SB-48 (1.5-2)	Total/NA	Solid	Moisture	

Client Sample ID: SB-47 (0-1)

Lab Sample ID: 640-46976-1

Date Collected: 02/25/14 14:00

Matrix: Solid

Date Received: 02/26/14 08:40

Percent Solids: 82.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146597	03/03/14 07:00	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146626	03/03/14 12:21	GAF	TAL TAM
Total/NA	Prep	7471A			146628	03/03/14 08:55	RAG	TAL TAM
Total/NA	Analysis	7471A		1	146637	03/03/14 15:41	RAG	TAL TAM
Total/NA	Analysis	Moisture		1	146591	02/28/14 11:41	AJG	TAL TAM

Client Sample ID: SB-47 (1-2)

Lab Sample ID: 640-46976-2

Date Collected: 02/25/14 14:02

Matrix: Solid

Date Received: 02/26/14 08:40

Percent Solids: 90.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146597	03/03/14 07:00	GAF	TAL TAM
Total/NA	Analysis	6010B		5	146626	03/03/14 12:59	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146591	02/28/14 11:41	AJG	TAL TAM

Client Sample ID: SB-48 (0-0.5)

Lab Sample ID: 640-46976-3

Date Collected: 02/25/14 14:10

Matrix: Solid

Date Received: 02/26/14 08:40

Percent Solids: 77.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146597	03/03/14 07:00	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146626	03/03/14 12:28	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146591	02/28/14 11:41	AJG	TAL TAM

Client Sample ID: SB-48 (0.5-1.5)

Lab Sample ID: 640-46976-4

Date Collected: 02/25/14 14:12

Matrix: Solid

Date Received: 02/26/14 08:40

Percent Solids: 92.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146597	02/28/14 14:25	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146626	03/03/14 12:32	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146591	02/28/14 11:41	AJG	TAL TAM

Client Sample ID: SB-48 (1.5-2)

Lab Sample ID: 640-46976-5

Date Collected: 02/25/14 14:14

Matrix: Solid

Date Received: 02/26/14 08:40

Percent Solids: 85.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146597	02/28/14 14:25	GAF	TAL TAM
Total/NA	Analysis	6010B		2	146626	03/03/14 13:06	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146591	02/28/14 11:41	AJG	TAL TAM

Lab Chronicle

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #5A Western Bleachers

TestAmerica Job ID: 640-46976-1

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: SCS ES Consultants
TestAmerica Job ID: 640-46976-1
Project/Site: Curtis Park - Area #5A Western Bleachers

Laboratory: TestAmerica Tallahassee

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E81005	06-30-14
Georgia	State Program	4		06-30-14
Louisiana	NELAP	6	30663	06-30-14
New Jersey	NELAP	2	FL012	06-30-14
Texas	NELAP	6	T104704459-11-2	03-31-14 *
USDA	Federal		P330-08-00158	08-05-14

Laboratory: TestAmerica Tampa

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alabama	State Program	4	40610	06-30-14
Florida	NELAP	4	E84282	06-30-14
Georgia	State Program	4	905	06-30-14
USDA	Federal		P330-11-00177	04-20-14

* Expired certification is currently pending renewal and is considered valid.

Method Summary

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #5A Western Bleachers

TestAmerica Job ID: 640-46976-1

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL TAM
7471A	Mercury (CVAA)	SW846	TAL TAM
Moisture	Percent Moisture	EPA	TAL TAM

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Sample Summary

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #5A Western Bleachers

TestAmerica Job ID: 640-46976-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
640-46976-1	SB-47 (0-1)	Solid	02/25/14 14:00	02/26/14 08:40
640-46976-2	SB-47 (1-2)	Solid	02/25/14 14:02	02/26/14 08:40
640-46976-3	SB-48 (0-0.5)	Solid	02/25/14 14:10	02/26/14 08:40
640-46976-4	SB-48 (0.5-1.5)	Solid	02/25/14 14:12	02/26/14 08:40
640-46976-5	SB-48 (1.5-2)	Solid	02/25/14 14:14	02/26/14 08:40

TestAmerica Tallahassee
2846 Industrial Plaza Drive

Tallahassee, FL 32301
phone 850.878.3994 fax

Chain of Custody Record

AREA #5A - Western Bleachers.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

3/5/2014

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Eddy Smith	Site Contact: Brittney Odom	Date:	COC No:
SCS Engineers	Tel/Fax:	Lab Contact: Amy Marks	Carrier:	____ of ____ COCs
7700 North Kendall Drive	Analysis Turnaround Time			Sampler:
Miami, Florida 33156	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
305.412.8185 Phone	TAT if different from Below ____			Walk-in Client:
305.412.8105 FAX	☐ 2 weeks			Lab Sampling:
Project Name: Curtis Park	☐ 1 week			
Site: 1901 NW 24th Ave, Miami, FL	☐ 2 days			Job / SDG No.:
P O #	☐ 1 day			640-46976

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Metals 6010 (Sb, As, Ba, Cu, Pb, Fe)	Metals 6010/7471 (Cd, Cr, Hg, Se, Ag)	Dioxins (8290)	PCBs (8082)	Sample Specific Notes:
SB-47 (0-1)	25-Feb-14	1400	C	So	2			X	X			
SB-47 (1-2)	"	14:02	C	So	2			X				
SB-48 (0-0.5)	"	14:10	C	So	2			X				
SB-48 (0.5-1.5)	"	14:12	C	So	2			X				
SB-48 (1.5-2)	"	14:14	C	So	2			X				

640-46976 Chain of Custody

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for ____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temp. (°C): Obs'd: ____ Corr'd: ____	Therm ID No.: ____

Relinquished by:	Company: SCS ES	Date/Time: 25-Feb-14 1500	Received by:	Company: TA	Date/Time: 2/25/14
Relinquished by:	Company:	Date/Time:	Received by: Carol McMullen	Company: TA Tampa	Date/Time: 2/26/14 0840
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tallahassee
2846 Industrial Plaza Drive
Tallahassee, FL 32301
Tel: (850)878-3994

TestAmerica Job ID: 640-46934-1
Client Project/Site: Curtis Park - Area #6 Football Field

For:
SCS ES Consultants
7700 N. Kendall Drive, Suite 300
Miami, Florida 33156

Attn: Mr. Bob Speed

Authorized for release by:
3/4/2014 1:07:59 PM

Amy Marks, Project Manager II
(850)878-3994
amy.marks@testamericainc.com

Table of Contents

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #6 Football Field

TestAmerica Job ID: 640-46934-1

Qualifiers

Metals

Qualifier	Qualifier Description
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
U	Indicates that the compound was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #6 Football Field

TestAmerica Job ID: 640-46934-1

Job ID: 640-46934-1

Laboratory: TestAmerica Tallahassee

Narrative

Job Narrative
640-46934-1

Comments
No additional comments.

Receipt
The samples were received on 2/25/2014 at 9:00 AM. The samples arrived in good condition, properly preserved, and on ice. The temperatures of the 3 coolers at receipt time were 4.9º C, 5.1º C and 5.7º C.

Metals
Method 6010B: The following samples were diluted due to high levels of Iron in the matrix that caused an interference with target analytes: SB-50 (1.5-2) (640-46934-3), SB-51 (1-2) (640-46934-5), and SB-53 (0-0.5) (640-46934-9), SB-54 (0.5-1) (640-46934-12). The reporting limits have been raised accordingly

No other analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #6 Football Field

TestAmerica Job ID: 640-46934-1

Client Sample ID: SB-50 (0-0.5) — Lab Sample ID: 640-46934-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	1.2	I	2.4	0.60	mg/Kg	1	☼	6010B	Total/NA
Arsenic	10		0.60	0.27	mg/Kg	1	☼	6010B	Total/NA
Barium	38		1.2	0.19	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.42	I	0.60	0.10	mg/Kg	1	☼	6010B	Total/NA
Chromium	15		1.2	0.20	mg/Kg	1	☼	6010B	Total/NA
Copper	35		2.4	0.60	mg/Kg	1	☼	6010B	Total/NA
Iron	5700		6.0	3.6	mg/Kg	1	☼	6010B	Total/NA
Lead	170		0.60	0.18	mg/Kg	1	☼	6010B	Total/NA
Silver	0.48	I	1.2	0.23	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.059		0.033	0.013	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB-50 (0.5-1.5) — Lab Sample ID: 640-46934-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.4		0.55	0.25	mg/Kg	1	☼	6010B	Total/NA
Barium	7.0		1.1	0.18	mg/Kg	1	☼	6010B	Total/NA
Copper	3.5		2.2	0.55	mg/Kg	1	☼	6010B	Total/NA
Iron	2100		5.5	3.3	mg/Kg	1	☼	6010B	Total/NA
Lead	7.9		0.55	0.17	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-50 (1.5-2) — Lab Sample ID: 640-46934-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	13		12	3.0	mg/Kg	5	☼	6010B	Total/NA
Arsenic	27		3.0	1.4	mg/Kg	5	☼	6010B	Total/NA
Barium	470		6.0	0.96	mg/Kg	5	☼	6010B	Total/NA
Copper	280		12	3.0	mg/Kg	5	☼	6010B	Total/NA
Iron	110000		30	18	mg/Kg	5	☼	6010B	Total/NA
Lead	1100		3.0	0.90	mg/Kg	5	☼	6010B	Total/NA

Client Sample ID: SB-51 (0-1) — Lab Sample ID: 640-46934-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	2.9		2.4	0.59	mg/Kg	1	☼	6010B	Total/NA
Arsenic	33		0.59	0.27	mg/Kg	1	☼	6010B	Total/NA
Barium	110		1.2	0.19	mg/Kg	1	☼	6010B	Total/NA
Copper	81		2.4	0.59	mg/Kg	1	☼	6010B	Total/NA
Iron	7800		5.9	3.5	mg/Kg	1	☼	6010B	Total/NA
Lead	310		0.59	0.18	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-51 (1-2) — Lab Sample ID: 640-46934-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	9.2		7.2	1.8	mg/Kg	3	☼	6010B	Total/NA
Arsenic	20		1.8	0.82	mg/Kg	3	☼	6010B	Total/NA
Barium	530		3.6	0.57	mg/Kg	3	☼	6010B	Total/NA
Copper	400		7.2	1.8	mg/Kg	3	☼	6010B	Total/NA
Iron	41000		18	11	mg/Kg	3	☼	6010B	Total/NA
Lead	780		1.8	0.54	mg/Kg	3	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #6 Football Field

TestAmerica Job ID: 640-46934-1

Client Sample ID: SB-52 (0-2) — Lab Sample ID: 640-46934-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	1.4	I	2.4	0.60	mg/Kg	1	☼	6010B	Total/NA
Arsenic	15		0.60	0.27	mg/Kg	1	☼	6010B	Total/NA
Barium	46		1.2	0.19	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.25	I	0.60	0.10	mg/Kg	1	☼	6010B	Total/NA
Chromium	7.8		1.2	0.20	mg/Kg	1	☼	6010B	Total/NA
Copper	39		2.4	0.60	mg/Kg	1	☼	6010B	Total/NA
Iron	9600		6.0	3.6	mg/Kg	1	☼	6010B	Total/NA
Lead	95		0.60	0.18	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.030	I	0.032	0.013	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB-53 (0-0.5) — Lab Sample ID: 640-46934-9

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	5.9	I	11	2.7	mg/Kg	5	☼	6010B	Total/NA
Arsenic	17		2.7	1.2	mg/Kg	5	☼	6010B	Total/NA
Barium	84		5.3	0.85	mg/Kg	5	☼	6010B	Total/NA
Copper	95		11	2.7	mg/Kg	5	☼	6010B	Total/NA
Iron	40000		27	16	mg/Kg	5	☼	6010B	Total/NA
Lead	370		2.7	0.80	mg/Kg	5	☼	6010B	Total/NA

Client Sample ID: SB-53 (0.5-2) — Lab Sample ID: 640-46934-10

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	1.8	I	2.2	0.56	mg/Kg	1	☼	6010B	Total/NA
Arsenic	11		0.56	0.26	mg/Kg	1	☼	6010B	Total/NA
Barium	66		1.1	0.18	mg/Kg	1	☼	6010B	Total/NA
Copper	42		2.2	0.56	mg/Kg	1	☼	6010B	Total/NA
Iron	5000		5.6	3.3	mg/Kg	1	☼	6010B	Total/NA
Lead	110		0.56	0.17	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-54 (0-0.5) — Lab Sample ID: 640-46934-11

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	2.0	I	2.5	0.63	mg/Kg	1	☼	6010B	Total/NA
Arsenic	8.6		0.63	0.29	mg/Kg	1	☼	6010B	Total/NA
Barium	63		1.3	0.20	mg/Kg	1	☼	6010B	Total/NA
Copper	69		2.5	0.63	mg/Kg	1	☼	6010B	Total/NA
Iron	7000		6.3	3.8	mg/Kg	1	☼	6010B	Total/NA
Lead	120		0.63	0.19	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-54 (0.5-1) — Lab Sample ID: 640-46934-12

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	6.2		4.4	1.1	mg/Kg	2	☼	6010B	Total/NA
Arsenic	14		1.1	0.51	mg/Kg	2	☼	6010B	Total/NA
Barium	140		2.2	0.35	mg/Kg	2	☼	6010B	Total/NA
Copper	220		4.4	1.1	mg/Kg	2	☼	6010B	Total/NA
Iron	33000		11	6.6	mg/Kg	2	☼	6010B	Total/NA
Lead	320		1.1	0.33	mg/Kg	2	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #6 Football Field

TestAmerica Job ID: 640-46934-1

Client Sample ID: SB-54 (1-2) — Lab Sample ID: 640-46934-13

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	4.4		2.2	0.56	mg/Kg	1	☼	6010B	Total/NA
Arsenic	8.1		0.56	0.26	mg/Kg	1	☼	6010B	Total/NA
Barium	130		1.1	0.18	mg/Kg	1	☼	6010B	Total/NA
Copper	90		2.2	0.56	mg/Kg	1	☼	6010B	Total/NA
Iron	12000		5.6	3.4	mg/Kg	1	☼	6010B	Total/NA
Lead	290		0.56	0.17	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-55 (0-0.5) — Lab Sample ID: 640-46934-14

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.5		0.69	0.32	mg/Kg	1	☼	6010B	Total/NA
Barium	27		1.4	0.22	mg/Kg	1	☼	6010B	Total/NA
Copper	15		2.8	0.69	mg/Kg	1	☼	6010B	Total/NA
Iron	3100		6.9	4.1	mg/Kg	1	☼	6010B	Total/NA
Lead	40		0.69	0.21	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-55 (0.5-1.5) — Lab Sample ID: 640-46934-15

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	1.6	I	2.2	0.56	mg/Kg	1	☼	6010B	Total/NA
Arsenic	4.2		0.56	0.26	mg/Kg	1	☼	6010B	Total/NA
Barium	34		1.1	0.18	mg/Kg	1	☼	6010B	Total/NA
Copper	58		2.2	0.56	mg/Kg	1	☼	6010B	Total/NA
Iron	6900		5.6	3.3	mg/Kg	1	☼	6010B	Total/NA
Lead	55		0.56	0.17	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-55 (1.5-2) — Lab Sample ID: 640-46934-16

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	1.8	I	2.2	0.54	mg/Kg	1	☼	6010B	Total/NA
Arsenic	3.3		0.54	0.25	mg/Kg	1	☼	6010B	Total/NA
Barium	47		1.1	0.17	mg/Kg	1	☼	6010B	Total/NA
Copper	41		2.2	0.54	mg/Kg	1	☼	6010B	Total/NA
Iron	6400		5.4	3.2	mg/Kg	1	☼	6010B	Total/NA
Lead	100		0.54	0.16	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-56 (0-2) — Lab Sample ID: 640-46934-17

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	3.2		2.3	0.56	mg/Kg	1	☼	6010B	Total/NA
Arsenic	28		0.56	0.26	mg/Kg	1	☼	6010B	Total/NA
Barium	78		1.1	0.18	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.38	I	0.56	0.098	mg/Kg	1	☼	6010B	Total/NA
Chromium	9.1		1.1	0.19	mg/Kg	1	☼	6010B	Total/NA
Copper	71		2.3	0.56	mg/Kg	1	☼	6010B	Total/NA
Iron	7800		5.6	3.4	mg/Kg	1	☼	6010B	Total/NA
Lead	170		0.56	0.17	mg/Kg	1	☼	6010B	Total/NA
Silver	0.43	I	1.1	0.21	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.040		0.033	0.013	mg/Kg	1	☼	7471A	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #6 Football Field

TestAmerica Job ID: 640-46934-1

Client Sample ID: SB-57 (0-2)

Lab Sample ID: 640-46934-20

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	11		0.57	0.26	mg/Kg	1	☼	6010B	Total/NA
Barium	23		1.1	0.18	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.72		0.57	0.10	mg/Kg	1	☼	6010B	Total/NA
Chromium	12		1.1	0.19	mg/Kg	1	☼	6010B	Total/NA
Copper	21		2.3	0.57	mg/Kg	1	☼	6010B	Total/NA
Iron	2700		5.7	3.4	mg/Kg	1	☼	6010B	Total/NA
Lead	38		0.57	0.17	mg/Kg	1	☼	6010B	Total/NA
Silver	1.6		1.1	0.22	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.28		0.033	0.013	mg/Kg	1	☼	7471A	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #6 Football Field

TestAmerica Job ID: 640-46934-1

Client Sample ID: SB-50 (0-0.5)
Date Collected: 02/24/14 11:20
Date Received: 02/25/14 09:00

Lab Sample ID: 640-46934-1
Matrix: Solid
Percent Solids: 84.8

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.2	I	2.4	0.60	mg/Kg	☼	02/26/14 07:21	02/27/14 09:53	1
Arsenic	10		0.60	0.27	mg/Kg	☼	02/26/14 07:21	02/27/14 09:53	1
Barium	38		1.2	0.19	mg/Kg	☼	02/26/14 07:21	02/27/14 09:53	1
Cadmium	0.42	I	0.60	0.10	mg/Kg	☼	02/26/14 07:21	02/27/14 09:53	1
Chromium	15		1.2	0.20	mg/Kg	☼	02/26/14 07:21	02/27/14 09:53	1
Copper	35		2.4	0.60	mg/Kg	☼	02/26/14 07:21	02/27/14 09:53	1
Iron	5700		6.0	3.6	mg/Kg	☼	02/26/14 07:21	02/27/14 09:53	1
Lead	170		0.60	0.18	mg/Kg	☼	02/26/14 07:21	02/27/14 09:53	1
Selenium	0.44	U	1.2	0.44	mg/Kg	☼	02/26/14 07:21	02/27/14 09:53	1
Silver	0.48	I	1.2	0.23	mg/Kg	☼	02/26/14 07:21	02/27/14 09:53	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.059		0.033	0.013	mg/Kg	☼	02/27/14 11:05	02/27/14 14:04	1

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #6 Football Field

TestAmerica Job ID: 640-46934-1

Client Sample ID: SB-50 (0.5-1.5)
Date Collected: 02/24/14 11:23
Date Received: 02/25/14 09:00

Lab Sample ID: 640-46934-2
Matrix: Solid
Percent Solids: 90.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.55	U	2.2	0.55	mg/Kg	☼	02/26/14 07:21	02/27/14 09:57	1
Arsenic	**1.4**		0.55	0.25	mg/Kg	☼	02/26/14 07:21	02/27/14 09:57	1
Barium	**7.0**		1.1	0.18	mg/Kg	☼	02/26/14 07:21	02/27/14 09:57	1
Copper	**3.5**		2.2	0.55	mg/Kg	☼	02/26/14 07:21	02/27/14 09:57	1
Iron	**2100**		5.5	3.3	mg/Kg	☼	02/26/14 07:21	02/27/14 09:57	1
Lead	**7.9**		0.55	0.17	mg/Kg	☼	02/26/14 07:21	02/27/14 09:57	1

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #6 Football Field

TestAmerica Job ID: 640-46934-1

Client Sample ID: SB-50 (1.5-2)
Date Collected: 02/24/14 11:26
Date Received: 02/25/14 09:00

Lab Sample ID: 640-46934-3
Matrix: Solid
Percent Solids: 85.7

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	13		12	3.0	mg/Kg	☼	02/26/14 07:21	02/27/14 10:32	5
Arsenic	27		3.0	1.4	mg/Kg	☼	02/26/14 07:21	02/27/14 10:32	5
Barium	470		6.0	0.96	mg/Kg	☼	02/26/14 07:21	02/27/14 10:32	5
Copper	280		12	3.0	mg/Kg	☼	02/26/14 07:21	02/27/14 10:32	5
Iron	110000		30	18	mg/Kg	☼	02/26/14 07:21	02/27/14 10:32	5
Lead	1100		3.0	0.90	mg/Kg	☼	02/26/14 07:21	02/27/14 10:32	5

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #6 Football Field

TestAmerica Job ID: 640-46934-1

Client Sample ID: SB-51 (0-1)
Date Collected: 02/24/14 11:25
Date Received: 02/25/14 09:00

Lab Sample ID: 640-46934-4
Matrix: Solid
Percent Solids: 85.5

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.9		2.4	0.59	mg/Kg	☼	02/26/14 07:21	02/27/14 10:11	1
Arsenic	33		0.59	0.27	mg/Kg	☼	02/26/14 07:21	02/27/14 10:11	1
Barium	110		1.2	0.19	mg/Kg	☼	02/26/14 07:21	02/27/14 10:11	1
Copper	81		2.4	0.59	mg/Kg	☼	02/26/14 07:21	02/27/14 10:11	1
Iron	7800		5.9	3.5	mg/Kg	☼	02/26/14 07:21	02/27/14 10:11	1
Lead	310		0.59	0.18	mg/Kg	☼	02/26/14 07:21	02/27/14 10:11	1

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #6 Football Field

TestAmerica Job ID: 640-46934-1

Client Sample ID: SB-51 (1-2)
Date Collected: 02/24/14 11:28
Date Received: 02/25/14 09:00

Lab Sample ID: 640-46934-5
Matrix: Solid
Percent Solids: 86.3

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	9.2		7.2	1.8	mg/Kg	☼	02/26/14 07:21	02/27/14 10:36	3
Arsenic	20		1.8	0.82	mg/Kg	☼	02/26/14 07:21	02/27/14 10:36	3
Barium	530		3.6	0.57	mg/Kg	☼	02/26/14 07:21	02/27/14 10:36	3
Copper	400		7.2	1.8	mg/Kg	☼	02/26/14 07:21	02/27/14 10:36	3
Iron	41000		18	11	mg/Kg	☼	02/26/14 07:21	02/27/14 10:36	3
Lead	780		1.8	0.54	mg/Kg	☼	02/26/14 07:21	02/27/14 10:36	3

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #6 Football Field

TestAmerica Job ID: 640-46934-1

Client Sample ID: SB-52 (0-2)
Date Collected: 02/24/14 11:40
Date Received: 02/25/14 09:00

Lab Sample ID: 640-46934-6
Matrix: Solid
Percent Solids: 84.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.4	I	2.4	0.60	mg/Kg	☼	02/26/14 07:21	02/27/14 10:19	1
Arsenic	15		0.60	0.27	mg/Kg	☼	02/26/14 07:21	02/27/14 10:19	1
Barium	46		1.2	0.19	mg/Kg	☼	02/26/14 07:21	02/27/14 10:19	1
Cadmium	0.25	I	0.60	0.10	mg/Kg	☼	02/26/14 07:21	02/27/14 10:19	1
Chromium	7.8		1.2	0.20	mg/Kg	☼	02/26/14 07:21	02/27/14 10:19	1
Copper	39		2.4	0.60	mg/Kg	☼	02/26/14 07:21	02/27/14 10:19	1
Iron	9600		6.0	3.6	mg/Kg	☼	02/26/14 07:21	02/27/14 10:19	1
Lead	95		0.60	0.18	mg/Kg	☼	02/26/14 07:21	02/27/14 10:19	1
Selenium	0.44	U	1.2	0.44	mg/Kg	☼	02/26/14 07:21	02/27/14 10:19	1
Silver	0.23	U	1.2	0.23	mg/Kg	☼	02/26/14 07:21	02/27/14 10:19	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.030	I	0.032	0.013	mg/Kg	☼	02/27/14 11:05	02/27/14 14:06	1

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #6 Football Field

TestAmerica Job ID: 640-46934-1

Client Sample ID: SB-53 (0-0.5)
Date Collected: 02/24/14 11:55
Date Received: 02/25/14 09:00

Lab Sample ID: 640-46934-9
Matrix: Solid
Percent Solids: 93.8

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	5.9	I	11	2.7	mg/Kg	☼	02/26/14 07:21	02/27/14 10:39	5
Arsenic	17		2.7	1.2	mg/Kg	☼	02/26/14 07:21	02/27/14 10:39	5
Barium	84		5.3	0.85	mg/Kg	☼	02/26/14 07:21	02/27/14 10:39	5
Copper	95		11	2.7	mg/Kg	☼	02/26/14 07:21	02/27/14 10:39	5
Iron	40000		27	16	mg/Kg	☼	02/26/14 07:21	02/27/14 10:39	5
Lead	370		2.7	0.80	mg/Kg	☼	02/26/14 07:21	02/27/14 10:39	5

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #6 Football Field

TestAmerica Job ID: 640-46934-1

Client Sample ID: SB-53 (0.5-2)
Date Collected: 02/24/14 11:58
Date Received: 02/25/14 09:00

Lab Sample ID: 640-46934-10
Matrix: Solid
Percent Solids: 92.9

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.8	I	2.2	0.56	mg/Kg	☼	02/26/14 08:00	02/26/14 13:12	1
Arsenic	11		0.56	0.26	mg/Kg	☼	02/26/14 08:00	02/26/14 13:12	1
Barium	66		1.1	0.18	mg/Kg	☼	02/26/14 08:00	02/26/14 13:12	1
Copper	42		2.2	0.56	mg/Kg	☼	02/26/14 08:00	02/26/14 13:12	1
Iron	5000		5.6	3.3	mg/Kg	☼	02/26/14 08:00	02/26/14 13:12	1
Lead	110		0.56	0.17	mg/Kg	☼	02/26/14 08:00	02/26/14 13:12	1

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #6 Football Field

TestAmerica Job ID: 640-46934-1

Client Sample ID: SB-54 (0-0.5)
Date Collected: 02/24/14 12:05
Date Received: 02/25/14 09:00

Lab Sample ID: 640-46934-11
Matrix: Solid
Percent Solids: 81.8

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.0	I	2.5	0.63	mg/Kg	☼	02/26/14 08:00	02/26/14 13:16	1
Arsenic	8.6		0.63	0.29	mg/Kg	☼	02/26/14 08:00	02/26/14 13:16	1
Barium	63		1.3	0.20	mg/Kg	☼	02/26/14 08:00	02/26/14 13:16	1
Copper	69		2.5	0.63	mg/Kg	☼	02/26/14 08:00	02/26/14 13:16	1
Iron	7000		6.3	3.8	mg/Kg	☼	02/26/14 08:00	02/26/14 13:16	1
Lead	120		0.63	0.19	mg/Kg	☼	02/26/14 08:00	02/26/14 13:16	1

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #6 Football Field

TestAmerica Job ID: 640-46934-1

Client Sample ID: SB-54 (0.5-1)
Date Collected: 02/24/14 12:08
Date Received: 02/25/14 09:00

Lab Sample ID: 640-46934-12
Matrix: Solid
Percent Solids: 91.2

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	6.2		4.4	1.1	mg/Kg	☼	02/26/14 08:00	02/26/14 13:58	2
Arsenic	14		1.1	0.51	mg/Kg	☼	02/26/14 08:00	02/26/14 13:58	2
Barium	140		2.2	0.35	mg/Kg	☼	02/26/14 08:00	02/26/14 13:58	2
Copper	220		4.4	1.1	mg/Kg	☼	02/26/14 08:00	02/26/14 13:58	2
Iron	33000		11	6.6	mg/Kg	☼	02/26/14 08:00	02/26/14 13:58	2
Lead	320		1.1	0.33	mg/Kg	☼	02/26/14 08:00	02/26/14 13:58	2

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #6 Football Field

TestAmerica Job ID: 640-46934-1

Client Sample ID: SB-54 (1-2)
Date Collected: 02/24/14 12:11
Date Received: 02/25/14 09:00

Lab Sample ID: 640-46934-13
Matrix: Solid
Percent Solids: 89.5

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	4.4		2.2	0.56	mg/Kg	☼	02/26/14 08:00	02/26/14 13:23	1
Arsenic	8.1		0.56	0.26	mg/Kg	☼	02/26/14 08:00	02/26/14 13:23	1
Barium	130		1.1	0.18	mg/Kg	☼	02/26/14 08:00	02/26/14 13:23	1
Copper	90		2.2	0.56	mg/Kg	☼	02/26/14 08:00	02/26/14 13:23	1
Iron	12000		5.6	3.4	mg/Kg	☼	02/26/14 08:00	02/26/14 13:23	1
Lead	290		0.56	0.17	mg/Kg	☼	02/26/14 08:00	02/26/14 13:23	1

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #6 Football Field

TestAmerica Job ID: 640-46934-1

Client Sample ID: SB-55 (0-0.5)
Date Collected: 02/24/14 12:20
Date Received: 02/25/14 09:00

Lab Sample ID: 640-46934-14
Matrix: Solid
Percent Solids: 73.3

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.69	U	2.8	0.69	mg/Kg	☼	02/26/14 08:00	02/26/14 13:26	1
Arsenic	**4.5**		0.69	0.32	mg/Kg	☼	02/26/14 08:00	02/26/14 13:26	1
Barium	**27**		1.4	0.22	mg/Kg	☼	02/26/14 08:00	02/26/14 13:26	1
Copper	**15**		2.8	0.69	mg/Kg	☼	02/26/14 08:00	02/26/14 13:26	1
Iron	**3100**		6.9	4.1	mg/Kg	☼	02/26/14 08:00	02/26/14 13:26	1
Lead	**40**		0.69	0.21	mg/Kg	☼	02/26/14 08:00	02/26/14 13:26	1

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #6 Football Field

TestAmerica Job ID: 640-46934-1

Client Sample ID: SB-55 (0.5-1.5)
Date Collected: 02/24/14 12:23
Date Received: 02/25/14 09:00

Lab Sample ID: 640-46934-15
Matrix: Solid
Percent Solids: 89.8

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.6	I	2.2	0.56	mg/Kg	☼	02/26/14 08:00	02/26/14 13:30	1
Arsenic	4.2		0.56	0.26	mg/Kg	☼	02/26/14 08:00	02/26/14 13:30	1
Barium	34		1.1	0.18	mg/Kg	☼	02/26/14 08:00	02/26/14 13:30	1
Copper	58		2.2	0.56	mg/Kg	☼	02/26/14 08:00	02/26/14 13:30	1
Iron	6900		5.6	3.3	mg/Kg	☼	02/26/14 08:00	02/26/14 13:30	1
Lead	55		0.56	0.17	mg/Kg	☼	02/26/14 08:00	02/26/14 13:30	1

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #6 Football Field

TestAmerica Job ID: 640-46934-1

Client Sample ID: SB-55 (1.5-2)
Date Collected: 02/24/14 12:26
Date Received: 02/25/14 09:00

Lab Sample ID: 640-46934-16
Matrix: Solid
Percent Solids: 92.5

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.8	I	2.2	0.54	mg/Kg	☼	02/26/14 08:00	02/26/14 13:34	1
Arsenic	3.3		0.54	0.25	mg/Kg	☼	02/26/14 08:00	02/26/14 13:34	1
Barium	47		1.1	0.17	mg/Kg	☼	02/26/14 08:00	02/26/14 13:34	1
Copper	41		2.2	0.54	mg/Kg	☼	02/26/14 08:00	02/26/14 13:34	1
Iron	6400		5.4	3.2	mg/Kg	☼	02/26/14 08:00	02/26/14 13:34	1
Lead	100		0.54	0.16	mg/Kg	☼	02/26/14 08:00	02/26/14 13:34	1

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #6 Football Field

TestAmerica Job ID: 640-46934-1

Client Sample ID: SB-56 (0-2)
Date Collected: 02/24/14 12:30
Date Received: 02/25/14 09:00

Lab Sample ID: 640-46934-17
Matrix: Solid
Percent Solids: 86.3

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	3.2		2.3	0.56	mg/Kg	☼	02/26/14 08:00	02/26/14 13:37	1
Arsenic	28		0.56	0.26	mg/Kg	☼	02/26/14 08:00	02/26/14 13:37	1
Barium	78		1.1	0.18	mg/Kg	☼	02/26/14 08:00	02/26/14 13:37	1
Cadmium	0.38	I	0.56	0.098	mg/Kg	☼	02/26/14 08:00	02/26/14 13:37	1
Chromium	9.1		1.1	0.19	mg/Kg	☼	02/26/14 08:00	02/26/14 13:37	1
Copper	71		2.3	0.56	mg/Kg	☼	02/26/14 08:00	02/26/14 13:37	1
Iron	7800		5.6	3.4	mg/Kg	☼	02/26/14 08:00	02/26/14 13:37	1
Lead	170		0.56	0.17	mg/Kg	☼	02/26/14 08:00	02/26/14 13:37	1
Selenium	0.42	U	1.1	0.42	mg/Kg	☼	02/26/14 08:00	02/26/14 13:37	1
Silver	0.43	I	1.1	0.21	mg/Kg	☼	02/26/14 08:00	02/26/14 13:37	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.040		0.033	0.013	mg/Kg	☼	02/27/14 11:05	02/27/14 14:08	1

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #6 Football Field

TestAmerica Job ID: 640-46934-1

Client Sample ID: SB-57 (0-2)
Date Collected: 02/24/14 12:42
Date Received: 02/25/14 09:00

Lab Sample ID: 640-46934-20
Matrix: Solid
Percent Solids: 86.4

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.57	U	2.3	0.57	mg/Kg	☼	02/26/14 08:00	02/26/14 13:41	1
Arsenic	**11**		0.57	0.26	mg/Kg	☼	02/26/14 08:00	02/26/14 13:41	1
Barium	**23**		1.1	0.18	mg/Kg	☼	02/26/14 08:00	02/26/14 13:41	1
Cadmium	**0.72**		0.57	0.10	mg/Kg	☼	02/26/14 08:00	02/26/14 13:41	1
Chromium	**12**		1.1	0.19	mg/Kg	☼	02/26/14 08:00	02/26/14 13:41	1
Copper	**21**		2.3	0.57	mg/Kg	☼	02/26/14 08:00	02/26/14 13:41	1
Iron	**2700**		5.7	3.4	mg/Kg	☼	02/26/14 08:00	02/26/14 13:41	1
Lead	**38**		0.57	0.17	mg/Kg	☼	02/26/14 08:00	02/26/14 13:41	1
Selenium	0.42	U	1.1	0.42	mg/Kg	☼	02/26/14 08:00	02/26/14 13:41	1
Silver	**1.6**		1.1	0.22	mg/Kg	☼	02/26/14 08:00	02/26/14 13:41	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.28**		0.033	0.013	mg/Kg	☼	02/27/14 11:05	02/27/14 14:09	1

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 660-146490/1-A
Matrix: Solid
Analysis Batch: 146534

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 146490

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.50	U	2.0	0.50	mg/Kg		02/26/14 07:21	02/27/14 08:19	1
Arsenic	0.23	U	0.50	0.23	mg/Kg		02/26/14 07:21	02/27/14 08:19	1
Barium	0.16	U	1.0	0.16	mg/Kg		02/26/14 07:21	02/27/14 08:19	1
Cadmium	0.087	U	0.50	0.087	mg/Kg		02/26/14 07:21	02/27/14 08:19	1
Chromium	0.17	U	1.0	0.17	mg/Kg		02/26/14 07:21	02/27/14 08:19	1
Copper	0.50	U	2.0	0.50	mg/Kg		02/26/14 07:21	02/27/14 08:19	1
Iron	3.0	U	5.0	3.0	mg/Kg		02/26/14 07:21	02/27/14 08:19	1
Lead	0.15	U	0.50	0.15	mg/Kg		02/26/14 07:21	02/27/14 08:19	1
Selenium	0.37	U	1.0	0.37	mg/Kg		02/26/14 07:21	02/27/14 08:19	1
Silver	0.19	U	1.0	0.19	mg/Kg		02/26/14 07:21	02/27/14 08:19	1

Lab Sample ID: LCS 660-146490/2-A
Matrix: Solid
Analysis Batch: 146534

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 146490

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	50.0	49.0		mg/Kg		98	75 - 125
Arsenic	50.0	49.3		mg/Kg		99	75 - 125
Barium	50.0	52.1		mg/Kg		104	75 - 125
Cadmium	50.0	48.4		mg/Kg		97	75 - 125
Chromium	50.0	50.8		mg/Kg		102	75 - 125
Copper	50.0	51.4		mg/Kg		103	75 - 125
Iron	50.0	53.8		mg/Kg		108	75 - 125
Lead	50.0	50.5		mg/Kg		101	75 - 125
Selenium	50.0	48.0		mg/Kg		96	75 - 125
Silver	50.0	49.9		mg/Kg		100	75 - 125

Lab Sample ID: MB 660-146491/1-A
Matrix: Solid
Analysis Batch: 146501

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 146491

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.50	U	2.0	0.50	mg/Kg		02/26/14 08:00	02/26/14 12:33	1
Arsenic	0.23	U	0.50	0.23	mg/Kg		02/26/14 08:00	02/26/14 12:33	1
Barium	0.16	U	1.0	0.16	mg/Kg		02/26/14 08:00	02/26/14 12:33	1
Cadmium	0.087	U	0.50	0.087	mg/Kg		02/26/14 08:00	02/26/14 12:33	1
Chromium	0.17	U	1.0	0.17	mg/Kg		02/26/14 08:00	02/26/14 12:33	1
Copper	0.50	U	2.0	0.50	mg/Kg		02/26/14 08:00	02/26/14 12:33	1
Iron	3.0	U	5.0	3.0	mg/Kg		02/26/14 08:00	02/26/14 12:33	1
Lead	0.15	U	0.50	0.15	mg/Kg		02/26/14 08:00	02/26/14 12:33	1
Selenium	0.37	U	1.0	0.37	mg/Kg		02/26/14 08:00	02/26/14 12:33	1
Silver	0.19	U	1.0	0.19	mg/Kg		02/26/14 08:00	02/26/14 12:33	1

Lab Sample ID: LCS 660-146491/2-A
Matrix: Solid
Analysis Batch: 146501

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 146491

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	50.0	50.9		mg/Kg		102	75 - 125

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 660-146491/2-A
Matrix: Solid
Analysis Batch: 146501

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 146491

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	50.0	51.4		mg/Kg		103	75 - 125
Barium	50.0	51.1		mg/Kg		102	75 - 125
Cadmium	50.0	51.4		mg/Kg		103	75 - 125
Chromium	50.0	54.1		mg/Kg		108	75 - 125
Copper	50.0	51.5		mg/Kg		103	75 - 125
Iron	50.0	50.0		mg/Kg		100	75 - 125
Lead	50.0	53.4		mg/Kg		107	75 - 125
Selenium	50.0	50.6		mg/Kg		101	75 - 125
Silver	50.0	50.7		mg/Kg		101	75 - 125

Lab Sample ID: LCSD 660-146491/3-A
Matrix: Solid
Analysis Batch: 146501

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 146491

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	50.0	50.3		mg/Kg		101	75 - 125	1	20
Arsenic	50.0	51.0		mg/Kg		102	75 - 125	1	20
Barium	50.0	51.4		mg/Kg		103	75 - 125	1	20
Cadmium	50.0	50.5		mg/Kg		101	75 - 125	2	20
Chromium	50.0	53.5		mg/Kg		107	75 - 125	1	20
Copper	50.0	50.5		mg/Kg		101	75 - 125	2	20
Iron	50.0	49.9		mg/Kg		100	75 - 125	0	20
Lead	50.0	52.7		mg/Kg		105	75 - 125	1	20
Selenium	50.0	50.1		mg/Kg		100	75 - 125	1	20
Silver	50.0	49.3		mg/Kg		99	75 - 125	3	20

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 660-146548/13-A
Matrix: Solid
Analysis Batch: 146557

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 146548

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.012	U	0.030	0.012	mg/Kg		02/27/14 11:05	02/27/14 13:42	1

Lab Sample ID: LCS 660-146548/14-A
Matrix: Solid
Analysis Batch: 146557

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 146548

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.167	0.156		mg/Kg		94	80 - 120

Metals

Prep Batch: 146490

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46934-1	SB-50 (0-0.5)	Total/NA	Solid	3050B	
640-46934-2	SB-50 (0.5-1.5)	Total/NA	Solid	3050B	
640-46934-3	SB-50 (1.5-2)	Total/NA	Solid	3050B	
640-46934-4	SB-51 (0-1)	Total/NA	Solid	3050B	
640-46934-5	SB-51 (1-2)	Total/NA	Solid	3050B	
640-46934-6	SB-52 (0-2)	Total/NA	Solid	3050B	
640-46934-9	SB-53 (0-0.5)	Total/NA	Solid	3050B	
LCS 660-146490/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 660-146490/1-A	Method Blank	Total/NA	Solid	3050B	

Prep Batch: 146491

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46934-10	SB-53 (0.5-2)	Total/NA	Solid	3050B	
640-46934-11	SB-54 (0-0.5)	Total/NA	Solid	3050B	
640-46934-12	SB-54 (0.5-1)	Total/NA	Solid	3050B	
640-46934-13	SB-54 (1-2)	Total/NA	Solid	3050B	
640-46934-14	SB-55 (0-0.5)	Total/NA	Solid	3050B	
640-46934-15	SB-55 (0.5-1.5)	Total/NA	Solid	3050B	
640-46934-16	SB-55 (1.5-2)	Total/NA	Solid	3050B	
640-46934-17	SB-56 (0-2)	Total/NA	Solid	3050B	
640-46934-20	SB-57 (0-2)	Total/NA	Solid	3050B	
LCS 660-146491/2-A	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 660-146491/3-A	Lab Control Sample Dup	Total/NA	Solid	3050B	
MB 660-146491/1-A	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 146501

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46934-10	SB-53 (0.5-2)	Total/NA	Solid	6010B	146491
640-46934-11	SB-54 (0-0.5)	Total/NA	Solid	6010B	146491
640-46934-12	SB-54 (0.5-1)	Total/NA	Solid	6010B	146491
640-46934-13	SB-54 (1-2)	Total/NA	Solid	6010B	146491
640-46934-14	SB-55 (0-0.5)	Total/NA	Solid	6010B	146491
640-46934-15	SB-55 (0.5-1.5)	Total/NA	Solid	6010B	146491
640-46934-16	SB-55 (1.5-2)	Total/NA	Solid	6010B	146491
640-46934-17	SB-56 (0-2)	Total/NA	Solid	6010B	146491
640-46934-20	SB-57 (0-2)	Total/NA	Solid	6010B	146491
LCS 660-146491/2-A	Lab Control Sample	Total/NA	Solid	6010B	146491
LCSD 660-146491/3-A	Lab Control Sample Dup	Total/NA	Solid	6010B	146491
MB 660-146491/1-A	Method Blank	Total/NA	Solid	6010B	146491

Analysis Batch: 146534

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46934-1	SB-50 (0-0.5)	Total/NA	Solid	6010B	146490
640-46934-2	SB-50 (0.5-1.5)	Total/NA	Solid	6010B	146490
640-46934-3	SB-50 (1.5-2)	Total/NA	Solid	6010B	146490
640-46934-4	SB-51 (0-1)	Total/NA	Solid	6010B	146490
640-46934-5	SB-51 (1-2)	Total/NA	Solid	6010B	146490
640-46934-6	SB-52 (0-2)	Total/NA	Solid	6010B	146490
640-46934-9	SB-53 (0-0.5)	Total/NA	Solid	6010B	146490
LCS 660-146490/2-A	Lab Control Sample	Total/NA	Solid	6010B	146490
MB 660-146490/1-A	Method Blank	Total/NA	Solid	6010B	146490

Metals (Continued)

Prep Batch: 146548

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46934-1	SB-50 (0-0.5)	Total/NA	Solid	7471A	
640-46934-6	SB-52 (0-2)	Total/NA	Solid	7471A	
640-46934-17	SB-56 (0-2)	Total/NA	Solid	7471A	
640-46934-20	SB-57 (0-2)	Total/NA	Solid	7471A	
LCS 660-146548/14-A	Lab Control Sample	Total/NA	Solid	7471A	
MB 660-146548/13-A	Method Blank	Total/NA	Solid	7471A	

Analysis Batch: 146557

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46934-1	SB-50 (0-0.5)	Total/NA	Solid	7471A	146548
640-46934-6	SB-52 (0-2)	Total/NA	Solid	7471A	146548
640-46934-17	SB-56 (0-2)	Total/NA	Solid	7471A	146548
640-46934-20	SB-57 (0-2)	Total/NA	Solid	7471A	146548
LCS 660-146548/14-A	Lab Control Sample	Total/NA	Solid	7471A	146548
MB 660-146548/13-A	Method Blank	Total/NA	Solid	7471A	146548

General Chemistry

Analysis Batch: 146547

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46934-1	SB-50 (0-0.5)	Total/NA	Solid	Moisture	
640-46934-2	SB-50 (0.5-1.5)	Total/NA	Solid	Moisture	
640-46934-3	SB-50 (1.5-2)	Total/NA	Solid	Moisture	

Analysis Batch: 146555

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46934-4	SB-51 (0-1)	Total/NA	Solid	Moisture	
640-46934-4 DU	SB-51 (0-1)	Total/NA	Solid	Moisture	
640-46934-5	SB-51 (1-2)	Total/NA	Solid	Moisture	
640-46934-6	SB-52 (0-2)	Total/NA	Solid	Moisture	
640-46934-9	SB-53 (0-0.5)	Total/NA	Solid	Moisture	
640-46934-10	SB-53 (0.5-2)	Total/NA	Solid	Moisture	
640-46934-11	SB-54 (0-0.5)	Total/NA	Solid	Moisture	
640-46934-12	SB-54 (0.5-1)	Total/NA	Solid	Moisture	
640-46934-13	SB-54 (1-2)	Total/NA	Solid	Moisture	
640-46934-14	SB-55 (0-0.5)	Total/NA	Solid	Moisture	
640-46934-15	SB-55 (0.5-1.5)	Total/NA	Solid	Moisture	
640-46934-16	SB-55 (1.5-2)	Total/NA	Solid	Moisture	
640-46934-17	SB-56 (0-2)	Total/NA	Solid	Moisture	
640-46934-20	SB-57 (0-2)	Total/NA	Solid	Moisture	

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #6 Football Field

TestAmerica Job ID: 640-46934-1

Client Sample ID: SB-50 (0-0.5)

Lab Sample ID: 640-46934-1
Date Collected: 02/24/14 11:20
Matrix: Solid
Date Received: 02/25/14 09:00
Percent Solids: 84.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146490	02/26/14 07:21	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146534	02/27/14 09:53	GAF	TAL TAM
Total/NA	Prep	7471A			146548	02/27/14 11:05	RAG	TAL TAM
Total/NA	Analysis	7471A		1	146557	02/27/14 14:04	RAG	TAL TAM
Total/NA	Analysis	Moisture		1	146547	02/27/14 12:44	AJG	TAL TAM

Client Sample ID: SB-50 (0.5-1.5)

Lab Sample ID: 640-46934-2
Date Collected: 02/24/14 11:23
Matrix: Solid
Date Received: 02/25/14 09:00
Percent Solids: 90.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146490	02/26/14 07:21	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146534	02/27/14 09:57	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146547	02/27/14 12:46	AJG	TAL TAM

Client Sample ID: SB-50 (1.5-2)

Lab Sample ID: 640-46934-3
Date Collected: 02/24/14 11:26
Matrix: Solid
Date Received: 02/25/14 09:00
Percent Solids: 85.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146490	02/26/14 07:21	GAF	TAL TAM
Total/NA	Analysis	6010B		5	146534	02/27/14 10:32	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146547	02/27/14 12:57	AJG	TAL TAM

Client Sample ID: SB-51 (0-1)

Lab Sample ID: 640-46934-4
Date Collected: 02/24/14 11:25
Matrix: Solid
Date Received: 02/25/14 09:00
Percent Solids: 85.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146490	02/26/14 07:21	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146534	02/27/14 10:11	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146555	02/27/14 13:09	AJG	TAL TAM

Client Sample ID: SB-51 (1-2)

Lab Sample ID: 640-46934-5
Date Collected: 02/24/14 11:28
Matrix: Solid
Date Received: 02/25/14 09:00
Percent Solids: 86.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146490	02/26/14 07:21	GAF	TAL TAM
Total/NA	Analysis	6010B		3	146534	02/27/14 10:36	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146555	02/27/14 13:27	AJG	TAL TAM

Client Sample ID: SB-52 (0-2)

Lab Sample ID: 640-46934-6

Date Collected: 02/24/14 11:40
Matrix: Solid
Date Received: 02/25/14 09:00
Percent Solids: 84.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146490	02/26/14 07:21	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146534	02/27/14 10:19	GAF	TAL TAM
Total/NA	Prep	7471A			146548	02/27/14 11:05	RAG	TAL TAM
Total/NA	Analysis	7471A		1	146557	02/27/14 14:06	RAG	TAL TAM
Total/NA	Analysis	Moisture		1	146555	02/27/14 13:28	AJG	TAL TAM

Client Sample ID: SB-53 (0-0.5)

Lab Sample ID: 640-46934-9

Date Collected: 02/24/14 11:55
Matrix: Solid
Date Received: 02/25/14 09:00
Percent Solids: 93.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146490	02/26/14 07:21	GAF	TAL TAM
Total/NA	Analysis	6010B		5	146534	02/27/14 10:39	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146555	02/27/14 13:33	AJG	TAL TAM

Client Sample ID: SB-53 (0.5-2)

Lab Sample ID: 640-46934-10

Date Collected: 02/24/14 11:58
Matrix: Solid
Date Received: 02/25/14 09:00
Percent Solids: 92.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146491	02/26/14 08:00	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146501	02/26/14 13:12	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146555	02/27/14 13:33	AJG	TAL TAM

Client Sample ID: SB-54 (0-0.5)

Lab Sample ID: 640-46934-11

Date Collected: 02/24/14 12:05
Matrix: Solid
Date Received: 02/25/14 09:00
Percent Solids: 81.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146491	02/26/14 08:00	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146501	02/26/14 13:16	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146555	02/27/14 13:47	AJG	TAL TAM

Client Sample ID: SB-54 (0.5-1)

Lab Sample ID: 640-46934-12

Date Collected: 02/24/14 12:08
Matrix: Solid
Date Received: 02/25/14 09:00
Percent Solids: 91.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146491	02/26/14 08:00	GAF	TAL TAM
Total/NA	Analysis	6010B		2	146501	02/26/14 13:58	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146555	02/27/14 13:39	AJG	TAL TAM

Lab Chronicle

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #6 Football Field

TestAmerica Job ID: 640-46934-1

Client Sample ID: SB-54 (1-2)

Lab Sample ID: 640-46934-13
Date Collected: 02/24/14 12:11
Matrix: Solid
Date Received: 02/25/14 09:00
Percent Solids: 89.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146491	02/26/14 08:00	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146501	02/26/14 13:23	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146555	02/27/14 13:47	AJG	TAL TAM

Client Sample ID: SB-55 (0-0.5)

Lab Sample ID: 640-46934-14
Date Collected: 02/24/14 12:20
Matrix: Solid
Date Received: 02/25/14 09:00
Percent Solids: 73.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146491	02/26/14 08:00	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146501	02/26/14 13:26	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146555	02/27/14 14:00	AJG	TAL TAM

Client Sample ID: SB-55 (0.5-1.5)

Lab Sample ID: 640-46934-15
Date Collected: 02/24/14 12:23
Matrix: Solid
Date Received: 02/25/14 09:00
Percent Solids: 89.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146491	02/26/14 08:00	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146501	02/26/14 13:30	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146555	02/27/14 13:55	AJG	TAL TAM

Client Sample ID: SB-55 (1.5-2)

Lab Sample ID: 640-46934-16
Date Collected: 02/24/14 12:26
Matrix: Solid
Date Received: 02/25/14 09:00
Percent Solids: 92.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146491	02/26/14 08:00	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146501	02/26/14 13:34	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146555	02/27/14 14:02	AJG	TAL TAM

Client Sample ID: SB-56 (0-2)

Lab Sample ID: 640-46934-17
Date Collected: 02/24/14 12:30
Matrix: Solid
Date Received: 02/25/14 09:00
Percent Solids: 86.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146491	02/26/14 08:00	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146501	02/26/14 13:37	GAF	TAL TAM
Total/NA	Prep	7471A			146548	02/27/14 11:05	RAG	TAL TAM
Total/NA	Analysis	7471A		1	146557	02/27/14 14:08	RAG	TAL TAM
Total/NA	Analysis	Moisture		1	146555	02/27/14 14:07	AJG	TAL TAM

Lab Chronicle

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #6 Football Field

TestAmerica Job ID: 640-46934-1

Client Sample ID: SB-57 (0-2)
Date Collected: 02/24/14 12:42
Date Received: 02/25/14 09:00

Lab Sample ID: 640-46934-20
Matrix: Solid
Percent Solids: 86.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146491	02/26/14 08:00	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146501	02/26/14 13:41	GAF	TAL TAM
Total/NA	Prep	7471A			146548	02/27/14 11:05	RAG	TAL TAM
Total/NA	Analysis	7471A		1	146557	02/27/14 14:09	RAG	TAL TAM
Total/NA	Analysis	Moisture		1	146555	02/27/14 14:12	AJG	TAL TAM

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #6 Football Field

TestAmerica Job ID: 640-46934-1

Laboratory: TestAmerica Tallahassee

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E81005	06-30-14
Georgia	State Program	4		06-30-14
Louisiana	NELAP	6	30663	06-30-14
New Jersey	NELAP	2	FL012	06-30-14
Texas	NELAP	6	T104704459-11-2	03-31-14
USDA	Federal		P330-08-00158	08-05-14

Laboratory: TestAmerica Tampa

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alabama	State Program	4	40610	06-30-14
Florida	NELAP	4	E84282	06-30-14
Georgia	State Program	4	905	06-30-14
USDA	Federal		P330-11-00177	04-20-14

Method Summary

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #6 Football Field

TestAmerica Job ID: 640-46934-1

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL TAM
7471A	Mercury (CVAA)	SW846	TAL TAM
Moisture	Percent Moisture	EPA	TAL TAM

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Sample Summary

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #6 Football Field

TestAmerica Job ID: 640-46934-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
640-46934-1	SB-50 (0-0.5)	Solid	02/24/14 11:20	02/25/14 09:00
640-46934-2	SB-50 (0.5-1.5)	Solid	02/24/14 11:23	02/25/14 09:00
640-46934-3	SB-50 (1.5-2)	Solid	02/24/14 11:26	02/25/14 09:00
640-46934-4	SB-51 (0-1)	Solid	02/24/14 11:25	02/25/14 09:00
640-46934-5	SB-51 (1-2)	Solid	02/24/14 11:28	02/25/14 09:00
640-46934-6	SB-52 (0-2)	Solid	02/24/14 11:40	02/25/14 09:00
640-46934-9	SB-53 (0-0.5)	Solid	02/24/14 11:55	02/25/14 09:00
640-46934-10	SB-53 (0.5-2)	Solid	02/24/14 11:58	02/25/14 09:00
640-46934-11	SB-54 (0-0.5)	Solid	02/24/14 12:05	02/25/14 09:00
640-46934-12	SB-54 (0.5-1)	Solid	02/24/14 12:08	02/25/14 09:00
640-46934-13	SB-54 (1-2)	Solid	02/24/14 12:11	02/25/14 09:00
640-46934-14	SB-55 (0-0.5)	Solid	02/24/14 12:20	02/25/14 09:00
640-46934-15	SB-55 (0.5-1.5)	Solid	02/24/14 12:23	02/25/14 09:00
640-46934-16	SB-55 (1.5-2)	Solid	02/24/14 12:26	02/25/14 09:00
640-46934-17	SB-56 (0-2)	Solid	02/24/14 12:30	02/25/14 09:00
640-46934-20	SB-57 (0-2)	Solid	02/24/14 12:42	02/25/14 09:00

TestAmerica Tallahassee
2846 Industrial Plaza Drive
Tallahassee, FL 32301
phone 850.878.3994 fax

Chain of Custody Record

Area #6 - FOOTBALL FIELD. ~~COORDS~~ MP

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Eddy Smith	Site Contact: Brittney Odom	Date:	COC No: 640-46934.1
SCS Engineers	Tel/Fax:	Lab Contact: Amy Marks	Carrier:	____ of ____ COCs
7700 North Kendall Drive	**Analysis Turnaround Time**			Sampler:
Miami, Florida 33156	☐ CALENDAR DAYS ☐ WORKING DAYS			**For Lab Use Only:**
305.412.8185 Phone	TAT if different from Below ____			Walk-in Client:
305.412.8105 FAX	☐ 2 weeks			Lab Sampling:
Project Name: Curtis Park	☐ 1 week			
Site: 1901 NW 24th Ave, Miami, FL	☐ 2 days			Job / SDG No.: 640-46934
PO#	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	[redacted]	Dioxins (8290)	PCBs (8082)	Metal #1	Metals #2	Sample Specific Notes:
SB-50 (0-0.5)	24-Feb-14	11:20	C	So							X	X	Metals #1
SB-50 (0.5-1.5)	"	11:23	C	So							X		Sb, As, Ba, Cu, Fe & Pb
SB-50 (1.5-2)	"	11:24	C	So							X		
SB-51 (0-1)	"	11:25	C	So							X		Metals #2
SB-51 (1-2)	"	11:28	C	So							X		Cd, Cr, Hg, Se & Ag
SB-52 (0-2)	"	11:40	C	So							X	X	
SB-52 (0-1)	"	11:43	C	So									HOLD
SB-52 (1-2)	"	11:46	C	So									HOLD
SB-53 (0-0.5)	"	11:55	C	So							X		
SB-53 (0.5-2)	"	11:58	C	So							X		
SB-54 (0-0.5)	"	12:05	C	So							X		
SB-54 (0.5-1)	"	12:08	C	So							X		

640-46934 Chain of Custody

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for ____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temp. (°C): Obs'd:	Corr'd:	Therm ID No.:

Relinquished by:	Company: SCS ES	Date/Time: 24 Feb 14 1500	Received by:	Company: TA	Date/Time: 2/24/14 1500
Relinquished by:	Company:	Date/Time:	Received by:	Company: 2/25/14	Date/Time: 0900
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

3/4/2014

TestAmerica Tallahassee
2846 Industrial Plaza Drive

Tallahassee, FL 32301
phone 850.878.3994 fax

Chain of Custody Record

AREA #6 - FOOTBALL FIELD

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Eddy Smith	Site Contact: Brittney Odom	Date:	COC No: 640-46934.2
SCS Engineers	Tel/Fax:	Lab Contact: Amy Marks	Carrier:	____ of ____ COCs
7700 North Kendall Drive	Analysis Turnaround Time			Sampler:
Miami, Florida 33156	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
305.412.8185 Phone	TAT if different from Below ____			Walk-in Client:
305.412.8105 FAX	☐ 2 weeks			Lab Sampling:
Project Name: Curtis Park	☐ 1 week			
Site: 1901 NW 24th Ave, Miami, FL	☐ 2 days			Job / SDG No.:
P O #	☐ 1 day			640-46934

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	[redacted]	Dioxins (8290)	PCBs (8082)	Metal #1	Metal #2	Sample Specific Notes:
SB-54 (1-2)	24-Feb-14	12:11	C	So							X		Metal #1
SB-55 (0-0.5)	"	12:20	C	So							X		Sb, As, Ba, Cu, Fe, Pb
SB-55 (0.5-1.5)	"	12:23	C	So							X		
SB-55 (1.5-2)	"	12:24	C	So							X		Metals #2
SB-56 (0-2)	"	12:30	C	So							X	X	Cd, Cr, Hg, Se & Ag
SB-56 (0-1)	"	12:33	C	So									HOLD
SB-56 (1-2)	"	12:36	C	So									HOLD
SB-57 (0-2)	"	12:42	C	So							X	X	
SB-57 (0-1)	"	12:45	C	So									HOLD
SB-57 (1-2)	"	12:48	C	So									HOLD

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for ____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temp. (°C): Obs'd: ____ Corr'd: ____	Therm ID No.: ____

	Company	Date/Time		Company	Date/Time
Relinquished by: [signature]	SCS ES	24-Feb-14 15:00	Received by: [signature]	TA	2/24/14 1500
Relinquished by: [signature]	Company:	Date/Time:	Received by: [signature]	Company: TA-Tampa	Date/Time: 2/25/14 0900
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

3/4/2014

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tallahassee
2846 Industrial Plaza Drive
Tallahassee, FL 32301
Tel: (850)878-3994

TestAmerica Job ID: 640-46932-1
Client Project/Site: Curtis Park - Area #7 Pool

For:
SCS ES Consultants
7700 N. Kendall Drive, Suite 300
Miami, Florida 33156

Attn: Mr. Bob Speed

Authorized for release by:
3/4/2014 12:59:09 PM

Amy Marks, Project Manager II
(850)878-3994
amy.marks@testamericainc.com

Table of Contents

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #7 Pool

TestAmerica Job ID: 640-46932-1

Qualifiers

Metals

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #7 Pool

TestAmerica Job ID: 640-46932-1

Job ID: 640-46932-1

Laboratory: TestAmerica Tallahassee

Narrative

Job Narrative
640-46932-1

Comments
No additional comments.

Receipt
The samples were received on 2/25/2014 at 9:00 AM. The samples arrived in good condition, properly preserved, and on ice. The temperatures of the 3 coolers at receipt time were 4.9º C, 5.1º C and 5.7º C.

Metals
Method 6010B: The following samples were diluted due to high levels of Iron in the matrix that caused an interference with target analytes: SB-58 (0-0.5) (640-46932-1), SB-58 (0.5-2) (640-46932-2). The reporting limits have been raised accordingly.

No other analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #7 Pool

TestAmerica Job ID: 640-46932-1

Client Sample ID: SB-58 (0-0.5) — Lab Sample ID: 640-46932-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	10		4.6	1.2	mg/Kg	2	☼	6010B	Total/NA
Arsenic	130		1.2	0.53	mg/Kg	2	☼	6010B	Total/NA
Barium	300		2.3	0.37	mg/Kg	2	☼	6010B	Total/NA
Cadmium	3.2		1.2	0.20	mg/Kg	2	☼	6010B	Total/NA
Chromium	32		2.3	0.39	mg/Kg	2	☼	6010B	Total/NA
Copper	770		4.6	1.2	mg/Kg	2	☼	6010B	Total/NA
Iron	31000		12	7.0	mg/Kg	2	☼	6010B	Total/NA
Lead	970		1.2	0.35	mg/Kg	2	☼	6010B	Total/NA
Silver	3.2		2.3	0.44	mg/Kg	2	☼	6010B	Total/NA
Mercury	0.24		0.034	0.014	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB-58 (0.5-2) — Lab Sample ID: 640-46932-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	46		12	2.9	mg/Kg	5	☼	6010B	Total/NA
Arsenic	420		2.9	1.3	mg/Kg	5	☼	6010B	Total/NA
Barium	810		5.9	0.94	mg/Kg	5	☼	6010B	Total/NA
Copper	750		12	2.9	mg/Kg	5	☼	6010B	Total/NA
Iron	100000		29	18	mg/Kg	5	☼	6010B	Total/NA
Lead	2200		2.9	0.88	mg/Kg	5	☼	6010B	Total/NA

Client Sample ID: SB-59 (0-0.5) — Lab Sample ID: 640-46932-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	4.7		2.2	0.56	mg/Kg	1	☼	6010B	Total/NA
Arsenic	8.3		0.56	0.26	mg/Kg	1	☼	6010B	Total/NA
Barium	25		1.1	0.18	mg/Kg	1	☼	6010B	Total/NA
Copper	50		2.2	0.56	mg/Kg	1	☼	6010B	Total/NA
Iron	6000		5.6	3.3	mg/Kg	1	☼	6010B	Total/NA
Lead	350		0.56	0.17	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-59 (0.5-2) — Lab Sample ID: 640-46932-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.6		0.62	0.28	mg/Kg	1	☼	6010B	Total/NA
Barium	16		1.2	0.20	mg/Kg	1	☼	6010B	Total/NA
Copper	30		2.5	0.62	mg/Kg	1	☼	6010B	Total/NA
Iron	3100		6.2	3.7	mg/Kg	1	☼	6010B	Total/NA
Lead	70		0.62	0.18	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-60 (0-0.5) — Lab Sample ID: 640-46932-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	5.8		2.4	0.59	mg/Kg	1	☼	6010B	Total/NA
Arsenic	6.2		0.59	0.27	mg/Kg	1	☼	6010B	Total/NA
Barium	110		1.2	0.19	mg/Kg	1	☼	6010B	Total/NA
Cadmium	1.0		0.59	0.10	mg/Kg	1	☼	6010B	Total/NA
Chromium	14		1.2	0.20	mg/Kg	1	☼	6010B	Total/NA
Copper	120		2.4	0.59	mg/Kg	1	☼	6010B	Total/NA
Iron	9900		5.9	3.6	mg/Kg	1	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #7 Pool

TestAmerica Job ID: 640-46932-1

Client Sample ID: SB-60 (0-0.5) (Continued) — Lab Sample ID: 640-46932-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	430		0.59	0.18	mg/Kg	1	☼	6010B	Total/NA
Silver	0.65	I	1.2	0.23	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.18		0.034	0.014	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB-60 (0.5-2) — Lab Sample ID: 640-46932-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	110		2.2	0.56	mg/Kg	1	☼	6010B	Total/NA
Arsenic	50		0.56	0.26	mg/Kg	1	☼	6010B	Total/NA
Barium	180		1.1	0.18	mg/Kg	1	☼	6010B	Total/NA
Copper	150		2.2	0.56	mg/Kg	1	☼	6010B	Total/NA
Iron	19000		5.6	3.4	mg/Kg	1	☼	6010B	Total/NA
Lead	2300		0.56	0.17	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-61 (0-2) — Lab Sample ID: 640-46932-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.5		0.54	0.25	mg/Kg	1	☼	6010B	Total/NA
Barium	13		1.1	0.17	mg/Kg	1	☼	6010B	Total/NA
Copper	15		2.1	0.54	mg/Kg	1	☼	6010B	Total/NA
Iron	1600		5.4	3.2	mg/Kg	1	☼	6010B	Total/NA
Lead	32		0.54	0.16	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-62 (0-2) — Lab Sample ID: 640-46932-10

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.2		0.51	0.23	mg/Kg	1	☼	6010B	Total/NA
Barium	7.9		1.0	0.16	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.16	I	0.51	0.089	mg/Kg	1	☼	6010B	Total/NA
Chromium	6.4		1.0	0.17	mg/Kg	1	☼	6010B	Total/NA
Copper	11		2.0	0.51	mg/Kg	1	☼	6010B	Total/NA
Iron	1200		5.1	3.1	mg/Kg	1	☼	6010B	Total/NA
Lead	31		0.51	0.15	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.063		0.032	0.013	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB-63 (0-2) — Lab Sample ID: 640-46932-13

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.3		0.56	0.26	mg/Kg	1	☼	6010B	Total/NA
Barium	6.3		1.1	0.18	mg/Kg	1	☼	6010B	Total/NA
Copper	8.0		2.3	0.56	mg/Kg	1	☼	6010B	Total/NA
Iron	1600		5.6	3.4	mg/Kg	1	☼	6010B	Total/NA
Lead	15		0.56	0.17	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-64 (0-2) — Lab Sample ID: 640-46932-16

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	1.2	I	2.4	0.60	mg/Kg	1	☼	6010B	Total/NA
Arsenic	3.3		0.60	0.27	mg/Kg	1	☼	6010B	Total/NA
Barium	26		1.2	0.19	mg/Kg	1	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #7 Pool

TestAmerica Job ID: 640-46932-1

Client Sample ID: SB-64 (0-2) (Continued)

Lab Sample ID: 640-46932-16

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	18		2.4	0.60	mg/Kg	1	☼	6010B	Total/NA
Iron	2700		6.0	3.6	mg/Kg	1	☼	6010B	Total/NA
Lead	60		0.60	0.18	mg/Kg	1	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #7 Pool

TestAmerica Job ID: 640-46932-1

Client Sample ID: SB-58 (0-0.5)
Date Collected: 02/24/14 09:15
Date Received: 02/25/14 09:00

Lab Sample ID: 640-46932-1
Matrix: Solid
Percent Solids: 87.9

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	10		4.6	1.2	mg/Kg	☼	02/26/14 07:21	02/27/14 10:26	2
Arsenic	130		1.2	0.53	mg/Kg	☼	02/26/14 07:21	02/27/14 10:26	2
Barium	300		2.3	0.37	mg/Kg	☼	02/26/14 07:21	02/27/14 10:26	2
Cadmium	3.2		1.2	0.20	mg/Kg	☼	02/26/14 07:21	02/27/14 10:26	2
Chromium	32		2.3	0.39	mg/Kg	☼	02/26/14 07:21	02/27/14 10:26	2
Copper	770		4.6	1.2	mg/Kg	☼	02/26/14 07:21	02/27/14 10:26	2
Iron	31000		12	7.0	mg/Kg	☼	02/26/14 07:21	02/27/14 10:26	2
Lead	970		1.2	0.35	mg/Kg	☼	02/26/14 07:21	02/27/14 10:26	2
Selenium	0.86	U	2.3	0.86	mg/Kg	☼	02/26/14 07:21	02/27/14 10:26	2
Silver	3.2		2.3	0.44	mg/Kg	☼	02/26/14 07:21	02/27/14 10:26	2

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.24		0.034	0.014	mg/Kg	☼	02/27/14 11:05	02/27/14 13:56	1

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #7 Pool

TestAmerica Job ID: 640-46932-1

Client Sample ID: SB-58 (0.5-2)
Date Collected: 02/24/14 09:18
Date Received: 02/25/14 09:00

Lab Sample ID: 640-46932-2
Matrix: Solid
Percent Solids: 88.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	46		12	2.9	mg/Kg	☼	02/26/14 07:21	02/27/14 08:51	5
Arsenic	420		2.9	1.3	mg/Kg	☼	02/26/14 07:21	02/27/14 08:51	5
Barium	810		5.9	0.94	mg/Kg	☼	02/26/14 07:21	02/27/14 08:51	5
Copper	750		12	2.9	mg/Kg	☼	02/26/14 07:21	02/27/14 08:51	5
Iron	100000		29	18	mg/Kg	☼	02/26/14 07:21	02/27/14 08:51	5
Lead	2200		2.9	0.88	mg/Kg	☼	02/26/14 07:21	02/27/14 08:51	5

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #7 Pool

TestAmerica Job ID: 640-46932-1

Client Sample ID: SB-59 (0-0.5)
Date Collected: 02/24/14 09:20
Date Received: 02/25/14 09:00

Lab Sample ID: 640-46932-3
Matrix: Solid
Percent Solids: 90.5

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	4.7		2.2	0.56	mg/Kg	☼	02/26/14 07:21	02/27/14 09:08	1
Arsenic	8.3		0.56	0.26	mg/Kg	☼	02/26/14 07:21	02/27/14 09:08	1
Barium	25		1.1	0.18	mg/Kg	☼	02/26/14 07:21	02/27/14 09:08	1
Copper	50		2.2	0.56	mg/Kg	☼	02/26/14 07:21	02/27/14 09:08	1
Iron	6000		5.6	3.3	mg/Kg	☼	02/26/14 07:21	02/27/14 09:08	1
Lead	350		0.56	0.17	mg/Kg	☼	02/26/14 07:21	02/27/14 09:08	1

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #7 Pool

TestAmerica Job ID: 640-46932-1

Client Sample ID: SB-59 (0.5-2)
Date Collected: 02/24/14 09:23
Date Received: 02/25/14 09:00

Lab Sample ID: 640-46932-4
Matrix: Solid
Percent Solids: 82.1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.62	U	2.5	0.62	mg/Kg	☼	02/26/14 07:21	02/27/14 09:11	1
Arsenic	**5.6**		0.62	0.28	mg/Kg	☼	02/26/14 07:21	02/27/14 09:11	1
Barium	**16**		1.2	0.20	mg/Kg	☼	02/26/14 07:21	02/27/14 09:11	1
Copper	**30**		2.5	0.62	mg/Kg	☼	02/26/14 07:21	02/27/14 09:11	1
Iron	**3100**		6.2	3.7	mg/Kg	☼	02/26/14 07:21	02/27/14 09:11	1
Lead	**70**		0.62	0.18	mg/Kg	☼	02/26/14 07:21	02/27/14 09:11	1

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #7 Pool

TestAmerica Job ID: 640-46932-1

Client Sample ID: SB-60 (0-0.5)
Date Collected: 02/24/14 09:45
Date Received: 02/25/14 09:00

Lab Sample ID: 640-46932-5
Matrix: Solid
Percent Solids: 85.8

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	5.8		2.4	0.59	mg/Kg	☼	02/26/14 07:21	02/27/14 09:14	1
Arsenic	6.2		0.59	0.27	mg/Kg	☼	02/26/14 07:21	02/27/14 09:14	1
Barium	110		1.2	0.19	mg/Kg	☼	02/26/14 07:21	02/27/14 09:14	1
Cadmium	1.0		0.59	0.10	mg/Kg	☼	02/26/14 07:21	02/27/14 09:14	1
Chromium	14		1.2	0.20	mg/Kg	☼	02/26/14 07:21	02/27/14 09:14	1
Copper	120		2.4	0.59	mg/Kg	☼	02/26/14 07:21	02/27/14 09:14	1
Iron	9900		5.9	3.6	mg/Kg	☼	02/26/14 07:21	02/27/14 09:14	1
Lead	430		0.59	0.18	mg/Kg	☼	02/26/14 07:21	02/27/14 09:14	1
Selenium	0.44	U	1.2	0.44	mg/Kg	☼	02/26/14 07:21	02/27/14 09:14	1
Silver	0.65	I	1.2	0.23	mg/Kg	☼	02/26/14 07:21	02/27/14 09:14	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.18		0.034	0.014	mg/Kg	☼	02/27/14 11:05	02/27/14 13:57	1

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #7 Pool

TestAmerica Job ID: 640-46932-1

Client Sample ID: SB-60 (0.5-2)
Date Collected: 02/24/14 09:48
Date Received: 02/25/14 09:00

Lab Sample ID: 640-46932-6
Matrix: Solid
Percent Solids: 89.8

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	110		2.2	0.56	mg/Kg	☼	02/26/14 07:21	02/27/14 09:18	1
Arsenic	50		0.56	0.26	mg/Kg	☼	02/26/14 07:21	02/27/14 09:18	1
Barium	180		1.1	0.18	mg/Kg	☼	02/26/14 07:21	02/27/14 09:18	1
Copper	150		2.2	0.56	mg/Kg	☼	02/26/14 07:21	02/27/14 09:18	1
Iron	19000		5.6	3.4	mg/Kg	☼	02/26/14 07:21	02/27/14 09:18	1
Lead	2300		0.56	0.17	mg/Kg	☼	02/26/14 07:21	02/27/14 09:18	1

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #7 Pool

TestAmerica Job ID: 640-46932-1

Client Sample ID: SB-61 (0-2)
Date Collected: 02/24/14 09:55
Date Received: 02/25/14 09:00

Lab Sample ID: 640-46932-7
Matrix: Solid
Percent Solids: 96.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.54	U	2.1	0.54	mg/Kg	☼	02/26/14 07:21	02/27/14 09:28	1
Arsenic	**1.5**		0.54	0.25	mg/Kg	☼	02/26/14 07:21	02/27/14 09:28	1
Barium	**13**		1.1	0.17	mg/Kg	☼	02/26/14 07:21	02/27/14 09:28	1
Copper	**15**		2.1	0.54	mg/Kg	☼	02/26/14 07:21	02/27/14 09:28	1
Iron	**1600**		5.4	3.2	mg/Kg	☼	02/26/14 07:21	02/27/14 09:28	1
Lead	**32**		0.54	0.16	mg/Kg	☼	02/26/14 07:21	02/27/14 09:28	1

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #7 Pool

TestAmerica Job ID: 640-46932-1

Client Sample ID: SB-62 (0-2)
Date Collected: 02/24/14 10:06
Date Received: 02/25/14 09:00

Lab Sample ID: 640-46932-10
Matrix: Solid
Percent Solids: 95.2

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.51	U	2.0	0.51	mg/Kg	☼	02/26/14 07:21	02/27/14 09:32	1
Arsenic	**1.2**		0.51	0.23	mg/Kg	☼	02/26/14 07:21	02/27/14 09:32	1
Barium	**7.9**		1.0	0.16	mg/Kg	☼	02/26/14 07:21	02/27/14 09:32	1
Cadmium	**0.16**	**I**	0.51	0.089	mg/Kg	☼	02/26/14 07:21	02/27/14 09:32	1
Chromium	**6.4**		1.0	0.17	mg/Kg	☼	02/26/14 07:21	02/27/14 09:32	1
Copper	**11**		2.0	0.51	mg/Kg	☼	02/26/14 07:21	02/27/14 09:32	1
Iron	**1200**		5.1	3.1	mg/Kg	☼	02/26/14 07:21	02/27/14 09:32	1
Lead	**31**		0.51	0.15	mg/Kg	☼	02/26/14 07:21	02/27/14 09:32	1
Selenium	0.38	U	1.0	0.38	mg/Kg	☼	02/26/14 07:21	02/27/14 09:32	1
Silver	0.19	U	1.0	0.19	mg/Kg	☼	02/26/14 07:21	02/27/14 09:32	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.063**		0.032	0.013	mg/Kg	☼	02/27/14 11:05	02/27/14 14:03	1

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #7 Pool

TestAmerica Job ID: 640-46932-1

Client Sample ID: SB-63 (0-2)
Date Collected: 02/24/14 10:20
Date Received: 02/25/14 09:00

Lab Sample ID: 640-46932-13
Matrix: Solid
Percent Solids: 89.7

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.56	U	2.3	0.56	mg/Kg	☼	02/26/14 07:21	02/27/14 09:35	1
Arsenic	**1.3**		0.56	0.26	mg/Kg	☼	02/26/14 07:21	02/27/14 09:35	1
Barium	**6.3**		1.1	0.18	mg/Kg	☼	02/26/14 07:21	02/27/14 09:35	1
Copper	**8.0**		2.3	0.56	mg/Kg	☼	02/26/14 07:21	02/27/14 09:35	1
Iron	**1600**		5.6	3.4	mg/Kg	☼	02/26/14 07:21	02/27/14 09:35	1
Lead	**15**		0.56	0.17	mg/Kg	☼	02/26/14 07:21	02/27/14 09:35	1

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #7 Pool

TestAmerica Job ID: 640-46932-1

Client Sample ID: SB-64 (0-2)
Date Collected: 02/24/14 09:11
Date Received: 02/25/14 09:00

Lab Sample ID: 640-46932-16
Matrix: Solid
Percent Solids: 82.1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.2	I	2.4	0.60	mg/Kg	☼	02/26/14 07:21	02/27/14 09:39	1
Arsenic	3.3		0.60	0.27	mg/Kg	☼	02/26/14 07:21	02/27/14 09:39	1
Barium	26		1.2	0.19	mg/Kg	☼	02/26/14 07:21	02/27/14 09:39	1
Copper	18		2.4	0.60	mg/Kg	☼	02/26/14 07:21	02/27/14 09:39	1
Iron	2700		6.0	3.6	mg/Kg	☼	02/26/14 07:21	02/27/14 09:39	1
Lead	60		0.60	0.18	mg/Kg	☼	02/26/14 07:21	02/27/14 09:39	1

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 660-146490/1-A
Matrix: Solid
Analysis Batch: 146534

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 146490

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.50	U	2.0	0.50	mg/Kg		02/26/14 07:21	02/27/14 08:19	1
Arsenic	0.23	U	0.50	0.23	mg/Kg		02/26/14 07:21	02/27/14 08:19	1
Barium	0.16	U	1.0	0.16	mg/Kg		02/26/14 07:21	02/27/14 08:19	1
Cadmium	0.087	U	0.50	0.087	mg/Kg		02/26/14 07:21	02/27/14 08:19	1
Chromium	0.17	U	1.0	0.17	mg/Kg		02/26/14 07:21	02/27/14 08:19	1
Copper	0.50	U	2.0	0.50	mg/Kg		02/26/14 07:21	02/27/14 08:19	1
Iron	3.0	U	5.0	3.0	mg/Kg		02/26/14 07:21	02/27/14 08:19	1
Lead	0.15	U	0.50	0.15	mg/Kg		02/26/14 07:21	02/27/14 08:19	1
Selenium	0.37	U	1.0	0.37	mg/Kg		02/26/14 07:21	02/27/14 08:19	1
Silver	0.19	U	1.0	0.19	mg/Kg		02/26/14 07:21	02/27/14 08:19	1

Lab Sample ID: LCS 660-146490/2-A
Matrix: Solid
Analysis Batch: 146534

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 146490

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	50.0	49.0		mg/Kg		98	75 - 125
Arsenic	50.0	49.3		mg/Kg		99	75 - 125
Barium	50.0	52.1		mg/Kg		104	75 - 125
Cadmium	50.0	48.4		mg/Kg		97	75 - 125
Chromium	50.0	50.8		mg/Kg		102	75 - 125
Copper	50.0	51.4		mg/Kg		103	75 - 125
Iron	50.0	53.8		mg/Kg		108	75 - 125
Lead	50.0	50.5		mg/Kg		101	75 - 125
Selenium	50.0	48.0		mg/Kg		96	75 - 125
Silver	50.0	49.9		mg/Kg		100	75 - 125

Lab Sample ID: 640-46932-2 MS
Matrix: Solid
Analysis Batch: 146534

Client Sample ID: SB-58 (0.5-2)
Prep Type: Total/NA
Prep Batch: 146490

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	46		55.7	113		mg/Kg	☼	119	75 - 125
Arsenic	420		55.7	270	J3	mg/Kg	☼	-267	75 - 125
Barium	810		55.7	933	J3	mg/Kg	☼	212	75 - 125
Cadmium	5.8		55.7	65.4		mg/Kg	☼	107	75 - 125
Chromium	82		55.7	136		mg/Kg	☼	98	75 - 125
Copper	750		55.7	1620	J3	mg/Kg	☼	1552	75 - 125
Iron	100000		55.7	94500	J3	mg/Kg	☼	-11894	75 - 125
Lead	2200		55.7	11200	J3	mg/Kg	☼	16083	75 - 125
Selenium	2.2		55.7	53.6		mg/Kg	☼	96	75 - 125
Silver	9.2		55.7	68.1		mg/Kg	☼	106	75 - 125

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 640-46932-2 MSD
Matrix: Solid
Analysis Batch: 146534

Client Sample ID: SB-58 (0.5-2)
Prep Type: Total/NA
Prep Batch: 146490

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	46		58.0	139	J3	mg/Kg	☼	160	75 - 125	21	20
Arsenic	420		58.0	302	J3	mg/Kg	☼	-201	75 - 125	11	20
Barium	810		58.0	881		mg/Kg	☼	115	75 - 125	6	20
Cadmium	5.8		58.0	68.8		mg/Kg	☼	109	75 - 125	5	20
Chromium	82		58.0	134		mg/Kg	☼	89	75 - 125	2	20
Copper	750		58.0	754	J3	mg/Kg	☼	6	75 - 125	73	20
Iron	100000		58.0	86100	J3	mg/Kg	☼	-25804	75 - 125	9	20
Lead	2200		58.0	3670	J3	mg/Kg	☼	2503	75 - 125	101	20
Selenium	2.2		58.0	58.6		mg/Kg	☼	101	75 - 125	9	20
Silver	9.2		58.0	72.2		mg/Kg	☼	109	75 - 125	6	20

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 660-146548/13-A
Matrix: Solid
Analysis Batch: 146557

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 146548

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.012	U	0.030	0.012	mg/Kg		02/27/14 11:05	02/27/14 13:42	1

Lab Sample ID: LCS 660-146548/14-A
Matrix: Solid
Analysis Batch: 146557

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 146548

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.167	0.156		mg/Kg		94	80 - 120

Metals

Prep Batch: 146490

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46932-1	SB-58 (0-0.5)	Total/NA	Solid	3050B	
640-46932-2	SB-58 (0.5-2)	Total/NA	Solid	3050B	
640-46932-2 MS	SB-58 (0.5-2)	Total/NA	Solid	3050B	
640-46932-2 MSD	SB-58 (0.5-2)	Total/NA	Solid	3050B	
640-46932-3	SB-59 (0-0.5)	Total/NA	Solid	3050B	
640-46932-4	SB-59 (0.5-2)	Total/NA	Solid	3050B	
640-46932-5	SB-60 (0-0.5)	Total/NA	Solid	3050B	
640-46932-6	SB-60 (0.5-2)	Total/NA	Solid	3050B	
640-46932-7	SB-61 (0-2)	Total/NA	Solid	3050B	
640-46932-10	SB-62 (0-2)	Total/NA	Solid	3050B	
640-46932-13	SB-63 (0-2)	Total/NA	Solid	3050B	
640-46932-16	SB-64 (0-2)	Total/NA	Solid	3050B	
LCS 660-146490/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 660-146490/1-A	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 146534

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46932-1	SB-58 (0-0.5)	Total/NA	Solid	6010B	146490
640-46932-2	SB-58 (0.5-2)	Total/NA	Solid	6010B	146490
640-46932-2 MS	SB-58 (0.5-2)	Total/NA	Solid	6010B	146490
640-46932-2 MSD	SB-58 (0.5-2)	Total/NA	Solid	6010B	146490
640-46932-3	SB-59 (0-0.5)	Total/NA	Solid	6010B	146490
640-46932-4	SB-59 (0.5-2)	Total/NA	Solid	6010B	146490
640-46932-5	SB-60 (0-0.5)	Total/NA	Solid	6010B	146490
640-46932-6	SB-60 (0.5-2)	Total/NA	Solid	6010B	146490
640-46932-7	SB-61 (0-2)	Total/NA	Solid	6010B	146490
640-46932-10	SB-62 (0-2)	Total/NA	Solid	6010B	146490
640-46932-13	SB-63 (0-2)	Total/NA	Solid	6010B	146490
640-46932-16	SB-64 (0-2)	Total/NA	Solid	6010B	146490
LCS 660-146490/2-A	Lab Control Sample	Total/NA	Solid	6010B	146490
MB 660-146490/1-A	Method Blank	Total/NA	Solid	6010B	146490

Prep Batch: 146548

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46932-1	SB-58 (0-0.5)	Total/NA	Solid	7471A	
640-46932-5	SB-60 (0-0.5)	Total/NA	Solid	7471A	
640-46932-10	SB-62 (0-2)	Total/NA	Solid	7471A	
LCS 660-146548/14-A	Lab Control Sample	Total/NA	Solid	7471A	
MB 660-146548/13-A	Method Blank	Total/NA	Solid	7471A	

Analysis Batch: 146557

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46932-1	SB-58 (0-0.5)	Total/NA	Solid	7471A	146548
640-46932-5	SB-60 (0-0.5)	Total/NA	Solid	7471A	146548
640-46932-10	SB-62 (0-2)	Total/NA	Solid	7471A	146548
LCS 660-146548/14-A	Lab Control Sample	Total/NA	Solid	7471A	146548
MB 660-146548/13-A	Method Blank	Total/NA	Solid	7471A	146548

QC Association Summary

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #7 Pool

TestAmerica Job ID: 640-46932-1

General Chemistry

Analysis Batch: 146507

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46932-1	SB-58 (0-0.5)	Total/NA	Solid	Moisture	
640-46932-2	SB-58 (0.5-2)	Total/NA	Solid	Moisture	
640-46932-3	SB-59 (0-0.5)	Total/NA	Solid	Moisture	
640-46932-4	SB-59 (0.5-2)	Total/NA	Solid	Moisture	
640-46932-5	SB-60 (0-0.5)	Total/NA	Solid	Moisture	
640-46932-6	SB-60 (0.5-2)	Total/NA	Solid	Moisture	
640-46932-7	SB-61 (0-2)	Total/NA	Solid	Moisture	
640-46932-10	SB-62 (0-2)	Total/NA	Solid	Moisture	
640-46932-13	SB-63 (0-2)	Total/NA	Solid	Moisture	
640-46932-16	SB-64 (0-2)	Total/NA	Solid	Moisture	

Client Sample ID: SB-58 (0-0.5)

Lab Sample ID: 640-46932-1

Date Collected: 02/24/14 09:15

Matrix: Solid

Date Received: 02/25/14 09:00

Percent Solids: 87.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146490	02/26/14 07:21	GAF	TAL TAM
Total/NA	Analysis	6010B		2	146534	02/27/14 10:26	GAF	TAL TAM
Total/NA	Prep	7471A			146548	02/27/14 11:05	RAG	TAL TAM
Total/NA	Analysis	7471A		1	146557	02/27/14 13:56	RAG	TAL TAM
Total/NA	Analysis	Moisture		1	146507	02/26/14 10:04	AJG	TAL TAM

Client Sample ID: SB-58 (0.5-2)

Lab Sample ID: 640-46932-2

Date Collected: 02/24/14 09:18

Matrix: Solid

Date Received: 02/25/14 09:00

Percent Solids: 88.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146490	02/26/14 07:21	GAF	TAL TAM
Total/NA	Analysis	6010B		5	146534	02/27/14 08:51	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146507	02/26/14 10:21	AJG	TAL TAM

Client Sample ID: SB-59 (0-0.5)

Lab Sample ID: 640-46932-3

Date Collected: 02/24/14 09:20

Matrix: Solid

Date Received: 02/25/14 09:00

Percent Solids: 90.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146490	02/26/14 07:21	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146534	02/27/14 09:08	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146507	02/26/14 10:15	AJG	TAL TAM

Client Sample ID: SB-59 (0.5-2)

Lab Sample ID: 640-46932-4

Date Collected: 02/24/14 09:23

Matrix: Solid

Date Received: 02/25/14 09:00

Percent Solids: 82.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146490	02/26/14 07:21	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146534	02/27/14 09:11	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146507	02/26/14 10:29	AJG	TAL TAM

Client Sample ID: SB-60 (0-0.5)

Lab Sample ID: 640-46932-5

Date Collected: 02/24/14 09:45

Matrix: Solid

Date Received: 02/25/14 09:00

Percent Solids: 85.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146490	02/26/14 07:21	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146534	02/27/14 09:14	GAF	TAL TAM
Total/NA	Prep	7471A			146548	02/27/14 11:05	RAG	TAL TAM
Total/NA	Analysis	7471A		1	146557	02/27/14 13:57	RAG	TAL TAM

Lab Chronicle

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #7 Pool

TestAmerica Job ID: 640-46932-1

Client Sample ID: SB-60 (0-0.5)

Lab Sample ID: 640-46932-5

Date Collected: 02/24/14 09:45
Matrix: Solid
Date Received: 02/25/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	146507	02/26/14 10:34	AJG	TAL TAM

Client Sample ID: SB-60 (0.5-2)

Lab Sample ID: 640-46932-6

Date Collected: 02/24/14 09:48
Matrix: Solid
Date Received: 02/25/14 09:00
Percent Solids: 89.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146490	02/26/14 07:21	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146534	02/27/14 09:18	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146507	02/26/14 11:04	AJG	TAL TAM

Client Sample ID: SB-61 (0-2)

Lab Sample ID: 640-46932-7

Date Collected: 02/24/14 09:55
Matrix: Solid
Date Received: 02/25/14 09:00
Percent Solids: 96.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146490	02/26/14 07:21	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146534	02/27/14 09:28	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146507	02/26/14 11:01	AJG	TAL TAM

Client Sample ID: SB-62 (0-2)

Lab Sample ID: 640-46932-10

Date Collected: 02/24/14 10:06
Matrix: Solid
Date Received: 02/25/14 09:00
Percent Solids: 95.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146490	02/26/14 07:21	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146534	02/27/14 09:32	GAF	TAL TAM
Total/NA	Prep	7471A			146548	02/27/14 11:05	RAG	TAL TAM
Total/NA	Analysis	7471A		1	146557	02/27/14 14:03	RAG	TAL TAM
Total/NA	Analysis	Moisture		1	146507	02/26/14 11:07	AJG	TAL TAM

Client Sample ID: SB-63 (0-2)

Lab Sample ID: 640-46932-13

Date Collected: 02/24/14 10:20
Matrix: Solid
Date Received: 02/25/14 09:00
Percent Solids: 89.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146490	02/26/14 07:21	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146534	02/27/14 09:35	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146507	02/26/14 11:50	AJG	TAL TAM

Lab Chronicle

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #7 Pool

TestAmerica Job ID: 640-46932-1

Client Sample ID: SB-64 (0-2)
Date Collected: 02/24/14 09:11
Date Received: 02/25/14 09:00

Lab Sample ID: 640-46932-16
Matrix: Solid
Percent Solids: 82.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146490	02/26/14 07:21	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146534	02/27/14 09:39	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146507	02/26/14 11:45	AJG	TAL TAM

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #7 Pool

TestAmerica Job ID: 640-46932-1

Laboratory: TestAmerica Tallahassee

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E81005	06-30-14
Georgia	State Program	4		06-30-14
Louisiana	NELAP	6	30663	06-30-14
New Jersey	NELAP	2	FL012	06-30-14
Texas	NELAP	6	T104704459-11-2	03-31-14
USDA	Federal		P330-08-00158	08-05-14

Laboratory: TestAmerica Tampa

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alabama	State Program	4	40610	06-30-14
Florida	NELAP	4	E84282	06-30-14
Georgia	State Program	4	905	06-30-14
USDA	Federal		P330-11-00177	04-20-14

Method Summary

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #7 Pool

TestAmerica Job ID: 640-46932-1

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL TAM
7471A	Mercury (CVAA)	SW846	TAL TAM
Moisture	Percent Moisture	EPA	TAL TAM

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Sample Summary

Client: SCS ES Consultants
Project/Site: Curtis Park - Area #7 Pool

TestAmerica Job ID: 640-46932-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
640-46932-1	SB-58 (0-0.5)	Solid	02/24/14 09:15	02/25/14 09:00
640-46932-2	SB-58 (0.5-2)	Solid	02/24/14 09:18	02/25/14 09:00
640-46932-3	SB-59 (0-0.5)	Solid	02/24/14 09:20	02/25/14 09:00
640-46932-4	SB-59 (0.5-2)	Solid	02/24/14 09:23	02/25/14 09:00
640-46932-5	SB-60 (0-0.5)	Solid	02/24/14 09:45	02/25/14 09:00
640-46932-6	SB-60 (0.5-2)	Solid	02/24/14 09:48	02/25/14 09:00
640-46932-7	SB-61 (0-2)	Solid	02/24/14 09:55	02/25/14 09:00
640-46932-10	SB-62 (0-2)	Solid	02/24/14 10:06	02/25/14 09:00
640-46932-13	SB-63 (0-2)	Solid	02/24/14 10:20	02/25/14 09:00
640-46932-16	SB-64 (0-2)	Solid	02/24/14 09:11	02/25/14 09:00

TestAmerica Tallahassee
2846 Industrial Plaza Drive

Tallahassee, FL 32301
phone 850.878.3994 fax

Chain of Custody Record

AREA#7 - POOL

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

3/4/2014

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Eddy Smith	Site Contact: Brittney Odom	Date:	COC No: 640-46932.1
SCS Engineers:	Tel/Fax:	Lab Contact: Amy Marks	Carrier:	____ of ____ COCs
7700 North Kendall Drive	Analysis Turnaround Time			Sampler:
Miami, Florida 33156	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
305.412.8185 Phone	TAT if different from Below ____			Walk-in Client:
305.412.8105 FAX	☐ 2 weeks			Lab Sampling:
Project Name: Curtis Park	☐ 1 week			
Site: 1901 NW 24th Ave, Miami, FL	☐ 2 days			Job / SDG No.: 640-46932
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	[redacted]	Dioxins (8290)	PCBs (8082)	Metals #1	Metals #2	Sample Specific Notes:
SB-58 (0-0.5)	24-Feb-14	9:15	C	So							X	X	Metal #1
SB-58 (0.5-2)	"	9:18	C	So							X		Sb, As, Ba, Cu,
SB-59 (0-0.5)	"	9:20	C	So							X		Fe + Pb
SB-59 (0.5-2)	"	9:23	C	So							X		
SB-60 (0-0.5)	"	9:45	C	So							X	X	Metals #2
SB-60 (0.5-2)	"	9:48	C	So							X		Cd, Cr, Hg, Se +
SB-61 (0-2)	"	9:55	C	So							X		Ag
SB-61 (0-1)	"	9:58	C	So									HOLD
SB-61 (1-2)	"	10:01	C	So									HOLD
SB-62 (0-2)	"	10:06	C	So							X	X	
SB-62 (0-1)	"	10:09	C	So									HOLD
SB-62 (1-2)	"	10:12	C	So									HOLD

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other

640-46932 Chain of Custody

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for ____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: ____ Corr'd: ____ | Therm ID No.: ____

	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by: Maria Pagls	SCS ES	24-Feb-14 15:00	[signature]	TA	2/27/14 1500
Relinquished by:	Company:	Date/Time:	Received by: Carol McNulty	Company: TA Tampa	Date/Time: 2/25/14 0900
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

TestAmerica Tallahassee
2846 Industrial Plaza Drive

Tallahassee, FL 32301
phone 850.878.3994 fax

Chain of Custody Record

AREA#7-POOL

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Eddy Smith	Site Contact: Brittney Odom	Date:	COC No: 640-46932.2
SCS Engineers:	Tel/Fax:	Lab Contact: Amy Marks	Carrier:	____ of ____ COCs
7700 North Kendall Drive	**Analysis Turnaround Time**			Sampler:
Miami, Florida 33156	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
305.412.8185 Phone	TAT if different from Below ____			Walk-in Client:
305.412.8105 FAX	☐ 2 weeks			Lab Sampling:
Project Name: Curtis Park	☐ 1 week			
Site: 1901 NW 24th Ave, Miami, FL	☐ 2 days			Job / SDG No.: 640-46932
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	[redacted]	Dioxins (8290)	PCBs (8082)	Metals #1	Metals #2	Sample Specific Notes:
SB-63 (0-2)	24-Feb-14	10:20	C	So							X		Metals #1
SB-63 (0-1)	"	10:23	C	So									Sb, As, Ba, Cu,
SB-63 (1-2)	"	10:24	C	So									Fe, + Pb
SB-64 (0-2)	"	9:11									X		
SB-64 (0-1)		9:05											Metals #2
SB-64 (1-2)		9:08											

HOLD HOLD

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= NaOH, 5= NaOH+Zn Acetate, 6= Other: ____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for ____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temp. (°C): Obs'd: ____ Corr'd: ____	Therm ID No.: ____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	SCS ES	24-Feb-14 15:00	[signature]	TA	2/24/14 1500
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]			Carol Mehulty	TA Tampa	2/25/14 0900
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

3/4/2014

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tallahassee
2846 Industrial Plaza Drive
Tallahassee, FL 32301
Tel: (850)878-3994

TestAmerica Job ID: 640-46974-1
Client Project/Site: Curtis Park- Area #8 Eastern Parking Lot

For:
SCS ES Consultants
7700 N. Kendall Drive, Suite 300
Miami, Florida 33156

Attn: Mr. Bob Speed

Authorized for release by:
3/4/2014 3:48:51 PM

Amy Marks, Project Manager II
(850)878-3994
amy.marks@testamericainc.com

Table of Contents

Definitions/Glossary

Client: SCS ES Consultants
Project/Site: Curtis Park- Area #8 Eastern Parking Lot

TestAmerica Job ID: 640-46974-1

Qualifiers

Metals

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: SCS ES Consultants
Project/Site: Curtis Park- Area #8 Eastern Parking Lot

TestAmerica Job ID: 640-46974-1

Job ID: 640-46974-1

Laboratory: TestAmerica Tallahassee

Narrative

Job Narrative
640-46974-1

Comments
No additional comments.

Receipt
The samples were received on 2/26/2014 at 8:40 AM. The samples arrived in good condition, properly preserved, and on ice. The temperatures of the 2 coolers at receipt time were 4.4º C and 4.7º C.

Metals
Method 6010B: The following sample was diluted due to an unspecified interference that caused a high negative result for Silver: SB-67 (0-2) (640-46974-7). Elevated reporting limits are provided for this analyte.

No other analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: SCS ES Consultants
Project/Site: Curtis Park- Area #8 Eastern Parking Lot

TestAmerica Job ID: 640-46974-1

Client Sample ID: SB-65 (0-0.5) — Lab Sample ID: 640-46974-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.5		0.58	0.27	mg/Kg	1	☼	6010B	Total/NA
Barium	13		1.2	0.19	mg/Kg	1	☼	6010B	Total/NA
Copper	26		2.3	0.58	mg/Kg	1	☼	6010B	Total/NA
Iron	2000		5.8	3.5	mg/Kg	1	☼	6010B	Total/NA
Lead	40		0.58	0.17	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-65 (0.5-1) — Lab Sample ID: 640-46974-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	0.67	I	2.4	0.59	mg/Kg	1	☼	6010B	Total/NA
Arsenic	3.2		0.59	0.27	mg/Kg	1	☼	6010B	Total/NA
Barium	19		1.2	0.19	mg/Kg	1	☼	6010B	Total/NA
Copper	36		2.4	0.59	mg/Kg	1	☼	6010B	Total/NA
Iron	12000		5.9	3.5	mg/Kg	1	☼	6010B	Total/NA
Lead	38		0.59	0.18	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-65 (1-2) — Lab Sample ID: 640-46974-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.1		0.60	0.28	mg/Kg	1	☼	6010B	Total/NA
Barium	8.0		1.2	0.19	mg/Kg	1	☼	6010B	Total/NA
Copper	7.2		2.4	0.60	mg/Kg	1	☼	6010B	Total/NA
Iron	2400		6.0	3.6	mg/Kg	1	☼	6010B	Total/NA
Lead	11		0.60	0.18	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-66 (0-2) — Lab Sample ID: 640-46974-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.4		0.52	0.24	mg/Kg	1	☼	6010B	Total/NA
Barium	7.3		1.0	0.17	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.18	I	0.52	0.090	mg/Kg	1	☼	6010B	Total/NA
Chromium	5.3		1.0	0.18	mg/Kg	1	☼	6010B	Total/NA
Copper	8.0		2.1	0.52	mg/Kg	1	☼	6010B	Total/NA
Iron	1500		5.2	3.1	mg/Kg	1	☼	6010B	Total/NA
Lead	62		0.52	0.16	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.042		0.031	0.012	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB-67 (0-2) — Lab Sample ID: 640-46974-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.9		0.55	0.25	mg/Kg	1	☼	6010B	Total/NA
Barium	17		1.1	0.17	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.23	I	0.55	0.095	mg/Kg	1	☼	6010B	Total/NA
Chromium	6.3		1.1	0.19	mg/Kg	1	☼	6010B	Total/NA
Copper	8.1		2.2	0.55	mg/Kg	1	☼	6010B	Total/NA
Iron	4000		5.5	3.3	mg/Kg	1	☼	6010B	Total/NA
Lead	20		0.55	0.16	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.044		0.033	0.013	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB-68 (0-2) — Lab Sample ID: 640-46974-10

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-68 (0-2) (Continued)

Lab Sample ID: 640-46974-10

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.69		0.55	0.26	mg/Kg	1	☼	6010B	Total/NA
Barium	6.8		1.1	0.18	mg/Kg	1	☼	6010B	Total/NA
Copper	2.7		2.2	0.55	mg/Kg	1	☼	6010B	Total/NA
Iron	690		5.5	3.3	mg/Kg	1	☼	6010B	Total/NA
Lead	5.8		0.55	0.17	mg/Kg	1	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park- Area #8 Eastern Parking Lot

TestAmerica Job ID: 640-46974-1

Client Sample ID: SB-65 (0-0.5)
Date Collected: 02/25/14 09:05
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46974-1
Matrix: Solid
Percent Solids: 87.7

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.58	U	2.3	0.58	mg/Kg	☼	02/27/14 08:30	02/28/14 12:18	1
Arsenic	**2.5**		0.58	0.27	mg/Kg	☼	02/27/14 08:30	02/28/14 12:18	1
Barium	**13**		1.2	0.19	mg/Kg	☼	02/27/14 08:30	02/28/14 12:18	1
Copper	**26**		2.3	0.58	mg/Kg	☼	02/27/14 08:30	02/28/14 12:18	1
Iron	**2000**		5.8	3.5	mg/Kg	☼	02/27/14 08:30	02/28/14 12:18	1
Lead	**40**		0.58	0.17	mg/Kg	☼	02/27/14 08:30	02/28/14 12:18	1

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park- Area #8 Eastern Parking Lot

TestAmerica Job ID: 640-46974-1

Client Sample ID: SB-65 (0.5-1)
Date Collected: 02/25/14 09:07
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46974-2
Matrix: Solid
Percent Solids: 86.4

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.67	I	2.4	0.59	mg/Kg	☼	02/27/14 08:30	02/28/14 12:22	1
Arsenic	3.2		0.59	0.27	mg/Kg	☼	02/27/14 08:30	02/28/14 12:22	1
Barium	19		1.2	0.19	mg/Kg	☼	02/27/14 08:30	02/28/14 12:22	1
Copper	36		2.4	0.59	mg/Kg	☼	02/27/14 08:30	02/28/14 12:22	1
Iron	12000		5.9	3.5	mg/Kg	☼	02/27/14 08:30	02/28/14 12:22	1
Lead	38		0.59	0.18	mg/Kg	☼	02/27/14 08:30	02/28/14 12:22	1

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park- Area #8 Eastern Parking Lot

TestAmerica Job ID: 640-46974-1

Client Sample ID: SB-65 (1-2)
Date Collected: 02/25/14 09:09
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46974-3
Matrix: Solid
Percent Solids: 84.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.60	U	2.4	0.60	mg/Kg	☼	02/27/14 08:30	02/28/14 12:25	1
Arsenic	**1.1**		0.60	0.28	mg/Kg	☼	02/27/14 08:30	02/28/14 12:25	1
Barium	**8.0**		1.2	0.19	mg/Kg	☼	02/27/14 08:30	02/28/14 12:25	1
Copper	**7.2**		2.4	0.60	mg/Kg	☼	02/27/14 08:30	02/28/14 12:25	1
Iron	**2400**		6.0	3.6	mg/Kg	☼	02/27/14 08:30	02/28/14 12:25	1
Lead	**11**		0.60	0.18	mg/Kg	☼	02/27/14 08:30	02/28/14 12:25	1

Client: SCS ES Consultants
Project/Site: Curtis Park- Area #8 Eastern Parking Lot

TestAmerica Job ID: 640-46974-1

Client Sample ID: SB-66 (0-2)
Date Collected: 02/25/14 09:35
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46974-4
Matrix: Solid
Percent Solids: 94.5

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.52	U	2.1	0.52	mg/Kg	☼	02/27/14 08:30	02/28/14 12:36	1
Arsenic	**1.4**		0.52	0.24	mg/Kg	☼	02/27/14 08:30	02/28/14 12:36	1
Barium	**7.3**		1.0	0.17	mg/Kg	☼	02/27/14 08:30	02/28/14 12:36	1
Cadmium	**0.18**	**I**	0.52	0.090	mg/Kg	☼	02/27/14 08:30	02/28/14 12:36	1
Chromium	**5.3**		1.0	0.18	mg/Kg	☼	02/27/14 08:30	02/28/14 12:36	1
Copper	**8.0**		2.1	0.52	mg/Kg	☼	02/27/14 08:30	02/28/14 12:36	1
Iron	**1500**		5.2	3.1	mg/Kg	☼	02/27/14 08:30	02/28/14 12:36	1
Lead	**62**		0.52	0.16	mg/Kg	☼	02/27/14 08:30	02/28/14 12:36	1
Selenium	0.38	U	1.0	0.38	mg/Kg	☼	02/27/14 08:30	02/28/14 12:36	1
Silver	0.20	U	1.0	0.20	mg/Kg	☼	02/27/14 08:30	02/28/14 12:36	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.042**		0.031	0.012	mg/Kg	☼	03/03/14 08:55	03/03/14 15:33	1

Client: SCS ES Consultants
Project/Site: Curtis Park- Area #8 Eastern Parking Lot

TestAmerica Job ID: 640-46974-1

Client Sample ID: SB-67 (0-2)
Date Collected: 02/25/14 09:28
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46974-7
Matrix: Solid
Percent Solids: 88.9

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.55	U	2.2	0.55	mg/Kg	☼	02/27/14 08:30	02/28/14 12:39	1
Arsenic	**2.9**		0.55	0.25	mg/Kg	☼	02/27/14 08:30	02/28/14 12:39	1
Barium	**17**		1.1	0.17	mg/Kg	☼	02/27/14 08:30	02/28/14 12:39	1
Cadmium	**0.23**	**I**	0.55	0.095	mg/Kg	☼	02/27/14 08:30	02/28/14 12:39	1
Chromium	**6.3**		1.1	0.19	mg/Kg	☼	02/27/14 08:30	02/28/14 12:39	1
Copper	**8.1**		2.2	0.55	mg/Kg	☼	02/27/14 08:30	02/28/14 12:39	1
Iron	**4000**		5.5	3.3	mg/Kg	☼	02/27/14 08:30	02/28/14 12:39	1
Lead	**20**		0.55	0.16	mg/Kg	☼	02/27/14 08:30	02/28/14 12:39	1
Selenium	0.40	U	1.1	0.40	mg/Kg	☼	02/27/14 08:30	02/28/14 12:39	1

Method: 6010B - Metals (ICP) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.42	U	2.2	0.42	mg/Kg	☼	02/27/14 08:30	02/28/14 13:06	2

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.044**		0.033	0.013	mg/Kg	☼	03/03/14 08:55	03/03/14 15:38	1

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park- Area #8 Eastern Parking Lot

TestAmerica Job ID: 640-46974-1

Client Sample ID: SB-68 (0-2)
Date Collected: 02/25/14 09:20
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46974-10
Matrix: Solid
Percent Solids: 88.4

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.55	U	2.2	0.55	mg/Kg	☼	02/27/14 08:30	02/28/14 12:43	1
Arsenic	**0.69**		0.55	0.26	mg/Kg	☼	02/27/14 08:30	02/28/14 12:43	1
Barium	**6.8**		1.1	0.18	mg/Kg	☼	02/27/14 08:30	02/28/14 12:43	1
Copper	**2.7**		2.2	0.55	mg/Kg	☼	02/27/14 08:30	02/28/14 12:43	1
Iron	**690**		5.5	3.3	mg/Kg	☼	02/27/14 08:30	02/28/14 12:43	1
Lead	**5.8**		0.55	0.17	mg/Kg	☼	02/27/14 08:30	02/28/14 12:43	1

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 660-146523/1-A
Matrix: Solid
Analysis Batch: 146574

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 146523

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.50	U	2.0	0.50	mg/Kg		02/27/14 08:30	02/28/14 11:12	1
Arsenic	0.23	U	0.50	0.23	mg/Kg		02/27/14 08:30	02/28/14 11:12	1
Barium	0.16	U	1.0	0.16	mg/Kg		02/27/14 08:30	02/28/14 11:12	1
Cadmium	0.087	U	0.50	0.087	mg/Kg		02/27/14 08:30	02/28/14 11:12	1
Chromium	0.17	U	1.0	0.17	mg/Kg		02/27/14 08:30	02/28/14 11:12	1
Copper	0.50	U	2.0	0.50	mg/Kg		02/27/14 08:30	02/28/14 11:12	1
Iron	3.0	U	5.0	3.0	mg/Kg		02/27/14 08:30	02/28/14 11:12	1
Lead	0.15	U	0.50	0.15	mg/Kg		02/27/14 08:30	02/28/14 11:12	1
Selenium	0.37	U	1.0	0.37	mg/Kg		02/27/14 08:30	02/28/14 11:12	1
Silver	0.19	U	1.0	0.19	mg/Kg		02/27/14 08:30	02/28/14 11:12	1

Lab Sample ID: LCS 660-146523/2-A
Matrix: Solid
Analysis Batch: 146574

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 146523

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	50.0	48.6		mg/Kg		97	75 - 125
Arsenic	50.0	48.5		mg/Kg		97	75 - 125
Barium	50.0	49.1		mg/Kg		98	75 - 125
Cadmium	50.0	47.3		mg/Kg		95	75 - 125
Chromium	50.0	49.8		mg/Kg		100	75 - 125
Copper	50.0	51.4		mg/Kg		103	75 - 125
Iron	50.0	51.7		mg/Kg		103	75 - 125
Lead	50.0	49.6		mg/Kg		99	75 - 125
Selenium	50.0	47.3		mg/Kg		95	75 - 125
Silver	50.0	48.4		mg/Kg		97	75 - 125

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 660-146628/13-A
Matrix: Solid
Analysis Batch: 146637

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 146628

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.012	U	0.030	0.012	mg/Kg		03/03/14 08:55	03/03/14 15:17	1

Lab Sample ID: LCS 660-146628/14-A
Matrix: Solid
Analysis Batch: 146637

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 146628

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.167	0.152		mg/Kg		91	80 - 120

Metals

Prep Batch: 146523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46974-1	SB-65 (0-0.5)	Total/NA	Solid	3050B	
640-46974-2	SB-65 (0.5-1)	Total/NA	Solid	3050B	
640-46974-3	SB-65 (1-2)	Total/NA	Solid	3050B	
640-46974-4	SB-66 (0-2)	Total/NA	Solid	3050B	
640-46974-7 - DL	SB-67 (0-2)	Total/NA	Solid	3050B	
640-46974-7	SB-67 (0-2)	Total/NA	Solid	3050B	
640-46974-10	SB-68 (0-2)	Total/NA	Solid	3050B	
LCS 660-146523/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 660-146523/1-A	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 146574

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46974-1	SB-65 (0-0.5)	Total/NA	Solid	6010B	146523
640-46974-2	SB-65 (0.5-1)	Total/NA	Solid	6010B	146523
640-46974-3	SB-65 (1-2)	Total/NA	Solid	6010B	146523
640-46974-4	SB-66 (0-2)	Total/NA	Solid	6010B	146523
640-46974-7	SB-67 (0-2)	Total/NA	Solid	6010B	146523
640-46974-7 - DL	SB-67 (0-2)	Total/NA	Solid	6010B	146523
640-46974-10	SB-68 (0-2)	Total/NA	Solid	6010B	146523
LCS 660-146523/2-A	Lab Control Sample	Total/NA	Solid	6010B	146523
MB 660-146523/1-A	Method Blank	Total/NA	Solid	6010B	146523

Prep Batch: 146628

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46974-4	SB-66 (0-2)	Total/NA	Solid	7471A	
640-46974-7	SB-67 (0-2)	Total/NA	Solid	7471A	
LCS 660-146628/14-A	Lab Control Sample	Total/NA	Solid	7471A	
MB 660-146628/13-A	Method Blank	Total/NA	Solid	7471A	

Analysis Batch: 146637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46974-4	SB-66 (0-2)	Total/NA	Solid	7471A	146628
640-46974-7	SB-67 (0-2)	Total/NA	Solid	7471A	146628
LCS 660-146628/14-A	Lab Control Sample	Total/NA	Solid	7471A	146628
MB 660-146628/13-A	Method Blank	Total/NA	Solid	7471A	146628

General Chemistry

Analysis Batch: 146547

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46974-1	SB-65 (0-0.5)	Total/NA	Solid	Moisture	
640-46974-2	SB-65 (0.5-1)	Total/NA	Solid	Moisture	
640-46974-3	SB-65 (1-2)	Total/NA	Solid	Moisture	
640-46974-4	SB-66 (0-2)	Total/NA	Solid	Moisture	
640-46974-7	SB-67 (0-2)	Total/NA	Solid	Moisture	
640-46974-10	SB-68 (0-2)	Total/NA	Solid	Moisture	

Lab Chronicle

Client: SCS ES Consultants
Project/Site: Curtis Park- Area #8 Eastern Parking Lot

TestAmerica Job ID: 640-46974-1

Client Sample ID: SB-65 (0-0.5)

Lab Sample ID: 640-46974-1
Date Collected: 02/25/14 09:05
Matrix: Solid
Date Received: 02/26/14 08:40
Percent Solids: 87.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146523	02/27/14 08:30	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146574	02/28/14 12:18	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146547	02/27/14 12:08	AJG	TAL TAM

Client Sample ID: SB-65 (0.5-1)

Lab Sample ID: 640-46974-2
Date Collected: 02/25/14 09:07
Matrix: Solid
Date Received: 02/26/14 08:40
Percent Solids: 86.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146523	02/27/14 08:30	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146574	02/28/14 12:22	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146547	02/27/14 12:06	AJG	TAL TAM

Client Sample ID: SB-65 (1-2)

Lab Sample ID: 640-46974-3
Date Collected: 02/25/14 09:09
Matrix: Solid
Date Received: 02/26/14 08:40
Percent Solids: 84.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146523	02/27/14 08:30	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146574	02/28/14 12:25	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146547	02/27/14 12:37	AJG	TAL TAM

Client Sample ID: SB-66 (0-2)

Lab Sample ID: 640-46974-4
Date Collected: 02/25/14 09:35
Matrix: Solid
Date Received: 02/26/14 08:40
Percent Solids: 94.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146523	02/27/14 08:30	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146574	02/28/14 12:36	GAF	TAL TAM
Total/NA	Prep	7471A			146628	03/03/14 08:55	RAG	TAL TAM
Total/NA	Analysis	7471A		1	146637	03/03/14 15:33	RAG	TAL TAM
Total/NA	Analysis	Moisture		1	146547	02/27/14 12:16	AJG	TAL TAM

Client Sample ID: SB-67 (0-2)

Lab Sample ID: 640-46974-7
Date Collected: 02/25/14 09:28
Matrix: Solid
Date Received: 02/26/14 08:40
Percent Solids: 88.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B	DL		146523	02/27/14 08:30	GAF	TAL TAM
Total/NA	Analysis	6010B	DL	2	146574	02/28/14 13:06	GAF	TAL TAM
Total/NA	Prep	3050B			146523	02/27/14 08:30	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146574	02/28/14 12:39	GAF	TAL TAM

Lab Chronicle

Client: SCS ES Consultants
Project/Site: Curtis Park- Area #8 Eastern Parking Lot

TestAmerica Job ID: 640-46974-1

Client Sample ID: SB-67 (0-2)

Lab Sample ID: 640-46974-7

Date Collected: 02/25/14 09:28
Matrix: Solid
Date Received: 02/26/14 08:40
Percent Solids: 88.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			146628	03/03/14 08:55	RAG	TAL TAM
Total/NA	Analysis	7471A		1	146637	03/03/14 15:38	RAG	TAL TAM
Total/NA	Analysis	Moisture		1	146547	02/27/14 12:19	AJG	TAL TAM

Client Sample ID: SB-68 (0-2)

Lab Sample ID: 640-46974-10

Date Collected: 02/25/14 09:20
Matrix: Solid
Date Received: 02/26/14 08:40
Percent Solids: 88.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146523	02/27/14 08:30	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146574	02/28/14 12:43	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146547	02/27/14 12:34	AJG	TAL TAM

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: SCS ES Consultants
TestAmerica Job ID: 640-46974-1
Project/Site: Curtis Park- Area #8 Eastern Parking Lot

Laboratory: TestAmerica Tallahassee

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E81005	06-30-14
Georgia	State Program	4		06-30-14
Louisiana	NELAP	6	30663	06-30-14
New Jersey	NELAP	2	FL012	06-30-14
Texas	NELAP	6	T104704459-11-2	03-31-14 *
USDA	Federal		P330-08-00158	08-05-14

Laboratory: TestAmerica Tampa

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alabama	State Program	4	40610	06-30-14
Florida	NELAP	4	E84282	06-30-14
Georgia	State Program	4	905	06-30-14
USDA	Federal		P330-11-00177	04-20-14

* Expired certification is currently pending renewal and is considered valid.

Method Summary

Client: SCS ES Consultants
Project/Site: Curtis Park- Area #8 Eastern Parking Lot

TestAmerica Job ID: 640-46974-1

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL TAM
7471A	Mercury (CVAA)	SW846	TAL TAM
Moisture	Percent Moisture	EPA	TAL TAM

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Sample Summary

Client: SCS ES Consultants
Project/Site: Curtis Park- Area #8 Eastern Parking Lot

TestAmerica Job ID: 640-46974-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
640-46974-1	SB-65 (0-0.5)	Solid	02/25/14 09:05	02/26/14 08:40
640-46974-2	SB-65 (0.5-1)	Solid	02/25/14 09:07	02/26/14 08:40
640-46974-3	SB-65 (1-2)	Solid	02/25/14 09:09	02/26/14 08:40
640-46974-4	SB-66 (0-2)	Solid	02/25/14 09:35	02/26/14 08:40
640-46974-7	SB-67 (0-2)	Solid	02/25/14 09:28	02/26/14 08:40
640-46974-10	SB-68 (0-2)	Solid	02/25/14 09:20	02/26/14 08:40

TestAmerica Tallahassee
2846 Industrial Plaza Drive

Tallahassee, FL 32301
phone 850.878.3994 fax

Chain of Custody Record

AREA 8 - Eastern Parking Lot.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

3/4/2014

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Eddy Smith	Site Contact: Brittney Odom	Date:	COC No:
SCS Engineers	Tel/Fax:	Lab Contact: Amy Marks	Carrier:	____ of ____ COCs
7700 North Kendall Drive	Analysis Turnaround Time			Sampler:
Miami, Florida 33156	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
305.412.8185 Phone	TAT if different from Below ____			Walk-in Client:
305.412.8105 FAX	☐ 2 weeks			Lab Sampling:
Project Name: Curtis Park	☐ 1 week			
Site: 1901 NW 24th Ave, Miami, FL	☐ 2 days			Job / SDG No.: 640-46474
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Metals 6010 (Sb, As, Ba, Cu, Pb, Fe)	Metals 6010/7471 (Cd, Cr, Hg, Se, Ag)	Dioxins (8290)	PCBs (8082)	Sample Specific Notes:
SB-65(0-0.5)	25-Feb-14	9:05	C	So	2			X				
SB-65(0.5-1)	"	9:07	C	So	2			X				
SB-65(1-2)	"	9:09	C	So	2			X				
SB-66(0-2)	"	9:35	C	So	2			X	X			
SB-66(0-1)	"	9:37	C	So	2							HOLD
SB-66(1-2)	"	9:39	C	So	2							HOLD
SB-67(0-2)	"	9:28	C	So	2			X	X			
SB-67(0-1)	"	9:30	C	So	2							HOLD
SB-67(1-2)	"	9:32	C	So	2							HOLD
SB-68(0-2)	"	9:20	C	So	2			X				
SB-68(0-1)	"	9:22	C	So	2							HOLD
SB-68(1-2)	"	9:24	C	So	2							HOLD

640-46974 Chain of Custody

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for ____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: ____ Corr'd: ____ | Therm ID No.: ____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	SCS ES	25-Feb-14 15:00	[signature]	TA	2/25/14 1500
Relinquished by:	Company:	Date/Time:	Received by: Carol McNulty	Company: TA Tampa	Date/Time: 2/26/14 0840
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

4.4 4.7°C CM07

TestAmerica

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ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tallahassee
2846 Industrial Plaza Drive
Tallahassee, FL 32301
Tel: (850)878-3994

TestAmerica Job ID: 640-47004-1
Client Project/Site: Curtis Park- Row Samples #1 NW 23 Ave, S

For:
SCS ES Consultants
7700 N. Kendall Drive, Suite 300
Miami, Florida 33156

Attn: Mr. Bob Speed

Authorized for release by:
3/5/2014 3:50:31 PM

Amy Marks, Project Manager II
(850)878-3994
amy.marks@testamericainc.com

Table of Contents

Definitions/Glossary

Client: SCS ES Consultants
Project/Site: Curtis Park- Row Samples #1 NW 23 Ave, S

TestAmerica Job ID: 640-47004-1

Qualifiers

Metals

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: SCS ES Consultants
Project/Site: Curtis Park- Row Samples #1 NW 23 Ave, S

TestAmerica Job ID: 640-47004-1

Job ID: 640-47004-1

Laboratory: TestAmerica Tallahassee

Narrative

Job Narrative
640-47004-1

Comments
No additional comments.

Receipt
The samples were received on 2/27/2014 at 9:05 AM. The samples arrived in good condition, properly preserved, and on ice. The temperature of the cooler at receipt was 5.9º C.

Metals
Method 6010B: The following samples were diluted due to high levels of Iron in the matrix that caused an interference with target analytes: SB-70 (0.5-1) (640-47004-5) and SB-70 (1-2) (640-47004-6). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: SCS ES Consultants
Project/Site: Curtis Park- Row Samples #1 NW 23 Ave, S

TestAmerica Job ID: 640-47004-1

Client Sample ID: SB-69 (0-0.5) — Lab Sample ID: 640-47004-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.8		0.63	0.29	mg/Kg	1	☼	6010B	Total/NA
Barium	31		1.3	0.20	mg/Kg	1	☼	6010B	Total/NA
Copper	33		2.5	0.63	mg/Kg	1	☼	6010B	Total/NA
Iron	2900		6.3	3.8	mg/Kg	1	☼	6010B	Total/NA
Lead	78		0.63	0.19	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-69 (0.5-1) — Lab Sample ID: 640-47004-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.82		0.59	0.27	mg/Kg	1	☼	6010B	Total/NA
Barium	8.5		1.2	0.19	mg/Kg	1	☼	6010B	Total/NA
Copper	0.78	I	2.4	0.59	mg/Kg	1	☼	6010B	Total/NA
Iron	950		5.9	3.6	mg/Kg	1	☼	6010B	Total/NA
Lead	2.3		0.59	0.18	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-69 (1-2) — Lab Sample ID: 640-47004-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.3		0.61	0.28	mg/Kg	1	☼	6010B	Total/NA
Barium	23		1.2	0.20	mg/Kg	1	☼	6010B	Total/NA
Copper	10		2.5	0.61	mg/Kg	1	☼	6010B	Total/NA
Iron	3800		6.1	3.7	mg/Kg	1	☼	6010B	Total/NA
Lead	43		0.61	0.18	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-70 (0-0.5) — Lab Sample ID: 640-47004-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	2.9		2.5	0.62	mg/Kg	1	☼	6010B	Total/NA
Arsenic	24		0.62	0.29	mg/Kg	1	☼	6010B	Total/NA
Barium	54		1.2	0.20	mg/Kg	1	☼	6010B	Total/NA
Copper	93		2.5	0.62	mg/Kg	1	☼	6010B	Total/NA
Iron	23000		6.2	3.7	mg/Kg	1	☼	6010B	Total/NA
Lead	370		0.62	0.19	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-70 (0.5-1) — Lab Sample ID: 640-47004-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	9.5	I	12	3.1	mg/Kg	5	☼	6010B	Total/NA
Arsenic	32		3.1	1.4	mg/Kg	5	☼	6010B	Total/NA
Barium	140		6.1	0.98	mg/Kg	5	☼	6010B	Total/NA
Copper	320		12	3.1	mg/Kg	5	☼	6010B	Total/NA
Iron	54000		31	18	mg/Kg	5	☼	6010B	Total/NA
Lead	1000		3.1	0.92	mg/Kg	5	☼	6010B	Total/NA

Client Sample ID: SB-70 (1-2) — Lab Sample ID: 640-47004-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	69		60	15	mg/Kg	20	☼	6010B	Total/NA
Arsenic	77		15	6.9	mg/Kg	20	☼	6010B	Total/NA
Barium	1500		30	4.8	mg/Kg	20	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: SCS ES Consultants
Project/Site: Curtis Park- Row Samples #1 NW 23 Ave, S

TestAmerica Job ID: 640-47004-1

Client Sample ID: SB-70 (1-2) (Continued) — Lab Sample ID: 640-47004-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	850		60	15	mg/Kg	20	☼	6010B	Total/NA
Iron	260000		150	90	mg/Kg	20	☼	6010B	Total/NA
Lead	4700		15	4.5	mg/Kg	20	☼	6010B	Total/NA

Client Sample ID: SB-71 (0-0.5) — Lab Sample ID: 640-47004-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	0.82	I	2.4	0.60	mg/Kg	1	☼	6010B	Total/NA
Arsenic	3.2		0.60	0.27	mg/Kg	1	☼	6010B	Total/NA
Barium	27		1.2	0.19	mg/Kg	1	☼	6010B	Total/NA
Copper	31		2.4	0.60	mg/Kg	1	☼	6010B	Total/NA
Iron	2700		6.0	3.6	mg/Kg	1	☼	6010B	Total/NA
Lead	60		0.60	0.18	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-71 (0.5-1) — Lab Sample ID: 640-47004-8

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	0.66	I	2.1	0.54	mg/Kg	1	☼	6010B	Total/NA
Arsenic	4.7		0.54	0.25	mg/Kg	1	☼	6010B	Total/NA
Barium	100		1.1	0.17	mg/Kg	1	☼	6010B	Total/NA
Copper	20		2.1	0.54	mg/Kg	1	☼	6010B	Total/NA
Iron	5400		5.4	3.2	mg/Kg	1	☼	6010B	Total/NA
Lead	240		0.54	0.16	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-71 (1-2) — Lab Sample ID: 640-47004-9

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	2.2	I	2.5	0.63	mg/Kg	1	☼	6010B	Total/NA
Arsenic	5.8		0.63	0.29	mg/Kg	1	☼	6010B	Total/NA
Barium	48		1.3	0.20	mg/Kg	1	☼	6010B	Total/NA
Copper	45		2.5	0.63	mg/Kg	1	☼	6010B	Total/NA
Iron	11000		6.3	3.8	mg/Kg	1	☼	6010B	Total/NA
Lead	120		0.63	0.19	mg/Kg	1	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park- Row Samples #1 NW 23 Ave, S

TestAmerica Job ID: 640-47004-1

Client Sample ID: SB-69 (0-0.5)
Date Collected: 02/26/14 11:52
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47004-1
Matrix: Solid
Percent Solids: 81.7

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.63	U	2.5	0.63	mg/Kg	☼	02/28/14 10:00	03/03/14 15:10	1
Arsenic	**3.8**		0.63	0.29	mg/Kg	☼	02/28/14 10:00	03/03/14 15:10	1
Barium	**31**		1.3	0.20	mg/Kg	☼	02/28/14 10:00	03/03/14 15:10	1
Copper	**33**		2.5	0.63	mg/Kg	☼	02/28/14 10:00	03/03/14 15:10	1
Iron	**2900**		6.3	3.8	mg/Kg	☼	02/28/14 10:00	03/03/14 15:10	1
Lead	**78**		0.63	0.19	mg/Kg	☼	02/28/14 10:00	03/03/14 15:10	1

Client: SCS ES Consultants
Project/Site: Curtis Park- Row Samples #1 NW 23 Ave, S

TestAmerica Job ID: 640-47004-1

Client Sample ID: SB-69 (0.5-1)
Date Collected: 02/26/14 11:54
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47004-2
Matrix: Solid
Percent Solids: 86.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.59	U	2.4	0.59	mg/Kg	☼	02/28/14 10:00	03/03/14 15:14	1
Arsenic	**0.82**		0.59	0.27	mg/Kg	☼	02/28/14 10:00	03/03/14 15:14	1
Barium	**8.5**		1.2	0.19	mg/Kg	☼	02/28/14 10:00	03/03/14 15:14	1
Copper	**0.78**	I	2.4	0.59	mg/Kg	☼	02/28/14 10:00	03/03/14 15:14	1
Iron	**950**		5.9	3.6	mg/Kg	☼	02/28/14 10:00	03/03/14 15:14	1
Lead	**2.3**		0.59	0.18	mg/Kg	☼	02/28/14 10:00	03/03/14 15:14	1

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park- Row Samples #1 NW 23 Ave, S

TestAmerica Job ID: 640-47004-1

Client Sample ID: SB-69 (1-2)
Date Collected: 02/26/14 11:56
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47004-3
Matrix: Solid
Percent Solids: 84.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.61	U	2.5	0.61	mg/Kg	☼	02/28/14 10:00	03/03/14 15:17	1
Arsenic	**4.3**		0.61	0.28	mg/Kg	☼	02/28/14 10:00	03/03/14 15:17	1
Barium	**23**		1.2	0.20	mg/Kg	☼	02/28/14 10:00	03/03/14 15:17	1
Copper	**10**		2.5	0.61	mg/Kg	☼	02/28/14 10:00	03/03/14 15:17	1
Iron	**3800**		6.1	3.7	mg/Kg	☼	02/28/14 10:00	03/03/14 15:17	1
Lead	**43**		0.61	0.18	mg/Kg	☼	02/28/14 10:00	03/03/14 15:17	1

Client: SCS ES Consultants
Project/Site: Curtis Park- Row Samples #1 NW 23 Ave, S

TestAmerica Job ID: 640-47004-1

Client Sample ID: SB-70 (0-0.5)
Date Collected: 02/26/14 12:10
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47004-4
Matrix: Solid
Percent Solids: 82.8

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.9		2.5	0.62	mg/Kg	☼	02/28/14 10:00	03/03/14 15:21	1
Arsenic	24		0.62	0.29	mg/Kg	☼	02/28/14 10:00	03/03/14 15:21	1
Barium	54		1.2	0.20	mg/Kg	☼	02/28/14 10:00	03/03/14 15:21	1
Copper	93		2.5	0.62	mg/Kg	☼	02/28/14 10:00	03/03/14 15:21	1
Iron	23000		6.2	3.7	mg/Kg	☼	02/28/14 10:00	03/03/14 15:21	1
Lead	370		0.62	0.19	mg/Kg	☼	02/28/14 10:00	03/03/14 15:21	1

Client: SCS ES Consultants
Project/Site: Curtis Park- Row Samples #1 NW 23 Ave, S

TestAmerica Job ID: 640-47004-1

Client Sample ID: SB-70 (0.5-1)
Date Collected: 02/26/14 12:12
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47004-5
Matrix: Solid
Percent Solids: 83.9

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	9.5	I	12	3.1	mg/Kg	☼	02/28/14 10:00	03/04/14 08:04	5
Arsenic	32		3.1	1.4	mg/Kg	☼	02/28/14 10:00	03/04/14 08:04	5
Barium	140		6.1	0.98	mg/Kg	☼	02/28/14 10:00	03/04/14 08:04	5
Copper	320		12	3.1	mg/Kg	☼	02/28/14 10:00	03/04/14 08:04	5
Iron	54000		31	18	mg/Kg	☼	02/28/14 10:00	03/04/14 08:04	5
Lead	1000		3.1	0.92	mg/Kg	☼	02/28/14 10:00	03/04/14 08:04	5

Client: SCS ES Consultants
Project/Site: Curtis Park- Row Samples #1 NW 23 Ave, S

TestAmerica Job ID: 640-47004-1

Client Sample ID: SB-70 (1-2)
Date Collected: 02/26/14 12:14
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47004-6
Matrix: Solid
Percent Solids: 65.7

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	69		60	15	mg/Kg	☼	02/28/14 10:00	03/04/14 08:07	20
Arsenic	77		15	6.9	mg/Kg	☼	02/28/14 10:00	03/04/14 08:07	20
Barium	1500		30	4.8	mg/Kg	☼	02/28/14 10:00	03/04/14 08:07	20
Copper	850		60	15	mg/Kg	☼	02/28/14 10:00	03/04/14 08:07	20
Iron	260000		150	90	mg/Kg	☼	02/28/14 10:00	03/04/14 08:07	20
Lead	4700		15	4.5	mg/Kg	☼	02/28/14 10:00	03/04/14 08:07	20

Client: SCS ES Consultants
Project/Site: Curtis Park- Row Samples #1 NW 23 Ave, S

TestAmerica Job ID: 640-47004-1

Client Sample ID: SB-71 (0-0.5)
Date Collected: 02/26/14 11:40
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47004-7
Matrix: Solid
Percent Solids: 85.6

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.82	I	2.4	0.60	mg/Kg	☼	02/28/14 10:00	03/03/14 15:41	1
Arsenic	3.2		0.60	0.27	mg/Kg	☼	02/28/14 10:00	03/03/14 15:41	1
Barium	27		1.2	0.19	mg/Kg	☼	02/28/14 10:00	03/03/14 15:41	1
Copper	31		2.4	0.60	mg/Kg	☼	02/28/14 10:00	03/03/14 15:41	1
Iron	2700		6.0	3.6	mg/Kg	☼	02/28/14 10:00	03/03/14 15:41	1
Lead	60		0.60	0.18	mg/Kg	☼	02/28/14 10:00	03/03/14 15:41	1

Client Sample Results

Client: SCS ES Consultants
TestAmerica Job ID: 640-47004-1
Project/Site: Curtis Park- Row Samples #1 NW 23 Ave, S

Client Sample ID: SB-71 (0.5-1)
Lab Sample ID: 640-47004-8
Date Collected: 02/26/14 11:42
Matrix: Solid
Date Received: 02/27/14 09:05
Percent Solids: 92.2

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.66	I	2.1	0.54	mg/Kg	☼	02/28/14 10:00	03/03/14 15:44	1
Arsenic	4.7		0.54	0.25	mg/Kg	☼	02/28/14 10:00	03/03/14 15:44	1
Barium	100		1.1	0.17	mg/Kg	☼	02/28/14 10:00	03/03/14 15:44	1
Copper	20		2.1	0.54	mg/Kg	☼	02/28/14 10:00	03/03/14 15:44	1
Iron	5400		5.4	3.2	mg/Kg	☼	02/28/14 10:00	03/03/14 15:44	1
Lead	240		0.54	0.16	mg/Kg	☼	02/28/14 10:00	03/03/14 15:44	1

Client: SCS ES Consultants
Project/Site: Curtis Park- Row Samples #1 NW 23 Ave, S

TestAmerica Job ID: 640-47004-1

Client Sample ID: SB-71 (1-2)
Date Collected: 02/26/14 11:44
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47004-9
Matrix: Solid
Percent Solids: 79.7

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.2	I	2.5	0.63	mg/Kg	☼	02/28/14 10:00	03/03/14 15:48	1
Arsenic	5.8		0.63	0.29	mg/Kg	☼	02/28/14 10:00	03/03/14 15:48	1
Barium	48		1.3	0.20	mg/Kg	☼	02/28/14 10:00	03/03/14 15:48	1
Copper	45		2.5	0.63	mg/Kg	☼	02/28/14 10:00	03/03/14 15:48	1
Iron	11000		6.3	3.8	mg/Kg	☼	02/28/14 10:00	03/03/14 15:48	1
Lead	120		0.63	0.19	mg/Kg	☼	02/28/14 10:00	03/03/14 15:48	1

Client: SCS ES Consultants
Project/Site: Curtis Park- Row Samples #1 NW 23 Ave, S

TestAmerica Job ID: 640-47004-1

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 660-146581/1-A
Matrix: Solid
Analysis Batch: 146626

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 146581

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.50	U	2.0	0.50	mg/Kg		02/28/14 10:00	03/03/14 14:06	1
Arsenic	0.23	U	0.50	0.23	mg/Kg		02/28/14 10:00	03/03/14 14:06	1
Barium	0.16	U	1.0	0.16	mg/Kg		02/28/14 10:00	03/03/14 14:06	1
Copper	0.50	U	2.0	0.50	mg/Kg		02/28/14 10:00	03/03/14 14:06	1
Iron	3.0	U	5.0	3.0	mg/Kg		02/28/14 10:00	03/03/14 14:06	1
Lead	0.15	U	0.50	0.15	mg/Kg		02/28/14 10:00	03/03/14 14:06	1

Lab Sample ID: LCS 660-146581/2-A
Matrix: Solid
Analysis Batch: 146626

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 146581

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	50.0	50.5		mg/Kg		101	75 - 125
Arsenic	50.0	51.5		mg/Kg		103	75 - 125
Barium	50.0	51.5		mg/Kg		103	75 - 125
Copper	50.0	51.4		mg/Kg		103	75 - 125
Iron	50.0	53.1		mg/Kg		106	75 - 125
Lead	50.0	52.7		mg/Kg		105	75 - 125

Metals

Prep Batch: 146581

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47004-1	SB-69 (0-0.5)	Total/NA	Solid	3050B	
640-47004-2	SB-69 (0.5-1)	Total/NA	Solid	3050B	
640-47004-3	SB-69 (1-2)	Total/NA	Solid	3050B	
640-47004-4	SB-70 (0-0.5)	Total/NA	Solid	3050B	
640-47004-5	SB-70 (0.5-1)	Total/NA	Solid	3050B	
640-47004-6	SB-70 (1-2)	Total/NA	Solid	3050B	
640-47004-7	SB-71 (0-0.5)	Total/NA	Solid	3050B	
640-47004-8	SB-71 (0.5-1)	Total/NA	Solid	3050B	
640-47004-9	SB-71 (1-2)	Total/NA	Solid	3050B	
LCS 660-146581/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 660-146581/1-A	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 146626

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47004-1	SB-69 (0-0.5)	Total/NA	Solid	6010B	146581
640-47004-2	SB-69 (0.5-1)	Total/NA	Solid	6010B	146581
640-47004-3	SB-69 (1-2)	Total/NA	Solid	6010B	146581
640-47004-4	SB-70 (0-0.5)	Total/NA	Solid	6010B	146581
640-47004-7	SB-71 (0-0.5)	Total/NA	Solid	6010B	146581
640-47004-8	SB-71 (0.5-1)	Total/NA	Solid	6010B	146581
640-47004-9	SB-71 (1-2)	Total/NA	Solid	6010B	146581
LCS 660-146581/2-A	Lab Control Sample	Total/NA	Solid	6010B	146581
MB 660-146581/1-A	Method Blank	Total/NA	Solid	6010B	146581

Analysis Batch: 146643

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47004-5	SB-70 (0.5-1)	Total/NA	Solid	6010B	146581
640-47004-6	SB-70 (1-2)	Total/NA	Solid	6010B	146581

General Chemistry

Analysis Batch: 146576

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47004-1	SB-69 (0-0.5)	Total/NA	Solid	Moisture	
640-47004-2	SB-69 (0.5-1)	Total/NA	Solid	Moisture	
640-47004-3	SB-69 (1-2)	Total/NA	Solid	Moisture	
640-47004-4	SB-70 (0-0.5)	Total/NA	Solid	Moisture	
640-47004-5	SB-70 (0.5-1)	Total/NA	Solid	Moisture	
640-47004-6	SB-70 (1-2)	Total/NA	Solid	Moisture	
640-47004-7	SB-71 (0-0.5)	Total/NA	Solid	Moisture	
640-47004-8	SB-71 (0.5-1)	Total/NA	Solid	Moisture	
640-47004-9	SB-71 (1-2)	Total/NA	Solid	Moisture	

Lab Chronicle

Client: SCS ES Consultants
Project/Site: Curtis Park- Row Samples #1 NW 23 Ave, S

TestAmerica Job ID: 640-47004-1

Client Sample ID: SB-69 (0-0.5)

Lab Sample ID: 640-47004-1
Date Collected: 02/26/14 11:52
Matrix: Solid
Date Received: 02/27/14 09:05
Percent Solids: 81.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146581	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		1	146626	03/03/14 15:10	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146576	02/28/14 07:45	AJG	TAL TAM

Client Sample ID: SB-69 (0.5-1)

Lab Sample ID: 640-47004-2
Date Collected: 02/26/14 11:54
Matrix: Solid
Date Received: 02/27/14 09:05
Percent Solids: 86.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146581	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		1	146626	03/03/14 15:14	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146576	02/28/14 07:38	AJG	TAL TAM

Client Sample ID: SB-69 (1-2)

Lab Sample ID: 640-47004-3
Date Collected: 02/26/14 11:56
Matrix: Solid
Date Received: 02/27/14 09:05
Percent Solids: 84.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146581	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		1	146626	03/03/14 15:17	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146576	02/28/14 07:47	AJG	TAL TAM

Client Sample ID: SB-70 (0-0.5)

Lab Sample ID: 640-47004-4
Date Collected: 02/26/14 12:10
Matrix: Solid
Date Received: 02/27/14 09:05
Percent Solids: 82.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146581	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		1	146626	03/03/14 15:21	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146576	02/28/14 08:02	AJG	TAL TAM

Client Sample ID: SB-70 (0.5-1)

Lab Sample ID: 640-47004-5
Date Collected: 02/26/14 12:12
Matrix: Solid
Date Received: 02/27/14 09:05
Percent Solids: 83.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146581	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		5	146643	03/04/14 08:04	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146576	02/28/14 08:01	AJG	TAL TAM

Lab Chronicle

Client: SCS ES Consultants
Project/Site: Curtis Park- Row Samples #1 NW 23 Ave, S

TestAmerica Job ID: 640-47004-1

Client Sample ID: SB-70 (1-2)

Lab Sample ID: 640-47004-6

Date Collected: 02/26/14 12:14
Matrix: Solid
Date Received: 02/27/14 09:05
Percent Solids: 65.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146581	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		20	146643	03/04/14 08:07	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146576	02/28/14 08:38	AJG	TAL TAM

Client Sample ID: SB-71 (0-0.5)

Lab Sample ID: 640-47004-7

Date Collected: 02/26/14 11:40
Matrix: Solid
Date Received: 02/27/14 09:05
Percent Solids: 85.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146581	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		1	146626	03/03/14 15:41	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146576	02/28/14 08:20	AJG	TAL TAM

Client Sample ID: SB-71 (0.5-1)

Lab Sample ID: 640-47004-8

Date Collected: 02/26/14 11:42
Matrix: Solid
Date Received: 02/27/14 09:05
Percent Solids: 92.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146581	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		1	146626	03/03/14 15:44	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146576	02/28/14 09:01	AJG	TAL TAM

Client Sample ID: SB-71 (1-2)

Lab Sample ID: 640-47004-9

Date Collected: 02/26/14 11:44
Matrix: Solid
Date Received: 02/27/14 09:05
Percent Solids: 79.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146581	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		1	146626	03/03/14 15:48	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146576	02/28/14 08:38	AJG	TAL TAM

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: SCS ES Consultants
Project/Site: Curtis Park- Row Samples #1 NW 23 Ave, S

TestAmerica Job ID: 640-47004-1

Laboratory: TestAmerica Tallahassee

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E81005	06-30-14
Georgia	State Program	4		06-30-14
Louisiana	NELAP	6	30663	06-30-14
New Jersey	NELAP	2	FL012	06-30-14
Texas	NELAP	6	T104704459-11-2	03-31-14 *
USDA	Federal		P330-08-00158	08-05-14

Laboratory: TestAmerica Tampa

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alabama	State Program	4	40610	06-30-14
Florida	NELAP	4	E84282	06-30-14
Georgia	State Program	4	905	06-30-14
USDA	Federal		P330-11-00177	04-20-14

* Expired certification is currently pending renewal and is considered valid.

Method Summary

Client: SCS ES Consultants
Project/Site: Curtis Park- Row Samples #1 NW 23 Ave, S

TestAmerica Job ID: 640-47004-1

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL TAM
Moisture	Percent Moisture	EPA	TAL TAM

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Sample Summary

Client: SCS ES Consultants
TestAmerica Job ID: 640-47004-1
Project/Site: Curtis Park- Row Samples #1 NW 23 Ave, S

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
640-47004-1	SB-69 (0-0.5)	Solid	02/26/14 11:52	02/27/14 09:05
640-47004-2	SB-69 (0.5-1)	Solid	02/26/14 11:54	02/27/14 09:05
640-47004-3	SB-69 (1-2)	Solid	02/26/14 11:56	02/27/14 09:05
640-47004-4	SB-70 (0-0.5)	Solid	02/26/14 12:10	02/27/14 09:05
640-47004-5	SB-70 (0.5-1)	Solid	02/26/14 12:12	02/27/14 09:05
640-47004-6	SB-70 (1-2)	Solid	02/26/14 12:14	02/27/14 09:05
640-47004-7	SB-71 (0-0.5)	Solid	02/26/14 11:40	02/27/14 09:05
640-47004-8	SB-71 (0.5-1)	Solid	02/26/14 11:42	02/27/14 09:05
640-47004-9	SB-71 (1-2)	Solid	02/26/14 11:44	02/27/14 09:05

TestAmerica Tallahassee
2846 Industrial Plaza Drive

Tallahassee, FL 32301
phone 850.878.3994 fax

Chain of Custody Record

Row Samples #1 (NW 23 Ave, South)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Eddy Smith	Site Contact: Brittney Odom	Date:	COC No: 3572014
SCS Engineers	Tel/Fax:	Lab Contact: Amy Marks	Carrier:	of COCs
7700 North Kendall Drive	Analysis Turnaround Time			Sampler:
Miami, Florida 33156	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
305.412.8185 Phone	TAT if different from Below			Walk-in Client:
305.412.8105 FAX	☐ 2 weeks			Lab Sampling:
Project Name: Curtis Park	☐ 1 week			
Site: 1901 NW 24th Ave, Miami, FL	☐ 2 days			Job / SDG No.: 640-47004
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Metals 6010 (Sb, As, Ba, Cu, Pb, Fe)	Metals 6010/7471 (Cd, Cr, Hg, Se, Ag)	Dioxins (8290)	PCBs (8082)	Sample Specific Notes:
SB-69(0-0.5)	26-Feb-14	11:52	C	So	2			X				
SB-69(0.5-1)	"	11:54	C	So	2			X				
SB-69(1-2)	"	11:56	C	So	2			X				
SB-70(0-0.5)	"	12:10	C	So	2			X				
SB-70(0.5-1)	"	12:12	C	So	2			X				
SB-70(1-2)	"	12:14	C	So	2			X				
SB-71(0-0.5)	"	11:40	C	So	2			X				
SB-71(0.5-1)	"	11:42	C	So	2			X				
SB-71(1-2)	"	11:44	C	So	2			X				

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640-47004 Chain of Custody

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for_____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	SCS	2/26/1800	[signature]		2-26-14 1530
Relinquished by: [signature]	Company:	Date/Time: 2-26-14 1800	Received by: [signature]	Company: TATPA	Date/Time: 2/27/14 9.05
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

5.9°C Cu-07

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tallahassee
2846 Industrial Plaza Drive
Tallahassee, FL 32301
Tel: (850)878-3994

TestAmerica Job ID: 640-47002-1
Client Project/Site: Curtis Park-Row Samples #2 NW 23 Ave, N

For:
SCS ES Consultants
7700 N. Kendall Drive, Suite 300
Miami, Florida 33156

Attn: Mr. Bob Speed

Authorized for release by:
3/5/2014 8:37:30 AM

Amy Marks, Project Manager II
(850)878-3994
amy.marks@testamericainc.com

Table of Contents

Client: SCS ES Consultants
Project/Site: Curtis Park-Row Samples #2 NW 23 Ave, N

TestAmerica Job ID: 640-47002-1

Qualifiers

Metals

Qualifier	Qualifier Description
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
U	Indicates that the compound was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 640-47002-1

Laboratory: TestAmerica Tallahassee

Narrative

Job Narrative
640-47002-1

Comments
No additional comments.

Receipt
The samples were received on 2/27/2014 at 9:05 AM. The samples arrived in good condition, properly preserved, and on ice. The temperature of the cooler at receipt was 5.9º C.

Metals
Method 6010B: The following samples were diluted due to high levels of Iron in the matrix that caused an interference with target analytes: SB-72 (0-0.5) (640-47002-1), SB-72 (0.5-1) (640-47002-2) and SB-73 (0.5-1) (640-47002-5). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: SCS ES Consultants
Project/Site: Curtis Park-Row Samples #2 NW 23 Ave, N

TestAmerica Job ID: 640-47002-1

Client Sample ID: SB-72 (0-0.5) — Lab Sample ID: 640-47002-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	10		4.2	1.1	mg/Kg	2	☼	6010B	Total/NA
Arsenic	23		1.1	0.49	mg/Kg	2	☼	6010B	Total/NA
Barium	420		2.1	0.34	mg/Kg	2	☼	6010B	Total/NA
Copper	350		4.2	1.1	mg/Kg	2	☼	6010B	Total/NA
Iron	29000		11	6.3	mg/Kg	2	☼	6010B	Total/NA
Lead	840		1.1	0.32	mg/Kg	2	☼	6010B	Total/NA

Client Sample ID: SB-72 (0.5-1) — Lab Sample ID: 640-47002-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	130		4.4	1.1	mg/Kg	2	☼	6010B	Total/NA
Arsenic	21		1.1	0.51	mg/Kg	2	☼	6010B	Total/NA
Barium	420		2.2	0.36	mg/Kg	2	☼	6010B	Total/NA
Copper	380		4.4	1.1	mg/Kg	2	☼	6010B	Total/NA
Iron	25000		11	6.7	mg/Kg	2	☼	6010B	Total/NA
Lead	2700		1.1	0.33	mg/Kg	2	☼	6010B	Total/NA

Client Sample ID: SB-72 (1-2) — Lab Sample ID: 640-47002-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	7.5		2.2	0.54	mg/Kg	1	☼	6010B	Total/NA
Arsenic	9.9		0.54	0.25	mg/Kg	1	☼	6010B	Total/NA
Barium	220		1.1	0.17	mg/Kg	1	☼	6010B	Total/NA
Copper	150		2.2	0.54	mg/Kg	1	☼	6010B	Total/NA
Iron	11000		5.4	3.2	mg/Kg	1	☼	6010B	Total/NA
Lead	2700		0.54	0.16	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-73 (0-0.5) — Lab Sample ID: 640-47002-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	6.6		2.4	0.61	mg/Kg	1	☼	6010B	Total/NA
Arsenic	12		0.61	0.28	mg/Kg	1	☼	6010B	Total/NA
Barium	160		1.2	0.19	mg/Kg	1	☼	6010B	Total/NA
Copper	540		2.4	0.61	mg/Kg	1	☼	6010B	Total/NA
Iron	19000		6.1	3.6	mg/Kg	1	☼	6010B	Total/NA
Lead	280		0.61	0.18	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-73 (0.5-1) — Lab Sample ID: 640-47002-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	7.9	I	11	2.8	mg/Kg	5	☼	6010B	Total/NA
Arsenic	12		2.8	1.3	mg/Kg	5	☼	6010B	Total/NA
Barium	340		5.6	0.90	mg/Kg	5	☼	6010B	Total/NA
Copper	160		11	2.8	mg/Kg	5	☼	6010B	Total/NA
Iron	36000		28	17	mg/Kg	5	☼	6010B	Total/NA
Lead	360		2.8	0.84	mg/Kg	5	☼	6010B	Total/NA

Client Sample ID: SB-73 (1-2) — Lab Sample ID: 640-47002-6

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: SCS ES Consultants
Project/Site: Curtis Park-Row Samples #2 NW 23 Ave, N

TestAmerica Job ID: 640-47002-1

Client Sample ID: SB-73 (1-2) (Continued) — Lab Sample ID: 640-47002-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	5.9		2.3	0.57	mg/Kg	1	☼	6010B	Total/NA
Arsenic	13		0.57	0.26	mg/Kg	1	☼	6010B	Total/NA
Barium	120		1.1	0.18	mg/Kg	1	☼	6010B	Total/NA
Copper	130		2.3	0.57	mg/Kg	1	☼	6010B	Total/NA
Iron	21000		5.7	3.4	mg/Kg	1	☼	6010B	Total/NA
Lead	260		0.57	0.17	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-74 (0-0.5) — Lab Sample ID: 640-47002-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	2.4		2.3	0.58	mg/Kg	1	☼	6010B	Total/NA
Arsenic	20		0.58	0.27	mg/Kg	1	☼	6010B	Total/NA
Barium	50		1.2	0.19	mg/Kg	1	☼	6010B	Total/NA
Copper	130		2.3	0.58	mg/Kg	1	☼	6010B	Total/NA
Iron	15000		5.8	3.5	mg/Kg	1	☼	6010B	Total/NA
Lead	250		0.58	0.17	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-74 (0.5-1) — Lab Sample ID: 640-47002-8

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	2.1	I	2.3	0.57	mg/Kg	1	☼	6010B	Total/NA
Arsenic	22		0.57	0.26	mg/Kg	1	☼	6010B	Total/NA
Barium	33		1.1	0.18	mg/Kg	1	☼	6010B	Total/NA
Copper	51		2.3	0.57	mg/Kg	1	☼	6010B	Total/NA
Iron	6300		5.7	3.4	mg/Kg	1	☼	6010B	Total/NA
Lead	90		0.57	0.17	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-74 (1-2) — Lab Sample ID: 640-47002-9

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	1.7	I	2.4	0.60	mg/Kg	1	☼	6010B	Total/NA
Arsenic	24		0.60	0.28	mg/Kg	1	☼	6010B	Total/NA
Barium	30		1.2	0.19	mg/Kg	1	☼	6010B	Total/NA
Copper	43		2.4	0.60	mg/Kg	1	☼	6010B	Total/NA
Iron	4900		6.0	3.6	mg/Kg	1	☼	6010B	Total/NA
Lead	78		0.60	0.18	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-75 (0-0.5) — Lab Sample ID: 640-47002-10

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	1.5	I	2.4	0.60	mg/Kg	1	☼	6010B	Total/NA
Arsenic	12		0.60	0.28	mg/Kg	1	☼	6010B	Total/NA
Barium	40		1.2	0.19	mg/Kg	1	☼	6010B	Total/NA
Copper	73		2.4	0.60	mg/Kg	1	☼	6010B	Total/NA
Iron	6000		6.0	3.6	mg/Kg	1	☼	6010B	Total/NA
Lead	110		0.60	0.18	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-75 (0.5-1) — Lab Sample ID: 640-47002-11

This Detection Summary does not include radiochemical test results.

Client: SCS ES Consultants
Project/Site: Curtis Park-Row Samples #2 NW 23 Ave, N

TestAmerica Job ID: 640-47002-1

Client Sample ID: SB-75 (0.5-1) (Continued) — Lab Sample ID: 640-47002-11

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	0.73	I	2.3	0.57	mg/Kg	1	☼	6010B	Total/NA
Arsenic	7.4		0.57	0.26	mg/Kg	1	☼	6010B	Total/NA
Barium	24		1.1	0.18	mg/Kg	1	☼	6010B	Total/NA
Copper	38		2.3	0.57	mg/Kg	1	☼	6010B	Total/NA
Iron	4800		5.7	3.4	mg/Kg	1	☼	6010B	Total/NA
Lead	57		0.57	0.17	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-75 (1-2) — Lab Sample ID: 640-47002-12

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	1.4	I	2.4	0.61	mg/Kg	1	☼	6010B	Total/NA
Arsenic	14		0.61	0.28	mg/Kg	1	☼	6010B	Total/NA
Barium	23		1.2	0.20	mg/Kg	1	☼	6010B	Total/NA
Copper	49		2.4	0.61	mg/Kg	1	☼	6010B	Total/NA
Iron	8400		6.1	3.7	mg/Kg	1	☼	6010B	Total/NA
Lead	92		0.61	0.18	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-76 (0-0.5) — Lab Sample ID: 640-47002-13

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	2.9		2.4	0.59	mg/Kg	1	☼	6010B	Total/NA
Arsenic	5.9		0.59	0.27	mg/Kg	1	☼	6010B	Total/NA
Barium	51		1.2	0.19	mg/Kg	1	☼	6010B	Total/NA
Copper	55		2.4	0.59	mg/Kg	1	☼	6010B	Total/NA
Iron	4300		5.9	3.5	mg/Kg	1	☼	6010B	Total/NA
Lead	100		0.59	0.18	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-76 (0.5-1) — Lab Sample ID: 640-47002-14

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	13		2.2	0.56	mg/Kg	1	☼	6010B	Total/NA
Arsenic	6.9		0.56	0.26	mg/Kg	1	☼	6010B	Total/NA
Barium	47		1.1	0.18	mg/Kg	1	☼	6010B	Total/NA
Copper	88		2.2	0.56	mg/Kg	1	☼	6010B	Total/NA
Iron	12000		5.6	3.4	mg/Kg	1	☼	6010B	Total/NA
Lead	560		0.56	0.17	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-76 (1-2) — Lab Sample ID: 640-47002-15

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	4.1		2.4	0.59	mg/Kg	1	☼	6010B	Total/NA
Arsenic	5.5		0.59	0.27	mg/Kg	1	☼	6010B	Total/NA
Barium	120		1.2	0.19	mg/Kg	1	☼	6010B	Total/NA
Copper	240		2.4	0.59	mg/Kg	1	☼	6010B	Total/NA
Iron	11000		5.9	3.5	mg/Kg	1	☼	6010B	Total/NA
Lead	200		0.59	0.18	mg/Kg	1	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client: SCS ES Consultants
Project/Site: Curtis Park-Row Samples #2 NW 23 Ave, N

TestAmerica Job ID: 640-47002-1

Client Sample ID: SB-72 (0-0.5)
Date Collected: 02/26/14 10:18
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47002-1
Matrix: Solid
Percent Solids: 93.9

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	10		4.2	1.1	mg/Kg	☼	02/28/14 10:00	03/03/14 10:36	2
Arsenic	23		1.1	0.49	mg/Kg	☼	02/28/14 10:00	03/03/14 10:36	2
Barium	420		2.1	0.34	mg/Kg	☼	02/28/14 10:00	03/03/14 10:36	2
Copper	350		4.2	1.1	mg/Kg	☼	02/28/14 10:00	03/03/14 10:36	2
Iron	29000		11	6.3	mg/Kg	☼	02/28/14 10:00	03/03/14 10:36	2
Lead	840		1.1	0.32	mg/Kg	☼	02/28/14 10:00	03/03/14 10:36	2

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park-Row Samples #2 NW 23 Ave, N

TestAmerica Job ID: 640-47002-1

Client Sample ID: SB-72 (0.5-1)
Date Collected: 02/26/14 10:20
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47002-2
Matrix: Solid
Percent Solids: 91.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	130		4.4	1.1	mg/Kg	☼	02/28/14 10:00	03/03/14 10:39	2
Arsenic	21		1.1	0.51	mg/Kg	☼	02/28/14 10:00	03/03/14 10:39	2
Barium	420		2.2	0.36	mg/Kg	☼	02/28/14 10:00	03/03/14 10:39	2
Copper	380		4.4	1.1	mg/Kg	☼	02/28/14 10:00	03/03/14 10:39	2
Iron	25000		11	6.7	mg/Kg	☼	02/28/14 10:00	03/03/14 10:39	2
Lead	2700		1.1	0.33	mg/Kg	☼	02/28/14 10:00	03/03/14 10:39	2

Client: SCS ES Consultants
Project/Site: Curtis Park-Row Samples #2 NW 23 Ave, N

TestAmerica Job ID: 640-47002-1

Client Sample ID: SB-72 (1-2)
Date Collected: 02/26/14 10:22
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47002-3
Matrix: Solid
Percent Solids: 91.7

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	7.5		2.2	0.54	mg/Kg	☼	02/28/14 10:00	03/03/14 09:29	1
Arsenic	9.9		0.54	0.25	mg/Kg	☼	02/28/14 10:00	03/03/14 09:29	1
Barium	220		1.1	0.17	mg/Kg	☼	02/28/14 10:00	03/03/14 09:29	1
Copper	150		2.2	0.54	mg/Kg	☼	02/28/14 10:00	03/03/14 09:29	1
Iron	11000		5.4	3.2	mg/Kg	☼	02/28/14 10:00	03/03/14 09:29	1
Lead	2700		0.54	0.16	mg/Kg	☼	02/28/14 10:00	03/03/14 09:29	1

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park-Row Samples #2 NW 23 Ave, N

TestAmerica Job ID: 640-47002-1

Client Sample ID: SB-73 (0-0.5)
Date Collected: 02/26/14 11:24
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47002-4
Matrix: Solid
Percent Solids: 85.1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	6.6		2.4	0.61	mg/Kg	☼	02/28/14 10:00	03/03/14 09:33	1
Arsenic	12		0.61	0.28	mg/Kg	☼	02/28/14 10:00	03/03/14 09:33	1
Barium	160		1.2	0.19	mg/Kg	☼	02/28/14 10:00	03/03/14 09:33	1
Copper	540		2.4	0.61	mg/Kg	☼	02/28/14 10:00	03/03/14 09:33	1
Iron	19000		6.1	3.6	mg/Kg	☼	02/28/14 10:00	03/03/14 09:33	1
Lead	280		0.61	0.18	mg/Kg	☼	02/28/14 10:00	03/03/14 09:33	1

Client: SCS ES Consultants
Project/Site: Curtis Park-Row Samples #2 NW 23 Ave, N

TestAmerica Job ID: 640-47002-1

Client Sample ID: SB-73 (0.5-1)
Date Collected: 02/26/14 11:26
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47002-5
Matrix: Solid
Percent Solids: 86.4

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	7.9	I	11	2.8	mg/Kg	☼	02/28/14 10:00	03/03/14 10:55	5
Arsenic	12		2.8	1.3	mg/Kg	☼	02/28/14 10:00	03/03/14 10:55	5
Barium	340		5.6	0.90	mg/Kg	☼	02/28/14 10:00	03/03/14 10:55	5
Copper	160		11	2.8	mg/Kg	☼	02/28/14 10:00	03/03/14 10:55	5
Iron	36000		28	17	mg/Kg	☼	02/28/14 10:00	03/03/14 10:55	5
Lead	360		2.8	0.84	mg/Kg	☼	02/28/14 10:00	03/03/14 10:55	5

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park-Row Samples #2 NW 23 Ave, N

TestAmerica Job ID: 640-47002-1

Client Sample ID: SB-73 (1-2)
Date Collected: 02/26/14 11:28
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47002-6
Matrix: Solid
Percent Solids: 88.1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	5.9		2.3	0.57	mg/Kg	☼	02/28/14 10:00	03/03/14 09:40	1
Arsenic	13		0.57	0.26	mg/Kg	☼	02/28/14 10:00	03/03/14 09:40	1
Barium	120		1.1	0.18	mg/Kg	☼	02/28/14 10:00	03/03/14 09:40	1
Copper	130		2.3	0.57	mg/Kg	☼	02/28/14 10:00	03/03/14 09:40	1
Iron	21000		5.7	3.4	mg/Kg	☼	02/28/14 10:00	03/03/14 09:40	1
Lead	260		0.57	0.17	mg/Kg	☼	02/28/14 10:00	03/03/14 09:40	1

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park-Row Samples #2 NW 23 Ave, N

TestAmerica Job ID: 640-47002-1

Client Sample ID: SB-74 (0-0.5)
Date Collected: 02/26/14 11:05
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47002-7
Matrix: Solid
Percent Solids: 83.7

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.4		2.3	0.58	mg/Kg	☼	02/28/14 10:00	03/03/14 09:43	1
Arsenic	20		0.58	0.27	mg/Kg	☼	02/28/14 10:00	03/03/14 09:43	1
Barium	50		1.2	0.19	mg/Kg	☼	02/28/14 10:00	03/03/14 09:43	1
Copper	130		2.3	0.58	mg/Kg	☼	02/28/14 10:00	03/03/14 09:43	1
Iron	15000		5.8	3.5	mg/Kg	☼	02/28/14 10:00	03/03/14 09:43	1
Lead	250		0.58	0.17	mg/Kg	☼	02/28/14 10:00	03/03/14 09:43	1

Client Sample Results

Client: SCS ES Consultants
TestAmerica Job ID: 640-47002-1
Project/Site: Curtis Park-Row Samples #2 NW 23 Ave, N

Client Sample ID: SB-74 (0.5-1)
Lab Sample ID: 640-47002-8
Date Collected: 02/26/14 11:07
Matrix: Solid
Date Received: 02/27/14 09:05
Percent Solids: 88.2

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.1	I	2.3	0.57	mg/Kg	☼	02/28/14 10:00	03/03/14 09:47	1
Arsenic	22		0.57	0.26	mg/Kg	☼	02/28/14 10:00	03/03/14 09:47	1
Barium	33		1.1	0.18	mg/Kg	☼	02/28/14 10:00	03/03/14 09:47	1
Copper	51		2.3	0.57	mg/Kg	☼	02/28/14 10:00	03/03/14 09:47	1
Iron	6300		5.7	3.4	mg/Kg	☼	02/28/14 10:00	03/03/14 09:47	1
Lead	90		0.57	0.17	mg/Kg	☼	02/28/14 10:00	03/03/14 09:47	1

Client: SCS ES Consultants
Project/Site: Curtis Park-Row Samples #2 NW 23 Ave, N

TestAmerica Job ID: 640-47002-1

Client Sample ID: SB-74 (1-2)
Date Collected: 02/26/14 11:09
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47002-9
Matrix: Solid
Percent Solids: 85.1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.7	I	2.4	0.60	mg/Kg	☼	02/28/14 10:00	03/03/14 09:50	1
Arsenic	24		0.60	0.28	mg/Kg	☼	02/28/14 10:00	03/03/14 09:50	1
Barium	30		1.2	0.19	mg/Kg	☼	02/28/14 10:00	03/03/14 09:50	1
Copper	43		2.4	0.60	mg/Kg	☼	02/28/14 10:00	03/03/14 09:50	1
Iron	4900		6.0	3.6	mg/Kg	☼	02/28/14 10:00	03/03/14 09:50	1
Lead	78		0.60	0.18	mg/Kg	☼	02/28/14 10:00	03/03/14 09:50	1

Client: SCS ES Consultants
Project/Site: Curtis Park-Row Samples #2 NW 23 Ave, N

TestAmerica Job ID: 640-47002-1

Client Sample ID: SB-75 (0-0.5)
Date Collected: 02/26/14 10:48
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47002-10
Matrix: Solid
Percent Solids: 80.8

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.5	I	2.4	0.60	mg/Kg	☼	02/28/14 10:00	03/03/14 09:54	1
Arsenic	12		0.60	0.28	mg/Kg	☼	02/28/14 10:00	03/03/14 09:54	1
Barium	40		1.2	0.19	mg/Kg	☼	02/28/14 10:00	03/03/14 09:54	1
Copper	73		2.4	0.60	mg/Kg	☼	02/28/14 10:00	03/03/14 09:54	1
Iron	6000		6.0	3.6	mg/Kg	☼	02/28/14 10:00	03/03/14 09:54	1
Lead	110		0.60	0.18	mg/Kg	☼	02/28/14 10:00	03/03/14 09:54	1

Client: SCS ES Consultants
Project/Site: Curtis Park-Row Samples #2 NW 23 Ave, N

TestAmerica Job ID: 640-47002-1

Client Sample ID: SB-75 (0.5-1)
Date Collected: 02/26/14 10:50
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47002-11
Matrix: Solid
Percent Solids: 88.2

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.73	I	2.3	0.57	mg/Kg	☼	02/28/14 10:00	03/03/14 09:58	1
Arsenic	7.4		0.57	0.26	mg/Kg	☼	02/28/14 10:00	03/03/14 09:58	1
Barium	24		1.1	0.18	mg/Kg	☼	02/28/14 10:00	03/03/14 09:58	1
Copper	38		2.3	0.57	mg/Kg	☼	02/28/14 10:00	03/03/14 09:58	1
Iron	4800		5.7	3.4	mg/Kg	☼	02/28/14 10:00	03/03/14 09:58	1
Lead	57		0.57	0.17	mg/Kg	☼	02/28/14 10:00	03/03/14 09:58	1

Client Sample Results

Client: SCS ES Consultants
TestAmerica Job ID: 640-47002-1
Project/Site: Curtis Park-Row Samples #2 NW 23 Ave, N

Client Sample ID: SB-75 (1-2)
Lab Sample ID: 640-47002-12
Date Collected: 02/26/14 10:52
Matrix: Solid
Date Received: 02/27/14 09:05
Percent Solids: 82.8

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.4	I	2.4	0.61	mg/Kg	☼	02/28/14 10:00	03/03/14 10:08	1
Arsenic	14		0.61	0.28	mg/Kg	☼	02/28/14 10:00	03/03/14 10:08	1
Barium	23		1.2	0.20	mg/Kg	☼	02/28/14 10:00	03/03/14 10:08	1
Copper	49		2.4	0.61	mg/Kg	☼	02/28/14 10:00	03/03/14 10:08	1
Iron	8400		6.1	3.7	mg/Kg	☼	02/28/14 10:00	03/03/14 10:08	1
Lead	92		0.61	0.18	mg/Kg	☼	02/28/14 10:00	03/03/14 10:08	1

Client: SCS ES Consultants
Project/Site: Curtis Park-Row Samples #2 NW 23 Ave, N

TestAmerica Job ID: 640-47002-1

Client Sample ID: SB-76 (0-0.5)
Date Collected: 02/26/14 10:40
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47002-13
Matrix: Solid
Percent Solids: 83.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.9		2.4	0.59	mg/Kg	☼	02/28/14 10:00	03/03/14 10:11	1
Arsenic	5.9		0.59	0.27	mg/Kg	☼	02/28/14 10:00	03/03/14 10:11	1
Barium	51		1.2	0.19	mg/Kg	☼	02/28/14 10:00	03/03/14 10:11	1
Copper	55		2.4	0.59	mg/Kg	☼	02/28/14 10:00	03/03/14 10:11	1
Iron	4300		5.9	3.5	mg/Kg	☼	02/28/14 10:00	03/03/14 10:11	1
Lead	100		0.59	0.18	mg/Kg	☼	02/28/14 10:00	03/03/14 10:11	1

Client Sample Results

Client: SCS ES Consultants
TestAmerica Job ID: 640-47002-1
Project/Site: Curtis Park-Row Samples #2 NW 23 Ave, N

Client Sample ID: SB-76 (0.5-1)
Lab Sample ID: 640-47002-14
Date Collected: 02/26/14 10:42
Matrix: Solid
Date Received: 02/27/14 09:05
Percent Solids: 87.4

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	13		2.2	0.56	mg/Kg	☼	02/28/14 10:00	03/03/14 10:15	1
Arsenic	6.9		0.56	0.26	mg/Kg	☼	02/28/14 10:00	03/03/14 10:15	1
Barium	47		1.1	0.18	mg/Kg	☼	02/28/14 10:00	03/03/14 10:15	1
Copper	88		2.2	0.56	mg/Kg	☼	02/28/14 10:00	03/03/14 10:15	1
Iron	12000		5.6	3.4	mg/Kg	☼	02/28/14 10:00	03/03/14 10:15	1
Lead	560		0.56	0.17	mg/Kg	☼	02/28/14 10:00	03/03/14 10:15	1

Client: SCS ES Consultants
Project/Site: Curtis Park-Row Samples #2 NW 23 Ave, N

TestAmerica Job ID: 640-47002-1

Client Sample ID: SB-76 (1-2)
Date Collected: 02/26/14 10:44
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47002-15
Matrix: Solid
Percent Solids: 87.6

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	4.1		2.4	0.59	mg/Kg	☼	02/28/14 10:00	03/03/14 10:19	1
Arsenic	5.5		0.59	0.27	mg/Kg	☼	02/28/14 10:00	03/03/14 10:19	1
Barium	120		1.2	0.19	mg/Kg	☼	02/28/14 10:00	03/03/14 10:19	1
Copper	240		2.4	0.59	mg/Kg	☼	02/28/14 10:00	03/03/14 10:19	1
Iron	11000		5.9	3.5	mg/Kg	☼	02/28/14 10:00	03/03/14 10:19	1
Lead	200		0.59	0.18	mg/Kg	☼	02/28/14 10:00	03/03/14 10:19	1

Client: SCS ES Consultants
Project/Site: Curtis Park-Row Samples #2 NW 23 Ave, N

TestAmerica Job ID: 640-47002-1

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 660-146580/1-A
Matrix: Solid
Analysis Batch: 146626

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 146580

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.50	U	2.0	0.50	mg/Kg		02/28/14 10:00	03/03/14 08:44	1
Arsenic	0.23	U	0.50	0.23	mg/Kg		02/28/14 10:00	03/03/14 08:44	1
Barium	0.16	U	1.0	0.16	mg/Kg		02/28/14 10:00	03/03/14 08:44	1
Copper	0.50	U	2.0	0.50	mg/Kg		02/28/14 10:00	03/03/14 08:44	1
Iron	3.0	U	5.0	3.0	mg/Kg		02/28/14 10:00	03/03/14 08:44	1
Lead	0.15	U	0.50	0.15	mg/Kg		02/28/14 10:00	03/03/14 08:44	1

Lab Sample ID: LCS 660-146580/2-A
Matrix: Solid
Analysis Batch: 146626

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 146580

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	50.0	50.2		mg/Kg		100	75 - 125
Arsenic	50.0	50.6		mg/Kg		101	75 - 125
Barium	50.0	51.4		mg/Kg		103	75 - 125
Copper	50.0	52.7		mg/Kg		105	75 - 125
Iron	50.0	53.3		mg/Kg		107	75 - 125
Lead	50.0	51.5		mg/Kg		103	75 - 125

Metals

Prep Batch: 146580

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47002-1	SB-72 (0-0.5)	Total/NA	Solid	3050B	
640-47002-2	SB-72 (0.5-1)	Total/NA	Solid	3050B	
640-47002-3	SB-72 (1-2)	Total/NA	Solid	3050B	
640-47002-4	SB-73 (0-0.5)	Total/NA	Solid	3050B	
640-47002-5	SB-73 (0.5-1)	Total/NA	Solid	3050B	
640-47002-6	SB-73 (1-2)	Total/NA	Solid	3050B	
640-47002-7	SB-74 (0-0.5)	Total/NA	Solid	3050B	
640-47002-8	SB-74 (0.5-1)	Total/NA	Solid	3050B	
640-47002-9	SB-74 (1-2)	Total/NA	Solid	3050B	
640-47002-10	SB-75 (0-0.5)	Total/NA	Solid	3050B	
640-47002-11	SB-75 (0.5-1)	Total/NA	Solid	3050B	
640-47002-12	SB-75 (1-2)	Total/NA	Solid	3050B	
640-47002-13	SB-76 (0-0.5)	Total/NA	Solid	3050B	
640-47002-14	SB-76 (0.5-1)	Total/NA	Solid	3050B	
640-47002-15	SB-76 (1-2)	Total/NA	Solid	3050B	
LCS 660-146580/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 660-146580/1-A	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 146626

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47002-1	SB-72 (0-0.5)	Total/NA	Solid	6010B	146580
640-47002-2	SB-72 (0.5-1)	Total/NA	Solid	6010B	146580
640-47002-3	SB-72 (1-2)	Total/NA	Solid	6010B	146580
640-47002-4	SB-73 (0-0.5)	Total/NA	Solid	6010B	146580
640-47002-5	SB-73 (0.5-1)	Total/NA	Solid	6010B	146580
640-47002-6	SB-73 (1-2)	Total/NA	Solid	6010B	146580
640-47002-7	SB-74 (0-0.5)	Total/NA	Solid	6010B	146580
640-47002-8	SB-74 (0.5-1)	Total/NA	Solid	6010B	146580
640-47002-9	SB-74 (1-2)	Total/NA	Solid	6010B	146580
640-47002-10	SB-75 (0-0.5)	Total/NA	Solid	6010B	146580
640-47002-11	SB-75 (0.5-1)	Total/NA	Solid	6010B	146580
640-47002-12	SB-75 (1-2)	Total/NA	Solid	6010B	146580
640-47002-13	SB-76 (0-0.5)	Total/NA	Solid	6010B	146580
640-47002-14	SB-76 (0.5-1)	Total/NA	Solid	6010B	146580
640-47002-15	SB-76 (1-2)	Total/NA	Solid	6010B	146580
LCS 660-146580/2-A	Lab Control Sample	Total/NA	Solid	6010B	146580
MB 660-146580/1-A	Method Blank	Total/NA	Solid	6010B	146580

General Chemistry

Analysis Batch: 146566

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47002-1	SB-72 (0-0.5)	Total/NA	Solid	Moisture	
640-47002-2	SB-72 (0.5-1)	Total/NA	Solid	Moisture	
640-47002-3	SB-72 (1-2)	Total/NA	Solid	Moisture	
640-47002-4	SB-73 (0-0.5)	Total/NA	Solid	Moisture	
640-47002-5	SB-73 (0.5-1)	Total/NA	Solid	Moisture	
640-47002-6	SB-73 (1-2)	Total/NA	Solid	Moisture	
640-47002-7	SB-74 (0-0.5)	Total/NA	Solid	Moisture	
640-47002-8	SB-74 (0.5-1)	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 146566 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47002-9	SB-74 (1-2)	Total/NA	Solid	Moisture	
640-47002-10	SB-75 (0-0.5)	Total/NA	Solid	Moisture	
640-47002-11	SB-75 (0.5-1)	Total/NA	Solid	Moisture	
640-47002-12	SB-75 (1-2)	Total/NA	Solid	Moisture	
640-47002-13	SB-76 (0-0.5)	Total/NA	Solid	Moisture	
640-47002-14	SB-76 (0.5-1)	Total/NA	Solid	Moisture	
640-47002-15	SB-76 (1-2)	Total/NA	Solid	Moisture	

Lab Chronicle

Client: SCS ES Consultants
Project/Site: Curtis Park-Row Samples #2 NW 23 Ave, N

TestAmerica Job ID: 640-47002-1

Client Sample ID: SB-72 (0-0.5)

Lab Sample ID: 640-47002-1
Date Collected: 02/26/14 10:18
Matrix: Solid
Date Received: 02/27/14 09:05
Percent Solids: 93.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146580	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		2	146626	03/03/14 10:36	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146566	02/28/14 05:52	AJG	TAL TAM

Client Sample ID: SB-72 (0.5-1)

Lab Sample ID: 640-47002-2
Date Collected: 02/26/14 10:20
Matrix: Solid
Date Received: 02/27/14 09:05
Percent Solids: 91.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146580	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		2	146626	03/03/14 10:39	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146566	02/28/14 05:52	AJG	TAL TAM

Client Sample ID: SB-72 (1-2)

Lab Sample ID: 640-47002-3
Date Collected: 02/26/14 10:22
Matrix: Solid
Date Received: 02/27/14 09:05
Percent Solids: 91.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146580	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		1	146626	03/03/14 09:29	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146566	02/28/14 05:52	AJG	TAL TAM

Client Sample ID: SB-73 (0-0.5)

Lab Sample ID: 640-47002-4
Date Collected: 02/26/14 11:24
Matrix: Solid
Date Received: 02/27/14 09:05
Percent Solids: 85.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146580	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		1	146626	03/03/14 09:33	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146566	02/28/14 05:52	AJG	TAL TAM

Client Sample ID: SB-73 (0.5-1)

Lab Sample ID: 640-47002-5
Date Collected: 02/26/14 11:26
Matrix: Solid
Date Received: 02/27/14 09:05
Percent Solids: 86.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146580	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		5	146626	03/03/14 10:55	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146566	02/28/14 05:52	AJG	TAL TAM

Lab Chronicle

Client: SCS ES Consultants
Project/Site: Curtis Park-Row Samples #2 NW 23 Ave, N

TestAmerica Job ID: 640-47002-1

Client Sample ID: SB-73 (1-2)

Lab Sample ID: 640-47002-6

Date Collected: 02/26/14 11:28
Date Received: 02/27/14 09:05

Matrix: Solid
Percent Solids: 88.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146580	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		1	146626	03/03/14 09:40	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146566	02/28/14 05:52	AJG	TAL TAM

Client Sample ID: SB-74 (0-0.5)

Lab Sample ID: 640-47002-7

Date Collected: 02/26/14 11:05
Date Received: 02/27/14 09:05

Matrix: Solid
Percent Solids: 83.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146580	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		1	146626	03/03/14 09:43	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146566	02/28/14 05:52	AJG	TAL TAM

Client Sample ID: SB-74 (0.5-1)

Lab Sample ID: 640-47002-8

Date Collected: 02/26/14 11:07
Date Received: 02/27/14 09:05

Matrix: Solid
Percent Solids: 88.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146580	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		1	146626	03/03/14 09:47	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146566	02/28/14 05:52	AJG	TAL TAM

Client Sample ID: SB-74 (1-2)

Lab Sample ID: 640-47002-9

Date Collected: 02/26/14 11:09
Date Received: 02/27/14 09:05

Matrix: Solid
Percent Solids: 85.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146580	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		1	146626	03/03/14 09:50	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146566	02/28/14 05:52	AJG	TAL TAM

Client Sample ID: SB-75 (0-0.5)

Lab Sample ID: 640-47002-10

Date Collected: 02/26/14 10:48
Date Received: 02/27/14 09:05

Matrix: Solid
Percent Solids: 80.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146580	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		1	146626	03/03/14 09:54	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146566	02/28/14 05:52	AJG	TAL TAM

Lab Chronicle

Client: SCS ES Consultants
Project/Site: Curtis Park-Row Samples #2 NW 23 Ave, N

TestAmerica Job ID: 640-47002-1

Client Sample ID: SB-75 (0.5-1)

Lab Sample ID: 640-47002-11

Date Collected: 02/26/14 10:50
Matrix: Solid
Date Received: 02/27/14 09:05
Percent Solids: 88.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146580	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		1	146626	03/03/14 09:58	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146566	02/28/14 05:52	AJG	TAL TAM

Client Sample ID: SB-75 (1-2)

Lab Sample ID: 640-47002-12

Date Collected: 02/26/14 10:52
Matrix: Solid
Date Received: 02/27/14 09:05
Percent Solids: 82.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146580	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		1	146626	03/03/14 10:08	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146566	02/28/14 05:52	AJG	TAL TAM

Client Sample ID: SB-76 (0-0.5)

Lab Sample ID: 640-47002-13

Date Collected: 02/26/14 10:40
Matrix: Solid
Date Received: 02/27/14 09:05
Percent Solids: 83.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146580	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		1	146626	03/03/14 10:11	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146566	02/28/14 05:52	AJG	TAL TAM

Client Sample ID: SB-76 (0.5-1)

Lab Sample ID: 640-47002-14

Date Collected: 02/26/14 10:42
Matrix: Solid
Date Received: 02/27/14 09:05
Percent Solids: 87.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146580	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		1	146626	03/03/14 10:15	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146566	02/28/14 05:52	AJG	TAL TAM

Client Sample ID: SB-76 (1-2)

Lab Sample ID: 640-47002-15

Date Collected: 02/26/14 10:44
Matrix: Solid
Date Received: 02/27/14 09:05
Percent Solids: 87.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146580	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		1	146626	03/03/14 10:19	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146566	02/28/14 05:52	AJG	TAL TAM

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: SCS ES Consultants
TestAmerica Job ID: 640-47002-1
Project/Site: Curtis Park-Row Samples #2 NW 23 Ave, N

Laboratory: TestAmerica Tallahassee

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E81005	06-30-14
Georgia	State Program	4		06-30-14
Louisiana	NELAP	6	30663	06-30-14
New Jersey	NELAP	2	FL012	06-30-14
Texas	NELAP	6	T104704459-11-2	03-31-14
USDA	Federal		P330-08-00158	08-05-14

Laboratory: TestAmerica Tampa

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alabama	State Program	4	40610	06-30-14
Florida	NELAP	4	E84282	06-30-14
Georgia	State Program	4	905	06-30-14
USDA	Federal		P330-11-00177	04-20-14

Method Summary

Client: SCS ES Consultants
Project/Site: Curtis Park-Row Samples #2 NW 23 Ave, N

TestAmerica Job ID: 640-47002-1

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL TAM
Moisture	Percent Moisture	EPA	TAL TAM

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Sample Summary

Client: SCS ES Consultants
Project/Site: Curtis Park-Row Samples #2 NW 23 Ave, N

TestAmerica Job ID: 640-47002-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
640-47002-1	SB-72 (0-0.5)	Solid	02/26/14 10:18	02/27/14 09:05
640-47002-2	SB-72 (0.5-1)	Solid	02/26/14 10:20	02/27/14 09:05
640-47002-3	SB-72 (1-2)	Solid	02/26/14 10:22	02/27/14 09:05
640-47002-4	SB-73 (0-0.5)	Solid	02/26/14 11:24	02/27/14 09:05
640-47002-5	SB-73 (0.5-1)	Solid	02/26/14 11:26	02/27/14 09:05
640-47002-6	SB-73 (1-2)	Solid	02/26/14 11:28	02/27/14 09:05
640-47002-7	SB-74 (0-0.5)	Solid	02/26/14 11:05	02/27/14 09:05
640-47002-8	SB-74 (0.5-1)	Solid	02/26/14 11:07	02/27/14 09:05
640-47002-9	SB-74 (1-2)	Solid	02/26/14 11:09	02/27/14 09:05
640-47002-10	SB-75 (0-0.5)	Solid	02/26/14 10:48	02/27/14 09:05
640-47002-11	SB-75 (0.5-1)	Solid	02/26/14 10:50	02/27/14 09:05
640-47002-12	SB-75 (1-2)	Solid	02/26/14 10:52	02/27/14 09:05
640-47002-13	SB-76 (0-0.5)	Solid	02/26/14 10:40	02/27/14 09:05
640-47002-14	SB-76 (0.5-1)	Solid	02/26/14 10:42	02/27/14 09:05
640-47002-15	SB-76 (1-2)	Solid	02/26/14 10:44	02/27/14 09:05

TestAmerica Tallahassee
2846 Industrial Plaza Drive

Tallahassee, FL 32301
phone 850.878.3994 fax

Chain of Custody Record

ROW Samples #2 (NW 23 Ave, North)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

3/5/2014

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other: 640-47002

Client Contact	Project Manager: Eddy Smith	Site Contact: Brittney Odom	Date:	COC No:
SCS Engineers	Tel/Fax:	Lab Contact: Amy Marks	Carrier:	____ of ____ COCs
7700 North Kendall Drive	Analysis Turnaround Time			Sampler:
Miami, Florida 33156	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
305.412.8185 Phone	TAT if different from Below ____			Walk-in Client:
305.412.8105 FAX	☐ 2 weeks			Lab Sampling:
Project Name: Curtis Park	☐ 1 week			
Site: 1901 NW 24th Ave, Miami, FL	☐ 2 days			Job / SDG No.:
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Metals 6010 (Sb, As, Ba, Cu, Pb, Fe)	Metals 6010/7471 (Cd, Cr, Hg, Se, Ag)	Dioxins (8290)	PCBs (8082)	Sample Specific Notes:
SB-72 (0-0.5)	26-Feb-14	10:18	C	So	2			X				
SB-72 (0.5-1)	"	10:20	C	So	2			X				
SB-72 (1-2)	"	10:22	C	So	2			X				
SB-73 (0-0.5)	"	11:24	C	So	2			X				
SB-73 (0.5-1)	"	11:26	C	So	2			X				
SB-73 (1-2)	"	11:28	C	So	2			X				
SB-74 (0-0.5)	"	11:05	C	So	2			X				
SB-74 (0.5-1)	"	11:07	C	So	2			X				
SB-74 (1-2)	"	11:09	C	So	2			X				
SB-75 (0-0.5)	"	10:48	C	So	2			X				
SB-75 (0.5-1)	"	10:50	C	So	2			X				
SB-75 (1-2)	"	10:52	C	So	2			X				

640-47002 Chain of Custody

Page 32 of 33

Preservation Used: 1=Ice, 2=HCl, 3=H2SO4, 4=HNO3, 5=NaOH, 6=Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for ____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: ____ Corr'd: ____ | Therm ID No.: ____

	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	SCS	26/2-14 1800			2-26-14 1530
Relinquished by:	Company:	Date/Time: 2-26-14 1800	Received by:	TAL TA	Date/Time: 2/27/14 9:25
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

5.9°C Cu-81

TestAmerica Tallahassee
2846 Industrial Plaza Drive
Tallahassee, FL 32301
phone 850.878.3994 fax

Chain of Custody Record

ROW Samples #2 (NW 23 Ave, North)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other: 640-47002

3/5/2014

Client Contact	Project Manager: Eddy Smith	Site Contact: Brittney Odom	Date:	COC No:
SCS Engineers	Tel/Fax:	Lab Contact: Amy Marks	Carrier:	____ of ____ COCs
7700 North Kendall Drive	Analysis Turnaround Time			Sampler:
Miami, Florida 33156	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
305.412.8185 Phone	TAT if different from Below ____			Walk-in Client:
305.412.8105 FAX	☐ 2 weeks			Lab Sampling:
Project Name: Curtis Park	☐ 1 week			Job / SDG No.:
Site: 1901 NW 24th Ave, Miami, FL	☐ 2 days			
PO #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Metals 6010 (Sb, As, Ba, Cu, Pb, Fe)	Metals 6010/7471 (Cd, Cr, Hg, Se, Ag)	Dioxins (8290)	PCBs (8082)	Sample Specific Notes:
SB-76(0-0.5)	26-Feb-14	10:40	C	So	2			X				
SB-76 (0.5-1)	"	10:42	C	So	2			X				
SB-76 (1-2)	"	10:44	C	So	2			X				

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for ____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: ____ Corr'd: ____ | Therm ID No.: ____

	Company	Date/Time		Company	Date/Time
Relinquished by:	SCS	2/26/14 1800	Received by:		2-26-14 1530
Relinquished by:		2-26-14 1800	Received by:	TMPA	2/27/14 9:05
Relinquished by:			Received in Laboratory by:		

5.5c C.O.C

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tallahassee
2846 Industrial Plaza Drive
Tallahassee, FL 32301
Tel: (850)878-3994

TestAmerica Job ID: 640-47001-1
Client Project/Site: Curtis Park - ROW Samples #3 NW 20th St

For:
SCS ES Consultants
7700 N. Kendall Drive, Suite 300
Miami, Florida 33156

Attn: Mr. Bob Speed

Authorized for release by:
3/4/2014 4:26:57 PM

Amy Marks, Project Manager II
(850)878-3994
amy.marks@testamericainc.com

Table of Contents

Client: SCS ES Consultants
Project/Site: Curtis Park - ROW Samples #3 NW 20th St

TestAmerica Job ID: 640-47001-1

Qualifiers

Metals

Qualifier	Qualifier Description
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
U	Indicates that the compound was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 640-47001-1

Laboratory: TestAmerica Tallahassee

Narrative

Job Narrative
640-47001-1

Comments
No additional comments.

Receipt
The samples were received on 2/27/2014 9:05 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 4.3º C and 4.3º C.

Metals
Method 6010B: The following samples were diluted due to saturated levels of iron in the matrix that caused an interference with target analytes. SB-81 (0.5-1) (640-47001-2), SB-81 (1-2) (640-47001-3), SB-79 (0-0.5) (640-47003-7), SB-79 (0.5-1) (640-47003-8), SB-80 (0-0.5) (640-47003-10), SB-80 (0.5-1) (640-47003-11). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: SCS ES Consultants
Project/Site: Curtis Park - ROW Samples #3 NW 20th St

TestAmerica Job ID: 640-47001-1

Client Sample ID: SB-81 (0-0.5) — Lab Sample ID: 640-47001-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	3.3		2.1	0.53	mg/Kg	1	☼	6010B	Total/NA
Arsenic	5.7		0.53	0.25	mg/Kg	1	☼	6010B	Total/NA
Barium	110		1.1	0.17	mg/Kg	1	☼	6010B	Total/NA
Copper	110		2.1	0.53	mg/Kg	1	☼	6010B	Total/NA
Iron	11000		5.3	3.2	mg/Kg	1	☼	6010B	Total/NA
Lead	420		0.53	0.16	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-81 (0.5-1) — Lab Sample ID: 640-47001-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	53		4.3	1.1	mg/Kg	2	☼	6010B	Total/NA
Arsenic	13		1.1	0.50	mg/Kg	2	☼	6010B	Total/NA
Barium	340		2.2	0.35	mg/Kg	2	☼	6010B	Total/NA
Copper	270		4.3	1.1	mg/Kg	2	☼	6010B	Total/NA
Iron	25000		11	6.5	mg/Kg	2	☼	6010B	Total/NA
Lead	2200		1.1	0.33	mg/Kg	2	☼	6010B	Total/NA

Client Sample ID: SB-81 (1-2) — Lab Sample ID: 640-47001-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	11		4.7	1.2	mg/Kg	2	☼	6010B	Total/NA
Arsenic	21		1.2	0.54	mg/Kg	2	☼	6010B	Total/NA
Barium	500		2.3	0.37	mg/Kg	2	☼	6010B	Total/NA
Copper	310		4.7	1.2	mg/Kg	2	☼	6010B	Total/NA
Iron	29000		12	7.0	mg/Kg	2	☼	6010B	Total/NA
Lead	860		1.2	0.35	mg/Kg	2	☼	6010B	Total/NA

Client Sample ID: SB-77 (0-0.5) — Lab Sample ID: 640-47003-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	5.6		2.3	0.57	mg/Kg	1	☼	6010B	Total/NA
Arsenic	26		0.57	0.26	mg/Kg	1	☼	6010B	Total/NA
Barium	80		1.1	0.18	mg/Kg	1	☼	6010B	Total/NA
Copper	75		2.3	0.57	mg/Kg	1	☼	6010B	Total/NA
Iron	8200		5.7	3.4	mg/Kg	1	☼	6010B	Total/NA
Lead	190		0.57	0.17	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-77 (0.5-1) — Lab Sample ID: 640-47003-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	1.3	I	2.2	0.54	mg/Kg	1	☼	6010B	Total/NA
Arsenic	12		0.54	0.25	mg/Kg	1	☼	6010B	Total/NA
Barium	20		1.1	0.17	mg/Kg	1	☼	6010B	Total/NA
Copper	25		2.2	0.54	mg/Kg	1	☼	6010B	Total/NA
Iron	4600		5.4	3.2	mg/Kg	1	☼	6010B	Total/NA
Lead	56		0.54	0.16	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-77 (1-2) — Lab Sample ID: 640-47003-3

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-77 (1-2) (Continued) — Lab Sample ID: 640-47003-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	4.4		2.5	0.62	mg/Kg	1	☼	6010B	Total/NA
Arsenic	10		0.62	0.29	mg/Kg	1	☼	6010B	Total/NA
Barium	94		1.2	0.20	mg/Kg	1	☼	6010B	Total/NA
Copper	71		2.5	0.62	mg/Kg	1	☼	6010B	Total/NA
Iron	6800		6.2	3.7	mg/Kg	1	☼	6010B	Total/NA
Lead	170		0.62	0.19	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-78 (0-0.5) — Lab Sample ID: 640-47003-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	3.4		2.5	0.62	mg/Kg	1	☼	6010B	Total/NA
Arsenic	6.8		0.62	0.28	mg/Kg	1	☼	6010B	Total/NA
Barium	69		1.2	0.20	mg/Kg	1	☼	6010B	Total/NA
Copper	78		2.5	0.62	mg/Kg	1	☼	6010B	Total/NA
Iron	8300		6.2	3.7	mg/Kg	1	☼	6010B	Total/NA
Lead	170		0.62	0.19	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-78 (0.5-1) — Lab Sample ID: 640-47003-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	6.2		2.5	0.61	mg/Kg	1	☼	6010B	Total/NA
Arsenic	12		0.61	0.28	mg/Kg	1	☼	6010B	Total/NA
Barium	130		1.2	0.20	mg/Kg	1	☼	6010B	Total/NA
Copper	80		2.5	0.61	mg/Kg	1	☼	6010B	Total/NA
Iron	11000		6.1	3.7	mg/Kg	1	☼	6010B	Total/NA
Lead	220		0.61	0.18	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-78 (1-2) — Lab Sample ID: 640-47003-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	4.7		2.4	0.59	mg/Kg	1	☼	6010B	Total/NA
Arsenic	12		0.59	0.27	mg/Kg	1	☼	6010B	Total/NA
Barium	82		1.2	0.19	mg/Kg	1	☼	6010B	Total/NA
Copper	100		2.4	0.59	mg/Kg	1	☼	6010B	Total/NA
Iron	6300		5.9	3.5	mg/Kg	1	☼	6010B	Total/NA
Lead	180		0.59	0.18	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-79 (0-0.5) — Lab Sample ID: 640-47003-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	9.2		6.8	1.7	mg/Kg	3	☼	6010B	Total/NA
Arsenic	29		1.7	0.79	mg/Kg	3	☼	6010B	Total/NA
Barium	350		3.4	0.55	mg/Kg	3	☼	6010B	Total/NA
Copper	260		6.8	1.7	mg/Kg	3	☼	6010B	Total/NA
Iron	37000		17	10	mg/Kg	3	☼	6010B	Total/NA
Lead	780		1.7	0.51	mg/Kg	3	☼	6010B	Total/NA

Client Sample ID: SB-79 (0.5-1) — Lab Sample ID: 640-47003-8

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-79 (0.5-1) (Continued)

Lab Sample ID: 640-47003-8

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	13		6.9	1.7	mg/Kg	3	☼	6010B	Total/NA
Arsenic	24		1.7	0.80	mg/Kg	3	☼	6010B	Total/NA
Barium	390		3.5	0.56	mg/Kg	3	☼	6010B	Total/NA
Copper	370		6.9	1.7	mg/Kg	3	☼	6010B	Total/NA
Iron	39000		17	10	mg/Kg	3	☼	6010B	Total/NA
Lead	1200		1.7	0.52	mg/Kg	3	☼	6010B	Total/NA

Client Sample ID: SB-79 (1-1.5)

Lab Sample ID: 640-47003-9

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	7.1		2.2	0.56	mg/Kg	1	☼	6010B	Total/NA
Arsenic	13		0.56	0.26	mg/Kg	1	☼	6010B	Total/NA
Barium	250		1.1	0.18	mg/Kg	1	☼	6010B	Total/NA
Copper	300		2.2	0.56	mg/Kg	1	☼	6010B	Total/NA
Iron	20000		5.6	3.3	mg/Kg	1	☼	6010B	Total/NA
Lead	530		0.56	0.17	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-80 (0-0.5)

Lab Sample ID: 640-47003-10

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	29		12	3.1	mg/Kg	5	☼	6010B	Total/NA
Arsenic	35		3.1	1.4	mg/Kg	5	☼	6010B	Total/NA
Barium	480		6.2	1.0	mg/Kg	5	☼	6010B	Total/NA
Copper	440		12	3.1	mg/Kg	5	☼	6010B	Total/NA
Iron	69000		31	19	mg/Kg	5	☼	6010B	Total/NA
Lead	3000		3.1	0.93	mg/Kg	5	☼	6010B	Total/NA

Client Sample ID: SB-80 (0.5-1)

Lab Sample ID: 640-47003-11

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	170		12	3.0	mg/Kg	5	☼	6010B	Total/NA
Arsenic	33		3.0	1.4	mg/Kg	5	☼	6010B	Total/NA
Barium	500		6.1	0.97	mg/Kg	5	☼	6010B	Total/NA
Copper	760		12	3.0	mg/Kg	5	☼	6010B	Total/NA
Iron	71000		30	18	mg/Kg	5	☼	6010B	Total/NA
Lead	1300		3.0	0.91	mg/Kg	5	☼	6010B	Total/NA

Client Sample ID: SB-80 (1-2)

Lab Sample ID: 640-47003-12

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	5.2		2.3	0.58	mg/Kg	1	☼	6010B	Total/NA
Arsenic	11		0.58	0.26	mg/Kg	1	☼	6010B	Total/NA
Barium	200		1.2	0.18	mg/Kg	1	☼	6010B	Total/NA
Copper	120		2.3	0.58	mg/Kg	1	☼	6010B	Total/NA
Iron	17000		5.8	3.5	mg/Kg	1	☼	6010B	Total/NA
Lead	340		0.58	0.17	mg/Kg	1	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park - ROW Samples #3 NW 20th St

TestAmerica Job ID: 640-47001-1

Client Sample ID: SB-81 (0-0.5)
Date Collected: 02/26/14 13:50
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47001-1
Matrix: Solid
Percent Solids: 91.7

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	3.3		2.1	0.53	mg/Kg	☼	02/28/14 10:00	03/03/14 08:54	1
Arsenic	5.7		0.53	0.25	mg/Kg	☼	02/28/14 10:00	03/03/14 08:54	1
Barium	110		1.1	0.17	mg/Kg	☼	02/28/14 10:00	03/03/14 08:54	1
Copper	110		2.1	0.53	mg/Kg	☼	02/28/14 10:00	03/03/14 08:54	1
Iron	11000		5.3	3.2	mg/Kg	☼	02/28/14 10:00	03/03/14 08:54	1
Lead	420		0.53	0.16	mg/Kg	☼	02/28/14 10:00	03/03/14 08:54	1

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park - ROW Samples #3 NW 20th St

TestAmerica Job ID: 640-47001-1

Client Sample ID: SB-81 (0.5-1)
Date Collected: 02/26/14 13:52
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47001-2
Matrix: Solid
Percent Solids: 92.1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	53		4.3	1.1	mg/Kg	☼	02/28/14 10:00	03/03/14 10:29	2
Arsenic	13		1.1	0.50	mg/Kg	☼	02/28/14 10:00	03/03/14 10:29	2
Barium	340		2.2	0.35	mg/Kg	☼	02/28/14 10:00	03/03/14 10:29	2
Copper	270		4.3	1.1	mg/Kg	☼	02/28/14 10:00	03/03/14 10:29	2
Iron	25000		11	6.5	mg/Kg	☼	02/28/14 10:00	03/03/14 10:29	2
Lead	2200		1.1	0.33	mg/Kg	☼	02/28/14 10:00	03/03/14 10:29	2

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park - ROW Samples #3 NW 20th St

TestAmerica Job ID: 640-47001-1

Client Sample ID: SB-81 (1-2)
Date Collected: 02/26/14 13:54
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47001-3
Matrix: Solid
Percent Solids: 87.5

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	11		4.7	1.2	mg/Kg	☼	02/28/14 10:00	03/03/14 10:33	2
Arsenic	21		1.2	0.54	mg/Kg	☼	02/28/14 10:00	03/03/14 10:33	2
Barium	500		2.3	0.37	mg/Kg	☼	02/28/14 10:00	03/03/14 10:33	2
Copper	310		4.7	1.2	mg/Kg	☼	02/28/14 10:00	03/03/14 10:33	2
Iron	29000		12	7.0	mg/Kg	☼	02/28/14 10:00	03/03/14 10:33	2
Lead	860		1.2	0.35	mg/Kg	☼	02/28/14 10:00	03/03/14 10:33	2

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park - ROW Samples #3 NW 20th St

TestAmerica Job ID: 640-47001-1

Client Sample ID: SB-77 (0-0.5)
Date Collected: 02/26/14 13:14
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47003-1
Matrix: Solid
Percent Solids: 89.1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	5.6		2.3	0.57	mg/Kg	☼	02/28/14 10:00	03/03/14 10:22	1
Arsenic	26		0.57	0.26	mg/Kg	☼	02/28/14 10:00	03/03/14 10:22	1
Barium	80		1.1	0.18	mg/Kg	☼	02/28/14 10:00	03/03/14 10:22	1
Copper	75		2.3	0.57	mg/Kg	☼	02/28/14 10:00	03/03/14 10:22	1
Iron	8200		5.7	3.4	mg/Kg	☼	02/28/14 10:00	03/03/14 10:22	1
Lead	190		0.57	0.17	mg/Kg	☼	02/28/14 10:00	03/03/14 10:22	1

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park - ROW Samples #3 NW 20th St

TestAmerica Job ID: 640-47001-1

Client Sample ID: SB-77 (0.5-1)
Date Collected: 02/26/14 13:16
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47003-2
Matrix: Solid
Percent Solids: 90.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.3	I	2.2	0.54	mg/Kg	☼	02/28/14 10:00	03/03/14 10:26	1
Arsenic	12		0.54	0.25	mg/Kg	☼	02/28/14 10:00	03/03/14 10:26	1
Barium	20		1.1	0.17	mg/Kg	☼	02/28/14 10:00	03/03/14 10:26	1
Copper	25		2.2	0.54	mg/Kg	☼	02/28/14 10:00	03/03/14 10:26	1
Iron	4600		5.4	3.2	mg/Kg	☼	02/28/14 10:00	03/03/14 10:26	1
Lead	56		0.54	0.16	mg/Kg	☼	02/28/14 10:00	03/03/14 10:26	1

Client: SCS ES Consultants
Project/Site: Curtis Park - ROW Samples #3 NW 20th St

TestAmerica Job ID: 640-47001-1

Client Sample ID: SB-77 (1-2)
Date Collected: 02/26/14 13:18
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47003-3
Matrix: Solid
Percent Solids: 79.5

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	4.4		2.5	0.62	mg/Kg	☼	02/28/14 10:00	03/03/14 14:16	1
Arsenic	10		0.62	0.29	mg/Kg	☼	02/28/14 10:00	03/03/14 14:16	1
Barium	94		1.2	0.20	mg/Kg	☼	02/28/14 10:00	03/03/14 14:16	1
Copper	71		2.5	0.62	mg/Kg	☼	02/28/14 10:00	03/03/14 14:16	1
Iron	6800		6.2	3.7	mg/Kg	☼	02/28/14 10:00	03/03/14 14:16	1
Lead	170		0.62	0.19	mg/Kg	☼	02/28/14 10:00	03/03/14 14:16	1

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park - ROW Samples #3 NW 20th St

TestAmerica Job ID: 640-47001-1

Client Sample ID: SB-78 (0-0.5)
Date Collected: 02/26/14 13:26
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47003-4
Matrix: Solid
Percent Solids: 81.6

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	3.4		2.5	0.62	mg/Kg	☼	02/28/14 10:00	03/03/14 14:30	1
Arsenic	6.8		0.62	0.28	mg/Kg	☼	02/28/14 10:00	03/03/14 14:30	1
Barium	69		1.2	0.20	mg/Kg	☼	02/28/14 10:00	03/03/14 14:30	1
Copper	78		2.5	0.62	mg/Kg	☼	02/28/14 10:00	03/03/14 14:30	1
Iron	8300		6.2	3.7	mg/Kg	☼	02/28/14 10:00	03/03/14 14:30	1
Lead	170		0.62	0.19	mg/Kg	☼	02/28/14 10:00	03/03/14 14:30	1

Client: SCS ES Consultants
Project/Site: Curtis Park - ROW Samples #3 NW 20th St

TestAmerica Job ID: 640-47001-1

Client Sample ID: SB-78 (0.5-1)
Date Collected: 02/26/14 13:28
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47003-5
Matrix: Solid
Percent Solids: 83.1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	6.2		2.5	0.61	mg/Kg	☼	02/28/14 10:00	03/03/14 14:34	1
Arsenic	12		0.61	0.28	mg/Kg	☼	02/28/14 10:00	03/03/14 14:34	1
Barium	130		1.2	0.20	mg/Kg	☼	02/28/14 10:00	03/03/14 14:34	1
Copper	80		2.5	0.61	mg/Kg	☼	02/28/14 10:00	03/03/14 14:34	1
Iron	11000		6.1	3.7	mg/Kg	☼	02/28/14 10:00	03/03/14 14:34	1
Lead	220		0.61	0.18	mg/Kg	☼	02/28/14 10:00	03/03/14 14:34	1

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park - ROW Samples #3 NW 20th St

TestAmerica Job ID: 640-47001-1

Client Sample ID: SB-78 (1-2)
Date Collected: 02/26/14 13:30
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47003-6
Matrix: Solid
Percent Solids: 83.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	4.7		2.4	0.59	mg/Kg	☼	02/28/14 10:00	03/03/14 14:38	1
Arsenic	12		0.59	0.27	mg/Kg	☼	02/28/14 10:00	03/03/14 14:38	1
Barium	82		1.2	0.19	mg/Kg	☼	02/28/14 10:00	03/03/14 14:38	1
Copper	100		2.4	0.59	mg/Kg	☼	02/28/14 10:00	03/03/14 14:38	1
Iron	6300		5.9	3.5	mg/Kg	☼	02/28/14 10:00	03/03/14 14:38	1
Lead	180		0.59	0.18	mg/Kg	☼	02/28/14 10:00	03/03/14 14:38	1

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park - ROW Samples #3 NW 20th St

TestAmerica Job ID: 640-47001-1

Client Sample ID: SB-79 (0-0.5)
Date Collected: 02/26/14 13:40
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47003-7
Matrix: Solid
Percent Solids: 86.7

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	9.2		6.8	1.7	mg/Kg	☼	02/28/14 10:00	03/04/14 07:50	3
Arsenic	29		1.7	0.79	mg/Kg	☼	02/28/14 10:00	03/04/14 07:50	3
Barium	350		3.4	0.55	mg/Kg	☼	02/28/14 10:00	03/04/14 07:50	3
Copper	260		6.8	1.7	mg/Kg	☼	02/28/14 10:00	03/04/14 07:50	3
Iron	37000		17	10	mg/Kg	☼	02/28/14 10:00	03/04/14 07:50	3
Lead	780		1.7	0.51	mg/Kg	☼	02/28/14 10:00	03/04/14 07:50	3

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park - ROW Samples #3 NW 20th St

TestAmerica Job ID: 640-47001-1

Client Sample ID: SB-79 (0.5-1)
Date Collected: 02/26/14 13:42
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47003-8
Matrix: Solid
Percent Solids: 86.3

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	13		6.9	1.7	mg/Kg	☼	02/28/14 10:00	03/04/14 07:54	3
Arsenic	24		1.7	0.80	mg/Kg	☼	02/28/14 10:00	03/04/14 07:54	3
Barium	390		3.5	0.56	mg/Kg	☼	02/28/14 10:00	03/04/14 07:54	3
Copper	370		6.9	1.7	mg/Kg	☼	02/28/14 10:00	03/04/14 07:54	3
Iron	39000		17	10	mg/Kg	☼	02/28/14 10:00	03/04/14 07:54	3
Lead	1200		1.7	0.52	mg/Kg	☼	02/28/14 10:00	03/04/14 07:54	3

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park - ROW Samples #3 NW 20th St

TestAmerica Job ID: 640-47001-1

Client Sample ID: SB-79 (1-1.5)
Date Collected: 02/26/14 13:44
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47003-9
Matrix: Solid
Percent Solids: 89.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	7.1		2.2	0.56	mg/Kg	☼	02/28/14 10:00	03/03/14 14:55	1
Arsenic	13		0.56	0.26	mg/Kg	☼	02/28/14 10:00	03/03/14 14:55	1
Barium	250		1.1	0.18	mg/Kg	☼	02/28/14 10:00	03/03/14 14:55	1
Copper	300		2.2	0.56	mg/Kg	☼	02/28/14 10:00	03/03/14 14:55	1
Iron	20000		5.6	3.3	mg/Kg	☼	02/28/14 10:00	03/03/14 14:55	1
Lead	530		0.56	0.17	mg/Kg	☼	02/28/14 10:00	03/03/14 14:55	1

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park - ROW Samples #3 NW 20th St

TestAmerica Job ID: 640-47001-1

Client Sample ID: SB-80 (0-0.5)
Date Collected: 02/26/14 13:50
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47003-10
Matrix: Solid
Percent Solids: 81.9

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	29		12	3.1	mg/Kg	☼	02/28/14 10:00	03/04/14 07:57	5
Arsenic	35		3.1	1.4	mg/Kg	☼	02/28/14 10:00	03/04/14 07:57	5
Barium	480		6.2	1.0	mg/Kg	☼	02/28/14 10:00	03/04/14 07:57	5
Copper	440		12	3.1	mg/Kg	☼	02/28/14 10:00	03/04/14 07:57	5
Iron	69000		31	19	mg/Kg	☼	02/28/14 10:00	03/04/14 07:57	5
Lead	3000		3.1	0.93	mg/Kg	☼	02/28/14 10:00	03/04/14 07:57	5

Client: SCS ES Consultants
Project/Site: Curtis Park - ROW Samples #3 NW 20th St

TestAmerica Job ID: 640-47001-1

Client Sample ID: SB-80 (0.5-1)
Date Collected: 02/26/14 13:52
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47003-11
Matrix: Solid
Percent Solids: 85.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	170		12	3.0	mg/Kg	☼	02/28/14 10:00	03/04/14 08:00	5
Arsenic	33		3.0	1.4	mg/Kg	☼	02/28/14 10:00	03/04/14 08:00	5
Barium	500		6.1	0.97	mg/Kg	☼	02/28/14 10:00	03/04/14 08:00	5
Copper	760		12	3.0	mg/Kg	☼	02/28/14 10:00	03/04/14 08:00	5
Iron	71000		30	18	mg/Kg	☼	02/28/14 10:00	03/04/14 08:00	5
Lead	1300		3.0	0.91	mg/Kg	☼	02/28/14 10:00	03/04/14 08:00	5

Client: SCS ES Consultants
Project/Site: Curtis Park - ROW Samples #3 NW 20th St

TestAmerica Job ID: 640-47001-1

Client Sample ID: SB-80 (1-2)
Date Collected: 02/26/14 13:54
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47003-12
Matrix: Solid
Percent Solids: 86.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	5.2		2.3	0.58	mg/Kg	☼	02/28/14 10:00	03/03/14 15:07	1
Arsenic	11		0.58	0.26	mg/Kg	☼	02/28/14 10:00	03/03/14 15:07	1
Barium	200		1.2	0.18	mg/Kg	☼	02/28/14 10:00	03/03/14 15:07	1
Copper	120		2.3	0.58	mg/Kg	☼	02/28/14 10:00	03/03/14 15:07	1
Iron	17000		5.8	3.5	mg/Kg	☼	02/28/14 10:00	03/03/14 15:07	1
Lead	340		0.58	0.17	mg/Kg	☼	02/28/14 10:00	03/03/14 15:07	1

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 660-146580/1-A
Matrix: Solid
Analysis Batch: 146626

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 146580

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.50	U	2.0	0.50	mg/Kg		02/28/14 10:00	03/03/14 08:44	1
Arsenic	0.23	U	0.50	0.23	mg/Kg		02/28/14 10:00	03/03/14 08:44	1
Barium	0.16	U	1.0	0.16	mg/Kg		02/28/14 10:00	03/03/14 08:44	1
Copper	0.50	U	2.0	0.50	mg/Kg		02/28/14 10:00	03/03/14 08:44	1
Iron	3.0	U	5.0	3.0	mg/Kg		02/28/14 10:00	03/03/14 08:44	1
Lead	0.15	U	0.50	0.15	mg/Kg		02/28/14 10:00	03/03/14 08:44	1

Lab Sample ID: LCS 660-146580/2-A
Matrix: Solid
Analysis Batch: 146626

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 146580

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	50.0	50.2		mg/Kg		100	75 - 125
Arsenic	50.0	50.6		mg/Kg		101	75 - 125
Barium	50.0	51.4		mg/Kg		103	75 - 125
Copper	50.0	52.7		mg/Kg		105	75 - 125
Iron	50.0	53.3		mg/Kg		107	75 - 125
Lead	50.0	51.5		mg/Kg		103	75 - 125

Lab Sample ID: 640-47001-1 MS
Matrix: Solid
Analysis Batch: 146626

Client Sample ID: SB-81 (0-0.5)
Prep Type: Total/NA
Prep Batch: 146580

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	3.3		55.6	55.7		mg/Kg	☼	94	75 - 125
Arsenic	5.7		55.6	61.9		mg/Kg	☼	101	75 - 125
Barium	110		55.6	186	J3	mg/Kg	☼	138	75 - 125
Copper	110		55.6	188	J3	mg/Kg	☼	145	75 - 125
Iron	11000		55.6	9770	J3	mg/Kg	☼	-1540	75 - 125
Lead	420		55.6	572	J3	mg/Kg	☼	279	75 - 125

Lab Sample ID: 640-47001-1 MSD
Matrix: Solid
Analysis Batch: 146626

Client Sample ID: SB-81 (0-0.5)
Prep Type: Total/NA
Prep Batch: 146580

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	3.3		55.1	53.3		mg/Kg	☼	91	75 - 125	4	20
Arsenic	5.7		55.1	60.8		mg/Kg	☼	100	75 - 125	2	20
Barium	110		55.1	194	J3	mg/Kg	☼	153	75 - 125	4	20
Copper	110		55.1	179	J3	mg/Kg	☼	131	75 - 125	5	20
Iron	11000		55.1	11900	J3	mg/Kg	☼	2340	75 - 125	20	20
Lead	420		55.1	524	J3	mg/Kg	☼	194	75 - 125	9	20

Lab Sample ID: MB 660-146581/1-A
Matrix: Solid
Analysis Batch: 146626

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 146581

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.50	U	2.0	0.50	mg/Kg		02/28/14 10:00	03/03/14 14:06	1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: MB 660-146581/1-A
Matrix: Solid
Analysis Batch: 146626

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 146581

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.23	U	0.50	0.23	mg/Kg		02/28/14 10:00	03/03/14 14:06	1
Barium	0.16	U	1.0	0.16	mg/Kg		02/28/14 10:00	03/03/14 14:06	1
Copper	0.50	U	2.0	0.50	mg/Kg		02/28/14 10:00	03/03/14 14:06	1
Iron	3.0	U	5.0	3.0	mg/Kg		02/28/14 10:00	03/03/14 14:06	1
Lead	0.15	U	0.50	0.15	mg/Kg		02/28/14 10:00	03/03/14 14:06	1

Lab Sample ID: LCS 660-146581/2-A
Matrix: Solid
Analysis Batch: 146626

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 146581

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	50.0	50.5		mg/Kg		101	75 - 125
Arsenic	50.0	51.5		mg/Kg		103	75 - 125
Barium	50.0	51.5		mg/Kg		103	75 - 125
Copper	50.0	51.4		mg/Kg		103	75 - 125
Iron	50.0	53.1		mg/Kg		106	75 - 125
Lead	50.0	52.7		mg/Kg		105	75 - 125

Lab Sample ID: 640-47003-3 MS
Matrix: Solid
Analysis Batch: 146626

Client Sample ID: SB-77 (1-2)
Prep Type: Total/NA
Prep Batch: 146581

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	4.4		63.5	58.9		mg/Kg	☼	86	75 - 125
Arsenic	10		63.5	78.6		mg/Kg	☼	108	75 - 125
Barium	94		63.5	125	J3	mg/Kg	☼	50	75 - 125
Copper	71		63.5	146		mg/Kg	☼	117	75 - 125
Iron	6800		63.5	20600	J3	mg/Kg	☼	21712	75 - 125
Lead	170		63.5	221		mg/Kg	☼	86	75 - 125

Lab Sample ID: 640-47003-3 MSD
Matrix: Solid
Analysis Batch: 146626

Client Sample ID: SB-77 (1-2)
Prep Type: Total/NA
Prep Batch: 146581

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	4.4		61.7	62.0		mg/Kg	☼	93	75 - 125	5	20
Arsenic	10		61.7	74.1		mg/Kg	☼	104	75 - 125	6	20
Barium	94		61.7	134	J3	mg/Kg	☼	66	75 - 125	7	20
Copper	71		61.7	132		mg/Kg	☼	99	75 - 125	10	20
Iron	6800		61.7	5940	J3	mg/Kg	☼	-1335	75 - 125	110	20
Lead	170		61.7	195	J3	mg/Kg	☼	46	75 - 125	13	20

Metals

Prep Batch: 146580

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47001-1	SB-81 (0-0.5)	Total/NA	Solid	3050B	
640-47001-1 MS	SB-81 (0-0.5)	Total/NA	Solid	3050B	
640-47001-1 MSD	SB-81 (0-0.5)	Total/NA	Solid	3050B	
640-47001-2	SB-81 (0.5-1)	Total/NA	Solid	3050B	
640-47001-3	SB-81 (1-2)	Total/NA	Solid	3050B	
640-47003-1	SB-77 (0-0.5)	Total/NA	Solid	3050B	
640-47003-2	SB-77 (0.5-1)	Total/NA	Solid	3050B	
LCS 660-146580/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 660-146580/1-A	Method Blank	Total/NA	Solid	3050B	

Prep Batch: 146581

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47003-3	SB-77 (1-2)	Total/NA	Solid	3050B	
640-47003-3 MS	SB-77 (1-2)	Total/NA	Solid	3050B	
640-47003-3 MSD	SB-77 (1-2)	Total/NA	Solid	3050B	
640-47003-4	SB-78 (0-0.5)	Total/NA	Solid	3050B	
640-47003-5	SB-78 (0.5-1)	Total/NA	Solid	3050B	
640-47003-6	SB-78 (1-2)	Total/NA	Solid	3050B	
640-47003-7	SB-79 (0-0.5)	Total/NA	Solid	3050B	
640-47003-8	SB-79 (0.5-1)	Total/NA	Solid	3050B	
640-47003-9	SB-79 (1-1.5)	Total/NA	Solid	3050B	
640-47003-10	SB-80 (0-0.5)	Total/NA	Solid	3050B	
640-47003-11	SB-80 (0.5-1)	Total/NA	Solid	3050B	
640-47003-12	SB-80 (1-2)	Total/NA	Solid	3050B	
LCS 660-146581/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 660-146581/1-A	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 146626

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47001-1	SB-81 (0-0.5)	Total/NA	Solid	6010B	146580
640-47001-1 MS	SB-81 (0-0.5)	Total/NA	Solid	6010B	146580
640-47001-1 MSD	SB-81 (0-0.5)	Total/NA	Solid	6010B	146580
640-47001-2	SB-81 (0.5-1)	Total/NA	Solid	6010B	146580
640-47001-3	SB-81 (1-2)	Total/NA	Solid	6010B	146580
640-47003-1	SB-77 (0-0.5)	Total/NA	Solid	6010B	146580
640-47003-2	SB-77 (0.5-1)	Total/NA	Solid	6010B	146580
640-47003-3	SB-77 (1-2)	Total/NA	Solid	6010B	146581
640-47003-3 MS	SB-77 (1-2)	Total/NA	Solid	6010B	146581
640-47003-3 MSD	SB-77 (1-2)	Total/NA	Solid	6010B	146581
640-47003-4	SB-78 (0-0.5)	Total/NA	Solid	6010B	146581
640-47003-5	SB-78 (0.5-1)	Total/NA	Solid	6010B	146581
640-47003-6	SB-78 (1-2)	Total/NA	Solid	6010B	146581
640-47003-9	SB-79 (1-1.5)	Total/NA	Solid	6010B	146581
640-47003-12	SB-80 (1-2)	Total/NA	Solid	6010B	146581
LCS 660-146580/2-A	Lab Control Sample	Total/NA	Solid	6010B	146580
LCS 660-146581/2-A	Lab Control Sample	Total/NA	Solid	6010B	146581
MB 660-146580/1-A	Method Blank	Total/NA	Solid	6010B	146580
MB 660-146581/1-A	Method Blank	Total/NA	Solid	6010B	146581

Metals (Continued)

Analysis Batch: 146643

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47003-7	SB-79 (0-0.5)	Total/NA	Solid	6010B	146581
640-47003-8	SB-79 (0.5-1)	Total/NA	Solid	6010B	146581
640-47003-10	SB-80 (0-0.5)	Total/NA	Solid	6010B	146581
640-47003-11	SB-80 (0.5-1)	Total/NA	Solid	6010B	146581

General Chemistry

Analysis Batch: 146566

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47001-1	SB-81 (0-0.5)	Total/NA	Solid	Moisture	
640-47001-1 DU	SB-81 (0-0.5)	Total/NA	Solid	Moisture	
640-47001-2	SB-81 (0.5-1)	Total/NA	Solid	Moisture	
640-47001-3	SB-81 (1-2)	Total/NA	Solid	Moisture	
640-47003-1	SB-77 (0-0.5)	Total/NA	Solid	Moisture	
640-47003-2	SB-77 (0.5-1)	Total/NA	Solid	Moisture	
640-47003-3	SB-77 (1-2)	Total/NA	Solid	Moisture	
640-47003-4	SB-78 (0-0.5)	Total/NA	Solid	Moisture	
640-47003-5	SB-78 (0.5-1)	Total/NA	Solid	Moisture	
640-47003-6	SB-78 (1-2)	Total/NA	Solid	Moisture	
640-47003-7	SB-79 (0-0.5)	Total/NA	Solid	Moisture	
640-47003-8	SB-79 (0.5-1)	Total/NA	Solid	Moisture	
640-47003-9	SB-79 (1-1.5)	Total/NA	Solid	Moisture	
640-47003-10	SB-80 (0-0.5)	Total/NA	Solid	Moisture	
640-47003-11	SB-80 (0.5-1)	Total/NA	Solid	Moisture	
640-47003-12	SB-80 (1-2)	Total/NA	Solid	Moisture	

Lab Chronicle

Client: SCS ES Consultants
Project/Site: Curtis Park - ROW Samples #3 NW 20th St

TestAmerica Job ID: 640-47001-1

Client Sample ID: SB-81 (0-0.5)

Lab Sample ID: 640-47001-1
Date Collected: 02/26/14 13:50
Matrix: Solid
Date Received: 02/27/14 09:05
Percent Solids: 91.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146580	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		1	146626	03/03/14 08:54	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146566	02/28/14 05:52	AJG	TAL TAM

Client Sample ID: SB-81 (0.5-1)

Lab Sample ID: 640-47001-2
Date Collected: 02/26/14 13:52
Matrix: Solid
Date Received: 02/27/14 09:05
Percent Solids: 92.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146580	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		2	146626	03/03/14 10:29	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146566	02/28/14 05:52	AJG	TAL TAM

Client Sample ID: SB-81 (1-2)

Lab Sample ID: 640-47001-3
Date Collected: 02/26/14 13:54
Matrix: Solid
Date Received: 02/27/14 09:05
Percent Solids: 87.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146580	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		2	146626	03/03/14 10:33	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146566	02/28/14 05:52	AJG	TAL TAM

Client Sample ID: SB-77 (0-0.5)

Lab Sample ID: 640-47003-1
Date Collected: 02/26/14 13:14
Matrix: Solid
Date Received: 02/27/14 09:05
Percent Solids: 89.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146580	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		1	146626	03/03/14 10:22	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146566	02/28/14 06:20	AJG	TAL TAM

Client Sample ID: SB-77 (0.5-1)

Lab Sample ID: 640-47003-2
Date Collected: 02/26/14 13:16
Matrix: Solid
Date Received: 02/27/14 09:05
Percent Solids: 90.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146580	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		1	146626	03/03/14 10:26	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146566	02/28/14 06:20	AJG	TAL TAM

Lab Chronicle

Client: SCS ES Consultants
Project/Site: Curtis Park - ROW Samples #3 NW 20th St

TestAmerica Job ID: 640-47001-1

Client Sample ID: SB-77 (1-2)

Lab Sample ID: 640-47003-3
Date Collected: 02/26/14 13:18
Matrix: Solid
Date Received: 02/27/14 09:05
Percent Solids: 79.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146581	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		1	146626	03/03/14 14:16	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146566	02/28/14 06:20	AJG	TAL TAM

Client Sample ID: SB-78 (0-0.5)

Lab Sample ID: 640-47003-4
Date Collected: 02/26/14 13:26
Matrix: Solid
Date Received: 02/27/14 09:05
Percent Solids: 81.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146581	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		1	146626	03/03/14 14:30	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146566	02/28/14 06:20	AJG	TAL TAM

Client Sample ID: SB-78 (0.5-1)

Lab Sample ID: 640-47003-5
Date Collected: 02/26/14 13:28
Matrix: Solid
Date Received: 02/27/14 09:05
Percent Solids: 83.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146581	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		1	146626	03/03/14 14:34	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146566	02/28/14 06:20	AJG	TAL TAM

Client Sample ID: SB-78 (1-2)

Lab Sample ID: 640-47003-6
Date Collected: 02/26/14 13:30
Matrix: Solid
Date Received: 02/27/14 09:05
Percent Solids: 83.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146581	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		1	146626	03/03/14 14:38	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146566	02/28/14 06:20	AJG	TAL TAM

Client Sample ID: SB-79 (0-0.5)

Lab Sample ID: 640-47003-7
Date Collected: 02/26/14 13:40
Matrix: Solid
Date Received: 02/27/14 09:05
Percent Solids: 86.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146581	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		3	146643	03/04/14 07:50	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146566	02/28/14 06:56	AJG	TAL TAM

Lab Chronicle

Client: SCS ES Consultants
Project/Site: Curtis Park - ROW Samples #3 NW 20th St

TestAmerica Job ID: 640-47001-1

Client Sample ID: SB-79 (0.5-1)

Lab Sample ID: 640-47003-8

Date Collected: 02/26/14 13:42
Date Received: 02/27/14 09:05

Matrix: Solid
Percent Solids: 86.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146581	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		3	146643	03/04/14 07:54	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146566	02/28/14 06:56	AJG	TAL TAM

Client Sample ID: SB-79 (1-1.5)

Lab Sample ID: 640-47003-9

Date Collected: 02/26/14 13:44
Date Received: 02/27/14 09:05

Matrix: Solid
Percent Solids: 89.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146581	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		1	146626	03/03/14 14:55	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146566	02/28/14 06:56	AJG	TAL TAM

Client Sample ID: SB-80 (0-0.5)

Lab Sample ID: 640-47003-10

Date Collected: 02/26/14 13:50
Date Received: 02/27/14 09:05

Matrix: Solid
Percent Solids: 81.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146581	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		5	146643	03/04/14 07:57	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146566	02/28/14 06:56	AJG	TAL TAM

Client Sample ID: SB-80 (0.5-1)

Lab Sample ID: 640-47003-11

Date Collected: 02/26/14 13:52
Date Received: 02/27/14 09:05

Matrix: Solid
Percent Solids: 85.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146581	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		5	146643	03/04/14 08:00	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146566	02/28/14 06:56	AJG	TAL TAM

Client Sample ID: SB-80 (1-2)

Lab Sample ID: 640-47003-12

Date Collected: 02/26/14 13:54
Date Received: 02/27/14 09:05

Matrix: Solid
Percent Solids: 86.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146581	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		1	146626	03/03/14 15:07	GAF	TAL TAM
Total/NA	Analysis	Moisture		1	146566	02/28/14 06:56	AJG	TAL TAM

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: SCS ES Consultants
TestAmerica Job ID: 640-47001-1
Project/Site: Curtis Park - ROW Samples #3 NW 20th St

Laboratory: TestAmerica Tallahassee

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E81005	06-30-14
Georgia	State Program	4		06-30-14
Louisiana	NELAP	6	30663	06-30-14
New Jersey	NELAP	2	FL012	06-30-14
Texas	NELAP	6	T104704459-11-2	03-31-14 *
USDA	Federal		P330-08-00158	08-05-14

Laboratory: TestAmerica Tampa

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alabama	State Program	4	40610	06-30-14
Florida	NELAP	4	E84282	06-30-14
Georgia	State Program	4	905	06-30-14
USDA	Federal		P330-11-00177	04-20-14

* Expired certification is currently pending renewal and is considered valid.

Method Summary

Client: SCS ES Consultants
Project/Site: Curtis Park - ROW Samples #3 NW 20th St

TestAmerica Job ID: 640-47001-1

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL TAM
Moisture	Percent Moisture	EPA	TAL TAM

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Sample Summary

Client: SCS ES Consultants
Project/Site: Curtis Park - ROW Samples #3 NW 20th St

TestAmerica Job ID: 640-47001-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
640-47001-1	SB-81 (0-0.5)	Solid	02/26/14 13:50	02/27/14 09:05
640-47001-2	SB-81 (0.5-1)	Solid	02/26/14 13:52	02/27/14 09:05
640-47001-3	SB-81 (1-2)	Solid	02/26/14 13:54	02/27/14 09:05
640-47003-1	SB-77 (0-0.5)	Solid	02/26/14 13:14	02/27/14 09:05
640-47003-2	SB-77 (0.5-1)	Solid	02/26/14 13:16	02/27/14 09:05
640-47003-3	SB-77 (1-2)	Solid	02/26/14 13:18	02/27/14 09:05
640-47003-4	SB-78 (0-0.5)	Solid	02/26/14 13:26	02/27/14 09:05
640-47003-5	SB-78 (0.5-1)	Solid	02/26/14 13:28	02/27/14 09:05
640-47003-6	SB-78 (1-2)	Solid	02/26/14 13:30	02/27/14 09:05
640-47003-7	SB-79 (0-0.5)	Solid	02/26/14 13:40	02/27/14 09:05
640-47003-8	SB-79 (0.5-1)	Solid	02/26/14 13:42	02/27/14 09:05
640-47003-9	SB-79 (1-1.5)	Solid	02/26/14 13:44	02/27/14 09:05
640-47003-10	SB-80 (0-0.5)	Solid	02/26/14 13:50	02/27/14 09:05
640-47003-11	SB-80 (0.5-1)	Solid	02/26/14 13:52	02/27/14 09:05
640-47003-12	SB-80 (1-2)	Solid	02/26/14 13:54	02/27/14 09:05

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Tallahassee
2846 Industrial Plaza Drive
Tallahassee, FL 32301
phone 850.878.3994 fax

ROW Samples (NW 20 Street)

TestAmerica Laboratories, Inc.

3/4/2014

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Eddy Smith	Site Contact: Brittney Odom	Date:	COC No:
SCS Engineers	Tel/Fax:	Lab Contact: Amy Marks	Carrier:	____ of ____ COCs
7700 North Kendall Drive	**Analysis Turnaround Time**			Sampler:
Miami, Florida 33156	☐ CALENDAR DAYS ☐ WORKING DAYS			**For Lab Use Only:**
305.412.8185 Phone	TAT if different from Below ____			Walk-in Client:
305.412.8105 FAX	☐ 2 weeks			Lab Sampling:
Project Name: Curtis Park	☐ 1 week			Job / SDG No.: 640-47001
Site: 1901 NW 24th Ave, Miami, FL	☐ 2 days			
PO #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Metals 6010 (Sb, As, Ba, Cu, Pb, Fe)	Metals 6010/7471 (Cd, Cr, Hg, Se, Ag)	Dioxins (8290)	PCBs (8082)	Sample Specific Notes:
SB-81 (0-0.5)	26-Feb-14	13:50	C	So	2			X				
SB-81 (0.5-1)	"	13:52	C	So	2			X				
SB-81 (1-2)	"	13:54	C	So	2			X				

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for ____ Months

Special Instructions/QC Requirements & Comments:

Cooler Temp. (°C): Obs'd:____ Corr'd:____ Therm ID No.:____

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:				
Relinquished by:	Company: SCS	Date/Time: 2/26 1800	Received by:	Company:	Date/Time: 2-26-14 1530
Relinquished by:	Company:	Date/Time: 2-26-14 1800	Received by:	Company: FedEx	Date/Time: 2/27/14 9:05
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

4.3 deg-C

640-47001 Chain of Custody

TestAmerica Tallahassee
2846 Industrial Plaza Drive
Tallahassee, FL 32301
phone 850.878.3994 fax

Chain of Custody Record

ROW Samples #3 (NW. 20 Street)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

3/4/2014

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Eddy Smith	Site Contact: Brittney Odom	Date:	COC No:
SCS Engineers	Tel/Fax:	Lab Contact: Amy Marks	Carrier:	____ of ____ COCs
7700 North Kendall Drive	Analysis Turnaround Time			Sampler:
Miami, Florida 33156	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
305.412.8185 Phone	TAT if different from Below _____			Walk-in Client:
305.412.8105 FAX	☐ 2 weeks			Lab Sampling:
Project Name: Curtis Park	☐ 1 week			Job / SDG No.: 640-47003
Site: 1901 NW 24th Ave, Miami, FL	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Metals 6010 (Sb, As, Ba, Cu, Pb, Fe)	Metals 6010/7471 (Cd, Cr, Hg, Se, Ag)	Dioxins (8290)	PCBs (8082)	Sample Specific Notes:
SB-77 (0-0.5)	26-Feb-14	13:14	C	So	2			X				
SB-77 (0.5-1)	"	13:16	C	So	2			X				
SB-77 (1-2)	"	13:18	C	So	2			X				
SB-78 (0-0.5)	"	13:24	C	So	2			X				
SB-78 (0.5-1)	"	13:28	C	So	2			X				
SB-78 (1-2)	"	13:30	C	So	2			X				
SB-79 (0-0.5)	"	13:40	C	So	2			X				
SB-79 (0.5-1)	"	13:42	C	So	2			X				
SB-79 (1-1.5)	"	13:44	C	So	2			X				
SB-80 (0-0.5)	"	13:50	C	So	2			X				
SB-80 (0.5-1)	"	13:52	C	So	2			X				
SB-80 (1-2)	"	13:54	C	So	2			X				

640-47003 Chain of Custody

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4=HNO3, 5=NaOH, 6= Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ Therm ID No.: _____

	Company	Date/Time		Company	Date/Time
Relinquished by:	SCS	2/26/14 1800	Received by:		2-26-14 1530
Relinquished by:		2-26-14 1800	Received by:	TAT-RA	2/27/14 9:05
Relinquished by:			Received in Laboratory by:		

4.3°C CU-07

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tallahassee
2846 Industrial Plaza Drive
Tallahassee, FL 32301
Tel: (850)878-3994

TestAmerica Job ID: 640-46930-2
Client Project/Site: Curtis Park

For:
SCS ES Consultants
7700 N. Kendall Drive, Suite 300
Miami, Florida 33156

Attn: Mr. Bob Speed

Authorized for release by:
3/13/2014 5:11:47 PM

Amy Marks, Project Manager II
(850)878-3994
amy.marks@testamericainc.com

Table of Contents

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.
J1	Estimated value; value may not be accurate. Surrogate recovery outside of criteria.

Metals

Qualifier	Qualifier Description
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
U	Indicates that the compound was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 640-46930-2

Laboratory: TestAmerica Tallahassee

Narrative

Job Narrative
640-46930-2

Comments
No additional comments.

Receipt
The samples were received on 2/25/2014 9:00 AM, 2/26/2014 8:40 AM and 2/27/2014 9:05 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 23 coolers at receipt time were 2.0º C, 2.0º C, 4.3º C, 4.3º C, 4.4º C, 4.4º C, 4.4º C, 4.4º C, 4.7º C, 4.7º C, 4.7º C, 4.7º C, 4.9º C, 4.9º C, 4.9º C, 5.1º C, 5.1º C, 5.1º C, 5.7º C, 5.7º C, 5.7º C, 5.9º C and 5.9º C.

Method 6010B: The following samples were activated for Aluminum analysis by the client on 3/10/2014: SB-18 (0.5-1.5) (640-46968-2), SB-18 (0-0.5) (640-46968-1), SB-18 (1.5-2) (640-46968-3), SB-20 (0.5-2) (640-46968-7), SB-20 (0-0.5) (640-46968-6), SB-22 (0.5-1.5) (640-46968-11), SB-22 (0-0.5) (640-46968-10), SB-22 (1.5-2) (640-46968-12), SB-24 (0.5-2) (640-46968-16), SB-24 (0-0.5) (640-46968-15), SB-32 (0.5-1) (640-47006-2), SB-32 (0-0.5) (640-47006-1), SB-32 (1-2) (640-47006-3), SB-34 (0.5-1) (640-47006-8), SB-34 (0-0.5) (640-47006-7), SB-34 (1-2) (640-47006-9), SB-36 (0.5-1) (640-47005-2), SB-36 (0-0.5) (640-47005-1), SB-36 (1-2) (640-47005-3), SB-38 (0.5-1) (640-47005-8), SB-38 (0-0.5) (640-47005-7), SB-38 (1-2) (640-47005-9), SB-47 (0-1) (640-46976-1), SB-49 (0-0.5) (640-46975-3), SB-50 (0-0.5) (640-46934-1), SB-52 (0-2) (640-46934-6), SB-56 (0-2) (640-46934-17), SB-57 (0-2) (640-46934-20), SB-58 (0-0.5) (640-46932-1), SB-60 (0-0.5) (640-46932-5), SB-62 (0-2) (640-46932-10), SB-66 (0-2) (640-46974-4), SB-67 (0-2) (640-46974-7). Results are included in the attached report. All other metals results are reported under separate cover.

Method 8082A: The following samples were activated for PCB analysis by the client on 3/6/2014: SB-20 (0.5-2) (640-46968-7), SB-36 (1-2) (640-47005-3), SB-45 (1-2) (640-46930-19), SB-47 (1-2) (640-46976-2), SB-50 (1.5-2) (640-46934-3), SB-60 (0.5-2) (640-46932-6), SB-70 (1-2) (640-47004-6), SB-72 (0.5-1) (640-47002-2), SB-79 (0.5-1) (640-47003-8), SB-80 (0-0.5) (640-47003-10). Results for this method are included in the attached report. All other results are reported under separate cover.

GC Semi VOA
Method 8082A: Three surrogates are used for this analysis. The laboratory's SOP allows two of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following samples contained an allowable number of surrogate compounds outside limits: SB-32 (1-2) (640-47006-3), SB-45 (1-2) (640-46930-19). These results have been reported and qualified.

No other analytical or quality issues were noted, , other than those described in the Definitions/Glossary page.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-46930-2

Client Sample ID: SB-45 (1-2) — Lab Sample ID: 640-46930-19

No Detections.

Client Sample ID: SB-58 (0-0.5) — Lab Sample ID: 640-46932-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	3500		46	13	mg/Kg	2	☼	6010B	Total/NA

Client Sample ID: SB-60 (0-0.5) — Lab Sample ID: 640-46932-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	1400		24	6.9	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-60 (0.5-2) — Lab Sample ID: 640-46932-6

No Detections.

Client Sample ID: SB-62 (0-2) — Lab Sample ID: 640-46932-10

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	1400		20	5.9	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-50 (0-0.5) — Lab Sample ID: 640-46934-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	2500		24	6.9	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-50 (1.5-2) — Lab Sample ID: 640-46934-3

No Detections.

Client Sample ID: SB-52 (0-2) — Lab Sample ID: 640-46934-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	2000		24	6.9	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-56 (0-2) — Lab Sample ID: 640-46934-17

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	1300		23	6.5	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-57 (0-2) — Lab Sample ID: 640-46934-20

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	1200		23	6.6	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-18 (0-0.5) — Lab Sample ID: 640-46968-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	2500		29	8.5	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-18 (0.5-1.5) — Lab Sample ID: 640-46968-2

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-18 (0.5-1.5) (Continued) — Lab Sample ID: 640-46968-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	900		22	6.3	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-18 (1.5-2) — Lab Sample ID: 640-46968-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	1600		25	7.2	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-20 (0-0.5) — Lab Sample ID: 640-46968-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	2700		130	37	mg/Kg	5	☼	6010B	Total/NA

Client Sample ID: SB-20 (0.5-2) — Lab Sample ID: 640-46968-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	10000		120	35	mg/Kg	5	☼	6010B	Total/NA

Client Sample ID: SB-22 (0-0.5) — Lab Sample ID: 640-46968-10

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	1700		21	6.1	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-22 (0.5-1.5) — Lab Sample ID: 640-46968-11

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	1500		23	6.6	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-22 (1.5-2) — Lab Sample ID: 640-46968-12

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	1500		23	6.7	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-24 (0-0.5) — Lab Sample ID: 640-46968-15

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	4200		26	7.4	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-24 (0.5-2) — Lab Sample ID: 640-46968-16

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	6100		190	55	mg/Kg	8	☼	6010B	Total/NA

Client Sample ID: SB-27 (1.5-2) — Lab Sample ID: 640-46973-3

No Detections.

Client Sample ID: SB-66 (0-2) — Lab Sample ID: 640-46974-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	1300		21	6.0	mg/Kg	1	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-46930-2

Client Sample ID: SB-67 (0-2) — Lab Sample ID: 640-46974-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	1400		22	6.3	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-49 (0-0.5) — Lab Sample ID: 640-46975-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	2800		24	6.9	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-47 (0-1) — Lab Sample ID: 640-46976-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	1700		24	7.0	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-47 (1-2) — Lab Sample ID: 640-46976-2

No Detections.

Client Sample ID: SB-72 (0.5-1) — Lab Sample ID: 640-47002-2

No Detections.

Client Sample ID: SB-79 (0.5-1) — Lab Sample ID: 640-47003-8

No Detections.

Client Sample ID: SB-80 (0-0.5) — Lab Sample ID: 640-47003-10

No Detections.

Client Sample ID: SB-70 (1-2) — Lab Sample ID: 640-47004-6

No Detections.

Client Sample ID: SB-36 (0-0.5) — Lab Sample ID: 640-47005-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	1600		21	6.0	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-36 (0.5-1) — Lab Sample ID: 640-47005-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	2300		130	37	mg/Kg	5	☼	6010B	Total/NA

Client Sample ID: SB-36 (1-2) — Lab Sample ID: 640-47005-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	6100		140	39	mg/Kg	5	☼	6010B	Total/NA

Client Sample ID: SB-38 (0-0.5) — Lab Sample ID: 640-47005-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	2300		28	8.0	mg/Kg	1	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-46930-2

Client Sample ID: SB-38 (0.5-1) — Lab Sample ID: 640-47005-8

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	3400		120	34	mg/Kg	5	☼	6010B	Total/NA

Client Sample ID: SB-38 (1-2) — Lab Sample ID: 640-47005-9

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	4600		230	68	mg/Kg	10	☼	6010B	Total/NA

Client Sample ID: SB-32 (0-0.5) — Lab Sample ID: 640-47006-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	1100		23	6.7	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-32 (0.5-1) — Lab Sample ID: 640-47006-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	960		21	6.2	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-32 (1-2) — Lab Sample ID: 640-47006-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	5600		120	33	mg/Kg	5	☼	6010B	Total/NA

Client Sample ID: SB-34 (0-0.5) — Lab Sample ID: 640-47006-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	860		21	6.1	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-34 (0.5-1) — Lab Sample ID: 640-47006-8

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	2200		22	6.5	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-34 (1-2) — Lab Sample ID: 640-47006-9

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	2100		42	12	mg/Kg	2	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-46930-2

Client Sample ID: SB-45 (1-2)
Date Collected: 02/24/14 13:19
Date Received: 02/25/14 09:00

Lab Sample ID: 640-46930-19
Matrix: Solid
Percent Solids: 79.9

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.0072	U	0.041	0.0072	mg/Kg	☼	02/26/14 15:37	03/12/14 10:33	1
PCB-1221	0.021	U	0.084	0.021	mg/Kg	☼	02/26/14 15:37	03/12/14 10:33	1
PCB-1232	0.013	U	0.041	0.013	mg/Kg	☼	02/26/14 15:37	03/12/14 10:33	1
PCB-1242	0.010	U	0.041	0.010	mg/Kg	☼	02/26/14 15:37	03/12/14 10:33	1
PCB-1248	0.014	U	0.041	0.014	mg/Kg	☼	02/26/14 15:37	03/12/14 10:33	1
PCB-1254	0.012	U	0.041	0.012	mg/Kg	☼	02/26/14 15:37	03/12/14 10:33	1
PCB-1260	0.0059	U	0.041	0.0059	mg/Kg	☼	02/26/14 15:37	03/12/14 10:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*44*		*30 - 129*	*02/26/14 15:37*	*03/12/14 10:33*	*1*
Dibutylchlorendate	*14*	*J1*	*30 - 130*	*02/26/14 15:37*	*03/12/14 10:33*	*1*
DCB Decachlorobiphenyl	*44*		*30 - 138*	*02/26/14 15:37*	*03/12/14 10:33*	*1*

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-46930-2

Client Sample ID: SB-58 (0-0.5)
Date Collected: 02/24/14 09:15
Date Received: 02/25/14 09:00

Lab Sample ID: 640-46932-1
Matrix: Solid
Percent Solids: 87.9

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3500		46	13	mg/Kg	☼	02/26/14 07:21	02/27/14 10:26	2

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-46930-2

Client Sample ID: SB-60 (0-0.5)
Date Collected: 02/24/14 09:45
Date Received: 02/25/14 09:00

Lab Sample ID: 640-46932-5
Matrix: Solid
Percent Solids: 85.8

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	1400		24	6.9	mg/Kg	☼	02/26/14 07:21	02/27/14 09:14	1

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-46930-2

Client Sample ID: SB-60 (0.5-2)
Date Collected: 02/24/14 09:48
Date Received: 02/25/14 09:00

Lab Sample ID: 640-46932-6
Matrix: Solid
Percent Solids: 89.8

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.0062	U	0.036	0.0062	mg/Kg	☼	03/10/14 05:53	03/12/14 17:10	1
PCB-1221	0.019	U	0.073	0.019	mg/Kg	☼	03/10/14 05:53	03/12/14 17:10	1
PCB-1232	0.011	U	0.036	0.011	mg/Kg	☼	03/10/14 05:53	03/12/14 17:10	1
PCB-1242	0.0091	U	0.036	0.0091	mg/Kg	☼	03/10/14 05:53	03/12/14 17:10	1
PCB-1248	0.012	U	0.036	0.012	mg/Kg	☼	03/10/14 05:53	03/12/14 17:10	1
PCB-1254	0.010	U	0.036	0.010	mg/Kg	☼	03/10/14 05:53	03/12/14 17:10	1
PCB-1260	0.0051	U	0.036	0.0051	mg/Kg	☼	03/10/14 05:53	03/12/14 17:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*86*		*30 - 129*	*03/10/14 05:53*	*03/12/14 17:10*	*1*
Dibutylchlorendate	*55*		*30 - 130*	*03/10/14 05:53*	*03/12/14 17:10*	*1*
DCB Decachlorobiphenyl	*47*		*30 - 138*	*03/10/14 05:53*	*03/12/14 17:10*	*1*

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-46930-2

Client Sample ID: SB-62 (0-2)
Date Collected: 02/24/14 10:06
Date Received: 02/25/14 09:00

Lab Sample ID: 640-46932-10
Matrix: Solid
Percent Solids: 95.2

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	1400		20	5.9	mg/Kg	☼	02/26/14 07:21	02/27/14 09:32	1

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-46930-2

Client Sample ID: SB-50 (0-0.5)
Date Collected: 02/24/14 11:20
Date Received: 02/25/14 09:00

Lab Sample ID: 640-46934-1
Matrix: Solid
Percent Solids: 84.8

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	2500		24	6.9	mg/Kg	☼	02/26/14 07:21	02/27/14 09:53	1

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-46930-2

Client Sample ID: SB-50 (1.5-2)
Date Collected: 02/24/14 11:26
Date Received: 02/25/14 09:00

Lab Sample ID: 640-46934-3
Matrix: Solid
Percent Solids: 85.7

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.0067	U	0.039	0.0067	mg/Kg	☼	03/10/14 05:53	03/12/14 15:23	1
PCB-1221	0.020	U	0.079	0.020	mg/Kg	☼	03/10/14 05:53	03/12/14 15:23	1
PCB-1232	0.012	U	0.039	0.012	mg/Kg	☼	03/10/14 05:53	03/12/14 15:23	1
PCB-1242	0.0098	U	0.039	0.0098	mg/Kg	☼	03/10/14 05:53	03/12/14 15:23	1
PCB-1248	0.013	U	0.039	0.013	mg/Kg	☼	03/10/14 05:53	03/12/14 15:23	1
PCB-1254	0.011	U	0.039	0.011	mg/Kg	☼	03/10/14 05:53	03/12/14 15:23	1
PCB-1260	0.0055	U	0.039	0.0055	mg/Kg	☼	03/10/14 05:53	03/12/14 15:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*55*		*30 - 129*	*03/10/14 05:53*	*03/12/14 15:23*	*1*
Dibutylchlorendate	*92*		*30 - 130*	*03/10/14 05:53*	*03/12/14 15:23*	*1*
DCB Decachlorobiphenyl	*74*		*30 - 138*	*03/10/14 05:53*	*03/12/14 15:23*	*1*

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-46930-2

Client Sample ID: SB-52 (0-2)
Date Collected: 02/24/14 11:40
Date Received: 02/25/14 09:00

Lab Sample ID: 640-46934-6
Matrix: Solid
Percent Solids: 84.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	2000		24	6.9	mg/Kg	☼	02/26/14 07:21	02/27/14 10:19	1

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-46930-2

Client Sample ID: SB-56 (0-2)
Date Collected: 02/24/14 12:30
Date Received: 02/25/14 09:00

Lab Sample ID: 640-46934-17
Matrix: Solid
Percent Solids: 86.3

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	1300		23	6.5	mg/Kg	☼	02/26/14 08:00	02/26/14 13:37	1

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-46930-2

Client Sample ID: SB-57 (0-2)
Date Collected: 02/24/14 12:42
Date Received: 02/25/14 09:00

Lab Sample ID: 640-46934-20
Matrix: Solid
Percent Solids: 86.4

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	1200		23	6.6	mg/Kg	☼	02/26/14 08:00	02/26/14 13:41	1

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-46930-2

Client Sample ID: SB-18 (0-0.5)
Date Collected: 02/25/14 10:02
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46968-1
Matrix: Solid
Percent Solids: 70.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	2500		29	8.5	mg/Kg	☼	02/27/14 09:30	02/28/14 09:12	1

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-46930-2

Client Sample ID: SB-18 (0.5-1.5)
Date Collected: 02/25/14 10:04
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46968-2
Matrix: Solid
Percent Solids: 91.6

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	900		22	6.3	mg/Kg	☼	02/27/14 09:30	02/28/14 09:15	1

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-46930-2

Client Sample ID: SB-18 (1.5-2)
Date Collected: 02/25/14 10:06
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46968-3
Matrix: Solid
Percent Solids: 83.2

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	1600		25	7.2	mg/Kg	☼	02/27/14 09:30	02/28/14 09:26	1

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-46930-2

Client Sample ID: SB-20 (0-0.5)
Date Collected: 02/25/14 11:45
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46968-6
Matrix: Solid
Percent Solids: 78.9

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	2700		130	37	mg/Kg	☼	02/27/14 09:30	02/28/14 10:38	5

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-46930-2

Client Sample ID: SB-20 (0.5-2)
Date Collected: 02/25/14 11:47
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46968-7
Matrix: Solid
Percent Solids: 82.9

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.0068	U	0.040	0.0068	mg/Kg	☼	03/10/14 05:53	03/12/14 18:12	1
PCB-1221	0.020	U	0.080	0.020	mg/Kg	☼	03/10/14 05:53	03/12/14 18:12	1
PCB-1232	0.012	U	0.040	0.012	mg/Kg	☼	03/10/14 05:53	03/12/14 18:12	1
PCB-1242	0.010	U	0.040	0.010	mg/Kg	☼	03/10/14 05:53	03/12/14 18:12	1
PCB-1248	0.013	U	0.040	0.013	mg/Kg	☼	03/10/14 05:53	03/12/14 18:12	1
PCB-1254	0.011	U	0.040	0.011	mg/Kg	☼	03/10/14 05:53	03/12/14 18:12	1
PCB-1260	0.0056	U	0.040	0.0056	mg/Kg	☼	03/10/14 05:53	03/12/14 18:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*62*		*30 - 129*	*03/10/14 05:53*	*03/12/14 18:12*	*1*
Dibutylchlorendate	*42*		*30 - 130*	*03/10/14 05:53*	*03/12/14 18:12*	*1*
DCB Decachlorobiphenyl	*44*		*30 - 138*	*03/10/14 05:53*	*03/12/14 18:12*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**10000**		120	35	mg/Kg	☼	02/27/14 09:30	02/28/14 10:41	5

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-46930-2

Client Sample ID: SB-22 (0-0.5)
Date Collected: 02/25/14 09:48
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46968-10
Matrix: Solid
Percent Solids: 93.6

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	1700		21	6.1	mg/Kg	☼	02/27/14 09:30	02/28/14 09:51	1

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-46930-2

Client Sample ID: SB-22 (0.5-1.5)
Date Collected: 02/25/14 09:50
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46968-11
Matrix: Solid
Percent Solids: 87.4

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	1500		23	6.6	mg/Kg	☼	02/27/14 09:30	02/28/14 09:55	1

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-46930-2

Client Sample ID: SB-22 (1.5-2)
Date Collected: 02/25/14 09:52
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46968-12
Matrix: Solid
Percent Solids: 83.6

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	1500		23	6.7	mg/Kg	☼	02/27/14 09:30	02/28/14 09:59	1

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-46930-2

Client Sample ID: SB-24 (0-0.5)
Date Collected: 02/25/14 11:40
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46968-15
Matrix: Solid
Percent Solids: 80.5

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4200		26	7.4	mg/Kg	☼	02/27/14 09:30	02/28/14 10:16	1

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-46930-2

Client Sample ID: SB-24 (0.5-2)
Date Collected: 02/25/14 11:42
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46968-16
Matrix: Solid
Percent Solids: 82.4

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6100		190	55	mg/Kg	☼	02/27/14 09:30	02/28/14 12:46	8

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-46930-2

Client Sample ID: SB-27 (1.5-2)
Date Collected: 02/25/14 10:31
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46973-3
Matrix: Solid
Percent Solids: 75.2

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.0076	U	0.044	0.0076	mg/Kg	☼	03/10/14 05:53	03/12/14 17:56	1
PCB-1221	0.023	U	0.089	0.023	mg/Kg	☼	03/10/14 05:53	03/12/14 17:56	1
PCB-1232	0.013	U	0.044	0.013	mg/Kg	☼	03/10/14 05:53	03/12/14 17:56	1
PCB-1242	0.011	U	0.044	0.011	mg/Kg	☼	03/10/14 05:53	03/12/14 17:56	1
PCB-1248	0.015	U	0.044	0.015	mg/Kg	☼	03/10/14 05:53	03/12/14 17:56	1
PCB-1254	0.012	U	0.044	0.012	mg/Kg	☼	03/10/14 05:53	03/12/14 17:56	1
PCB-1260	0.0062	U	0.044	0.0062	mg/Kg	☼	03/10/14 05:53	03/12/14 17:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*36*		*30 - 129*	*03/10/14 05:53*	*03/12/14 17:56*	*1*
Dibutylchlorendate	*55*		*30 - 130*	*03/10/14 05:53*	*03/12/14 17:56*	*1*
DCB Decachlorobiphenyl	*43*		*30 - 138*	*03/10/14 05:53*	*03/12/14 17:56*	*1*

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-46930-2

Client Sample ID: SB-66 (0-2)
Date Collected: 02/25/14 09:35
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46974-4
Matrix: Solid
Percent Solids: 94.5

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	1300		21	6.0	mg/Kg	☼	02/27/14 08:30	02/28/14 12:36	1

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-46930-2

Client Sample ID: SB-67 (0-2)
Date Collected: 02/25/14 09:28
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46974-7
Matrix: Solid
Percent Solids: 88.9

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	1400		22	6.3	mg/Kg	☼	02/27/14 08:30	02/28/14 12:39	1

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-46930-2

Client Sample ID: SB-49 (0-0.5)
Date Collected: 02/25/14 13:52
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46975-3
Matrix: Solid
Percent Solids: 87.1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	2800		24	6.9	mg/Kg	☼	03/03/14 07:00	03/03/14 12:07	1

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-46930-2

Client Sample ID: SB-47 (0-1)
Date Collected: 02/25/14 14:00
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46976-1
Matrix: Solid
Percent Solids: 82.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	1700		24	7.0	mg/Kg	☼	03/03/14 07:00	03/03/14 12:21	1

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-46930-2

Client Sample ID: SB-47 (1-2)
Date Collected: 02/25/14 14:02
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46976-2
Matrix: Solid
Percent Solids: 90.8

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.0062	U	0.036	0.0062	mg/Kg	☼	03/10/14 05:53	03/12/14 15:07	1
PCB-1221	0.018	U	0.072	0.018	mg/Kg	☼	03/10/14 05:53	03/12/14 15:07	1
PCB-1232	0.011	U	0.036	0.011	mg/Kg	☼	03/10/14 05:53	03/12/14 15:07	1
PCB-1242	0.0090	U	0.036	0.0090	mg/Kg	☼	03/10/14 05:53	03/12/14 15:07	1
PCB-1248	0.012	U	0.036	0.012	mg/Kg	☼	03/10/14 05:53	03/12/14 15:07	1
PCB-1254	0.0099	U	0.036	0.0099	mg/Kg	☼	03/10/14 05:53	03/12/14 15:07	1
PCB-1260	0.0051	U	0.036	0.0051	mg/Kg	☼	03/10/14 05:53	03/12/14 15:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*52*		*30 - 129*	*03/10/14 05:53*	*03/12/14 15:07*	*1*
Dibutylchlorendate	*95*		*30 - 130*	*03/10/14 05:53*	*03/12/14 15:07*	*1*
DCB Decachlorobiphenyl	*73*		*30 - 138*	*03/10/14 05:53*	*03/12/14 15:07*	*1*

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-46930-2

Client Sample ID: SB-72 (0.5-1)
Date Collected: 02/26/14 10:20
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47002-2
Matrix: Solid
Percent Solids: 91.0

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.0063	U	0.036	0.0063	mg/Kg	☼	03/10/14 05:53	03/12/14 16:24	1
PCB-1221	0.019	U	0.074	0.019	mg/Kg	☼	03/10/14 05:53	03/12/14 16:24	1
PCB-1232	0.011	U	0.036	0.011	mg/Kg	☼	03/10/14 05:53	03/12/14 16:24	1
PCB-1242	0.0092	U	0.036	0.0092	mg/Kg	☼	03/10/14 05:53	03/12/14 16:24	1
PCB-1248	0.012	U	0.036	0.012	mg/Kg	☼	03/10/14 05:53	03/12/14 16:24	1
PCB-1254	0.010	U	0.036	0.010	mg/Kg	☼	03/10/14 05:53	03/12/14 16:24	1
PCB-1260	0.0052	U	0.036	0.0052	mg/Kg	☼	03/10/14 05:53	03/12/14 16:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*56*		*30 - 129*	*03/10/14 05:53*	*03/12/14 16:24*	*1*
Dibutylchlorendate	*65*		*30 - 130*	*03/10/14 05:53*	*03/12/14 16:24*	*1*
DCB Decachlorobiphenyl	*55*		*30 - 138*	*03/10/14 05:53*	*03/12/14 16:24*	*1*

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-46930-2

Client Sample ID: SB-79 (0.5-1)
Date Collected: 02/26/14 13:42
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47003-8
Matrix: Solid
Percent Solids: 86.3

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.0067	U	0.039	0.0067	mg/Kg	☼	03/10/14 05:53	03/12/14 16:55	1
PCB-1221	0.020	U	0.079	0.020	mg/Kg	☼	03/10/14 05:53	03/12/14 16:55	1
PCB-1232	0.012	U	0.039	0.012	mg/Kg	☼	03/10/14 05:53	03/12/14 16:55	1
PCB-1242	0.0098	U	0.039	0.0098	mg/Kg	☼	03/10/14 05:53	03/12/14 16:55	1
PCB-1248	0.013	U	0.039	0.013	mg/Kg	☼	03/10/14 05:53	03/12/14 16:55	1
PCB-1254	0.011	U	0.039	0.011	mg/Kg	☼	03/10/14 05:53	03/12/14 16:55	1
PCB-1260	0.0055	U	0.039	0.0055	mg/Kg	☼	03/10/14 05:53	03/12/14 16:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*79*		*30 - 129*	*03/10/14 05:53*	*03/12/14 16:55*	*1*
Dibutylchlorendate	*49*		*30 - 130*	*03/10/14 05:53*	*03/12/14 16:55*	*1*
DCB Decachlorobiphenyl	*91*		*30 - 138*	*03/10/14 05:53*	*03/12/14 16:55*	*1*

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-46930-2

Client Sample ID: SB-80 (0-0.5)
Date Collected: 02/26/14 13:50
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47003-10
Matrix: Solid
Percent Solids: 81.9

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.0070	U	0.040	0.0070	mg/Kg	☼	03/10/14 05:53	03/12/14 16:39	1
PCB-1221	0.021	U	0.082	0.021	mg/Kg	☼	03/10/14 05:53	03/12/14 16:39	1
PCB-1232	0.012	U	0.040	0.012	mg/Kg	☼	03/10/14 05:53	03/12/14 16:39	1
PCB-1242	0.010	U	0.040	0.010	mg/Kg	☼	03/10/14 05:53	03/12/14 16:39	1
PCB-1248	0.013	U	0.040	0.013	mg/Kg	☼	03/10/14 05:53	03/12/14 16:39	1
PCB-1254	0.011	U	0.040	0.011	mg/Kg	☼	03/10/14 05:53	03/12/14 16:39	1
PCB-1260	0.0057	U	0.040	0.0057	mg/Kg	☼	03/10/14 05:53	03/12/14 16:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*85*		*30 - 129*	*03/10/14 05:53*	*03/12/14 16:39*	*1*
Dibutylchlorendate	*69*		*30 - 130*	*03/10/14 05:53*	*03/12/14 16:39*	*1*
DCB Decachlorobiphenyl	*59*		*30 - 138*	*03/10/14 05:53*	*03/12/14 16:39*	*1*

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-46930-2

Client Sample ID: SB-70 (1-2)
Date Collected: 02/26/14 12:14
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47004-6
Matrix: Solid
Percent Solids: 65.7

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.0086	U	0.050	0.0086	mg/Kg	☼	03/10/14 05:53	03/12/14 15:53	1
PCB-1221	0.026	U	0.10	0.026	mg/Kg	☼	03/10/14 05:53	03/12/14 15:53	1
PCB-1232	0.015	U	0.050	0.015	mg/Kg	☼	03/10/14 05:53	03/12/14 15:53	1
PCB-1242	0.013	U	0.050	0.013	mg/Kg	☼	03/10/14 05:53	03/12/14 15:53	1
PCB-1248	0.017	U	0.050	0.017	mg/Kg	☼	03/10/14 05:53	03/12/14 15:53	1
PCB-1254	0.014	U	0.050	0.014	mg/Kg	☼	03/10/14 05:53	03/12/14 15:53	1
PCB-1260	0.0071	U	0.050	0.0071	mg/Kg	☼	03/10/14 05:53	03/12/14 15:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*30*		*30 - 129*	*03/10/14 05:53*	*03/12/14 15:53*	*1*
Dibutylchlorendate	*65*		*30 - 130*	*03/10/14 05:53*	*03/12/14 15:53*	*1*
DCB Decachlorobiphenyl	*57*		*30 - 138*	*03/10/14 05:53*	*03/12/14 15:53*	*1*

Client Sample Results

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-46930-2

Client Sample ID: SB-36 (0-0.5)
Date Collected: 02/26/14 09:53
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47005-1
Matrix: Solid
Percent Solids: 95.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	1600		21	6.0	mg/Kg	☼	02/28/14 10:00	03/03/14 16:05	1

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-46930-2

Client Sample ID: SB-36 (0.5-1)
Date Collected: 02/26/14 09:55
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47005-2
Matrix: Solid
Percent Solids: 79.7

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	2300		130	37	mg/Kg	☼	02/28/14 10:00	03/04/14 08:10	5

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-46930-2

Client Sample ID: SB-36 (1-2)
Date Collected: 02/26/14 09:57
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47005-3
Matrix: Solid
Percent Solids: 73.6

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.0076	U	0.044	0.0076	mg/Kg	☼	03/10/14 05:53	03/12/14 16:09	1
PCB-1221	0.023	U	0.090	0.023	mg/Kg	☼	03/10/14 05:53	03/12/14 16:09	1
PCB-1232	0.013	U	0.044	0.013	mg/Kg	☼	03/10/14 05:53	03/12/14 16:09	1
PCB-1242	0.011	U	0.044	0.011	mg/Kg	☼	03/10/14 05:53	03/12/14 16:09	1
PCB-1248	0.015	U	0.044	0.015	mg/Kg	☼	03/10/14 05:53	03/12/14 16:09	1
PCB-1254	0.012	U	0.044	0.012	mg/Kg	☼	03/10/14 05:53	03/12/14 16:09	1
PCB-1260	0.0063	U	0.044	0.0063	mg/Kg	☼	03/10/14 05:53	03/12/14 16:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*30*		*30 - 129*	*03/10/14 05:53*	*03/12/14 16:09*	*1*
Dibutylchlorendate	*74*		*30 - 130*	*03/10/14 05:53*	*03/12/14 16:09*	*1*
DCB Decachlorobiphenyl	*74*		*30 - 138*	*03/10/14 05:53*	*03/12/14 16:09*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6100		140	39	mg/Kg	☼	02/28/14 10:00	03/04/14 08:14	5

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-46930-2

Client Sample ID: SB-38 (0-0.5)
Date Collected: 02/26/14 09:38
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47005-7
Matrix: Solid
Percent Solids: 73.1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	2300		28	8.0	mg/Kg	☼	02/28/14 10:00	03/03/14 16:43	1

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-46930-2

Client Sample ID: SB-38 (0.5-1)
Date Collected: 02/26/14 09:40
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47005-8
Matrix: Solid
Percent Solids: 87.5

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3400		120	34	mg/Kg	☼	02/28/14 10:00	03/04/14 08:20	5

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-46930-2

Client Sample ID: SB-38 (1-2)
Date Collected: 02/26/14 09:42
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47005-9
Matrix: Solid
Percent Solids: 85.8

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4600		230	68	mg/Kg	☼	02/28/14 10:00	03/04/14 08:30	10

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-46930-2

Client Sample ID: SB-32 (0-0.5)
Date Collected: 02/26/14 08:47
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47006-1
Matrix: Solid
Percent Solids: 86.3

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	1100		23	6.7	mg/Kg	☼	02/28/14 10:00	03/03/14 17:08	1

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-46930-2

Client Sample ID: SB-32 (0.5-1)
Date Collected: 02/26/14 08:49
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47006-2
Matrix: Solid
Percent Solids: 94.1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	960		21	6.2	mg/Kg	☼	02/28/14 10:00	03/03/14 17:11	1

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-46930-2

Client Sample ID: SB-32 (1-2)
Date Collected: 02/26/14 08:51
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47006-3
Matrix: Solid
Percent Solids: 84.3

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.0067	U	0.039	0.0067	mg/Kg	☼	03/10/14 05:53	03/12/14 15:38	1
PCB-1221	0.020	U	0.078	0.020	mg/Kg	☼	03/10/14 05:53	03/12/14 15:38	1
PCB-1232	0.012	U	0.039	0.012	mg/Kg	☼	03/10/14 05:53	03/12/14 15:38	1
PCB-1242	0.0097	U	0.039	0.0097	mg/Kg	☼	03/10/14 05:53	03/12/14 15:38	1
PCB-1248	0.013	U	0.039	0.013	mg/Kg	☼	03/10/14 05:53	03/12/14 15:38	1
PCB-1254	0.011	U	0.039	0.011	mg/Kg	☼	03/10/14 05:53	03/12/14 15:38	1
PCB-1260	0.0055	U	0.039	0.0055	mg/Kg	☼	03/10/14 05:53	03/12/14 15:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*28*	*J1*	*30 - 129*	*03/10/14 05:53*	*03/12/14 15:38*	*1*
Dibutylchlorendate	*70*		*30 - 130*	*03/10/14 05:53*	*03/12/14 15:38*	*1*
DCB Decachlorobiphenyl	*59*		*30 - 138*	*03/10/14 05:53*	*03/12/14 15:38*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**5600**		120	33	mg/Kg	☼	02/28/14 10:00	03/04/14 08:33	5

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-46930-2

Client Sample ID: SB-34 (0-0.5)
Date Collected: 02/26/14 09:15
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47006-7
Matrix: Solid
Percent Solids: 93.8

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	860		21	6.1	mg/Kg	☼	02/28/14 10:00	03/03/14 17:29	1

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-46930-2

Client Sample ID: SB-34 (0.5-1)
Date Collected: 02/26/14 09:17
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47006-8
Matrix: Solid
Percent Solids: 92.6

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	2200		22	6.5	mg/Kg	☼	02/28/14 10:00	03/03/14 17:39	1

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-46930-2

Client Sample ID: SB-34 (1-2)
Date Collected: 02/26/14 09:19
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47006-9
Matrix: Solid
Percent Solids: 93.3

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	2100		42	12	mg/Kg	☼	02/28/14 10:00	03/04/14 08:40	2

Surrogate Summary

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-46930-2

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TCX2	TCX2	DBC2	DBC2	DCB2	DCB2
Lab Sample ID	Client Sample ID	(30-129)	(30-129)	(30-130)	(30-130)	(30-138)	(30-138)
640-46930-19	SB-45 (1-2)	44	44	14 J1	14 J1	44	44
640-46932-6 MS	SB-60 (0.5-2)	106	106	81	81	94	94
640-46932-6 MSD	SB-60 (0.5-2)	88	88	67	67	92	92
640-47005-3	SB-36 (1-2)	30	30	74	74	74	74
LCS 640-108073/2-A	Lab Control Sample	74	74	103	103	116	116
LCSD 640-108073/3-A	Lab Control Sample Dup	52	52	91	91	108	108

Surrogate Legend

TCX = Tetrachloro-m-xylene
DBC = Dibutylchlorendate
DCB = DCB Decachlorobiphenyl

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		TCX2	DBC1	DCB1
Lab Sample ID	Client Sample ID	(30-129)	(30-130)	(30-138)
640-46932-6	SB-60 (0.5-2)	86	55	47
640-46968-7	SB-20 (0.5-2)	62	42	44
640-46973-3	SB-27 (1.5-2)	36	55	43
640-46976-2	SB-47 (1-2)	52	95	73
640-47002-2	SB-72 (0.5-1)	56	65	55
640-47003-8	SB-79 (0.5-1)	79	49	91
640-47003-10	SB-80 (0-0.5)	85	69	59
640-47004-6	SB-70 (1-2)	30	65	57
640-47006-3	SB-32 (1-2)	28 J1	70	59

Surrogate Legend

TCX = Tetrachloro-m-xylene
DBC = Dibutylchlorendate
DCB = DCB Decachlorobiphenyl

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		TCX2	DBC2	DCB1
Lab Sample ID	Client Sample ID	(30-129)	(30-130)	(30-138)
640-46934-3	SB-50 (1.5-2)	55	92	74

Surrogate Legend

TCX = Tetrachloro-m-xylene
DBC = Dibutylchlorendate
DCB = DCB Decachlorobiphenyl

Surrogate Summary

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-46930-2

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)								
		TCX1	DBC1	DCB1						
Lab Sample ID	Client Sample ID	(30-129)	(30-130)	(30-138)						
LCS 640-107882/6-A	Lab Control Sample	52	94	97						
LCSD 640-107882/7-A	Lab Control Sample Dup	45	75	75						

Surrogate Legend

TCX = Tetrachloro-m-xylene
DBC = Dibutylchlorendate
DCB = DCB Decachlorobiphenyl

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)								
		TCX1	DBC2	DCB1						
Lab Sample ID	Client Sample ID	(30-129)	(30-130)	(30-138)						
MB 640-107882/1-A	Method Blank	38	68	70						

Surrogate Legend

TCX = Tetrachloro-m-xylene
DBC = Dibutylchlorendate
DCB = DCB Decachlorobiphenyl

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)								
		TCX2	TCX2	DBC2	DBC2	DCB1	DCB1			
Lab Sample ID	Client Sample ID	(30-129)	(30-129)	(30-130)	(30-130)	(30-138)	(30-138)			
MB 640-108073/1-A	Method Blank	50	50	97	97	87	87			

Surrogate Legend

TCX = Tetrachloro-m-xylene
DBC = Dibutylchlorendate
DCB = DCB Decachlorobiphenyl

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 640-107882/1-A
Matrix: Solid
Analysis Batch: 108025

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 107882

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.0055	U	0.032	0.0055	mg/Kg		02/26/14 15:37	03/04/14 23:29	1
PCB-1221	0.017	U	0.065	0.017	mg/Kg		02/26/14 15:37	03/04/14 23:29	1
PCB-1232	0.0097	U	0.032	0.0097	mg/Kg		02/26/14 15:37	03/04/14 23:29	1
PCB-1242	0.0081	U	0.032	0.0081	mg/Kg		02/26/14 15:37	03/04/14 23:29	1
PCB-1248	0.011	U	0.032	0.011	mg/Kg		02/26/14 15:37	03/04/14 23:29	1
PCB-1254	0.0089	U	0.032	0.0089	mg/Kg		02/26/14 15:37	03/04/14 23:29	1
PCB-1260	0.0046	U	0.032	0.0046	mg/Kg		02/26/14 15:37	03/04/14 23:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*38*		*30 - 129*	*02/26/14 15:37*	*03/04/14 23:29*	*1*
Dibutylchlorendate	*68*		*30 - 130*	*02/26/14 15:37*	*03/04/14 23:29*	*1*
DCB Decachlorobiphenyl	*70*		*30 - 138*	*02/26/14 15:37*	*03/04/14 23:29*	*1*

Lab Sample ID: LCS 640-107882/6-A
Matrix: Solid
Analysis Batch: 108025

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 107882

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
PCB-1016			0.169	0.0932		mg/Kg		55	25 - 139		
PCB-1260			0.169	0.142		mg/Kg		84	50 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*52*		*30 - 129*
Dibutylchlorendate	*94*		*30 - 130*
DCB Decachlorobiphenyl	*97*		*30 - 138*

Lab Sample ID: LCSD 640-107882/7-A
Matrix: Solid
Analysis Batch: 108025

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 107882

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016			0.164	0.0809		mg/Kg		49	25 - 139	14	50
PCB-1260			0.164	0.110		mg/Kg		67	50 - 130	25	50

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*45*		*30 - 129*
Dibutylchlorendate	*75*		*30 - 130*
DCB Decachlorobiphenyl	*75*		*30 - 138*

Lab Sample ID: MB 640-108073/1-A
Matrix: Solid
Analysis Batch: 108139

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 108073

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.0057	U	0.033	0.0057	mg/Kg		03/10/14 05:53	03/12/14 11:34	1
PCB-1016	0.0057	U	0.033	0.0057	mg/Kg		03/10/14 05:53	03/12/14 11:34	1
PCB-1221	0.017	U	0.067	0.017	mg/Kg		03/10/14 05:53	03/12/14 11:34	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 640-108073/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 108139 — **Prep Batch: 108073**

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	0.017	U	0.067	0.017	mg/Kg		03/10/14 05:53	03/12/14 11:34	1
PCB-1232	0.010	U	0.033	0.010	mg/Kg		03/10/14 05:53	03/12/14 11:34	1
PCB-1232	0.010	U	0.033	0.010	mg/Kg		03/10/14 05:53	03/12/14 11:34	1
PCB-1242	0.0083	U	0.033	0.0083	mg/Kg		03/10/14 05:53	03/12/14 11:34	1
PCB-1242	0.0083	U	0.033	0.0083	mg/Kg		03/10/14 05:53	03/12/14 11:34	1
PCB-1248	0.011	U	0.033	0.011	mg/Kg		03/10/14 05:53	03/12/14 11:34	1
PCB-1248	0.011	U	0.033	0.011	mg/Kg		03/10/14 05:53	03/12/14 11:34	1
PCB-1254	0.0092	U	0.033	0.0092	mg/Kg		03/10/14 05:53	03/12/14 11:34	1
PCB-1254	0.0092	U	0.033	0.0092	mg/Kg		03/10/14 05:53	03/12/14 11:34	1
PCB-1260	0.0047	U	0.033	0.0047	mg/Kg		03/10/14 05:53	03/12/14 11:34	1
PCB-1260	0.0047	U	0.033	0.0047	mg/Kg		03/10/14 05:53	03/12/14 11:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*50*		*30 - 129*	*03/10/14 05:53*	*03/12/14 11:34*	*1*
Tetrachloro-m-xylene	*50*		*30 - 129*	*03/10/14 05:53*	*03/12/14 11:34*	*1*
Dibutylchlorendate	*97*		*30 - 130*	*03/10/14 05:53*	*03/12/14 11:34*	*1*
Dibutylchlorendate	*97*		*30 - 130*	*03/10/14 05:53*	*03/12/14 11:34*	*1*
DCB Decachlorobiphenyl	*87*		*30 - 138*	*03/10/14 05:53*	*03/12/14 11:34*	*1*
DCB Decachlorobiphenyl	*87*		*30 - 138*	*03/10/14 05:53*	*03/12/14 11:34*	*1*

Lab Sample ID: LCS 640-108073/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 108139 — **Prep Batch: 108073**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
PCB-1016			0.166	0.129		mg/Kg		77	25 - 139		
PCB-1016			0.166	0.129		mg/Kg		77	25 - 139		
PCB-1260			0.166	0.151		mg/Kg		90	50 - 130		
PCB-1260			0.166	0.151		mg/Kg		90	50 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*74*		*30 - 129*
Tetrachloro-m-xylene	*74*		*30 - 129*
Dibutylchlorendate	*103*		*30 - 130*
Dibutylchlorendate	*103*		*30 - 130*
DCB Decachlorobiphenyl	*116*		*30 - 138*
DCB Decachlorobiphenyl	*116*		*30 - 138*

Lab Sample ID: LCSD 640-108073/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 108139 — **Prep Batch: 108073**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016			0.167	0.107		mg/Kg		64	25 - 139	19	50
PCB-1016			0.167	0.107		mg/Kg		64	25 - 139	19	50
PCB-1260			0.167	0.150		mg/Kg		90	50 - 130	0	50
PCB-1260			0.167	0.150		mg/Kg		90	50 - 130	0	50

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCSD 640-108073/3-A
Matrix: Solid
Analysis Batch: 108139

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 108073

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Tetrachloro-m-xylene	52		30 - 129
Tetrachloro-m-xylene	52		30 - 129
Dibutylchlorendate	91		30 - 130
Dibutylchlorendate	91		30 - 130
DCB Decachlorobiphenyl	108		30 - 138
DCB Decachlorobiphenyl	108		30 - 138

Lab Sample ID: 640-46932-6 MS
Matrix: Solid
Analysis Batch: 108139

Client Sample ID: SB-60 (0.5-2)
Prep Type: Total/NA
Prep Batch: 108073

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
PCB-1016	0.0062	U	0.189	0.164		mg/Kg	☼	87	25 - 139		
PCB-1016	0.0062	U	0.189	0.164		mg/Kg	☼	87	25 - 139		
PCB-1260	0.0051	U	0.189	0.123		mg/Kg	☼	65	50 - 130		
PCB-1260	0.0051	U	0.189	0.123		mg/Kg	☼	65	50 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
Tetrachloro-m-xylene	106		30 - 129
Tetrachloro-m-xylene	106		30 - 129
Dibutylchlorendate	81		30 - 130
Dibutylchlorendate	81		30 - 130
DCB Decachlorobiphenyl	94		30 - 138
DCB Decachlorobiphenyl	94		30 - 138

Lab Sample ID: 640-46932-6 MSD
Matrix: Solid
Analysis Batch: 108139

Client Sample ID: SB-60 (0.5-2)
Prep Type: Total/NA
Prep Batch: 108073

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	0.0062	U	0.185	0.181		mg/Kg	☼	98	25 - 139	10	50
PCB-1016	0.0062	U	0.185	0.181		mg/Kg	☼	98	25 - 139	10	50
PCB-1260	0.0051	U	0.185	0.140		mg/Kg	☼	75	50 - 130	13	50
PCB-1260	0.0051	U	0.185	0.140		mg/Kg	☼	75	50 - 130	13	50

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Tetrachloro-m-xylene	88		30 - 129
Tetrachloro-m-xylene	88		30 - 129
Dibutylchlorendate	67		30 - 130
Dibutylchlorendate	67		30 - 130
DCB Decachlorobiphenyl	92		30 - 138
DCB Decachlorobiphenyl	92		30 - 138

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 660-146490/1-A
Matrix: Solid
Analysis Batch: 146534

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 146490

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5.8	U	20	5.8	mg/Kg		02/26/14 07:21	02/27/14 08:19	1

Lab Sample ID: LCS 660-146490/2-A
Matrix: Solid
Analysis Batch: 146534

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 146490

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	50.0	50.9		mg/Kg		102	75 - 125

Lab Sample ID: MB 660-146491/1-A
Matrix: Solid
Analysis Batch: 146501

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 146491

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5.8	U	20	5.8	mg/Kg		02/26/14 08:00	02/26/14 12:33	1

Lab Sample ID: LCS 660-146491/2-A
Matrix: Solid
Analysis Batch: 146501

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 146491

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	50.0	51.2		mg/Kg		102	75 - 125

Lab Sample ID: LCSD 660-146491/3-A
Matrix: Solid
Analysis Batch: 146501

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 146491

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	50.0	50.1		mg/Kg		100	75 - 125	2	20

Lab Sample ID: MB 660-146523/1-A
Matrix: Solid
Analysis Batch: 146574

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 146523

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5.8	U	20	5.8	mg/Kg		02/27/14 08:30	02/28/14 11:12	1

Lab Sample ID: LCS 660-146523/2-A
Matrix: Solid
Analysis Batch: 146574

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 146523

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	50.0	50.5		mg/Kg		101	75 - 125

Lab Sample ID: MB 660-146527/1-A
Matrix: Solid
Analysis Batch: 146574

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 146527

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5.8	U	20	5.8	mg/Kg		02/27/14 09:30	02/28/14 08:46	1

Lab Sample ID: LCS 660-146527/2-A
Matrix: Solid
Analysis Batch: 146574

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 146527

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	50.0	50.9		mg/Kg		102	75 - 125

Lab Sample ID: MB 660-146583/1-A
Matrix: Solid
Analysis Batch: 146626

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 146583

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5.8	U	20	5.8	mg/Kg		02/28/14 10:00	03/03/14 15:55	1

Lab Sample ID: LCS 660-146583/2-A
Matrix: Solid
Analysis Batch: 146626

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 146583

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	50.0	51.6		mg/Kg		103	75 - 125

Lab Sample ID: 640-47005-1 MS
Matrix: Solid
Analysis Batch: 146626

Client Sample ID: SB-36 (0-0.5)
Prep Type: Total/NA
Prep Batch: 146583

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	1600		53.7	1950	J3	mg/Kg	☼	651	75 - 125

Lab Sample ID: 640-47005-1 MSD
Matrix: Solid
Analysis Batch: 146626

Client Sample ID: SB-36 (0-0.5)
Prep Type: Total/NA
Prep Batch: 146583

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	1600		53.2	1850	J3	mg/Kg	☼	479	75 - 125	5	20

Lab Sample ID: MB 660-146597/1-A
Matrix: Solid
Analysis Batch: 146626

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 146597

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5.8	U	20	5.8	mg/Kg		03/03/14 07:00	03/03/14 11:02	1

Lab Sample ID: LCS 660-146597/2-A
Matrix: Solid
Analysis Batch: 146626

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 146597

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	50.0	51.9		mg/Kg		104	75 - 125

GC Semi VOA

Prep Batch: 107882

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46930-19	SB-45 (1-2)	Total/NA	Solid	3546	
LCS 640-107882/6-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 640-107882/7-A	Lab Control Sample Dup	Total/NA	Solid	3546	
MB 640-107882/1-A	Method Blank	Total/NA	Solid	3546	

Analysis Batch: 108025

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 640-107882/6-A	Lab Control Sample	Total/NA	Solid	8082A	107882
LCSD 640-107882/7-A	Lab Control Sample Dup	Total/NA	Solid	8082A	107882
MB 640-107882/1-A	Method Blank	Total/NA	Solid	8082A	107882

Prep Batch: 108073

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46932-6	SB-60 (0.5-2)	Total/NA	Solid	3546	
640-46932-6 MS	SB-60 (0.5-2)	Total/NA	Solid	3546	
640-46932-6 MSD	SB-60 (0.5-2)	Total/NA	Solid	3546	
640-46934-3	SB-50 (1.5-2)	Total/NA	Solid	3546	
640-46968-7	SB-20 (0.5-2)	Total/NA	Solid	3546	
640-46973-3	SB-27 (1.5-2)	Total/NA	Solid	3546	
640-46976-2	SB-47 (1-2)	Total/NA	Solid	3546	
640-47002-2	SB-72 (0.5-1)	Total/NA	Solid	3546	
640-47003-8	SB-79 (0.5-1)	Total/NA	Solid	3546	
640-47003-10	SB-80 (0-0.5)	Total/NA	Solid	3546	
640-47004-6	SB-70 (1-2)	Total/NA	Solid	3546	
640-47005-3	SB-36 (1-2)	Total/NA	Solid	3546	
640-47006-3	SB-32 (1-2)	Total/NA	Solid	3546	
LCS 640-108073/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 640-108073/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
MB 640-108073/1-A	Method Blank	Total/NA	Solid	3546	

Analysis Batch: 108139

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46930-19	SB-45 (1-2)	Total/NA	Solid	8082A	107882
640-46932-6	SB-60 (0.5-2)	Total/NA	Solid	8082A	108073
640-46932-6 MS	SB-60 (0.5-2)	Total/NA	Solid	8082A	108073
640-46932-6 MSD	SB-60 (0.5-2)	Total/NA	Solid	8082A	108073
640-46934-3	SB-50 (1.5-2)	Total/NA	Solid	8082A	108073
640-46968-7	SB-20 (0.5-2)	Total/NA	Solid	8082A	108073
640-46973-3	SB-27 (1.5-2)	Total/NA	Solid	8082A	108073
640-46976-2	SB-47 (1-2)	Total/NA	Solid	8082A	108073
640-47002-2	SB-72 (0.5-1)	Total/NA	Solid	8082A	108073
640-47003-8	SB-79 (0.5-1)	Total/NA	Solid	8082A	108073
640-47003-10	SB-80 (0-0.5)	Total/NA	Solid	8082A	108073
640-47004-6	SB-70 (1-2)	Total/NA	Solid	8082A	108073
640-47005-3	SB-36 (1-2)	Total/NA	Solid	8082A	108073
640-47006-3	SB-32 (1-2)	Total/NA	Solid	8082A	108073
LCS 640-108073/2-A	Lab Control Sample	Total/NA	Solid	8082A	108073
LCSD 640-108073/3-A	Lab Control Sample Dup	Total/NA	Solid	8082A	108073
MB 640-108073/1-A	Method Blank	Total/NA	Solid	8082A	108073

Metals

Prep Batch: 146490

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46932-1	SB-58 (0-0.5)	Total/NA	Solid	3050B	
640-46932-5	SB-60 (0-0.5)	Total/NA	Solid	3050B	
640-46932-10	SB-62 (0-2)	Total/NA	Solid	3050B	
640-46934-1	SB-50 (0-0.5)	Total/NA	Solid	3050B	
640-46934-6	SB-52 (0-2)	Total/NA	Solid	3050B	
LCS 660-146490/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 660-146490/1-A	Method Blank	Total/NA	Solid	3050B	

Prep Batch: 146491

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46934-17	SB-56 (0-2)	Total/NA	Solid	3050B	
640-46934-20	SB-57 (0-2)	Total/NA	Solid	3050B	
LCS 660-146491/2-A	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 660-146491/3-A	Lab Control Sample Dup	Total/NA	Solid	3050B	
MB 660-146491/1-A	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 146501

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46934-17	SB-56 (0-2)	Total/NA	Solid	6010B	146491
640-46934-20	SB-57 (0-2)	Total/NA	Solid	6010B	146491
LCS 660-146491/2-A	Lab Control Sample	Total/NA	Solid	6010B	146491
LCSD 660-146491/3-A	Lab Control Sample Dup	Total/NA	Solid	6010B	146491
MB 660-146491/1-A	Method Blank	Total/NA	Solid	6010B	146491

Prep Batch: 146523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46974-4	SB-66 (0-2)	Total/NA	Solid	3050B	
640-46974-7	SB-67 (0-2)	Total/NA	Solid	3050B	
LCS 660-146523/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 660-146523/1-A	Method Blank	Total/NA	Solid	3050B	

Prep Batch: 146527

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46968-1	SB-18 (0-0.5)	Total/NA	Solid	3050B	
640-46968-2	SB-18 (0.5-1.5)	Total/NA	Solid	3050B	
640-46968-3	SB-18 (1.5-2)	Total/NA	Solid	3050B	
640-46968-6	SB-20 (0-0.5)	Total/NA	Solid	3050B	
640-46968-7	SB-20 (0.5-2)	Total/NA	Solid	3050B	
640-46968-10	SB-22 (0-0.5)	Total/NA	Solid	3050B	
640-46968-11	SB-22 (0.5-1.5)	Total/NA	Solid	3050B	
640-46968-12	SB-22 (1.5-2)	Total/NA	Solid	3050B	
640-46968-15	SB-24 (0-0.5)	Total/NA	Solid	3050B	
640-46968-16	SB-24 (0.5-2)	Total/NA	Solid	3050B	
LCS 660-146527/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 660-146527/1-A	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 146534

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46932-1	SB-58 (0-0.5)	Total/NA	Solid	6010B	146490
640-46932-5	SB-60 (0-0.5)	Total/NA	Solid	6010B	146490
640-46932-10	SB-62 (0-2)	Total/NA	Solid	6010B	146490

Metals (Continued)

Analysis Batch: 146534 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46934-1	SB-50 (0-0.5)	Total/NA	Solid	6010B	146490
640-46934-6	SB-52 (0-2)	Total/NA	Solid	6010B	146490
LCS 660-146490/2-A	Lab Control Sample	Total/NA	Solid	6010B	146490
MB 660-146490/1-A	Method Blank	Total/NA	Solid	6010B	146490

Analysis Batch: 146574

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46968-1	SB-18 (0-0.5)	Total/NA	Solid	6010B	146527
640-46968-2	SB-18 (0.5-1.5)	Total/NA	Solid	6010B	146527
640-46968-3	SB-18 (1.5-2)	Total/NA	Solid	6010B	146527
640-46968-6	SB-20 (0-0.5)	Total/NA	Solid	6010B	146527
640-46968-7	SB-20 (0.5-2)	Total/NA	Solid	6010B	146527
640-46968-10	SB-22 (0-0.5)	Total/NA	Solid	6010B	146527
640-46968-11	SB-22 (0.5-1.5)	Total/NA	Solid	6010B	146527
640-46968-12	SB-22 (1.5-2)	Total/NA	Solid	6010B	146527
640-46968-15	SB-24 (0-0.5)	Total/NA	Solid	6010B	146527
640-46968-16	SB-24 (0.5-2)	Total/NA	Solid	6010B	146527
640-46974-4	SB-66 (0-2)	Total/NA	Solid	6010B	146523
640-46974-7	SB-67 (0-2)	Total/NA	Solid	6010B	146523
LCS 660-146523/2-A	Lab Control Sample	Total/NA	Solid	6010B	146523
LCS 660-146527/2-A	Lab Control Sample	Total/NA	Solid	6010B	146527
MB 660-146523/1-A	Method Blank	Total/NA	Solid	6010B	146523
MB 660-146527/1-A	Method Blank	Total/NA	Solid	6010B	146527

Prep Batch: 146583

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47005-1	SB-36 (0-0.5)	Total/NA	Solid	3050B	
640-47005-1 MS	SB-36 (0-0.5)	Total/NA	Solid	3050B	
640-47005-1 MSD	SB-36 (0-0.5)	Total/NA	Solid	3050B	
640-47005-2	SB-36 (0.5-1)	Total/NA	Solid	3050B	
640-47005-3	SB-36 (1-2)	Total/NA	Solid	3050B	
640-47005-7	SB-38 (0-0.5)	Total/NA	Solid	3050B	
640-47005-8	SB-38 (0.5-1)	Total/NA	Solid	3050B	
640-47005-9	SB-38 (1-2)	Total/NA	Solid	3050B	
640-47006-1	SB-32 (0-0.5)	Total/NA	Solid	3050B	
640-47006-2	SB-32 (0.5-1)	Total/NA	Solid	3050B	
640-47006-3	SB-32 (1-2)	Total/NA	Solid	3050B	
640-47006-7	SB-34 (0-0.5)	Total/NA	Solid	3050B	
640-47006-8	SB-34 (0.5-1)	Total/NA	Solid	3050B	
640-47006-9	SB-34 (1-2)	Total/NA	Solid	3050B	
LCS 660-146583/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 660-146583/1-A	Method Blank	Total/NA	Solid	3050B	

Prep Batch: 146597

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46975-3	SB-49 (0-0.5)	Total/NA	Solid	3050B	
640-46976-1	SB-47 (0-1)	Total/NA	Solid	3050B	
LCS 660-146597/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 660-146597/1-A	Method Blank	Total/NA	Solid	3050B	

Metals (Continued)

Analysis Batch: 146626

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46975-3	SB-49 (0-0.5)	Total/NA	Solid	6010B	146597
640-46976-1	SB-47 (0-1)	Total/NA	Solid	6010B	146597
640-47005-1	SB-36 (0-0.5)	Total/NA	Solid	6010B	146583
640-47005-1 MS	SB-36 (0-0.5)	Total/NA	Solid	6010B	146583
640-47005-1 MSD	SB-36 (0-0.5)	Total/NA	Solid	6010B	146583
640-47005-7	SB-38 (0-0.5)	Total/NA	Solid	6010B	146583
640-47006-1	SB-32 (0-0.5)	Total/NA	Solid	6010B	146583
640-47006-2	SB-32 (0.5-1)	Total/NA	Solid	6010B	146583
640-47006-7	SB-34 (0-0.5)	Total/NA	Solid	6010B	146583
640-47006-8	SB-34 (0.5-1)	Total/NA	Solid	6010B	146583
LCS 660-146583/2-A	Lab Control Sample	Total/NA	Solid	6010B	146583
LCS 660-146597/2-A	Lab Control Sample	Total/NA	Solid	6010B	146597
MB 660-146583/1-A	Method Blank	Total/NA	Solid	6010B	146583
MB 660-146597/1-A	Method Blank	Total/NA	Solid	6010B	146597

Analysis Batch: 146643

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47005-2	SB-36 (0.5-1)	Total/NA	Solid	6010B	146583
640-47005-3	SB-36 (1-2)	Total/NA	Solid	6010B	146583
640-47005-8	SB-38 (0.5-1)	Total/NA	Solid	6010B	146583
640-47005-9	SB-38 (1-2)	Total/NA	Solid	6010B	146583
640-47006-3	SB-32 (1-2)	Total/NA	Solid	6010B	146583
640-47006-9	SB-34 (1-2)	Total/NA	Solid	6010B	146583

Client Sample ID: SB-45 (1-2)

Lab Sample ID: 640-46930-19
Date Collected: 02/24/14 13:19
Matrix: Solid
Date Received: 02/25/14 09:00
Percent Solids: 79.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			107882	02/26/14 15:37	QMC	TAL TAL
Total/NA	Analysis	8082A		1	108139	03/12/14 10:33	MLT	TAL TAL

Client Sample ID: SB-58 (0-0.5)

Lab Sample ID: 640-46932-1
Date Collected: 02/24/14 09:15
Matrix: Solid
Date Received: 02/25/14 09:00
Percent Solids: 87.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146490	02/26/14 07:21	GAF	TAL TAM
Total/NA	Analysis	6010B		2	146534	02/27/14 10:26	GAF	TAL TAM

Client Sample ID: SB-60 (0-0.5)

Lab Sample ID: 640-46932-5
Date Collected: 02/24/14 09:45
Matrix: Solid
Date Received: 02/25/14 09:00
Percent Solids: 85.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146490	02/26/14 07:21	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146534	02/27/14 09:14	GAF	TAL TAM

Client Sample ID: SB-60 (0.5-2)

Lab Sample ID: 640-46932-6
Date Collected: 02/24/14 09:48
Matrix: Solid
Date Received: 02/25/14 09:00
Percent Solids: 89.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			108073	03/10/14 05:53	QMC	TAL TAL
Total/NA	Analysis	8082A		1	108139	03/12/14 17:10	MLT	TAL TAL

Client Sample ID: SB-62 (0-2)

Lab Sample ID: 640-46932-10
Date Collected: 02/24/14 10:06
Matrix: Solid
Date Received: 02/25/14 09:00
Percent Solids: 95.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146490	02/26/14 07:21	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146534	02/27/14 09:32	GAF	TAL TAM

Client Sample ID: SB-50 (0-0.5)

Lab Sample ID: 640-46934-1
Date Collected: 02/24/14 11:20
Matrix: Solid
Date Received: 02/25/14 09:00
Percent Solids: 84.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146490	02/26/14 07:21	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146534	02/27/14 09:53	GAF	TAL TAM

Client Sample ID: SB-50 (1.5-2) — **Lab Sample ID: 640-46934-3**
Date Collected: 02/24/14 11:26 — **Matrix: Solid**
Date Received: 02/25/14 09:00 — **Percent Solids: 85.7**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			108073	03/10/14 05:53	QMC	TAL TAL
Total/NA	Analysis	8082A		1	108139	03/12/14 15:23	MLT	TAL TAL

Client Sample ID: SB-52 (0-2) — **Lab Sample ID: 640-46934-6**
Date Collected: 02/24/14 11:40 — **Matrix: Solid**
Date Received: 02/25/14 09:00 — **Percent Solids: 84.0**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146490	02/26/14 07:21	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146534	02/27/14 10:19	GAF	TAL TAM

Client Sample ID: SB-56 (0-2) — **Lab Sample ID: 640-46934-17**
Date Collected: 02/24/14 12:30 — **Matrix: Solid**
Date Received: 02/25/14 09:00 — **Percent Solids: 86.3**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146491	02/26/14 08:00	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146501	02/26/14 13:37	GAF	TAL TAM

Client Sample ID: SB-57 (0-2) — **Lab Sample ID: 640-46934-20**
Date Collected: 02/24/14 12:42 — **Matrix: Solid**
Date Received: 02/25/14 09:00 — **Percent Solids: 86.4**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146491	02/26/14 08:00	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146501	02/26/14 13:41	GAF	TAL TAM

Client Sample ID: SB-18 (0-0.5) — **Lab Sample ID: 640-46968-1**
Date Collected: 02/25/14 10:02 — **Matrix: Solid**
Date Received: 02/26/14 08:40 — **Percent Solids: 70.0**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146527	02/27/14 09:30	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146574	02/28/14 09:12	GAF	TAL TAM

Client Sample ID: SB-18 (0.5-1.5) — **Lab Sample ID: 640-46968-2**
Date Collected: 02/25/14 10:04 — **Matrix: Solid**
Date Received: 02/26/14 08:40 — **Percent Solids: 91.6**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146527	02/27/14 09:30	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146574	02/28/14 09:15	GAF	TAL TAM

Client Sample ID: SB-18 (1.5-2)

Lab Sample ID: 640-46968-3

Date Collected: 02/25/14 10:06
Matrix: Solid
Date Received: 02/26/14 08:40
Percent Solids: 83.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146527	02/27/14 09:30	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146574	02/28/14 09:26	GAF	TAL TAM

Client Sample ID: SB-20 (0-0.5)

Lab Sample ID: 640-46968-6

Date Collected: 02/25/14 11:45
Matrix: Solid
Date Received: 02/26/14 08:40
Percent Solids: 78.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146527	02/27/14 09:30	GAF	TAL TAM
Total/NA	Analysis	6010B		5	146574	02/28/14 10:38	GAF	TAL TAM

Client Sample ID: SB-20 (0.5-2)

Lab Sample ID: 640-46968-7

Date Collected: 02/25/14 11:47
Matrix: Solid
Date Received: 02/26/14 08:40
Percent Solids: 82.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			108073	03/10/14 05:53	QMC	TAL TAL
Total/NA	Analysis	8082A		1	108139	03/12/14 18:12	MLT	TAL TAL
Total/NA	Prep	3050B			146527	02/27/14 09:30	GAF	TAL TAM
Total/NA	Analysis	6010B		5	146574	02/28/14 10:41	GAF	TAL TAM

Client Sample ID: SB-22 (0-0.5)

Lab Sample ID: 640-46968-10

Date Collected: 02/25/14 09:48
Matrix: Solid
Date Received: 02/26/14 08:40
Percent Solids: 93.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146527	02/27/14 09:30	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146574	02/28/14 09:51	GAF	TAL TAM

Client Sample ID: SB-22 (0.5-1.5)

Lab Sample ID: 640-46968-11

Date Collected: 02/25/14 09:50
Matrix: Solid
Date Received: 02/26/14 08:40
Percent Solids: 87.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146527	02/27/14 09:30	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146574	02/28/14 09:55	GAF	TAL TAM

Client Sample ID: SB-22 (1.5-2)

Lab Sample ID: 640-46968-12

Date Collected: 02/25/14 09:52
Matrix: Solid
Date Received: 02/26/14 08:40
Percent Solids: 83.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146527	02/27/14 09:30	GAF	TAL TAM

Client Sample ID: SB-22 (1.5-2)

Lab Sample ID: 640-46968-12

Date Collected: 02/25/14 09:52
Matrix: Solid
Date Received: 02/26/14 08:40
Percent Solids: 83.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	6010B		1	146574	02/28/14 09:59	GAF	TAL TAM

Client Sample ID: SB-24 (0-0.5)

Lab Sample ID: 640-46968-15

Date Collected: 02/25/14 11:40
Matrix: Solid
Date Received: 02/26/14 08:40
Percent Solids: 80.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146527	02/27/14 09:30	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146574	02/28/14 10:16	GAF	TAL TAM

Client Sample ID: SB-24 (0.5-2)

Lab Sample ID: 640-46968-16

Date Collected: 02/25/14 11:42
Matrix: Solid
Date Received: 02/26/14 08:40
Percent Solids: 82.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146527	02/27/14 09:30	GAF	TAL TAM
Total/NA	Analysis	6010B		8	146574	02/28/14 12:46	GAF	TAL TAM

Client Sample ID: SB-27 (1.5-2)

Lab Sample ID: 640-46973-3

Date Collected: 02/25/14 10:31
Matrix: Solid
Date Received: 02/26/14 08:40
Percent Solids: 75.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			108073	03/10/14 05:53	QMC	TAL TAL
Total/NA	Analysis	8082A		1	108139	03/12/14 17:56	MLT	TAL TAL

Client Sample ID: SB-66 (0-2)

Lab Sample ID: 640-46974-4

Date Collected: 02/25/14 09:35
Matrix: Solid
Date Received: 02/26/14 08:40
Percent Solids: 94.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146523	02/27/14 08:30	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146574	02/28/14 12:36	GAF	TAL TAM

Client Sample ID: SB-67 (0-2)

Lab Sample ID: 640-46974-7

Date Collected: 02/25/14 09:28
Matrix: Solid
Date Received: 02/26/14 08:40
Percent Solids: 88.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146523	02/27/14 08:30	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146574	02/28/14 12:39	GAF	TAL TAM

Client Sample ID: SB-49 (0-0.5) — **Lab Sample ID: 640-46975-3**
Date Collected: 02/25/14 13:52 — **Matrix: Solid**
Date Received: 02/26/14 08:40 — **Percent Solids: 87.1**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146597	03/03/14 07:00	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146626	03/03/14 12:07	GAF	TAL TAM

Client Sample ID: SB-47 (0-1) — **Lab Sample ID: 640-46976-1**
Date Collected: 02/25/14 14:00 — **Matrix: Solid**
Date Received: 02/26/14 08:40 — **Percent Solids: 82.0**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146597	03/03/14 07:00	GAF	TAL TAM
Total/NA	Analysis	6010B		1	146626	03/03/14 12:21	GAF	TAL TAM

Client Sample ID: SB-47 (1-2) — **Lab Sample ID: 640-46976-2**
Date Collected: 02/25/14 14:02 — **Matrix: Solid**
Date Received: 02/26/14 08:40 — **Percent Solids: 90.8**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			108073	03/10/14 05:53	QMC	TAL TAL
Total/NA	Analysis	8082A		1	108139	03/12/14 15:07	MLT	TAL TAL

Client Sample ID: SB-72 (0.5-1) — **Lab Sample ID: 640-47002-2**
Date Collected: 02/26/14 10:20 — **Matrix: Solid**
Date Received: 02/27/14 09:05 — **Percent Solids: 91.0**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			108073	03/10/14 05:53	QMC	TAL TAL
Total/NA	Analysis	8082A		1	108139	03/12/14 16:24	MLT	TAL TAL

Client Sample ID: SB-79 (0.5-1) — **Lab Sample ID: 640-47003-8**
Date Collected: 02/26/14 13:42 — **Matrix: Solid**
Date Received: 02/27/14 09:05 — **Percent Solids: 86.3**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			108073	03/10/14 05:53	QMC	TAL TAL
Total/NA	Analysis	8082A		1	108139	03/12/14 16:55	MLT	TAL TAL

Client Sample ID: SB-80 (0-0.5) — **Lab Sample ID: 640-47003-10**
Date Collected: 02/26/14 13:50 — **Matrix: Solid**
Date Received: 02/27/14 09:05 — **Percent Solids: 81.9**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			108073	03/10/14 05:53	QMC	TAL TAL
Total/NA	Analysis	8082A		1	108139	03/12/14 16:39	MLT	TAL TAL

Client Sample ID: SB-70 (1-2)

Lab Sample ID: 640-47004-6

Date Collected: 02/26/14 12:14
Matrix: Solid
Date Received: 02/27/14 09:05
Percent Solids: 65.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			108073	03/10/14 05:53	QMC	TAL TAL
Total/NA	Analysis	8082A		1	108139	03/12/14 15:53	MLT	TAL TAL

Client Sample ID: SB-36 (0-0.5)

Lab Sample ID: 640-47005-1

Date Collected: 02/26/14 09:53
Matrix: Solid
Date Received: 02/27/14 09:05
Percent Solids: 95.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146583	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		1	146626	03/03/14 16:05	GAF	TAL TAM

Client Sample ID: SB-36 (0.5-1)

Lab Sample ID: 640-47005-2

Date Collected: 02/26/14 09:55
Matrix: Solid
Date Received: 02/27/14 09:05
Percent Solids: 79.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146583	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		5	146643	03/04/14 08:10	GAF	TAL TAM

Client Sample ID: SB-36 (1-2)

Lab Sample ID: 640-47005-3

Date Collected: 02/26/14 09:57
Matrix: Solid
Date Received: 02/27/14 09:05
Percent Solids: 73.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			108073	03/10/14 05:53	QMC	TAL TAL
Total/NA	Analysis	8082A		1	108139	03/12/14 16:09	MLT	TAL TAL
Total/NA	Prep	3050B			146583	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		5	146643	03/04/14 08:14	GAF	TAL TAM

Client Sample ID: SB-38 (0-0.5)

Lab Sample ID: 640-47005-7

Date Collected: 02/26/14 09:38
Matrix: Solid
Date Received: 02/27/14 09:05
Percent Solids: 73.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146583	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		1	146626	03/03/14 16:43	GAF	TAL TAM

Client Sample ID: SB-38 (0.5-1)

Lab Sample ID: 640-47005-8

Date Collected: 02/26/14 09:40
Matrix: Solid
Date Received: 02/27/14 09:05
Percent Solids: 87.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146583	02/28/14 10:00	RAG	TAL TAM

Client Sample ID: SB-38 (0.5-1) — **Lab Sample ID: 640-47005-8**
Date Collected: 02/26/14 09:40 — **Matrix: Solid**
Date Received: 02/27/14 09:05 — **Percent Solids: 87.5**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	6010B		5	146643	03/04/14 08:20	GAF	TAL TAM

Client Sample ID: SB-38 (1-2) — **Lab Sample ID: 640-47005-9**
Date Collected: 02/26/14 09:42 — **Matrix: Solid**
Date Received: 02/27/14 09:05 — **Percent Solids: 85.8**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146583	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		10	146643	03/04/14 08:30	GAF	TAL TAM

Client Sample ID: SB-32 (0-0.5) — **Lab Sample ID: 640-47006-1**
Date Collected: 02/26/14 08:47 — **Matrix: Solid**
Date Received: 02/27/14 09:05 — **Percent Solids: 86.3**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146583	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		1	146626	03/03/14 17:08	GAF	TAL TAM

Client Sample ID: SB-32 (0.5-1) — **Lab Sample ID: 640-47006-2**
Date Collected: 02/26/14 08:49 — **Matrix: Solid**
Date Received: 02/27/14 09:05 — **Percent Solids: 94.1**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146583	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		1	146626	03/03/14 17:11	GAF	TAL TAM

Client Sample ID: SB-32 (1-2) — **Lab Sample ID: 640-47006-3**
Date Collected: 02/26/14 08:51 — **Matrix: Solid**
Date Received: 02/27/14 09:05 — **Percent Solids: 84.3**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			108073	03/10/14 05:53	QMC	TAL TAL
Total/NA	Analysis	8082A		1	108139	03/12/14 15:38	MLT	TAL TAL
Total/NA	Prep	3050B			146583	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		5	146643	03/04/14 08:33	GAF	TAL TAM

Client Sample ID: SB-34 (0-0.5) — **Lab Sample ID: 640-47006-7**
Date Collected: 02/26/14 09:15 — **Matrix: Solid**
Date Received: 02/27/14 09:05 — **Percent Solids: 93.8**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146583	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		1	146626	03/03/14 17:29	GAF	TAL TAM

Lab Chronicle

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-46930-2

Client Sample ID: SB-34 (0.5-1)

Lab Sample ID: 640-47006-8

Date Collected: 02/26/14 09:17

Matrix: Solid

Date Received: 02/27/14 09:05

Percent Solids: 92.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146583	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		1	146626	03/03/14 17:39	GAF	TAL TAM

Client Sample ID: SB-34 (1-2)

Lab Sample ID: 640-47006-9

Date Collected: 02/26/14 09:19

Matrix: Solid

Date Received: 02/27/14 09:05

Percent Solids: 93.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			146583	02/28/14 10:00	RAG	TAL TAM
Total/NA	Analysis	6010B		2	146643	03/04/14 08:40	GAF	TAL TAM

Laboratory References:

TAL TAL = TestAmerica Tallahassee, 2846 Industrial Plaza Drive, Tallahassee, FL 32301, TEL (850)878-3994

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-46930-2

Laboratory: TestAmerica Tallahassee

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E81005	06-30-14
Georgia	State Program	4		06-30-14
Louisiana	NELAP	6	30663	06-30-14
New Jersey	NELAP	2	FL012	06-30-14
Texas	NELAP	6	T104704459-11-2	03-31-14 *
USDA	Federal		P330-08-00158	08-05-14

Laboratory: TestAmerica Tampa

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alabama	State Program	4	40610	06-30-14
Florida	NELAP	4	E84282	06-30-14
Georgia	State Program	4	905	06-30-14
USDA	Federal		P330-11-00177	04-20-14

* Expired certification is currently pending renewal and is considered valid.

Method Summary

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-46930-2

Method	Method Description	Protocol	Laboratory
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL TAL
6010B	Metals (ICP)	SW846	TAL TAM

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAL = TestAmerica Tallahassee, 2846 Industrial Plaza Drive, Tallahassee, FL 32301, TEL (850)878-3994

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Sample Summary

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-46930-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
640-46930-19	SB-45 (1-2)	Solid	02/24/14 13:19	02/25/14 09:00
640-46932-1	SB-58 (0-0.5)	Solid	02/24/14 09:15	02/25/14 09:00
640-46932-5	SB-60 (0-0.5)	Solid	02/24/14 09:45	02/25/14 09:00
640-46932-6	SB-60 (0.5-2)	Solid	02/24/14 09:48	02/25/14 09:00
640-46932-10	SB-62 (0-2)	Solid	02/24/14 10:06	02/25/14 09:00
640-46934-1	SB-50 (0-0.5)	Solid	02/24/14 11:20	02/25/14 09:00
640-46934-3	SB-50 (1.5-2)	Solid	02/24/14 11:26	02/25/14 09:00
640-46934-6	SB-52 (0-2)	Solid	02/24/14 11:40	02/25/14 09:00
640-46934-17	SB-56 (0-2)	Solid	02/24/14 12:30	02/25/14 09:00
640-46934-20	SB-57 (0-2)	Solid	02/24/14 12:42	02/25/14 09:00
640-46968-1	SB-18 (0-0.5)	Solid	02/25/14 10:02	02/26/14 08:40
640-46968-2	SB-18 (0.5-1.5)	Solid	02/25/14 10:04	02/26/14 08:40
640-46968-3	SB-18 (1.5-2)	Solid	02/25/14 10:06	02/26/14 08:40
640-46968-6	SB-20 (0-0.5)	Solid	02/25/14 11:45	02/26/14 08:40
640-46968-7	SB-20 (0.5-2)	Solid	02/25/14 11:47	02/26/14 08:40
640-46968-10	SB-22 (0-0.5)	Solid	02/25/14 09:48	02/26/14 08:40
640-46968-11	SB-22 (0.5-1.5)	Solid	02/25/14 09:50	02/26/14 08:40
640-46968-12	SB-22 (1.5-2)	Solid	02/25/14 09:52	02/26/14 08:40
640-46968-15	SB-24 (0-0.5)	Solid	02/25/14 11:40	02/26/14 08:40
640-46968-16	SB-24 (0.5-2)	Solid	02/25/14 11:42	02/26/14 08:40
640-46973-3	SB-27 (1.5-2)	Solid	02/25/14 10:31	02/26/14 08:40
640-46974-4	SB-66 (0-2)	Solid	02/25/14 09:35	02/26/14 08:40
640-46974-7	SB-67 (0-2)	Solid	02/25/14 09:28	02/26/14 08:40
640-46975-3	SB-49 (0-0.5)	Solid	02/25/14 13:52	02/26/14 08:40
640-46976-1	SB-47 (0-1)	Solid	02/25/14 14:00	02/26/14 08:40
640-46976-2	SB-47 (1-2)	Solid	02/25/14 14:02	02/26/14 08:40
640-47002-2	SB-72 (0.5-1)	Solid	02/26/14 10:20	02/27/14 09:05
640-47003-8	SB-79 (0.5-1)	Solid	02/26/14 13:42	02/27/14 09:05
640-47003-10	SB-80 (0-0.5)	Solid	02/26/14 13:50	02/27/14 09:05
640-47004-6	SB-70 (1-2)	Solid	02/26/14 12:14	02/27/14 09:05
640-47005-1	SB-36 (0-0.5)	Solid	02/26/14 09:53	02/27/14 09:05
640-47005-2	SB-36 (0.5-1)	Solid	02/26/14 09:55	02/27/14 09:05
640-47005-3	SB-36 (1-2)	Solid	02/26/14 09:57	02/27/14 09:05
640-47005-7	SB-38 (0-0.5)	Solid	02/26/14 09:38	02/27/14 09:05
640-47005-8	SB-38 (0.5-1)	Solid	02/26/14 09:40	02/27/14 09:05
640-47005-9	SB-38 (1-2)	Solid	02/26/14 09:42	02/27/14 09:05
640-47006-1	SB-32 (0-0.5)	Solid	02/26/14 08:47	02/27/14 09:05
640-47006-2	SB-32 (0.5-1)	Solid	02/26/14 08:49	02/27/14 09:05
640-47006-3	SB-32 (1-2)	Solid	02/26/14 08:51	02/27/14 09:05
640-47006-7	SB-34 (0-0.5)	Solid	02/26/14 09:15	02/27/14 09:05
640-47006-8	SB-34 (0.5-1)	Solid	02/26/14 09:17	02/27/14 09:05
640-47006-9	SB-34 (1-2)	Solid	02/26/14 09:19	02/27/14 09:05

TestAmerica Tallahassee
2846 Industrial Plaza Drive

Tallahassee, FL 32301
phone 850.878.3994 fax

Chain of Custody Record

AREA # 4 - COURTS.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

3/13/2014

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Eddy Smith	Site Contact: Brittney Odom	Date:	COC No: 640-46930.1
SCS Engineers	Tel/Fax:	Lab Contact: Amy Marks	Carrier:	____ of ____ COCs
7700 North Kendall Drive	Analysis Turnaround Time			Sampler:
Miami, Florida 33156	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
305.412.8185 Phone	TAT if different from Below ____			Walk-in Client:
305.412.8105 FAX	☐ 2 weeks			Lab Sampling:
Project Name: Curtis Park	☐ 1 week			
Site: 1901 NW 24th Ave, Miami, FL	☐ 2 days			Job / SDG No.: 640-46930
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	[redacted]	Dioxins (8290)	PCBs (8082)	Metal #1	Metal #2	Sample Specific Notes:
SB-40 (0-0.5)	24-Feb-14	13:25	C	So							X		Metals #1
SB-40 (0.5-1)	24-Feb-14	13:27	C	So							X		Sb, As, Cu, Ba, Fe, Pb
SB-40 (1-2)	24-Feb-14	13:29	C	So							X		
SB-41 (0-0.5)	"	13:55	C	So							X		Metals #2
SB-41 (0.5-1)	"	13:57	C	So							X		Cd, Cr, Hg, Se & Ag
SB-41 (1-2)	"	13:59	C	So							X		
SB-42 (0-0.5)	"	14:12	C	So							X		
SB-42 (0.5-1)	"	14:14	C	So							X		
SB-42 (1-1.5)	"	14:16	C	So							X		
SB-42 (1.5-2)	"	14:18	C	So							X		
SB-43 (0-0.5)	"	13:45	C	So							X		
SB-43 (0.5-1)	"	13:48	C	So							X		

640-46930 Chain of Custody

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for ____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temp. (°C): Obs'd: ____ Corr'd: ____	Therm ID No.: ____
Relinquished by:	Company: SCS ES	Date/Time: 24-Feb-14 15:00	Received by:	Company: TA	Date/Time: 2/24/14 1500
Relinquished by:	Company:	Date/Time:	Received by: Carol McTubby	Company: TA Tampa	Date/Time: 2/25/14 0900
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

4.9 5.1 C Cu 7

TestAmerica Tallahassee
2846 Industrial Plaza Drive

Tallahassee, FL 32301
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Chain of Custody Record

AREA #4 - COURTS.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

3/13/2014

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Eddy Smith	Site Contact: Brittney Odom	Date:	COC No: 640-46930.2
SCS Engineers	Tel/Fax:	Lab Contact: Amy Marks	Carrier:	____ of ____ COCs
7700 North Kendall Drive	**Analysis Turnaround Time**			Sampler:
Miami, Florida 33156	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
305.412.8185 Phone	TAT if different from Below ____			Walk-in Client:
305.412.8105 FAX	☐ 2 weeks			Lab Sampling:
Project Name: Curtis Park	☐ 1 week			
Site: 1901 NW 24th Ave, Miami, FL	☐ 2 days			Job / SDG No.: 640-46930
PO #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	[redacted]	Dioxins (8290)	PCBs (8082)	Metals #1	Metals #2	Sample Specific Notes:
SB-43 (1-2)	24-Feb-14	13:51	C								X		Metals #1
SB-44 (0-0.5)	"	13:35	C								X		Sb, As, Ba, Cu, Fe, Pb
SB-44 (0.5-1)	"	13:37	C								X		
SB-44 (1-2)	"	13:39	C								X		~~Metals #2~~ MP.
SB-45 (0-0.5)	"	13:15	C								X		~~Sb, As, Ba~~
SB-45 (0.5-1)	"	13:17	C								X		
SB-45 (1-2)	"	13:19	C								X		Metals #2
													Cd, Cr, Hg, Se, & Ag

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other: ____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for ____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temp. (°C): Obs'd: ____ Corr'd: ____	Therm ID No.: ____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	SCS ES	24-Feb-14 15:00	[signature]	FTA	2/24/14 1500
Relinquished by: [signature]	Company:	Date/Time:	Received by: Carol McNulty	Company: TA Tampa	Date/Time: 2/25/14 0900
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

TestAmerica Tallahassee
2846 Industrial Plaza Drive

Tallahassee, FL 32301
phone 850.878.3994 fax

Chain of Custody Record

AREA#7 - POOL

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

3/13/2014

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Eddy Smith	Site Contact: Brittney Odom	Date:	COC No: 640-46932.1
SCS Engineers:	Tel/Fax:	Lab Contact: Amy Marks	Carrier:	____ of ____ COCs
7700 North Kendall Drive	**Analysis Turnaround Time**			Sampler:
Miami, Florida 33156	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
305.412.8185 Phone	TAT if different from Below ____			Walk-in Client:
305.412.8105 FAX	☐ 2 weeks			Lab Sampling:
Project Name: Curtis Park	☐ 1 week			
Site: 1901 NW 24th Ave, Miami, FL	☐ 2 days			Job / SDG No.: 640-46932
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	[redacted]	Dioxins (8290)	PCBs (8082)	Metals #1	Metals #2	Sample Specific Notes:
SB-58 (0-0.5)	24-Feb-14	9:15	C	So							X	X	Metal #1
SB-58 (0.5-2)	"	9:18	C	So							X		Sb, As, Ba, Cu,
SB-59 (0-0.5)	"	9:20	C	So							X		Fe + Pb
SB-59 (0.5-2)	"	9:23	C	So							X		
SB-60 (0-0.5)	"	9:45	C	So							X	X	Metals #2
SB-60 (0.5-2)	"	9:48	C	So							X		Cd, Cr, Hg, Se +
SB-61 (0-2)	"	9:55	C	So							X		Ag
SB-61 (0-1)	"	9:58	C	So									HOLD
SB-61 (1-2)	"	10:01	C	So									HOLD
SB-62 (0-2)	"	10:06	C	So							X	X	
SB-62 (0-1)	"	10:09	C	So									HOLD
SB-62 (1-2)	"	10:12	C	So									HOLD

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other

640-46932 Chain of Custody

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for ____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temp. (°C): Obs'd: ____ Corr'd: ____	Therm ID No.: ____
Relinquished by: Juan Pagls	Company: SCS ES	Date/Time: 24-Feb-14 15:00	Received by: [signature] Company: TA Date/Time: 2/27/14 1500
Relinquished by:	Company:	Date/Time:	Received by: Carol McNulty Company: TA Tampa Date/Time: 2/25/14 0900
Relinquished by:	Company:	Date/Time:	Received in Laboratory by: Company: Date/Time:

TestAmerica Tallahassee
2846 Industrial Plaza Drive

Tallahassee, FL 32301
phone 850.878.3994 fax

Chain of Custody Record

AREA#7-POOL

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Eddy Smith	Site Contact: Brittney Odom	Date:	COC No: 640-46932.2
SCS Engineers:	Tel/Fax:	Lab Contact: Amy Marks	Carrier:	____ of ____ COCs
7700 North Kendall Drive	**Analysis Turnaround Time**			Sampler:
Miami, Florida 33156	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
305.412.8185 Phone	TAT if different from Below ____			Walk-in Client:
305.412.8105 FAX	☐ 2 weeks			Lab Sampling:
Project Name: Curtis Park	☐ 1 week			
Site: 1901 NW 24th Ave, Miami, FL	☐ 2 days			Job / SDG No.: 640-46932
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	[redacted]	Dioxins (8290)	PCBs (8082)	Metals #1	Metals #2														Sample Specific Notes:
SB-63 (0-2)	24-Feb-14	10:20	C	So							X															Metals #1
SB-63 (0-1)	"	10:23	C	So																		HOLD				Sb, As, Ba, Cu,
SB-63 (1-2)	"	10:24	C	So																		HOLD				Fe, + Pb
SB-64 (0-2)	"	9:11									X															
SB-64 (0-1)		9:05																								Metals #2
SB-64 (1-2)		9:08																								

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= NaOH, 5= NaOH+Zn Acetate, 6= Other: ____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for ____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temp. (°C): Obs'd: ____ Corr'd: ____	Therm ID No.: ____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	SCS ES	24-Feb-14 15:00	[signature]	TA	2/24/14 1500
Relinquished by:	Company:	Date/Time:	Received by: [signature]	Company: TA Tampa	Date/Time: 2/25/14 0900
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

3/13/2014

TestAmerica Tallahassee
2846 Industrial Plaza Drive

Tallahassee, FL 32301
phone 850.878.3994 fax

Chain of Custody Record

Area #6 - FOOTBALL FIELD. ~~COORDS~~ MP

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Eddy Smith	Site Contact: Brittney Odom	Date:	COC No: 640-46934.1
SCS Engineers	Tel/Fax:	Lab Contact: Amy Marks	Carrier:	_____ of _____ COCs
7700 North Kendall Drive	**Analysis Turnaround Time**			Sampler:
Miami, Florida 33156	☐ CALENDAR DAYS ☐ WORKING DAYS			**For Lab Use Only:**
305.412.8185 Phone	TAT if different from Below _____			Walk-in Client:
305.412.8105 FAX	☐ 2 weeks			Lab Sampling:
Project Name: Curtis Park	☐ 1 week			
Site: 1901 NW 24th Ave, Miami, FL	☐ 2 days			Job / SDG No.:
PO#	☐ 1 day			640-46934

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	[redacted]	Dioxins (8290)	PCBs (8082)	Metal #1	Metals #2	Sample Specific Notes:
SB-50 (0-0.5)	24-Feb-14	11:20	C	So							X	X	Metals #1
SB-50 (0.5-1.5)	"	11:23	C	So							X		Sb, As, Ba, Cu, Fe & Pb
SB-50 (1.5-2)	"	11:24	C	So							X		
SB-51 (0-1)	"	11:25	C	So							X		Metals #2
SB-51 (1-2)	"	11:28	C	So							X		Cd, Cr, Hg, Se & Ag
SB-52 (0-2)	"	11:40	C	So							X	X	
SB-52 (0-1)	"	11:43	C	So									HOLD
SB-52 (1-2)	"	11:46	C	So									HOLD
SB-53 (0-0.5)	"	11:55	C	So							X		
SB-53 (0.5-2)	"	11:58	C	So							X		
SB-54 (0-0.5)	"	12:05	C	So							X		
SB-54 (0.5-1)	"	12:08	C	So							X		

640-46934 Chain of Custody

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for_____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temp. (°C): Obs'd:	Corr'd:	Therm ID No.:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	SCS ES	24-Feb-14 1500	M. M	TA	2/24/14 1500
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
			Carol McNulty	2/25/14	0900
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

3/13/2014

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phone 850.878.3994 fax

Chain of Custody Record

AREA #6 - FOOTBALL FIELD

TestAmerica
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TestAmerica Laboratories, Inc.

3/13/2014

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Eddy Smith	Site Contact: Brittney Odom	Date:	COC No: 640-46934.2
SCS Engineers	Tel/Fax:	Lab Contact: Amy Marks	Carrier:	____ of ____ COCs
7700 North Kendall Drive	Analysis Turnaround Time			Sampler:
Miami, Florida 33156	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
305.412.8185 Phone	TAT if different from Below ____			Walk-in Client:
305.412.8105 FAX	☐ 2 weeks			Lab Sampling:
Project Name: Curtis Park	☐ 1 week			
Site: 1901 NW 24th Ave, Miami, FL	☐ 2 days			Job / SDG No.: 640-46934
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	[redacted]	Dioxins (8290)	PCBs (8082)	Metal #1	Metal #2	Sample Specific Notes:
SB-54 (1-2)	24-Feb-14	12:11	C	So							X		Metal #1
SB-55 (0-0.5)	"	12:20	C	So							X		Sb, As, Ba, Cu, Fe, Pb
SB-55 (0.5-1.5)	"	12:23	C	So							X		
SB-55 (1.5-2)	"	12:24	C	So							X		Metals #2
SB-56 (0-2)	"	12:30	C	So							X	X	Cd, Cr, Hg, Se & Ag
SB-56 (0-1)	"	12:33	C	So									HOLD
SB-56 (1-2)	"	12:36	C	So									HOLD
SB-57 (0-2)	"	12:42	C	So							X	X	
SB-57 (0-1)	"	12:45	C	So									HOLD
SB-57 (1-2)	"	12:48	C	So									HOLD

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for ____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temp. (°C): Obs'd: ____ Corr'd: ____	Therm ID No.: ____

	Company	Date/Time	Received by	Company	Date/Time
Relinquished by:	SCS ES	24-Feb-14 15:00		TA	2/25/14 1500
Relinquished by:	Company:	Date/Time:	Received by:	Company: TA-Tampa	Date/Time: 2/25/14 0900
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

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Chain of Custody Record

AREA 1 - Baseball (Perimeter)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

3/13/2014

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Eddy Smith	Site Contact: Brittney Odom	Date:	COC No:
SCS Engineers	Tel/Fax:	Lab Contact: Amy Marks	Carrier:	____ of ____ COCs
7700 North Kendall Drive	Analysis Turnaround Time			Sampler:
Miami, Florida 33156	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
305.412.8185 Phone	TAT if different from Below ____			Walk-in Client:
305.412.8105 FAX	☐ 2 weeks			Lab Sampling:
Project Name: Curtis Park	☐ 1 week			Job / SDG No.:
Site: 1901 NW 24th Ave, Miami, FL	☐ 2 days			640-46968
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Metals 6010 (Sb, As, Ba, Cu, Pb, Fe)	Metals 6010/7471 (Cd, Cr, Hg, Se, Ag)	Dioxins (8290)	PCBs (8082)	Sample Specific Notes:
SB-18 (0-0.5)	25-Feb-14	10:02	C	So	2			X	X			
SB-18 (0.5-1.5)	"	10:04	C	So	2			X	X			
SB-18 (1.5-2)	"	10:06	C	So	2			X	X			
SB-19 (0-0.75)	"	12:56	C	So	2			X				
SB-19 (0.75-2)	"	12:58	C	So	2			X				
SB-20 (0-0.5)	"	11:45	C	So	2			X	X			
SB-20 (0.5-2)	"	11:47	C	So	2			X	X			
SB-21 (0-0.5)	"	10:50	C	So	2			X				
SB-21 (0.5-2)	"	11:52	C	So	2			X				
SB-22 (0-0.5)	"	9:48	C	So	2			X	X			
SB-22 (0.5-1.5)	"	9:50	C	So	2			X	X			
SB-22 (1.5-2)	"	9:52	C	So	2			X	X			

640-46968 Chain of Custody

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for ____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: ____ Corr'd: ____ | Therm ID No.: ____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	SCSES	25-Feb-14 1500	[signature]	TA	2/25/14 1500
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]			[signature]	TA-Tampa	2/26/14 0840
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

4.4 4.7° C cu07

TestAmerica Tallahassee
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Tallahassee, FL 32301
phone 850.878.3994 fax

Chain of Custody Record

AREA #1 - Baseball (Perimeter).

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

3/13/2014

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Eddy Smith	Site Contact: Brittney Odom	Date:	COC No:
SCS Engineers	Tel/Fax:	Lab Contact: Amy Marks	Carrier:	____ of ____ COCs
7700 North Kendall Drive	Analysis Turnaround Time			Sampler:
Miami, Florida 33156	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
305.412.8185 Phone	TAT if different from Below ____			Walk-in Client:
305.412.8105 FAX	☐ 2 weeks			Lab Sampling:
Project Name: Curtis Park	☐ 1 week			
Site: 1901 NW 24th Ave, Miami, FL	☐ 2 days			Job / SDG No.:
P O #	☐ 1 day			440-46968

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Metals 6010 (Sb, As, Ba, Cu, Pb, Fe)	Metals 6010/7471 (Cd, Cr, Hg, Se, Ag)	Dioxins (8290)	PCBs (8082)	Sample Specific Notes:
SB-23 (0-0.5)	25-Feb-14	11:32	C	So	2			X				
SB-23 (0.5-2)	"	11:34	C	So	2			X				
SB-24 (0-0.5)	"	11:40	C	So	2			X	X			
SB-24 (0.5-2)	"	11:42	C	So	2			X	X			
SB-25 (0-0.5)	"	11:15	C	So	2			X				
SB-25 (0.5-2)	"	11:17	C	So	2			X				
SB-26 (0-0.5)	"	11:21	C	So	2			X				
SB-26 (0.5-1)	"	11:23	C	So	2			X				
SB-26 (1-2)	"	11:25	C	So	2			X				

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for ____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: ____ Corr'd: ____ Therm ID No.: ____

	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by: Dw Pace	SCS ES	25-Feb-14 15:00		TA	2/25/14 1500
Relinquished by:	Company:	Date/Time:	Received by: Carol McNulty	Company: TA Tampa	Date/Time: 2/26/14 0840
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

4.4 4.7 C CM07

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phone 850.878.3994 fax

Chain of Custody Record

AREA #2 - Baseball Field

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

3/13/2014

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Eddy Smith	Site Contact: Brittney Odom	Date:	COC No:
SCS Engineers	Tel/Fax:	Lab Contact: Amy Marks	Carrier:	_____ of _____ COCs
7700 North Kendall Drive	**Analysis Turnaround Time**			Sampler:
Miami, Florida 33156	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
305.412.8185 Phone	TAT if different from Below _____			Walk-in Client:
305.412.8105 FAX	☐ 2 weeks			Lab Sampling:
Project Name: Curtis Park	☐ 1 week			
Site: 1901 NW 24th Ave, Miami, FL	☐ 2 days			Job / SDG No.:
P O #	☐ 1 day			640-46973

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Metals 6010 (Sb, Ag, Ba, Cu, Pb, Fe)	Metals 6010/7471 (Cd, Cr, Hg, Se, Ag)	Dioxins (8290)	PCBs (8082)	Sample Specific Notes:
SB-27 (0-1)	25-Feb-14	10:27	C	So	2			X				
SB-27 (1-1.5)	"	10:29	C	So	2			X				
SB-27 (1.5-2)	"	10:31	C	So	2			X				
SB-28 (0.5-0.5)	"	10:36	C	So	2			X				
SB-28 (0.5-2)	"	10:38	C	So	2			X				
SB-29 (0-1)	"	10:43	C	So	2			X				
SB-29 (1-2)	"	10:45	C	So	2			X				
SB-30 (0-1)	"	10:52	C	So	2			X				
SB-30 (1-2)	"	10:54	C	So	2			X				
SB-31 (0-1)	"	11:02	C	So	2			X				
SB-31 (1-2)	"	11:04	C	So	2			X				

640-46973 Chain of Custody

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for_____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ | Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
V.Davis	SCS ES	25-Feb-14 15:00		TA	2/25/15 1500
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
			Carol McMullen	TA Tampa	2/26/14 0840
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

U.4 U.7° C cu07

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Chain of Custody Record

AREA #5A - Western Bleachers.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

3/13/2014

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Eddy Smith	Site Contact: Brittney Odom	Date:	COC No:
SCS Engineers	Tel/Fax:	Lab Contact: Amy Marks	Carrier:	____ of ____ COCs
7700 North Kendall Drive	Analysis Turnaround Time			Sampler:
Miami, Florida 33156	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
305.412.8185 Phone	TAT if different from Below ____			Walk-in Client:
305.412.8105 FAX	☐ 2 weeks			Lab Sampling:
Project Name: Curtis Park	☐ 1 week			
Site: 1901 NW 24th Ave, Miami, FL	☐ 2 days			Job / SDG No.:
P O #	☐ 1 day			640-46976

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Metals 6010 (Sb, As, Ba, Cu, Pb, Fe)	Metals 6010/7471 (Cd, Cr, Hg, Se, Ag)	Dioxins (8290)	PCBs (8082)	Sample Specific Notes:
SB-47 (0-1)	25-Feb-14	1400	C	So	2			X	X			
SB-47 (1-2)	"	14:02	C	So	2			X				
SB-48 (0-0.5)	"	14:10	C	So	2			X				
SB-48 (0.5-1.5)	"	14:12	C	So	2			X				
SB-48 (1.5-2)	"	14:14	C	So	2			X				

640-46976 Chain of Custody

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for ____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: ____ Corr'd: ____ | Therm ID No.: ____

	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	SCS ES	25-Feb-14 1500		TA	2/25/14
Relinquished by:	Company:	Date/Time:	Received by: Carol McMullen	Company: TA Tampa	Date/Time: 2/26/14 0840
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Tallahassee
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Tallahassee, FL 32301
phone 850.878.3994 fax

ROW Samples (NW 20 Street)

TestAmerica Laboratories, Inc.

3/13/2014

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Eddy Smith	Site Contact: Brittney Odom	Date:	COC No:
SCS Engineers	Tel/Fax:	Lab Contact: Amy Marks	Carrier:	____ of ____ COCs
7700 North Kendall Drive	**Analysis Turnaround Time**			Sampler:
Miami, Florida 33156	☐ CALENDAR DAYS ☐ WORKING DAYS			**For Lab Use Only:**
305.412.8185 Phone	TAT if different from Below ____			Walk-in Client:
305.412.8105 FAX	☐ 2 weeks			Lab Sampling:
Project Name: Curtis Park	☐ 1 week			Job / SDG No.: 640-47001
Site: 1901 NW 24th Ave, Miami, FL	☐ 2 days			
PO #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Metals 6010 (Sb, As, Ba, Cu, Pb, Fe)	Metals 6010/7471 (Cd, Cr, Hg, Se, Ag)	Dioxins (8290)	PCBs (8082)	Sample Specific Notes:
SB-81 (0-0.5)	26-Feb-14	13:50	C	So	2			X				
SB-81 (0.5-1)	"	13:52	C	So	2			X				
SB-81 (1-2)	"	13:54	C	So	2			X				

640-47001 Chain of Custody

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for ____ Months

Special Instructions/QC Requirements & Comments:

Cooler Temp. (°C): Obs'd:____ Corr'd:____ Therm ID No.:____

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:				
Relinquished by:	Company: SCS	Date/Time: 2/26 1800	Received by:	Company:	Date/Time: 2-26-14 1530
Relinquished by:	Company:	Date/Time: 2-26-14 1800	Received by:	Company: FedEx	Date/Time: 2/27/14 9:05
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

4.3 Cooler-07

TestAmerica Tallahassee
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Chain of Custody Record

ROW Samples #2 (NW 23 Ave, North)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

3/13/2014

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other: 640-47002

Client Contact	Project Manager: Eddy Smith	Site Contact: Brittney Odom	Date:	COC No:
SCS Engineers	Tel/Fax:	Lab Contact: Amy Marks	Carrier:	____ of ____ COCs
7700 North Kendall Drive	Analysis Turnaround Time			Sampler:
Miami, Florida 33156	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
305.412.8185 Phone	TAT if different from Below ____			Walk-in Client:
305.412.8105 FAX	☐ 2 weeks			Lab Sampling:
Project Name: Curtis Park	☐ 1 week			
Site: 1901 NW 24th Ave, Miami, FL	☐ 2 days			Job / SDG No.:
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Metals 6010 (Sb, As, Ba, Cu, Pb, Fe)	Metals 6010/7471 (Cd, Cr, Hg, Se, Ag)	Dioxins (8290)	PCBs (8082)	Sample Specific Notes:
SB-72 (0-0.5)	26-Feb-14	10:18	C	So	2			X				
SB-72 (0.5-1)	"	10:20	C	So	2			X				
SB-72 (1-2)	"	10:22	C	So	2			X				
SB-73 (0-0.5)	"	11:24	C	So	2			X				
SB-73 (0.5-1)	"	11:26	C	So	2			X				
SB-73 (1-2)	"	11:28	C	So	2			X				
SB-74 (0-0.5)	"	11:05	C	So	2			X				
SB-74 (0.5-1)	"	11:07	C	So	2			X				
SB-74 (1-2)	"	11:09	C	So	2			X				
SB-75 (0-0.5)	"	10:48	C	So	2			X				
SB-75 (0.5-1)	"	10:50	C	So	2			X				
SB-75 (1-2)	"	10:52	C	So	2			X				

640-47002 Chain of Custody

Page 84 of 89

Preservation Used: 1=Ice, 2=HCl, 3=H2SO4, 4=HNO3, 5=NaOH, 6=Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for ____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: ____ Corr'd: ____ | Therm ID No.: ____

	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	SCS	26/2/14 1800			2-26-14 1530
Relinquished by:	Company:	Date/Time: 2-26-14 1800	Received by:	Company: TAL TA	Date/Time: 2/27/14 9:25
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

5.9°C Cu-81

TestAmerica Tallahassee
2846 Industrial Plaza Drive
Tallahassee, FL 32301
phone 850.878.3994 fax

Chain of Custody Record

ROW Samples #2 (NW 23 Ave, North)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other: 640-47002

3/13/2014

Client Contact	Project Manager: Eddy Smith	Site Contact: Brittney Odom	Date:	COC No:
SCS Engineers	Tel/Fax:	Lab Contact: Amy Marks	Carrier:	____ of ____ COCs
7700 North Kendall Drive	Analysis Turnaround Time			Sampler:
Miami, Florida 33156	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
305.412.8185 Phone	TAT if different from Below ____			Walk-in Client:
305.412.8105 FAX	☐ 2 weeks			Lab Sampling:
Project Name: Curtis Park	☐ 1 week			Job / SDG No.:
Site: 1901 NW 24th Ave, Miami, FL	☐ 2 days			
PO #	☐ 1 day			Sample Specific Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Metals 6010 (Sb, As, Ba, Cu, Pb, Fe)	Metals 6010/7471 (Cd, Cr, Hg, Se, Ag)	Dioxins (8290)	PCBs (8082)
SB-76(0-0.5)	26-Feb-14	10:40	C	So	2			X			
SB-76 (0.5-1)	"	10:42	C	So	2			X			
SB-76 (1-2)	"	10:44	C	So	2			X			

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4=HNO3, 5=NaOH, 6= Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for ____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: ____ Corr'd: ____ | Therm ID No.: ____

	Company	Date/Time		Company	Date/Time
Relinquished by:	SCS	2/26/14 1800	Received by:		2-26-14 1530
Relinquished by:		2-26-14 1800	Received by:	FTTPA	2/27/14 9:05
Relinquished by:			Received in Laboratory by:		

5.5c COC

TestAmerica Tallahassee
2846 Industrial Plaza Drive

Tallahassee, FL 32301
phone 850.878.3994 fax

ROW Samples # 3 (NW. 20 Street)

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

3/13/2014

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Eddy Smith	Site Contact: Brittney Odom	Date:	COC No:
SCS Engineers	Tel/Fax:	Lab Contact: Amy Marks	Carrier:	____ of ____ COCs
7700 North Kendall Drive	Analysis Turnaround Time			Sampler:
Miami, Florida 33156	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
305.412.8185 Phone	TAT if different from Below _____			Walk-in Client:
305.412.8105 FAX	☐ 2 weeks			Lab Sampling:
Project Name: Curtis Park	☐ 1 week			Job / SDG No.: 640-47003
Site: 1901 NW 24th Ave, Miami, FL	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Metals 6010 (Sb, As, Ba, Cu, Pb, Fe)	Metals 6010/7471 (Cd, Cr, Hg, Se, Ag)	Dioxins (8290)	PCBs (8082)	Sample Specific Notes:
SB-77 (0-0.5)	26-Feb-14	13:14	C	So	2			X				
SB-77 (0.5-1)	"	13:16	C	So	2			X				
SB-77 (1-2)	"	13:18	C	So	2			X				
SB-78 (0-0.5)	"	13:24	C	So	2			X				
SB-78 (0.5-1)	"	13:28	C	So	2			X				
SB-78 (1-2)	"	13:30	C	So	2			X				
SB-79 (0-0.5)	"	13:40	C	So	2			X				
SB-79 (0.5-1)	"	13:42	C	So	2			X				
SB-79 (1-1.5)	"	13:44	C	So	2			X				
SB-80 (0-0.5)	"	13:50	C	So	2			X				
SB-80 (0.5-1)	"	13:52	C	So	2			X				
SB-80 (1-2)	"	13:54	C	So	2			X				

640-47003 Chain of Custody

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ Therm ID No.: _____

	Company	Date/Time		Company	Date/Time
Relinquished by:	SCS	2/26/1800	Received by:		2-26-14 1530
Relinquished by:		2-26-14 1800	Received by:	TATA	2/27/14 9:05
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

4.3°C CU-07

TestAmerica Tallahassee
2846 Industrial Plaza Drive

Tallahassee, FL 32301
phone 850.878.3994 fax

Chain of Custody Record

ROW Samples #1 (NW 23 Ave, South)

TestAmericc
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Eddy Smith	Site Contact: Brittney Odom	Date:	COC No:
SCS Engineers	Tel/Fax:	Lab Contact: Amy Marks	Carrier:	____ of ____ COCs
7700 North Kendall Drive	Analysis Turnaround Time			Sampler:
Miami, Florida 33156	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
305.412.8185 Phone	TAT if different from Below ____			Walk-in Client:
305.412.8105 FAX	☐ 2 weeks			Lab Sampling:
Project Name: Curtis Park	☐ 1 week			
Site: 1901 NW 24th Ave, Miami, FL	☐ 2 days			Job / SDG No.: 640-47004
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Metals 6010 (Sb, As, Ba, Cu, Pb, Fe)	Metals 6010/7471 (Cd, Cr, Hg, Se, Ag)	Dioxins (8290)	PCBs (8082)	Sample Specific Notes:
SB-69(0-0.5)	26-Feb-14	11:52	C	So	2			X				
SB-69(0.5-1)	"	11:54	C	So	2			X				
SB-69(1-2)	"	11:56	C	So	2			X				
SB-70(0-0.5)	"	12:10	C	So	2			X				
SB-70(0.5-1)	"	12:12	C	So	2			X				
SB-70(1-2)	"	12:14	C	So	2			X				
SB-71(0-0.5)	"	11:40	C	So	2			X				
SB-71(0.5-1)	"	11:42	C	So	2			X				
SB-71(1-2)	"	11:44	C	So	2			X				

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other

640-47004 Chain of Custody

Page 87 of 89

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for ____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: ____ Corr'd: ____ | Therm ID No.: ____

	Company	Date/Time		Company	Date/Time
Relinquished by:	SCS	2/26/1800	Received by:		2-26-14 1530
Relinquished by:		2-26-14 1800	Received by:	TATFA	2/27/14 9.05
Relinquished by:			Received in Laboratory by:		

5.9°C Cu-07

TestAmerica Tallahassee
2846 Industrial Plaza Drive

Tallahassee, FL 32301
phone 850.878.3994 fax

Area 3A - Playground.

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

3/13/2014

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Eddy Smith	Site Contact: Brittney Odom	Date:	COC No:
SCS Engineers	Tel/Fax:	Lab Contact: Amy Marks	Carrier:	____ of ____ COCs
7700 North Kendall Drive	Analysis Turnaround Time			Sampler:
Miami, Florida 33156	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
305.412.8185 Phone	TAT if different from Below ____			Walk-in Client:
305.412.8105 FAX	☐ 2 weeks			Lab Sampling:
Project Name: Curtis Park	☐ 1 week			Job / SDG No.:
Site: 1901 NW 24th Ave, Miami, FL	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Metals 6010 (Sb, As, Ba, Cu, Pb, Fe)	Metals 6010/7471 (Cd, Cr, Hg, Se, Ag)	Dioxins (8290)	PCBs (8082)	Sample Specific Notes:
SB-36 (0-0.5)	26-Feb-14	9:53	C	So	2			X	X			
SB-36 (0.5-1)	"	9:55	C	So	2			X	X			
SB-36 (1-2)	"	9:57	C	So	2			X	X			
SB-37 (0-0.5)	"	9:38	C	So	2			X				
SB-37 (0.5-1.5)	"	9:40	C	So	2			X				
SB-37 (1.5-2)	"	9:42	C	So	2			X				
SB-38 (0-0.5)	"	9:38	C	So	2			X	X			
SB-38 (0.5-1)	"	9:40	C	So	2			X	X			
SB-38 (1-2)	"	9:42	C	So	2			X	X			
SB-39 (0-0.5)	"	9:26	C	So	2			X				
SB-39 (0.5-2)	"	9:28	C	So	2			X				

640-47005 Chain of Custody

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for ____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: ____ Corr'd: ____ | Therm ID No.: ____

	Company	Date/Time		Company	Date/Time
Relinquished by:	SCS	2-26 1800	Received by:		2-26-14 1530
Relinquished by:		2-26-14 1800	Received by:		2-27-14 9:05
Relinquished by:			Received in Laboratory by:		

20 °C CU-07

TestAmerica Tallahassee
2846 Industrial Plaza Drive

Tallahassee, FL 32301
phone 850.878.3994 fax

AREA 3 - Playground

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

3/13/2014

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Eddy Smith	Site Contact: Brittney Odom	Date:	COC No:
SCS Engineers	Tel/Fax:	Lab Contact: Amy Marks	Carrier:	____ of ____ COCs
7700 North Kendall Drive	Analysis Turnaround Time			Sampler:
Miami, Florida 33156	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
305.412.8185 Phone	TAT if different from Below _____			Walk-in Client:
305.412.8105 FAX	☐ 2 weeks			Lab Sampling:
Project Name: Curtis Park	☐ 1 week			Job / SDG No.:
Site: 1901 NW 24th Ave, Miami, FL	☐ 2 days			640-47006
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Metals 6010 (Sb, As, Ba, Cu, Pb, Fe)	Metals 6010/7471 (Cd, Cr, Hg, Se, Ag)	Dioxins (8290)	PCBs (8082)	Sample Specific Notes:
SB-32 (0-0.5)	26-Feb-14	8:47	C	So	2			X	X			
SB-32 (0.5-1)	"	8:49	C	So	2			X	X			
SB-32 (1-2)	"	8:51	C	So	2			X	X			
SB-33 (0-0.5)	"	9:08	C	So	2			X				
SB-33 (0.5-1)	"	9:10	C	So	2			X				
SB-33 (1-2)	"	9:12	C	So	2			X				
SB-34 (0-0.5)	"	9:15	C	So	2			X	X			
SB-34 (0.5-1)	"	9:17	C	So	2			X	X			
SB-34 (1-2)	"	9:19	C	So	2			X	X			
SB-35 (0-0.5)	"	9:02	C	So	2			X				
SB-35 (0.5-1.25)	"	9:04	C	So	2			X				
SB-35 (1.25-2)	"	9:06	C	So	2			X				

640-47006 Chain of Custody

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for_____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	SCS	2/26/14 1800		~	2-26-14 1530
Relinquished by:		2.26.14 1800			2-27-14 9:05
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

2.0°C, 5.9°, 5.5°, 4.3°C CW07

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tallahassee
2846 Industrial Plaza Drive
Tallahassee, FL 32301
Tel: (850)878-3994

TestAmerica Job ID: 640-46930-3
Client Project/Site: Curtis Park

For:
SCS ES Consultants
7700 N. Kendall Drive, Suite 300
Miami, Florida 33156

Attn: Mr. Bob Speed

Authorized for release by:
4/10/2014 2:39:44 PM

Amy Marks, Project Manager II
(850)878-3994
amy.marks@testamericainc.com

Table of Contents

Qualifiers

DIOXIN

Qualifier	Qualifier Description
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
J	Estimated value; value may not be accurate.
V	Indicates the analyte was detected in both the sample and method blank.
C	See case narrative.
U	The compound was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 640-46930-3

Laboratory: TestAmerica Tallahassee

Narrative

Comments

Dioxin/Furan results only are included in the attached report for samples activated by the client on March 20, 2014. All other results are reported under separate cover.

Sample Receipt

The original chain of custody documentation is included with this report.

Quality Control and Data Interpretation

Unless otherwise noted, all holding times and QC criteria were met and the test results shown in this report meet all applicable NELAC requirements.

For solid and sediments samples, the sample results are reported on a dry weight basis where indicated.

All QC criteria were met with following exceptions:

The percent recovery for OCDD was 0.8% on SB-72(0.5-1) Matrix Spike Duplicate. The lower acceptance criterion is 31%. The recovery in the laboratory control sample met its acceptance criterion indicating sample matrix effects.

Comments:

All positive 2378-TCDF hits at or above the minimum level were confirmed on a DB-225 column.

The 2378-TCDF result for samples SB-31 (1-2) (Original), (Matrix Spike) and (Matrix Spike Duplicate) are reported with an “C” qualifier to indicate that this analyte was reported from the DB-225 analytical column analysis. All other analytes for these samples were reported from the RTX-5 analytical column analysis.

The 2378-TCDF result for samples SB-72 (0.5-1) (Original), (Matrix Spike) and (Matrix Spike Duplicate) are reported with an “C” qualifier to indicate that this analyte was reported from the DB-225 analytical column analysis. All other analytes for these samples were reported from the RTX-5 analytical column analysis.

The following flags are used to qualify results for chlorinated dioxin and furan results:

J - The reported result is an estimate. The amount reported is below the Minimum Level (ML). The qualitative definition of the ML is “the lowest level at which the analytical system must give a reliable signal and an acceptable calibration point”. The ML was introduced in EPA Methods 1624 and 1625 in 1980 and was promulgated in these methods in 1984 at 40 CFR Part 136, Appendix A. For the purposes of this report, the ML is qualitatively defined as described above, and quantitatively defined as follows:

Minimum Level: The concentration or mass of analyte in the sample that corresponds to the lowest calibration level in the initial calibration. It represents a concentration (in the sample extract) equivalent to that of the lowest calibration standard, after corrections for method-specified sample weights, volumes and cleanup procedures has been employed.

Example: The lowest calibration level for TCDD in the initial calibration is 0.5 pg/uL. A mass of 10 pg of 2,3,7,8-TCDD in the sample would result in a concentration of 0.5 pg/uL in the sample extract (at a final volume of 20 uL). Since the concentration in the sample extract corresponds to the concentration in the lowest calibration standard, the 10 pg mass in the sample components is the ML. If the sample extract is further diluted, the ML will increase by the dilution factor.

Example: A 1/10 dilution is performed on the sample extract described above. The ML for 2,3,7,8-TCDD becomes 100 pg

Job ID: 640-46930-3 (Continued)

Laboratory: TestAmerica Tallahassee (Continued)

rather than the default of 10 pg.

E - The reported result is an estimate. The amount reported is above the Upper Calibration Level (UCL) described below. The quantitative definition of the UCL is listed below:

Upper Calibration Level: The concentration or mass of analyte in the sample that corresponds to the highest calibration level in the initial calibration. It is equivalent to the concentration of the highest calibration standard, assuming that all method-specified sample weights, volumes, and cleanup procedures have been employed.

Example: The maximum calibration level for TCDD in the initial calibration is 200 pg/uL. A mass of 4000 pg of 2,3,7,8-TCDD in the sampling components would result in a concentration of 200 pg/uL in the sample extract (at a final volume of 20 uL). Since the concentration in the sample extract corresponds to the concentration in the highest calibration standard, the 4000 pg mass in the sample components is the UCL. If the sample extract is further diluted, the ML will increase by the dilution factor.

Example: A 1/10 dilution is performed on the sample extract described above. The UCL for 2,3,7,8-TCDD becomes 40,000 pg rather than the default of 4000 pg. In this example, all positive 2,3,7,8-TCDD results above 40,000 pg are flagged with an E.

V - The analyte is present in the associated method blank at a detectable level. For this analysis, there is no method specified reporting level other than the qualitative criterion that peaks must exhibit a signal-to-noise ratio of >2.5 to 1. Therefore, the presence of any reportable amount of the analyte in the blank will result in a B qualifier on all associated samples.

Q - Estimated maximum possible concentration. This qualifier is used when the result is generated from chromatographic data that does not meet all the qualitative criteria for a positive identification given in the method. These may include one or more of the following:

- Ion abundance ratios must be within specified limits (+/-15% of theoretical ion abundance ratio).
- Retention time criteria (relative to the method-specified isotope labeled retention time standard).
- Co-maximization criterion. The two quantitation ion peaks must reach their maxima within 2 seconds of each other.
- 2,3,7,8-TCDF result is reported from the non-isomer specific Rtx-5 column.
- Polychlorinated dibenzofuran purity. An interference may be present on the indicated polychlorinated dibenzofuran when a polychlorinated diphenyl ether peak is present and maximizes within +/- 3 seconds of the dibenzofuran candidate.

S - Ion suppression evident. The trace indicating the signal from the lock mass of the calibration compound shows a deflection at the retention time of the analyte. This may indicate a temporary suppression of the instrument sensitivity due to a matrix-borne interference.

C - Coeluting Isomer. The isomer is known to coelute with another member of its homologue group, or the peak shape is shouldered, indicating the likelihood of a coeluting isomer.

X - Other. See explanation in narrative.

Laboratory studies supporting risk assessment and Total Maximum Daily Load (TMDL) evaluations, frequently use qualified data reported as low as the Method Detection Limit (MDL), or the Estimated Detection Limit (EDL). Several of EPA's isotope dilution methods employ the EDL.1,2,3 The EDL is based on a direct measurement of the signal-to-noise (S/N) ratio acquired during sample analysis. This S/N measurement is used to calculate the concentration in the sample corresponding to the minimum intensity of the smallest quantifiable peak. The EDL reflects the amount of the particular analyte which would be required to cause a positive result for the particular analysis. Because the S/N obtained covaries with recovery, instrument sensitivity and sample-specific cleanup efficacy, the EDL is a more valid measure of the sensitivity of the entire analytical process for the specific

Job ID: 640-46930-3 (Continued)

Laboratory: TestAmerica Tallahassee (Continued)

sample than is an MDL run periodically on a reference matrix.
The EDL is typically calculated according to the following equation:

Where:

N	=	peak to peak noise of quantitation ion signal in the region of the ion chromatogram where the compound of interest is expected to elute
His	=	peak height of quantitation ion for appropriate internal standard
Qis	=	ng of internal standard added to sample
RRF	=	mean relative response factor of compound obtained during initial calibration
W	=	amount of sample extracted (grams or liters)
S	=	percent solids (optional, if results are requested to be reported on dry weight basis)

(The area of the internal standard is sometimes used instead of height, along with an area-to-height conversion factor.)

This method of estimating the detection limit differs from the MDL in that it does not carry the requirement that the sample be statistically distinguished as being from a contaminated population. As results approach the EDL, the risk of false positives and the analytical uncertainty increase significantly. However, a low false positive well below the ML or MDL is often closer to the true value than an assumption that the target analyte is present at the detection or reporting limits. For relatively clean samples, MDL studies may give an elevated estimate of the detection limit. Additionally, on contaminated samples, the MDL may give a falsely low estimate of the detection limit.

Where:

As	=	Sum of areas of the target peaks
Qis	=	ng of internal standard added to sample
Ais	=	Sum of areas of the internal standard peaks
RRF	=	mean relative response factor of compound obtained during initial calibration
W	=	amount of sample extracted (grams or liters)
S	=	percent solids (optional, if results are requested to be reported on dry weight basis)

In sample data, peaks must have an intensity of >2.5 times the height of the background noise in order to be considered. Careful examination of the two equations above reveals that for the concentration of the smallest peak detectable (per the EDL equation) to exactly equal the smallest peaks that are calculated, requires that the average height to area ratio obtained during the calibration must equal the area to height ratio for every peak obtained near 2.5 times the noise. When the area to height ratio on a peak in a sample is less than the average obtained during calibration, the calculated result will correspond to a peak that would have been less than 2.5 times the noise on the calibration. This is the result of normal variability. Because the source methods for the EDL (SW-846 8290 and 8280A) do not provide for censoring of results by any other magnitude standard than being 2.5 times the noise, the laboratory does not censor at the calculated EDL. Hence, detections may be reported below the estimated detection limits.

Footnotes:

1. Code of Federal Regulations, Part 136, Chapter 1, Appendix 1, October 1994: Method 1613 Tetra- Through Octa-Chlorinated Dioxins and Furans by Isotope Dilution High Resolution Gas Chromatography/High Resolution Mass Spectrometry.
2. U.S. EPA. Test Methods for Evaluating Solid Waste, Volume II, SW-846, Update III, December 1996. Method 8280A: The Analysis of Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans by High Resolution Gas Chromatography/Low Resolution Mass Spectrometry.
3. U.S. EPA. Test Methods for Evaluating Solid Waste, SW-846. Third Edition. March 1995 Method 8290: Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans by High Resolution Gas Chromatography/High Resolution Mass Spectrometry.

Detection Summary

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-46930-3

Client Sample ID: SB-42 (0-0.5)

Lab Sample ID: 640-46930-7

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	Dil Fac	D	Method	Prep Type
2,3,7,8-TCDD	0.00000012	J I	0.0000013	0.00000011	1	0.00000012	mg/kg	1	☼	8290	Total
1,2,3,7,8-PeCDD	0.00000080	J V I	0.0000066	0.00000060	1	0.00000080	mg/kg	1	☼	8290	Total
1,2,3,4,7,8-HxCDD	0.00000071	J I	0.0000066	0.00000060	0.1	0.00000007	mg/kg	1	☼	8290	Total
1,2,3,6,7,8-HxCDD	0.0000054	I	0.0000066	0.00000060	0.1	0.00000054	mg/kg	1	☼	8290	Total
1,2,3,7,8,9-HxCDD	0.0000036	C V I	0.0000066	0.00000060	0.1	0.00000036	mg/kg	1	☼	8290	Total
1,2,3,4,6,7,8-HpCDD	0.00018	V	0.0000066	0.00000012	0.01	0.000001 8	mg/kg	1	☼	8290	Total
OCDD	0.0023	V	0.000013	0.00000024	0.0003	0.00000069	mg/kg	1	☼	8290	Total
2,3,7,8-TCDF	0.0000013	I	0.0000013	0.00000060	0.1	0.00000013	mg/kg	1	☼	8290	Total
1,2,3,7,8-PeCDF	0.00000048	I	0.0000066	0.00000080	0.03	0.00000001	mg/kg	1	☼	8290	Total
2,3,4,7,8-PeCDF	0.00000065	J V I	0.0000066	0.00000080	0.3	0.00000020	mg/kg	1	☼	8290	Total
1,2,3,4,7,8-HxCDF	0.0000023	C V I	0.0000066	0.00000040	0.1	0.00000023	mg/kg	1	☼	8290	Total
1,2,3,6,7,8-HxCDF	0.0000035	J V I	0.0000066	0.00000040	0.1	0.00000035	mg/kg	1	☼	8290	Total
2,3,4,6,7,8-HxCDF	0.0000012	V I	0.0000066	0.00000040	0.1	0.00000012	mg/kg	1	☼	8290	Total
1,2,3,7,8,9-HxCDF	0.00000019	J V I	0.0000066	0.00000050	0.1	0.00000002	mg/kg	1	☼	8290	Total
1,2,3,4,6,7,8-HpCDF	0.000023	J V	0.0000066	0.00000070	0.01	0.00000023	mg/kg	1	☼	8290	Total
1,2,3,4,7,8,9-HpCDF	0.0000017	J V I	0.0000066	0.00000010	0.01	0.00000002	mg/kg	1	☼	8290	Total
OCDF	0.000089	V	0.000013	0.00000040	0.0003	0.00000003	mg/kg	1	☼	8290	Total

Client Sample ID: SB-42 (1.5-2)

Lab Sample ID: 640-46930-10

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	Dil Fac	D	Method	Prep Type
2,3,7,8-TCDD	0.0000030		0.0000013	0.00000017	1	0.0000030	mg/kg	1	☼	8290	Total
1,2,3,7,8-PeCDD	0.0000050	V I	0.0000063	0.00000012	1	0.0000050	mg/kg	1	☼	8290	Total
1,2,3,4,7,8-HxCDD	0.0000022	J I	0.0000063	0.00000050	0.1	0.00000022	mg/kg	1	☼	8290	Total
1,2,3,6,7,8-HxCDD	0.000016		0.0000063	0.00000060	0.1	0.0000016	mg/kg	1	☼	8290	Total
1,2,3,7,8,9-HxCDD	0.000012	C V	0.0000063	0.00000050	0.1	0.0000012	mg/kg	1	☼	8290	Total
1,2,3,4,6,7,8-HpCDD	0.000070	V	0.0000063	0.00000080	0.01	0.00000070	mg/kg	1	☼	8290	Total
OCDD	0.00030	V	0.000013	0.00000010	0.0003	0.00000009	mg/kg	1	☼	8290	Total
2,3,7,8-TCDF	0.0000092		0.0000013	0.00000032	0.1	0.00000092	mg/kg	1	☼	8290	Total
1,2,3,7,8-PeCDF	0.0000050	I	0.0000063	0.00000022	0.03	0.00000015	mg/kg	1	☼	8290	Total

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-42 (1.5-2) (Continued) — Lab Sample ID: 640-46930-10

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	Dil Fac	D	Method	Prep Type
2,3,4,7,8-PeCDF	0.0000070	J V	0.0000063	0.00000021	0.3	0.0000021	mg/kg	1	☼	8290	Total
1,2,3,4,7,8-HxCDF	0.0000096	C V	0.0000063	0.00000080	0.1	0.00000096	mg/kg	1	☼	8290	Total
1,2,3,6,7,8-HxCDF	0.000020	J V	0.0000063	0.00000080	0.1	0.0000020	mg/kg	1	☼	8290	Total
2,3,4,6,7,8-HxCDF	0.0000046	J V I	0.0000063	0.00000080	0.1	0.00000046	mg/kg	1	☼	8290	Total
1,2,3,7,8,9-HxCDF	0.00000035	J V I	0.0000063	0.00000090	0.1	0.00000004	mg/kg	1	☼	8290	Total
1,2,3,4,6,7,8-HpCDF	0.000044	V	0.0000063	0.00000050	0.01	0.00000044	mg/kg	1	☼	8290	Total
1,2,3,4,7,8,9-HpCDF	0.0000016	V I	0.0000063	0.00000070	0.01	0.00000002	mg/kg	1	☼	8290	Total
OCDF	0.000020	J V	0.000013	0.00000040	0.0003	0.00000001	mg/kg	1	☼	8290	Total

Client Sample ID: SB-44 (0-0.5) — Lab Sample ID: 640-46930-14

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	Dil Fac	D	Method	Prep Type
1,2,3,7,8-PeCDD	0.00000049	J V I	0.0000059	0.00000080	1	0.00000049	mg/kg	1	☼	8290	Total
1,2,3,4,7,8-HxCDD	0.00000074	I	0.0000059	0.00000080	0.1	0.00000007	mg/kg	1	☼	8290	Total
1,2,3,6,7,8-HxCDD	0.0000015	I	0.0000059	0.00000090	0.1	0.00000015	mg/kg	1	☼	8290	Total
1,2,3,7,8,9-HxCDD	0.0000016	J V I	0.0000059	0.00000080	0.1	0.00000016	mg/kg	1	☼	8290	Total
1,2,3,4,6,7,8-HpCDD	0.000027	V	0.0000059	0.00000070	0.01	0.00000027	mg/kg	1	☼	8290	Total
OCDD	0.00028	V	0.000012	0.00000015	0.0003	0.00000008	mg/kg	1	☼	8290	Total
2,3,7,8-TCDF	0.00000035	I	0.0000012	0.00000016	0.1	0.00000004	mg/kg	1	☼	8290	Total
1,2,3,7,8-PeCDF	0.00000028	J I	0.0000059	0.00000090	0.03	0.00000001	mg/kg	1	☼	8290	Total
2,3,4,7,8-PeCDF	0.00000041	J V I	0.0000059	0.00000090	0.3	0.00000012	mg/kg	1	☼	8290	Total
1,2,3,4,7,8-HxCDF	0.0000011	J V I	0.0000059	0.00000040	0.1	0.00000011	mg/kg	1	☼	8290	Total
1,2,3,6,7,8-HxCDF	0.0000010	J V I	0.0000059	0.00000040	0.1	0.00000010	mg/kg	1	☼	8290	Total
2,3,4,6,7,8-HxCDF	0.00000064	J V I	0.0000059	0.00000040	0.1	0.00000006	mg/kg	1	☼	8290	Total
1,2,3,4,6,7,8-HpCDF	0.0000071	J V	0.0000059	0.00000013	0.01	0.00000007	mg/kg	1	☼	8290	Total
1,2,3,4,7,8,9-HpCDF	0.00000041	J V I	0.0000059	0.00000020	0.01	0.00000000	mg/kg	1	☼	8290	Total
OCDF	0.000012	V I	0.000012	0.00000080	0.0003	0.00000000	mg/kg	1	☼	8290	Total

Client Sample ID: SB-44 (1-2) — Lab Sample ID: 640-46930-16

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	Dil Fac	D	Method	Prep Type
2,3,7,8-TCDD	0.0000020	J	0.0000013	0.00000029	1	0.0000020	mg/kg	1	☼	8290	Total

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-46930-3

Client Sample ID: SB-44 (1-2) (Continued) — Lab Sample ID: 640-46930-16

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	Dil Fac	D	Method	Prep Type
1,2,3,7,8-PeCDD	0.0000053	V I	0.0000064	0.00000021	1	0.0000053	mg/kg	1	☼	8290	Total
1,2,3,4,7,8-HxCDD	0.0000024	I	0.0000064	0.00000014	0.1	0.00000024	mg/kg	1	☼	8290	Total
1,2,3,6,7,8-HxCDD	0.000016		0.0000064	0.00000013	0.1	0.0000016	mg/kg	1	☼	8290	Total
1,2,3,7,8,9-HxCDD	0.000013	C V	0.0000064	0.00000013	0.1	0.0000013	mg/kg	1	☼	8290	Total
1,2,3,4,6,7,8-HpCDD	0.00010	V	0.0000064	0.00000090	0.01	0.0000010	mg/kg	1	☼	8290	Total
OCDD	0.00037	V	0.000013	0.00000018	0.0003	0.00000011	mg/kg	1	☼	8290	Total
2,3,7,8-TCDF	0.000021		0.0000013	0.00000032	0.1	0.0000021	mg/kg	1	☼	8290	Total
1,2,3,7,8-PeCDF	0.000011		0.0000064	0.00000046	0.03	0.00000033	mg/kg	1	☼	8290	Total
2,3,4,7,8-PeCDF	0.000011	V	0.0000064	0.00000036	0.3	0.0000033	mg/kg	1	☼	8290	Total
1,2,3,4,7,8-HxCDF	0.000013	C V	0.0000064	0.00000011	0.1	0.0000013	mg/kg	1	☼	8290	Total
1,2,3,6,7,8-HxCDF	0.000024	J V	0.0000064	0.00000011	0.1	0.0000024	mg/kg	1	☼	8290	Total
2,3,4,6,7,8-HxCDF	0.0000065	V	0.0000064	0.00000010	0.1	0.00000065	mg/kg	1	☼	8290	Total
1,2,3,7,8,9-HxCDF	0.00000026	J V I	0.0000064	0.00000012	0.1	0.00000003	mg/kg	1	☼	8290	Total
1,2,3,4,6,7,8-HpCDF	0.000038	V	0.0000064	0.00000080	0.01	0.00000038	mg/kg	1	☼	8290	Total
1,2,3,4,7,8,9-HpCDF	0.0000019	V I	0.0000064	0.00000011	0.01	0.00000002	mg/kg	1	☼	8290	Total
OCDF	0.000013	J V	0.000013	0.00000040	0.0003	0.00000000	mg/kg	1	☼	8290	Total

Client Sample ID: SB-20 (0-0.5) — Lab Sample ID: 640-46968-6

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	Dil Fac	D	Method	Prep Type
2,3,7,8-TCDD	0.00000058	J I	0.0000013	0.00000010	1	0.00000058	mg/kg	1	☼	8290	Total
1,2,3,7,8-PeCDD	0.0000025	J V I	0.0000064	0.00000070	1	0.0000025	mg/kg	1	☼	8290	Total
1,2,3,4,7,8-HxCDD	0.0000023	I	0.0000064	0.00000040	0.1	0.00000023	mg/kg	1	☼	8290	Total
1,2,3,6,7,8-HxCDD	0.0000068		0.0000064	0.00000050	0.1	0.00000068	mg/kg	1	☼	8290	Total
1,2,3,7,8,9-HxCDD	0.0000056	C V I	0.0000064	0.00000040	0.1	0.00000056	mg/kg	1	☼	8290	Total
1,2,3,4,6,7,8-HpCDD	0.000096	V	0.0000064	0.00000070	0.01	0.00000096	mg/kg	1	☼	8290	Total
OCDD	0.00073	V	0.000013	0.00000080	0.0003	0.00000022	mg/kg	1	☼	8290	Total
2,3,7,8-TCDF	0.000010		0.0000013	0.00000024	0.1	0.0000010	mg/kg	1	☼	8290	Total
1,2,3,7,8-PeCDF	0.0000057	I	0.0000064	0.00000010	0.03	0.00000017	mg/kg	1	☼	8290	Total
2,3,4,7,8-PeCDF	0.0000081	V	0.0000064	0.00000010	0.3	0.0000024	mg/kg	1	☼	8290	Total

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-20 (0-0.5) (Continued) — Lab Sample ID: 640-46968-6

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	Dil Fac	D	Method	Prep Type
1,2,3,4,7,8-HxCDF	0.000010	C V	0.0000064	0.000000050	0.1	0.0000010	mg/kg	1	☼	8290	Total
1,2,3,6,7,8-HxCDF	0.0000054	J V I	0.0000064	0.000000050	0.1	0.00000054	mg/kg	1	☼	8290	Total
2,3,4,6,7,8-HxCDF	0.0000052	V I	0.0000064	0.000000040	0.1	0.00000052	mg/kg	1	☼	8290	Total
1,2,3,7,8,9-HxCDF	0.00000025	J V I	0.0000064	0.000000050	0.1	0.00000003	mg/kg	1	☼	8290	Total
1,2,3,4,6,7,8-HpCDF	0.000025	V	0.0000064	0.000000030	0.01	0.00000025	mg/kg	1	☼	8290	Total
1,2,3,4,7,8,9-HpCDF	0.0000013	V I	0.0000064	0.000000040	0.01	0.00000001	mg/kg	1	☼	8290	Total
OCDF	0.000036	V	0.000013	0.000000020	0.0003	0.00000001	mg/kg	1	☼	8290	Total

Client Sample ID: SB-20 (0.5-2) — Lab Sample ID: 640-46968-7

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	Dil Fac	D	Method	Prep Type
2,3,7,8-TCDD	0.0000056		0.0000012	0.00000027	1	0.0000056	mg/kg	1	☼	8290	Total
1,2,3,7,8-PeCDD	0.0000081	J V	0.0000060	0.00000010	1	0.0000081	mg/kg	1	☼	8290	Total
1,2,3,4,7,8-HxCDD	0.0000038	I	0.0000060	0.000000030	0.1	0.00000038	mg/kg	1	☼	8290	Total
1,2,3,6,7,8-HxCDD	0.0000095		0.0000060	0.000000030	0.1	0.00000095	mg/kg	1	☼	8290	Total
1,2,3,7,8,9-HxCDD	0.000010	C V	0.0000060	0.000000030	0.1	0.0000010	mg/kg	1	☼	8290	Total
1,2,3,4,6,7,8-HpCDD	0.000031	V	0.0000060	0.000000060	0.01	0.00000031	mg/kg	1	☼	8290	Total
OCDD	0.00011	V	0.000012	0.000000040	0.0003	0.00000003	mg/kg	1	☼	8290	Total
2,3,7,8-TCDF	0.000090		0.0000012	0.00000047	0.1	0.0000090	mg/kg	1	☼	8290	Total
1,2,3,7,8-PeCDF	0.000031		0.0000060	0.00000020	0.03	0.00000093	mg/kg	1	☼	8290	Total
2,3,4,7,8-PeCDF	0.000047	V	0.0000060	0.00000019	0.3	0.000014	mg/kg	1	☼	8290	Total
1,2,3,4,7,8-HxCDF	0.000038	C V	0.0000060	0.000000060	0.1	0.0000038	mg/kg	1	☼	8290	Total
1,2,3,6,7,8-HxCDF	0.000017	J V	0.0000060	0.000000060	0.1	0.0000017	mg/kg	1	☼	8290	Total
2,3,4,6,7,8-HxCDF	0.000017	V	0.0000060	0.000000050	0.1	0.0000017	mg/kg	1	☼	8290	Total
1,2,3,7,8,9-HxCDF	0.00000056	V I	0.0000060	0.000000060	0.1	0.00000006	mg/kg	1	☼	8290	Total
1,2,3,4,6,7,8-HpCDF	0.000044	V	0.0000060	0.000000020	0.01	0.00000044	mg/kg	1	☼	8290	Total
1,2,3,4,7,8,9-HpCDF	0.0000018	V I	0.0000060	0.000000030	0.01	0.00000002	mg/kg	1	☼	8290	Total
OCDF	0.000011	J V I	0.000012	0.000000020	0.0003	0.00000000	mg/kg	1	☼	8290	Total

Client Sample ID: SB-26 (0-0.5) — Lab Sample ID: 640-46968-19

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-26 (0-0.5) (Continued)

Lab Sample ID: 640-46968-19

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	Dil Fac	D	Method	Prep Type
2,3,7,8-TCDD	0.000000090	J I	0.0000012	0.00000080	1	0.00000009	mg/kg	1	☼	8290	Total
1,2,3,7,8-PeCDD	0.00000044	J V I	0.0000059	0.00000050	1	0.00000044	mg/kg	1	☼	8290	Total
1,2,3,4,7,8-HxCDD	0.00000029	J I	0.0000059	0.00000040	0.1	0.00000003	mg/kg	1	☼	8290	Total
1,2,3,6,7,8-HxCDD	0.0000011	J I	0.0000059	0.00000040	0.1	0.00000011	mg/kg	1	☼	8290	Total
1,2,3,7,8,9-HxCDD	0.0000013	C V I	0.0000059	0.00000040	0.1	0.00000013	mg/kg	1	☼	8290	Total
1,2,3,4,6,7,8-HpCDD	0.000020	V	0.0000059	0.00000040	0.01	0.00000020	mg/kg	1	☼	8290	Total
OCDD	0.00020	V	0.000012	0.00000010	0.0003	0.00000006	mg/kg	1	☼	8290	Total
2,3,7,8-TCDF	0.00000071	J I	0.0000012	0.00000014	0.1	0.00000007	mg/kg	1	☼	8290	Total
1,2,3,7,8-PeCDF	0.00000033	I	0.0000059	0.00000050	0.03	0.00000001	mg/kg	1	☼	8290	Total
2,3,4,7,8-PeCDF	0.00000049	V I	0.0000059	0.00000050	0.3	0.00000015	mg/kg	1	☼	8290	Total
1,2,3,4,7,8-HxCDF	0.0000010	C V I	0.0000059	0.00000020	0.1	0.00000010	mg/kg	1	☼	8290	Total
1,2,3,6,7,8-HxCDF	0.0000012	J V I	0.0000059	0.00000020	0.1	0.00000012	mg/kg	1	☼	8290	Total
2,3,4,6,7,8-HxCDF	0.00000063	V I	0.0000059	0.00000020	0.1	0.00000006	mg/kg	1	☼	8290	Total
1,2,3,4,6,7,8-HpCDF	0.0000058	V I	0.0000059	0.00000020	0.01	0.00000006	mg/kg	1	☼	8290	Total
1,2,3,4,7,8,9-HpCDF	0.00000035	V I	0.0000059	0.00000040	0.01	0.00000000	mg/kg	1	☼	8290	Total
OCDF	0.0000094	V I	0.000012	0.00000020	0.0003	0.00000000	mg/kg	1	☼	8290	Total

Client Sample ID: SB-26 (1-2)

Lab Sample ID: 640-46968-21

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	Dil Fac	D	Method	Prep Type
2,3,7,8-TCDD	0.0000016	J	0.0000013	0.00000014	1	0.0000016	mg/kg	1	☼	8290	Total
1,2,3,7,8-PeCDD	0.0000051	V I	0.0000064	0.00000010	1	0.0000051	mg/kg	1	☼	8290	Total
1,2,3,4,7,8-HxCDD	0.0000021	I	0.0000064	0.00000040	0.1	0.00000021	mg/kg	1	☼	8290	Total
1,2,3,6,7,8-HxCDD	0.000016		0.0000064	0.00000050	0.1	0.0000016	mg/kg	1	☼	8290	Total
1,2,3,7,8,9-HxCDD	0.000011	C V	0.0000064	0.00000040	0.1	0.0000011	mg/kg	1	☼	8290	Total
1,2,3,4,6,7,8-HpCDD	0.00013	V	0.0000064	0.00000080	0.01	0.0000013	mg/kg	1	☼	8290	Total
OCDD	0.0010	V	0.000013	0.00000010	0.0003	0.00000030	mg/kg	1	☼	8290	Total
2,3,7,8-TCDF	0.0000080		0.0000013	0.00000028	0.1	0.00000080	mg/kg	1	☼	8290	Total
1,2,3,7,8-PeCDF	0.0000044	J I	0.0000064	0.00000018	0.03	0.00000013	mg/kg	1	☼	8290	Total
2,3,4,7,8-PeCDF	0.0000079	V	0.0000064	0.00000018	0.3	0.0000024	mg/kg	1	☼	8290	Total

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-26 (1-2) (Continued) — Lab Sample ID: 640-46968-21

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	Dil Fac	D	Method	Prep Type
1,2,3,4,7,8-HxCDF	0.000013	J V	0.0000064	0.000000080	0.1	0.0000013	mg/kg	1	☼	8290	Total
1,2,3,6,7,8-HxCDF	0.000022	J V	0.0000064	0.000000070	0.1	0.0000022	mg/kg	1	☼	8290	Total
2,3,4,6,7,8-HxCDF	0.0000070	J V	0.0000064	0.000000070	0.1	0.00000070	mg/kg	1	☼	8290	Total
1,2,3,7,8,9-HxCDF	0.00000044	J V I	0.0000064	0.000000080	0.1	0.00000004	mg/kg	1	☼	8290	Total
1,2,3,4,6,7,8-HpCDF	0.00021	V	0.0000064	0.000000040	0.01	0.0000021	mg/kg	1	☼	8290	Total
1,2,3,4,7,8,9-HpCDF	0.0000034	V I	0.0000064	0.000000070	0.01	0.00000003	mg/kg	1	☼	8290	Total
OCDF	0.000081	V J	0.000013	0.000000040	0.0003	0.00000002	mg/kg	1	☼	8290	Total

Client Sample ID: SB-28 (0-0.5) — Lab Sample ID: 640-46973-4

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	Dil Fac	D	Method	Prep Type
2,3,7,8-TCDD	0.0000010	J I	0.0000014	0.00000014	1	0.0000010	mg/kg	1	☼	8290	Total
1,2,3,7,8-PeCDD	0.00000059	V I	0.0000070	0.000000060	1	0.00000059	mg/kg	1	☼	8290	Total
1,2,3,4,7,8-HxCDD	0.00000025	I	0.0000070	0.000000080	0.1	0.00000003	mg/kg	1	☼	8290	Total
1,2,3,6,7,8-HxCDD	0.00000078	I	0.0000070	0.000000080	0.1	0.00000008	mg/kg	1	☼	8290	Total
1,2,3,7,8,9-HxCDD	0.00000070	V I	0.0000070	0.000000070	0.1	0.00000007	mg/kg	1	☼	8290	Total
1,2,3,4,6,7,8-HpCDD	0.000017	V	0.0000070	0.000000040	0.01	0.00000017	mg/kg	1	☼	8290	Total
OCDD	0.00012	V	0.000014	0.00000010	0.0003	0.00000004	mg/kg	1	☼	8290	Total
2,3,7,8-TCDF	0.00000013	J I	0.0000014	0.000000070	0.1	0.00000001	mg/kg	1	☼	8290	Total
1,2,3,7,8-PeCDF	0.00000011	J I	0.0000070	0.000000080	0.03	0.00000000	mg/kg	1	☼	8290	Total
2,3,4,7,8-PeCDF	0.00000020	J V I	0.0000070	0.000000080	0.3	0.00000006	mg/kg	1	☼	8290	Total
1,2,3,4,7,8-HxCDF	0.00000042	J V I	0.0000070	0.000000040	0.1	0.00000004	mg/kg	1	☼	8290	Total
1,2,3,6,7,8-HxCDF	0.00000070	J V I	0.0000070	0.000000030	0.1	0.00000007	mg/kg	1	☼	8290	Total
2,3,4,6,7,8-HxCDF	0.000000090	J V I	0.0000070	0.000000030	0.1	0.00000001	mg/kg	1	☼	8290	Total
1,2,3,4,6,7,8-HpCDF	0.0000048	V I	0.0000070	0.000000040	0.01	0.00000005	mg/kg	1	☼	8290	Total
1,2,3,4,7,8,9-HpCDF	0.00000017	J V I	0.0000070	0.000000060	0.01	0.00000000	mg/kg	1	☼	8290	Total
OCDF	0.000022	J V	0.000014	0.000000040	0.0003	0.00000001	mg/kg	1	☼	8290	Total

Client Sample ID: SB-28 (0.5-2) — Lab Sample ID: 640-46973-5

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	Dil Fac	D	Method	Prep Type
2,3,7,8-TCDD	0.00000068	J I	0.0000012	0.00000012	1	0.00000068	mg/kg	1	☼	8290	Total

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-28 (0.5-2) (Continued)

Lab Sample ID: 640-46973-5

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	Dil Fac	D	Method	Prep Type
1,2,3,7,8-PeCDD	0.0000016	V I	0.0000062	0.000000060	1	0.0000016	mg/kg	1	☼	8290	Total
1,2,3,4,7,8-HxCDD	0.00000088	I	0.0000062	0.000000030	0.1	0.000000009	mg/kg	1	☼	8290	Total
1,2,3,6,7,8-HxCDD	0.0000038	I	0.0000062	0.000000030	0.1	0.00000038	mg/kg	1	☼	8290	Total
1,2,3,7,8,9-HxCDD	0.0000039	C V I	0.0000062	0.000000030	0.1	0.00000039	mg/kg	1	☼	8290	Total
1,2,3,4,6,7,8-HpCDD	0.000053	V	0.0000062	0.000000050	0.01	0.00000053	mg/kg	1	☼	8290	Total
OCDD	0.00029	V	0.000012	0.000000060	0.0003	0.00000009	mg/kg	1	☼	8290	Total
2,3,7,8-TCDF	0.0000035		0.0000012	0.00000032	0.1	0.00000035	mg/kg	1	☼	8290	Total
1,2,3,7,8-PeCDF	0.0000015	I	0.0000062	0.00000010	0.03	0.00000005	mg/kg	1	☼	8290	Total
2,3,4,7,8-PeCDF	0.0000021	J V I	0.0000062	0.000000090	0.3	0.00000063	mg/kg	1	☼	8290	Total
1,2,3,4,7,8-HxCDF	0.0000023	C V I	0.0000062	0.000000030	0.1	0.00000023	mg/kg	1	☼	8290	Total
1,2,3,6,7,8-HxCDF	0.0000025	J V I	0.0000062	0.000000030	0.1	0.00000025	mg/kg	1	☼	8290	Total
2,3,4,6,7,8-HxCDF	0.0000011	J V I	0.0000062	0.000000030	0.1	0.00000011	mg/kg	1	☼	8290	Total
1,2,3,7,8,9-HxCDF	0.000000070	J V I	0.0000062	0.000000030	0.1	0.00000001	mg/kg	1	☼	8290	Total
1,2,3,4,6,7,8-HpCDF	0.000011	V	0.0000062	0.000000020	0.01	0.00000011	mg/kg	1	☼	8290	Total
1,2,3,4,7,8,9-HpCDF	0.00000061	V I	0.0000062	0.000000030	0.01	0.00000001	mg/kg	1	☼	8290	Total
OCDF	0.000012	V	0.000012	0.000000020	0.0003	0.00000000	mg/kg	1	☼	8290	Total

Client Sample ID: SB-31 (0-1)

Lab Sample ID: 640-46973-10

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	Dil Fac	D	Method	Prep Type
2,3,7,8-TCDD	0.0000011	J I	0.0000011	0.000000070	1	0.0000011	mg/kg	1	☼	8290	Total
1,2,3,7,8-PeCDD	0.00000080	J V I	0.0000056	0.000000040	1	0.00000080	mg/kg	1	☼	8290	Total
1,2,3,4,7,8-HxCDD	0.00000094	I	0.0000056	0.000000040	0.1	0.000000009	mg/kg	1	☼	8290	Total
1,2,3,6,7,8-HxCDD	0.0000030	I	0.0000056	0.000000040	0.1	0.00000030	mg/kg	1	☼	8290	Total
1,2,3,7,8,9-HxCDD	0.0000028	C V I	0.0000056	0.000000040	0.1	0.00000028	mg/kg	1	☼	8290	Total
1,2,3,4,6,7,8-HpCDD	0.000050	V	0.0000056	0.000000030	0.01	0.00000050	mg/kg	1	☼	8290	Total
OCDD	0.00054	V	0.000011	0.000000040	0.0003	0.00000016	mg/kg	1	☼	8290	Total
2,3,7,8-TCDF	0.0000015		0.0000011	0.00000016	0.1	0.00000015	mg/kg	1	☼	8290	Total
1,2,3,7,8-PeCDF	0.00000064	J I	0.0000056	0.000000060	0.03	0.00000002	mg/kg	1	☼	8290	Total
2,3,4,7,8-PeCDF	0.0000015	V I	0.0000056	0.000000050	0.3	0.00000045	mg/kg	1	☼	8290	Total

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-31 (0-1) (Continued) — Lab Sample ID: 640-46973-10

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	Dil Fac	D	Method	Prep Type
1,2,3,4,7,8-HxCDF	0.0000023	C V I	0.0000056	0.000000020	0.1	0.00000023	mg/kg	1	☼	8290	Total
1,2,3,6,7,8-HxCDF	0.0000027	J V I	0.0000056	0.000000020	0.1	0.00000027	mg/kg	1	☼	8290	Total
2,3,4,6,7,8-HxCDF	0.0000020	V I	0.0000056	0.000000020	0.1	0.00000020	mg/kg	1	☼	8290	Total
1,2,3,7,8,9-HxCDF	0.00000014	V I	0.0000056	0.000000030	0.1	0.00000001	mg/kg	1	☼	8290	Total
1,2,3,4,6,7,8-HpCDF	0.000012	V	0.0000056	0.000000020	0.01	0.00000012	mg/kg	1	☼	8290	Total
1,2,3,4,7,8,9-HpCDF	0.00000081	V I	0.0000056	0.000000030	0.01	0.00000001	mg/kg	1	☼	8290	Total
OCDF	0.000018	J V	0.000011	0.000000010	0.0003	0.00000001	mg/kg	1	☼	8290	Total

Client Sample ID: SB-31 (1-2) — Lab Sample ID: 640-46973-11

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	Dil Fac	D	Method	Prep Type
2,3,7,8-TCDD	0.0000012	J	0.0000011	0.00000011	1	0.0000012	mg/kg	1	☼	8290	Total
1,2,3,7,8-PeCDD	0.0000014	J V I	0.0000057	0.000000080	1	0.0000014	mg/kg	1	☼	8290	Total
1,2,3,4,7,8-HxCDD	0.0000013	I	0.0000057	0.000000040	0.1	0.00000013	mg/kg	1	☼	8290	Total
1,2,3,6,7,8-HxCDD	0.0000030	I	0.0000057	0.000000040	0.1	0.00000030	mg/kg	1	☼	8290	Total
1,2,3,7,8,9-HxCDD	0.0000034	C V I	0.0000057	0.000000030	0.1	0.00000034	mg/kg	1	☼	8290	Total
1,2,3,4,6,7,8-HpCDD	0.000036	V	0.0000057	0.000000050	0.01	0.00000036	mg/kg	1	☼	8290	Total
OCDD	0.00033	V	0.000011	0.000000070	0.0003	0.00000010	mg/kg	1	☼	8290	Total
2,3,7,8-TCDF	0.0000072	C	0.0000011	0.00000021	0.1	0.00000072	mg/kg	1	☼	8290	Total
1,2,3,7,8-PeCDF	0.0000036	I	0.0000057	0.000000080	0.03	0.00000011	mg/kg	1	☼	8290	Total
2,3,4,7,8-PeCDF	0.0000059	V	0.0000057	0.000000070	0.3	0.0000018	mg/kg	1	☼	8290	Total
1,2,3,4,7,8-HxCDF	0.0000062	C V	0.0000057	0.000000030	0.1	0.00000062	mg/kg	1	☼	8290	Total
1,2,3,6,7,8-HxCDF	0.0000044	J V I	0.0000057	0.000000030	0.1	0.00000044	mg/kg	1	☼	8290	Total
2,3,4,6,7,8-HxCDF	0.0000043	V I	0.0000057	0.000000030	0.1	0.00000043	mg/kg	1	☼	8290	Total
1,2,3,7,8,9-HxCDF	0.00000022	J V I	0.0000057	0.000000030	0.1	0.00000002	mg/kg	1	☼	8290	Total
1,2,3,4,6,7,8-HpCDF	0.000013	V	0.0000057	0.000000020	0.01	0.00000013	mg/kg	1	☼	8290	Total
1,2,3,4,7,8,9-HpCDF	0.00000096	V I	0.0000057	0.000000040	0.01	0.00000001	mg/kg	1	☼	8290	Total
OCDF	0.000012	J V	0.000011	0.000000050	0.0003	0.00000000	mg/kg	1	☼	8290	Total

Client Sample ID: SB-72 (0-0.5) — Lab Sample ID: 640-47002-1

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-72 (0-0.5) (Continued) — Lab Sample ID: 640-47002-1

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	Dil Fac	D	Method	Prep Type
2,3,7,8-TCDD	0.00000083	J I	0.0000012	0.00000012	1	0.00000083	mg/kg	1	☼	8290	Total
1,2,3,7,8-PeCDD	0.0000023	J V I	0.0000060	0.00000070	1	0.0000023	mg/kg	1	☼	8290	Total
1,2,3,4,7,8-HxCDD	0.0000022	I	0.0000060	0.00000050	0.1	0.00000022	mg/kg	1	☼	8290	Total
1,2,3,6,7,8-HxCDD	0.000011		0.0000060	0.00000050	0.1	0.0000011	mg/kg	1	☼	8290	Total
1,2,3,7,8,9-HxCDD	0.0000082	C V	0.0000060	0.00000050	0.1	0.00000082	mg/kg	1	☼	8290	Total
1,2,3,4,6,7,8-HpCDD	0.00015	V	0.0000060	0.00000070	0.01	0.0000015	mg/kg	1	☼	8290	Total
OCDD	0.0014	V	0.000012	0.00000010	0.0003	0.00000042	mg/kg	1	☼	8290	Total
2,3,7,8-TCDF	0.0000082		0.0000012	0.00000030	0.1	0.00000082	mg/kg	1	☼	8290	Total
1,2,3,7,8-PeCDF	0.0000038	I	0.0000060	0.00000011	0.03	0.00000011	mg/kg	1	☼	8290	Total
2,3,4,7,8-PeCDF	0.0000059	V I	0.0000060	0.00000010	0.3	0.0000018	mg/kg	1	☼	8290	Total
1,2,3,4,7,8-HxCDF	0.0000087	C V	0.0000060	0.00000030	0.1	0.00000087	mg/kg	1	☼	8290	Total
1,2,3,6,7,8-HxCDF	0.000014	J V	0.0000060	0.00000030	0.1	0.0000014	mg/kg	1	☼	8290	Total
2,3,4,6,7,8-HxCDF	0.0000041	V I	0.0000060	0.00000030	0.1	0.00000041	mg/kg	1	☼	8290	Total
1,2,3,7,8,9-HxCDF	0.00000028	V I	0.0000060	0.00000030	0.1	0.00000003	mg/kg	1	☼	8290	Total
1,2,3,4,6,7,8-HpCDF	0.000048	V	0.0000060	0.00000020	0.01	0.00000048	mg/kg	1	☼	8290	Total
1,2,3,4,7,8,9-HpCDF	0.0000021	V I	0.0000060	0.00000030	0.01	0.00000002	mg/kg	1	☼	8290	Total
OCDF	0.000062	V	0.000012	0.00000030	0.0003	0.00000002	mg/kg	1	☼	8290	Total

Client Sample ID: SB-72 (0.5-1) — Lab Sample ID: 640-47002-2

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	Dil Fac	D	Method	Prep Type
2,3,7,8-TCDD	0.00000077	I	0.0000011	0.00000070	1	0.00000077	mg/kg	1	☼	8290	Total
1,2,3,7,8-PeCDD	0.0000029	I	0.0000055	0.00000070	1	0.0000029	mg/kg	1	☼	8290	Total
1,2,3,4,7,8-HxCDD	0.0000020	I	0.0000055	0.00000050	0.1	0.00000020	mg/kg	1	☼	8290	Total
1,2,3,6,7,8-HxCDD	0.000011	V	0.0000055	0.00000060	0.1	0.0000011	mg/kg	1	☼	8290	Total
1,2,3,7,8,9-HxCDD	0.0000077	C V	0.0000055	0.00000050	0.1	0.00000077	mg/kg	1	☼	8290	Total
1,2,3,4,6,7,8-HpCDD	0.00016	V	0.0000055	0.00000080	0.01	0.0000016	mg/kg	1	☼	8290	Total
OCDD	0.0014	V	0.000011	0.00000015	0.0003	0.00000042	mg/kg	1	☼	8290	Total
2,3,7,8-TCDF	0.0000080	C	0.0000011	0.00000035	0.1	0.00000080	mg/kg	1	☼	8290	Total
1,2,3,7,8-PeCDF	0.0000055	I	0.0000055	0.00000013	0.03	0.00000017	mg/kg	1	☼	8290	Total

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-72 (0.5-1) (Continued) — Lab Sample ID: 640-47002-2

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	Dil Fac	D	Method	Prep Type
2,3,4,7,8-PeCDF	0.0000048	J V I	0.0000055	0.00000013	0.3	0.0000014	mg/kg	1	☼	8290	Total
1,2,3,4,7,8-HxCDF	0.0000074	J	0.0000055	0.000000050	0.1	0.00000074	mg/kg	1	☼	8290	Total
1,2,3,6,7,8-HxCDF	0.000011	J	0.0000055	0.000000050	0.1	0.0000011	mg/kg	1	☼	8290	Total
2,3,4,6,7,8-HxCDF	0.0000035	V I	0.0000055	0.000000050	0.1	0.00000035	mg/kg	1	☼	8290	Total
1,2,3,7,8,9-HxCDF	0.00000037	I	0.0000055	0.000000060	0.1	0.00000004	mg/kg	1	☼	8290	Total
1,2,3,4,6,7,8-HpCDF	0.000052	V	0.0000055	0.000000030	0.01	0.00000052	mg/kg	1	☼	8290	Total
1,2,3,4,7,8,9-HpCDF	0.0000022	I	0.0000055	0.000000040	0.01	0.00000002	mg/kg	1	☼	8290	Total
OCDF	0.000069	V	0.000011	0.000000040	0.0003	0.00000002	mg/kg	1	☼	8290	Total

Client Sample ID: SB-80 (0-0.5) — Lab Sample ID: 640-47003-10

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	Dil Fac	D	Method	Prep Type
2,3,7,8-TCDD	0.00000011	J I	0.0000015	0.000000050	1	0.00000011	mg/kg	1	☼	8290	Total
1,2,3,7,8-PeCDD	0.0000011	J I	0.0000074	0.000000060	1	0.0000011	mg/kg	1	☼	8290	Total
1,2,3,4,7,8-HxCDD	0.00000087	J I	0.0000074	0.000000040	0.1	0.00000009	mg/kg	1	☼	8290	Total
1,2,3,6,7,8-HxCDD	0.0000029	J V I	0.0000074	0.000000040	0.1	0.00000029	mg/kg	1	☼	8290	Total
1,2,3,7,8,9-HxCDD	0.0000026	C V I	0.0000074	0.000000040	0.1	0.00000026	mg/kg	1	☼	8290	Total
1,2,3,4,6,7,8-HpCDD	0.000033	V	0.0000074	0.000000050	0.01	0.00000033	mg/kg	1	☼	8290	Total
OCDD	0.00021	V	0.000015	0.000000060	0.0003	0.00000006	mg/kg	1	☼	8290	Total
2,3,7,8-TCDF	0.0000024		0.0000015	0.00000027	0.1	0.00000024	mg/kg	1	☼	8290	Total
1,2,3,7,8-PeCDF	0.0000015	I	0.0000074	0.00000012	0.03	0.00000005	mg/kg	1	☼	8290	Total
2,3,4,7,8-PeCDF	0.0000026	J V I	0.0000074	0.00000012	0.3	0.00000078	mg/kg	1	☼	8290	Total
1,2,3,4,7,8-HxCDF	0.0000040	C I	0.0000074	0.000000040	0.1	0.00000040	mg/kg	1	☼	8290	Total
1,2,3,6,7,8-HxCDF	0.0000055	J I	0.0000074	0.000000040	0.1	0.00000055	mg/kg	1	☼	8290	Total
2,3,4,6,7,8-HxCDF	0.0000025	V I	0.0000074	0.000000040	0.1	0.00000025	mg/kg	1	☼	8290	Total
1,2,3,7,8,9-HxCDF	0.000000090	J I	0.0000074	0.000000040	0.1	0.00000001	mg/kg	1	☼	8290	Total
1,2,3,4,6,7,8-HpCDF	0.000018	J V	0.0000074	0.000000040	0.01	0.00000018	mg/kg	1	☼	8290	Total
1,2,3,4,7,8,9-HpCDF	0.0000010	I	0.0000074	0.000000060	0.01	0.00000001	mg/kg	1	☼	8290	Total
OCDF	0.000018	V	0.000015	0.000000020	0.0003	0.00000001	mg/kg	1	☼	8290	Total

Client Sample ID: SB-80 (0.5-1) — Lab Sample ID: 640-47003-11

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-80 (0.5-1) (Continued)

Lab Sample ID: 640-47003-11

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	Dil Fac	D	Method	Prep Type
1,2,3,7,8-PeCDD	0.00000024	J I	0.0000064	0.000000030	1	0.00000024	mg/kg	1	☼	8290	Total
1,2,3,4,7,8-HxCDD	0.00000031	J I	0.0000064	0.000000030	0.1	0.00000003	mg/kg	1	☼	8290	Total
1,2,3,6,7,8-HxCDD	0.0000015	J V I	0.0000064	0.000000030	0.1	0.00000015	mg/kg	1	☼	8290	Total
1,2,3,7,8,9-HxCDD	0.0000014	C V I	0.0000064	0.000000030	0.1	0.00000014	mg/kg	1	☼	8290	Total
1,2,3,4,6,7,8-HpCDD	0.000018	V	0.0000064	0.000000020	0.01	0.00000018	mg/kg	1	☼	8290	Total
OCDD	0.00011	V	0.000013	0.000000030	0.0003	0.00000003	mg/kg	1	☼	8290	Total
2,3,7,8-TCDF	0.0000014		0.0000013	0.00000014	0.1	0.00000014	mg/kg	1	☼	8290	Total
1,2,3,7,8-PeCDF	0.00000076	I	0.0000064	0.000000090	0.03	0.00000002	mg/kg	1	☼	8290	Total
2,3,4,7,8-PeCDF	0.0000012	J V I	0.0000064	0.000000080	0.3	0.00000036	mg/kg	1	☼	8290	Total
1,2,3,4,7,8-HxCDF	0.0000021	I C	0.0000064	0.000000030	0.1	0.00000021	mg/kg	1	☼	8290	Total
1,2,3,6,7,8-HxCDF	0.0000021	J I	0.0000064	0.000000030	0.1	0.00000021	mg/kg	1	☼	8290	Total
2,3,4,6,7,8-HxCDF	0.0000011	V I	0.0000064	0.000000030	0.1	0.00000011	mg/kg	1	☼	8290	Total
1,2,3,7,8,9-HxCDF	0.000000090	J I	0.0000064	0.000000030	0.1	0.00000001	mg/kg	1	☼	8290	Total
1,2,3,4,6,7,8-HpCDF	0.0000095	V	0.0000064	0.000000020	0.01	0.00000010	mg/kg	1	☼	8290	Total
1,2,3,4,7,8,9-HpCDF	0.00000038	J I	0.0000064	0.000000030	0.01	0.00000000	mg/kg	1	☼	8290	Total
OCDF	0.000011	V I	0.000013	0.000000010	0.0003	0.00000000	mg/kg	1	☼	8290	Total

Client Sample ID: SB-70 (0-0.5)

Lab Sample ID: 640-47004-4

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	Dil Fac	D	Method	Prep Type
2,3,7,8-TCDD	0.00000049	J I	0.0000013	0.000000050	1	0.00000049	mg/kg	1	☼	8290	Total
1,2,3,7,8-PeCDD	0.0000041	J I	0.0000067	0.00000011	1	0.0000041	mg/kg	1	☼	8290	Total
1,2,3,4,7,8-HxCDD	0.0000071		0.0000067	0.000000060	0.1	0.00000071	mg/kg	1	☼	8290	Total
1,2,3,6,7,8-HxCDD	0.000029	V	0.0000067	0.000000070	0.1	0.0000029	mg/kg	1	☼	8290	Total
1,2,3,7,8,9-HxCDD	0.000020	V	0.0000067	0.000000060	0.1	0.0000020	mg/kg	1	☼	8290	Total
1,2,3,4,6,7,8-HpCDD	0.00044	V	0.0000067	0.00000012	0.01	0.0000044	mg/kg	1	☼	8290	Total
OCDD	0.0027	V	0.000013	0.000000090	0.0003	0.00000081	mg/kg	1	☼	8290	Total
2,3,7,8-TCDF	0.0000034		0.0000013	0.00000026	0.1	0.00000034	mg/kg	1	☼	8290	Total
1,2,3,7,8-PeCDF	0.0000025	I	0.0000067	0.00000014	0.03	0.00000008	mg/kg	1	☼	8290	Total
2,3,4,7,8-PeCDF	0.0000056	V I	0.0000067	0.00000013	0.3	0.00000017	mg/kg	1	☼	8290	Total

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-70 (0-0.5) (Continued)

Lab Sample ID: 640-47004-4

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	Dil Fac	D	Method	Prep Type
1,2,3,4,7,8-HxCDF	0.000010	J	0.0000067	0.000000060	0.1	0.0000010	mg/kg	1	☼	8290	Total
1,2,3,6,7,8-HxCDF	0.000012	J	0.0000067	0.000000050	0.1	0.0000012	mg/kg	1	☼	8290	Total
2,3,4,6,7,8-HxCDF	0.0000087	V	0.0000067	0.000000050	0.1	0.00000087	mg/kg	1	☼	8290	Total
1,2,3,7,8,9-HxCDF	0.00000040	I	0.0000067	0.000000060	0.1	0.00000004	mg/kg	1	☼	8290	Total
1,2,3,4,6,7,8-HpCDF	0.000066	V	0.0000067	0.000000050	0.01	0.00000066	mg/kg	1	☼	8290	Total
1,2,3,4,7,8,9-HpCDF	0.0000034	I	0.0000067	0.000000070	0.01	0.00000003	mg/kg	1	☼	8290	Total
OCDF	0.000082	V	0.000013	0.000000030	0.0003	0.00000002	mg/kg	1	☼	8290	Total

Client Sample ID: SB-70 (0.5-1)

Lab Sample ID: 640-47004-5

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	Dil Fac	D	Method	Prep Type
2,3,7,8-TCDD	0.0000019	J	0.0000012	0.00000014	1	0.0000019	mg/kg	1	☼	8290	Total
1,2,3,7,8-PeCDD	0.0000061	J I	0.0000063	0.00000012	1	0.0000061	mg/kg	1	☼	8290	Total
1,2,3,4,7,8-HxCDD	0.0000059	I	0.0000063	0.000000080	0.1	0.00000059	mg/kg	1	☼	8290	Total
1,2,3,6,7,8-HxCDD	0.000028	V	0.0000063	0.000000090	0.1	0.0000028	mg/kg	1	☼	8290	Total
1,2,3,7,8,9-HxCDD	0.000023	C V	0.0000063	0.000000080	0.1	0.0000023	mg/kg	1	☼	8290	Total
1,2,3,4,6,7,8-HpCDD	0.00030	V	0.0000063	0.00000010	0.01	0.0000030	mg/kg	1	☼	8290	Total
OCDD	0.0017	V	0.000013	0.00000016	0.0003	0.00000051	mg/kg	1	☼	8290	Total
2,3,7,8-TCDF	0.000010		0.0000012	0.00000052	0.1	0.0000010	mg/kg	1	☼	8290	Total
1,2,3,7,8-PeCDF	0.0000090	J	0.0000063	0.00000021	0.03	0.00000027	mg/kg	1	☼	8290	Total
2,3,4,7,8-PeCDF	0.000016	J V	0.0000063	0.00000020	0.3	0.0000048	mg/kg	1	☼	8290	Total
1,2,3,4,7,8-HxCDF	0.000032	J	0.0000063	0.00000010	0.1	0.0000032	mg/kg	1	☼	8290	Total
1,2,3,6,7,8-HxCDF	0.000023	J	0.0000063	0.00000010	0.1	0.0000023	mg/kg	1	☼	8290	Total
2,3,4,6,7,8-HxCDF	0.000016	V	0.0000063	0.00000010	0.1	0.0000016	mg/kg	1	☼	8290	Total
1,2,3,7,8,9-HxCDF	0.00000061	J I	0.0000063	0.00000010	0.1	0.00000006	mg/kg	1	☼	8290	Total
1,2,3,4,6,7,8-HpCDF	0.000068	V	0.0000063	0.00000070	0.01	0.00000068	mg/kg	1	☼	8290	Total
1,2,3,4,7,8,9-HpCDF	0.0000033	I	0.0000063	0.00000090	0.01	0.00000003	mg/kg	1	☼	8290	Total
OCDF	0.000049	J V	0.000013	0.00000060	0.0003	0.00000001	mg/kg	1	☼	8290	Total

Client Sample ID: SB-70 (1-2)

Lab Sample ID: 640-47004-6

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-70 (1-2) (Continued)

Lab Sample ID: 640-47004-6

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	Dil Fac	D	Method	Prep Type
2,3,7,8-TCDD	0.00000014	J I	0.0000014	0.000000080	1	0.00000014	mg/kg	1	☼	8290	Total
1,2,3,7,8-PeCDD	0.0000013	J I	0.0000068	0.000000060	1	0.0000013	mg/kg	1	☼	8290	Total
1,2,3,4,7,8-HxCDD	0.00000096	I	0.0000068	0.000000040	0.1	0.00000010	mg/kg	1	☼	8290	Total
1,2,3,6,7,8-HxCDD	0.0000052	V I	0.0000068	0.000000050	0.1	0.00000052	mg/kg	1	☼	8290	Total
1,2,3,7,8,9-HxCDD	0.0000036	J V I	0.0000068	0.000000040	0.1	0.00000036	mg/kg	1	☼	8290	Total
1,2,3,4,6,7,8-HpCDD	0.000072	V	0.0000068	0.000000070	0.01	0.00000072	mg/kg	1	☼	8290	Total
OCDD	0.00052	V	0.000014	0.00000010	0.0003	0.00000016	mg/kg	1	☼	8290	Total
2,3,7,8-TCDF	0.0000064		0.0000014	0.000000018	0.1	0.00000064	mg/kg	1	☼	8290	Total
1,2,3,7,8-PeCDF	0.0000019	I	0.0000068	0.000000080	0.03	0.00000006	mg/kg	1	☼	8290	Total
2,3,4,7,8-PeCDF	0.0000025	V I	0.0000068	0.000000070	0.3	0.00000075	mg/kg	1	☼	8290	Total
1,2,3,4,7,8-HxCDF	0.0000027	C I	0.0000068	0.000000030	0.1	0.00000027	mg/kg	1	☼	8290	Total
1,2,3,6,7,8-HxCDF	0.0000017	J I	0.0000068	0.000000030	0.1	0.00000017	mg/kg	1	☼	8290	Total
2,3,4,6,7,8-HxCDF	0.0000014	J V I	0.0000068	0.000000030	0.1	0.00000014	mg/kg	1	☼	8290	Total
1,2,3,7,8,9-HxCDF	0.000000080	J I	0.0000068	0.000000030	0.1	0.00000001	mg/kg	1	☼	8290	Total
1,2,3,4,6,7,8-HpCDF	0.0000079	V	0.0000068	0.000000030	0.01	0.00000008	mg/kg	1	☼	8290	Total
1,2,3,4,7,8,9-HpCDF	0.00000060	I	0.0000068	0.000000050	0.01	0.00000001	mg/kg	1	☼	8290	Total
OCDF	0.0000086	V I	0.000014	0.000000040	0.0003	0.00000000	mg/kg	1	☼	8290	Total

Client Sample ID: SB-36 (0-0.5)

Lab Sample ID: 640-47005-1

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	Dil Fac	D	Method	Prep Type
2,3,7,8-TCDD	0.000000020	J I	0.0000011	0.000000020	1	0.00000002	mg/kg	1	☼	8290	Total
1,2,3,7,8-PeCDD	0.00000016	J I	0.0000054	0.000000020	1	0.00000016	mg/kg	1	☼	8290	Total
1,2,3,4,7,8-HxCDD	0.00000019	J I	0.0000054	0.000000020	0.1	0.00000002	mg/kg	1	☼	8290	Total
1,2,3,6,7,8-HxCDD	0.00000059	V I	0.0000054	0.000000030	0.1	0.00000006	mg/kg	1	☼	8290	Total
1,2,3,7,8,9-HxCDD	0.00000048	J V I	0.0000054	0.000000020	0.1	0.00000005	mg/kg	1	☼	8290	Total
1,2,3,4,6,7,8-HpCDD	0.0000073	V	0.0000054	0.000000040	0.01	0.00000007	mg/kg	1	☼	8290	Total
OCDD	0.000070	V	0.000011	0.000000030	0.0003	0.00000002	mg/kg	1	☼	8290	Total
2,3,7,8-TCDF	0.00000086	I	0.0000011	0.000000012	0.1	0.00000009	mg/kg	1	☼	8290	Total
1,2,3,7,8-PeCDF	0.00000028	J I	0.0000054	0.000000040	0.03	0.00000001	mg/kg	1	☼	8290	Total

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-36 (0-0.5) (Continued) — Lab Sample ID: 640-47005-1

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	Dil Fac	D	Method	Prep Type
2,3,4,7,8-PeCDF	0.00000067	V I	0.0000054	0.000000040	0.3	0.00000020	mg/kg	1	☼	8290	Total
1,2,3,4,7,8-HxCDF	0.00000090	C I	0.0000054	0.000000020	0.1	0.00000009	mg/kg	1	☼	8290	Total
1,2,3,6,7,8-HxCDF	0.00000042	J I	0.0000054	0.000000020	0.1	0.00000004	mg/kg	1	☼	8290	Total
2,3,4,6,7,8-HxCDF	0.00000044	V I	0.0000054	0.000000020	0.1	0.00000004	mg/kg	1	☼	8290	Total
1,2,3,4,6,7,8-HpCDF	0.0000024	J V I	0.0000054	0.000000020	0.01	0.00000002	mg/kg	1	☼	8290	Total
1,2,3,4,7,8,9-HpCDF	0.00000016	J I	0.0000054	0.000000020	0.01	0.00000000	mg/kg	1	☼	8290	Total
OCDF	0.0000033	V I	0.000011	0.000000020	0.0003	0.00000000	mg/kg	1	☼	8290	Total

Client Sample ID: SB-36 (1-2) — Lab Sample ID: 640-47005-3

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	Dil Fac	D	Method	Prep Type
2,3,7,8-TCDD	0.0000020		0.0000013	0.00000016	1	0.0000020	mg/kg	1	☼	8290	Total
1,2,3,7,8-PeCDD	0.0000034	J I	0.0000063	0.000000090	1	0.0000034	mg/kg	1	☼	8290	Total
1,2,3,4,7,8-HxCDD	0.0000021	I	0.0000063	0.000000050	0.1	0.00000021	mg/kg	1	☼	8290	Total
1,2,3,6,7,8-HxCDD	0.0000051	V I	0.0000063	0.000000050	0.1	0.00000051	mg/kg	1	☼	8290	Total
1,2,3,7,8,9-HxCDD	0.0000058	C V I	0.0000063	0.000000050	0.1	0.00000058	mg/kg	1	☼	8290	Total
1,2,3,4,6,7,8-HpCDD	0.000026	V	0.0000063	0.000000060	0.01	0.00000026	mg/kg	1	☼	8290	Total
OCDD	0.000086	V	0.000013	0.000000040	0.0003	0.00000003	mg/kg	1	☼	8290	Total
2,3,7,8-TCDF	0.000028		0.0000013	0.00000037	0.1	0.0000028	mg/kg	1	☼	8290	Total
1,2,3,7,8-PeCDF	0.0000096	J	0.0000063	0.00000016	0.03	0.00000029	mg/kg	1	☼	8290	Total
2,3,4,7,8-PeCDF	0.000015	V	0.0000063	0.00000016	0.3	0.0000045	mg/kg	1	☼	8290	Total
1,2,3,4,7,8-HxCDF	0.000014	C	0.0000063	0.000000050	0.1	0.0000014	mg/kg	1	☼	8290	Total
1,2,3,6,7,8-HxCDF	0.0000085	J	0.0000063	0.000000050	0.1	0.00000085	mg/kg	1	☼	8290	Total
2,3,4,6,7,8-HxCDF	0.0000066	V	0.0000063	0.000000050	0.1	0.00000066	mg/kg	1	☼	8290	Total
1,2,3,7,8,9-HxCDF	0.00000033	J I	0.0000063	0.000000050	0.1	0.00000003	mg/kg	1	☼	8290	Total
1,2,3,4,6,7,8-HpCDF	0.000022	J V	0.0000063	0.000000020	0.01	0.00000022	mg/kg	1	☼	8290	Total
1,2,3,4,7,8,9-HpCDF	0.0000018	I	0.0000063	0.000000030	0.01	0.00000002	mg/kg	1	☼	8290	Total
OCDF	0.0000095	V I	0.000013	0.000000020	0.0003	0.00000000	mg/kg	1	☼	8290	Total

Client Sample ID: SB-38 (0-0.5) — Lab Sample ID: 640-47005-7

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-38 (0-0.5) (Continued)

Lab Sample ID: 640-47005-7

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	Dil Fac	D	Method	Prep Type
2,3,7,8-TCDD	0.0000028	J	0.0000013	0.000000060	1	0.0000028	mg/kg	1	☼	8290	Total
1,2,3,7,8-PeCDD	0.0000012	J I	0.0000067	0.000000060	1	0.0000012	mg/kg	1	☼	8290	Total
1,2,3,4,7,8-HxCDD	0.0000015	I	0.0000067	0.000000070	0.1	0.00000015	mg/kg	1	☼	8290	Total
1,2,3,6,7,8-HxCDD	0.0000059	V I	0.0000067	0.000000070	0.1	0.00000059	mg/kg	1	☼	8290	Total
1,2,3,7,8,9-HxCDD	0.0000046	C V I	0.0000067	0.000000070	0.1	0.00000046	mg/kg	1	☼	8290	Total
1,2,3,4,6,7,8-HpCDD	0.00011	V	0.0000067	0.000000060	0.01	0.0000011	mg/kg	1	☼	8290	Total
OCDD	0.00092	V	0.000013	0.00000018	0.0003	0.00000028	mg/kg	1	☼	8290	Total
2,3,7,8-TCDF	0.0000064	J	0.0000013	0.000000071	0.1	0.00000064	mg/kg	1	☼	8290	Total
1,2,3,7,8-PeCDF	0.0000026	I	0.0000067	0.000000015	0.03	0.00000008	mg/kg	1	☼	8290	Total
2,3,4,7,8-PeCDF	0.0000043	J V I	0.0000067	0.000000015	0.3	0.0000013	mg/kg	1	☼	8290	Total
1,2,3,4,7,8-HxCDF	0.0000067	J	0.0000067	0.000000040	0.1	0.00000067	mg/kg	1	☼	8290	Total
1,2,3,6,7,8-HxCDF	0.0000065	J I	0.0000067	0.000000040	0.1	0.00000065	mg/kg	1	☼	8290	Total
2,3,4,6,7,8-HxCDF	0.0000030	J V I	0.0000067	0.000000040	0.1	0.00000030	mg/kg	1	☼	8290	Total
1,2,3,7,8,9-HxCDF	0.00000020	J I	0.0000067	0.000000040	0.1	0.00000002	mg/kg	1	☼	8290	Total
1,2,3,4,6,7,8-HpCDF	0.000041	V	0.0000067	0.000000040	0.01	0.00000041	mg/kg	1	☼	8290	Total
1,2,3,4,7,8,9-HpCDF	0.0000023	I	0.0000067	0.000000050	0.01	0.00000002	mg/kg	1	☼	8290	Total
OCDF	0.000055	J V	0.000013	0.000000040	0.0003	0.00000002	mg/kg	1	☼	8290	Total

Client Sample ID: SB-38 (0.5-1)

Lab Sample ID: 640-47005-8

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	Dil Fac	D	Method	Prep Type
2,3,7,8-TCDD	0.0000010	J I	0.0000011	0.00000011	1	0.0000010	mg/kg	1	☼	8290	Total
1,2,3,7,8-PeCDD	0.0000026	J I	0.0000057	0.000000080	1	0.0000026	mg/kg	1	☼	8290	Total
1,2,3,4,7,8-HxCDD	0.0000018	I	0.0000057	0.000000050	0.1	0.00000018	mg/kg	1	☼	8290	Total
1,2,3,6,7,8-HxCDD	0.0000066	V	0.0000057	0.000000060	0.1	0.00000066	mg/kg	1	☼	8290	Total
1,2,3,7,8,9-HxCDD	0.0000060	C V	0.0000057	0.000000050	0.1	0.00000060	mg/kg	1	☼	8290	Total
1,2,3,4,6,7,8-HpCDD	0.000083	V	0.0000057	0.000000080	0.01	0.00000083	mg/kg	1	☼	8290	Total
OCDD	0.00074	V	0.000011	0.00000011	0.0003	0.00000022	mg/kg	1	☼	8290	Total
2,3,7,8-TCDF	0.000019		0.0000011	0.000000029	0.1	0.0000019	mg/kg	1	☼	8290	Total
1,2,3,7,8-PeCDF	0.0000065		0.0000057	0.000000011	0.03	0.00000020	mg/kg	1	☼	8290	Total

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-38 (0.5-1) (Continued) — Lab Sample ID: 640-47005-8

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	Dil Fac	D	Method	Prep Type
2,3,4,7,8-PeCDF	0.000012	V	0.0000057	0.00000011	0.3	0.0000036	mg/kg	1	☼	8290	Total
1,2,3,4,7,8-HxCDF	0.000016	J	0.0000057	0.000000050	0.1	0.0000016	mg/kg	1	☼	8290	Total
1,2,3,6,7,8-HxCDF	0.000015	J	0.0000057	0.000000050	0.1	0.0000015	mg/kg	1	☼	8290	Total
2,3,4,6,7,8-HxCDF	0.0000082	J V	0.0000057	0.000000050	0.1	0.00000082	mg/kg	1	☼	8290	Total
1,2,3,7,8,9-HxCDF	0.00000074	I	0.0000057	0.000000050	0.1	0.00000007	mg/kg	1	☼	8290	Total
1,2,3,4,6,7,8-HpCDF	0.000038	V	0.0000057	0.000000040	0.01	0.00000038	mg/kg	1	☼	8290	Total
1,2,3,4,7,8,9-HpCDF	0.0000036	I	0.0000057	0.000000050	0.01	0.00000004	mg/kg	1	☼	8290	Total
OCDF	0.000046	V	0.000011	0.000000050	0.0003	0.00000001	mg/kg	1	☼	8290	Total

Client Sample ID: SB-33 (0-0.5) — Lab Sample ID: 640-47006-4

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	Dil Fac	D	Method	Prep Type
1,2,3,7,8-PeCDD	0.00000019	J I	0.0000050	0.000000040	1	0.00000019	mg/kg	1	☼	8290	Total
1,2,3,4,7,8-HxCDD	0.00000030	J I	0.0000050	0.000000030	0.1	0.00000003	mg/kg	1	☼	8290	Total
1,2,3,6,7,8-HxCDD	0.00000072	J V I	0.0000050	0.000000030	0.1	0.00000007	mg/kg	1	☼	8290	Total
1,2,3,7,8,9-HxCDD	0.00000057	J V I	0.0000050	0.000000030	0.1	0.00000006	mg/kg	1	☼	8290	Total
1,2,3,4,6,7,8-HpCDD	0.000017	V	0.0000050	0.000000040	0.01	0.00000017	mg/kg	1	☼	8290	Total
OCDD	0.00017	V	0.000010	0.00000010	0.0003	0.00000005	mg/kg	1	☼	8290	Total
2,3,7,8-TCDF	0.00000056	I	0.0000010	0.000000040	0.1	0.00000006	mg/kg	1	☼	8290	Total
1,2,3,7,8-PeCDF	0.00000032	J I	0.0000050	0.000000060	0.03	0.00000001	mg/kg	1	☼	8290	Total
2,3,4,7,8-PeCDF	0.00000049	J V I	0.0000050	0.000000050	0.3	0.00000015	mg/kg	1	☼	8290	Total
1,2,3,4,7,8-HxCDF	0.00000088	J I	0.0000050	0.000000030	0.1	0.00000009	mg/kg	1	☼	8290	Total
1,2,3,6,7,8-HxCDF	0.0000011	J I	0.0000050	0.000000030	0.1	0.00000011	mg/kg	1	☼	8290	Total
2,3,4,6,7,8-HxCDF	0.00000057	J V I	0.0000050	0.000000030	0.1	0.00000006	mg/kg	1	☼	8290	Total
1,2,3,4,6,7,8-HpCDF	0.0000053	J V	0.0000050	0.000000030	0.01	0.00000005	mg/kg	1	☼	8290	Total
1,2,3,4,7,8,9-HpCDF	0.00000049	I	0.0000050	0.000000040	0.01	0.00000000	mg/kg	1	☼	8290	Total
OCDF	0.000012	J V	0.000010	0.000000060	0.0003	0.00000000	mg/kg	1	☼	8290	Total

Client Sample ID: SB-33 (1-2) — Lab Sample ID: 640-47006-6

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	Dil Fac	D	Method	Prep Type
2,3,7,8-TCDD	0.0000015		0.0000010	0.00000012	1	0.0000015	mg/kg	1	☼	8290	Total

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-46930-3

Client Sample ID: SB-33 (1-2) (Continued)

Lab Sample ID: 640-47006-6

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	Dil Fac	D	Method	Prep Type
1,2,3,7,8-PeCDD	0.0000033	J I	0.0000053	0.000000070	1	0.0000033	mg/kg	1	☼	8290	Total
1,2,3,4,7,8-HxCDD	0.0000018	I	0.0000053	0.000000020	0.1	0.00000018	mg/kg	1	☼	8290	Total
1,2,3,6,7,8-HxCDD	0.0000047	V I	0.0000053	0.000000030	0.1	0.00000047	mg/kg	1	☼	8290	Total
1,2,3,7,8,9-HxCDD	0.0000056	C V	0.0000053	0.000000020	0.1	0.00000056	mg/kg	1	☼	8290	Total
1,2,3,4,6,7,8-HpCDD	0.000026	V	0.0000053	0.000000030	0.01	0.00000026	mg/kg	1	☼	8290	Total
OCDD	0.000080	V	0.000011	0.000000020	0.0003	0.00000002	mg/kg	1	☼	8290	Total
2,3,7,8-TCDF	0.000019		0.0000010	0.00000024	0.1	0.0000019	mg/kg	1	☼	8290	Total
1,2,3,7,8-PeCDF	0.000011		0.0000053	0.00000011	0.03	0.00000033	mg/kg	1	☼	8290	Total
2,3,4,7,8-PeCDF	0.000017	V	0.0000053	0.00000011	0.3	0.0000051	mg/kg	1	☼	8290	Total
1,2,3,4,7,8-HxCDF	0.000035	J	0.0000053	0.000000050	0.1	0.0000035	mg/kg	1	☼	8290	Total
1,2,3,6,7,8-HxCDF	0.000011	J	0.0000053	0.000000040	0.1	0.0000011	mg/kg	1	☼	8290	Total
2,3,4,6,7,8-HxCDF	0.000013	V	0.0000053	0.000000040	0.1	0.0000013	mg/kg	1	☼	8290	Total
1,2,3,7,8,9-HxCDF	0.00000043	J I	0.0000053	0.000000050	0.1	0.00000004	mg/kg	1	☼	8290	Total
1,2,3,4,6,7,8-HpCDF	0.000048	V	0.0000053	0.000000020	0.01	0.00000048	mg/kg	1	☼	8290	Total
1,2,3,4,7,8,9-HpCDF	0.0000027	I	0.0000053	0.000000030	0.01	0.00000003	mg/kg	1	☼	8290	Total
OCDF	0.000011	J V	0.000011	0.000000010	0.0003	0.00000000	mg/kg	1	☼	8290	Total

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-42 (0-0.5)
Date Collected: 02/24/14 14:12
Date Received: 02/25/14 09:00

Lab Sample ID: 640-46930-7
Matrix: Solid
Percent Solids: 76

Method: 8290 - Dioxins/Furans, HRGC/HRMS (8290)

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	D	Prepared	Analyzed	Dil Fac
2,3,7,8-TCDD	0.00000012	J I	0.0000013	).00000011	1	).00000012	mg/kg	☼	03/24/14 13:40	04/01/14 02:23	1
1,2,3,7,8-PeCDD	0.00000080	J V I	0.0000066	000000060	1	).00000080	mg/kg	☼	03/24/14 13:40	04/01/14 02:23	1
1,2,3,4,7,8-HxCDD	0.00000071	J I	0.0000066	000000060	0.1	).00000007	mg/kg	☼	03/24/14 13:40	04/01/14 02:23	1
1,2,3,6,7,8-HxCDD	0.0000054	I	0.0000066	000000060	0.1	).00000054	mg/kg	☼	03/24/14 13:40	04/01/14 02:23	1
1,2,3,7,8,9-HxCDD	0.0000036	C V I	0.0000066	000000060	0.1	).00000036	mg/kg	☼	03/24/14 13:40	04/01/14 02:23	1
1,2,3,4,6,7,8-HpCDD	0.00018	V	0.0000066	).00000012	0.01	0.0000018	mg/kg	☼	03/24/14 13:40	04/01/14 02:23	1
OCDD	0.0023	V	0.000013	).00000024	0.0003	).00000069	mg/kg	☼	03/24/14 13:40	04/01/14 02:23	1
2,3,7,8-TCDF	0.0000013	I	0.0000013	000000060	0.1	).00000013	mg/kg	☼	03/24/14 13:40	04/01/14 02:23	1
1,2,3,7,8-PeCDF	0.00000048	I	0.0000066	000000080	0.03	).00000001	mg/kg	☼	03/24/14 13:40	04/01/14 02:23	1
2,3,4,7,8-PeCDF	0.00000065	J V I	0.0000066	000000080	0.3	).00000020	mg/kg	☼	03/24/14 13:40	04/01/14 02:23	1
1,2,3,4,7,8-HxCDF	0.0000023	C V I	0.0000066	000000040	0.1	).00000023	mg/kg	☼	03/24/14 13:40	04/01/14 02:23	1
1,2,3,6,7,8-HxCDF	0.0000035	J V I	0.0000066	000000040	0.1	).00000035	mg/kg	☼	03/24/14 13:40	04/01/14 02:23	1
2,3,4,6,7,8-HxCDF	0.0000012	V I	0.0000066	000000040	0.1	).00000012	mg/kg	☼	03/24/14 13:40	04/01/14 02:23	1
1,2,3,7,8,9-HxCDF	0.00000019	J V I	0.0000066	000000050	0.1	).00000002	mg/kg	☼	03/24/14 13:40	04/01/14 02:23	1
1,2,3,4,6,7,8-HpCDF	0.000023	J V	0.0000066	000000070	0.01	).00000023	mg/kg	☼	03/24/14 13:40	04/01/14 02:23	1
1,2,3,4,7,8,9-HpCDF	0.0000017	J V I	0.0000066	).00000010	0.01	).00000002	mg/kg	☼	03/24/14 13:40	04/01/14 02:23	1
OCDF	0.000089	V	0.000013	000000040	0.0003	).00000003	mg/kg	☼	03/24/14 13:40	04/01/14 02:23	1
Total TEQ (WHO 2005)						**0.0000057**					

Internal Standard	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C-2,3,7,8-TCDD	*64*		*40 - 135*	*03/24/14 13:40*	*04/01/14 02:23*	*1*
13C-1,2,3,7,8-PeCDD	*66*		*40 - 135*	*03/24/14 13:40*	*04/01/14 02:23*	*1*
13C-1,2,3,4,7,8-HxCDD	*61*		*40 - 135*	*03/24/14 13:40*	*04/01/14 02:23*	*1*
13C-1,2,3,6,7,8-HxCDD	*55*		*40 - 135*	*03/24/14 13:40*	*04/01/14 02:23*	*1*
13C-1,2,3,4,6,7,8-HpCDD	*70*		*40 - 135*	*03/24/14 13:40*	*04/01/14 02:23*	*1*
13C-OCDD	*65*		*40 - 135*	*03/24/14 13:40*	*04/01/14 02:23*	*1*
13C-2,3,7,8-TCDF	*66*		*40 - 135*	*03/24/14 13:40*	*04/01/14 02:23*	*1*
13C-1,2,3,7,8-PeCDF	*62*		*40 - 135*	*03/24/14 13:40*	*04/01/14 02:23*	*1*
13C-2,3,4,7,8-PeCDF	*58*		*40 - 135*	*03/24/14 13:40*	*04/01/14 02:23*	*1*
13C-1,2,3,4,7,8-HxCDF	*56*		*40 - 135*	*03/24/14 13:40*	*04/01/14 02:23*	*1*
13C-1,2,3,6,7,8-HxCDF	*60*		*40 - 135*	*03/24/14 13:40*	*04/01/14 02:23*	*1*
13C-2,3,4,6,7,8-HxCDF	*59*		*40 - 135*	*03/24/14 13:40*	*04/01/14 02:23*	*1*
13C-1,2,3,7,8,9-HxCDF	*60*		*40 - 135*	*03/24/14 13:40*	*04/01/14 02:23*	*1*
13C-1,2,3,4,6,7,8-HpCDF	*59*		*40 - 135*	*03/24/14 13:40*	*04/01/14 02:23*	*1*
13C-1,2,3,4,7,8,9-HpCDF	*64*		*40 - 135*	*03/24/14 13:40*	*04/01/14 02:23*	*1*
13C-OCDF	*56*		*40 - 135*	*03/24/14 13:40*	*04/01/14 02:23*	*1*

Client Sample ID: SB-42 (1.5-2)
Date Collected: 02/24/14 14:18
Date Received: 02/25/14 09:00

Lab Sample ID: 640-46930-10
Matrix: Solid
Percent Solids: 78

Method: 8290 - Dioxins/Furans, HRGC/HRMS (8290)

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	D	Prepared	Analyzed	Dil Fac
2,3,7,8-TCDD	0.0000030		0.0000013	0.00000017	1	0.0000030	mg/kg	☼	03/24/14 13:40	04/01/14 03:25	1
1,2,3,7,8-PeCDD	0.0000050	V I	0.0000063	0.00000012	1	0.0000050	mg/kg	☼	03/24/14 13:40	04/01/14 03:25	1
1,2,3,4,7,8-HxCDD	0.0000022	J I	0.0000063	0.000000050	0.1	0.00000022	mg/kg	☼	03/24/14 13:40	04/01/14 03:25	1
1,2,3,6,7,8-HxCDD	0.000016		0.0000063	0.000000060	0.1	0.0000016	mg/kg	☼	03/24/14 13:40	04/01/14 03:25	1
1,2,3,7,8,9-HxCDD	0.000012	C V	0.0000063	0.000000050	0.1	0.0000012	mg/kg	☼	03/24/14 13:40	04/01/14 03:25	1
1,2,3,4,6,7,8-HpCDD	0.000070	V	0.0000063	0.000000080	0.01	0.00000070	mg/kg	☼	03/24/14 13:40	04/01/14 03:25	1
OCDD	0.00030	V	0.000013	0.00000010	0.0003	0.00000009	mg/kg	☼	03/24/14 13:40	04/01/14 03:25	1
2,3,7,8-TCDF	0.0000092		0.0000013	0.00000032	0.1	0.00000092	mg/kg	☼	03/24/14 13:40	04/02/14 11:28	1
1,2,3,7,8-PeCDF	0.0000050	I	0.0000063	0.00000022	0.03	0.00000015	mg/kg	☼	03/24/14 13:40	04/01/14 03:25	1
2,3,4,7,8-PeCDF	0.0000070	J V	0.0000063	0.00000021	0.3	0.0000021	mg/kg	☼	03/24/14 13:40	04/01/14 03:25	1
1,2,3,4,7,8-HxCDF	0.0000096	C V	0.0000063	0.000000080	0.1	0.00000096	mg/kg	☼	03/24/14 13:40	04/01/14 03:25	1
1,2,3,6,7,8-HxCDF	0.000020	J V	0.0000063	0.000000080	0.1	0.0000020	mg/kg	☼	03/24/14 13:40	04/01/14 03:25	1
2,3,4,6,7,8-HxCDF	0.0000046	J V I	0.0000063	0.000000080	0.1	0.00000046	mg/kg	☼	03/24/14 13:40	04/01/14 03:25	1
1,2,3,7,8,9-HxCDF	0.00000035	J V I	0.0000063	0.000000090	0.1	0.00000004	mg/kg	☼	03/24/14 13:40	04/01/14 03:25	1
1,2,3,4,6,7,8-HpCDF	0.000044	V	0.0000063	0.000000050	0.01	0.00000044	mg/kg	☼	03/24/14 13:40	04/01/14 03:25	1
1,2,3,4,7,8,9-HpCDF	0.0000016	V I	0.0000063	0.000000070	0.01	0.00000002	mg/kg	☼	03/24/14 13:40	04/01/14 03:25	1
OCDF	0.000020	J V	0.000013	0.000000040	0.0003	0.00000001	mg/kg	☼	03/24/14 13:40	04/01/14 03:25	1
Total TEQ (WHO 2005)						**0.000019**					

Internal Standard	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C-2,3,7,8-TCDD	*64*		*40 - 135*	*03/24/14 13:40*	*04/01/14 03:25*	*1*
13C-1,2,3,7,8-PeCDD	*71*		*40 - 135*	*03/24/14 13:40*	*04/01/14 03:25*	*1*
13C-1,2,3,4,7,8-HxCDD	*67*		*40 - 135*	*03/24/14 13:40*	*04/01/14 03:25*	*1*
13C-1,2,3,6,7,8-HxCDD	*62*		*40 - 135*	*03/24/14 13:40*	*04/01/14 03:25*	*1*
13C-1,2,3,4,6,7,8-HpCDD	*73*		*40 - 135*	*03/24/14 13:40*	*04/01/14 03:25*	*1*
13C-OCDD	*66*		*40 - 135*	*03/24/14 13:40*	*04/01/14 03:25*	*1*
13C-2,3,7,8-TCDF	*75*		*40 - 135*	*03/24/14 13:40*	*04/02/14 11:28*	*1*
13C-1,2,3,7,8-PeCDF	*65*		*40 - 135*	*03/24/14 13:40*	*04/01/14 03:25*	*1*
13C-2,3,4,7,8-PeCDF	*63*		*40 - 135*	*03/24/14 13:40*	*04/01/14 03:25*	*1*
13C-1,2,3,4,7,8-HxCDF	*62*		*40 - 135*	*03/24/14 13:40*	*04/01/14 03:25*	*1*
13C-1,2,3,6,7,8-HxCDF	*61*		*40 - 135*	*03/24/14 13:40*	*04/01/14 03:25*	*1*
13C-2,3,4,6,7,8-HxCDF	*63*		*40 - 135*	*03/24/14 13:40*	*04/01/14 03:25*	*1*
13C-1,2,3,7,8,9-HxCDF	*65*		*40 - 135*	*03/24/14 13:40*	*04/01/14 03:25*	*1*
13C-1,2,3,4,6,7,8-HpCDF	*64*		*40 - 135*	*03/24/14 13:40*	*04/01/14 03:25*	*1*
13C-1,2,3,4,7,8,9-HpCDF	*70*		*40 - 135*	*03/24/14 13:40*	*04/01/14 03:25*	*1*
13C-OCDF	*59*		*40 - 135*	*03/24/14 13:40*	*04/01/14 03:25*	*1*

Client Sample ID: SB-44 (0-0.5)
Date Collected: 02/24/14 13:35
Date Received: 02/25/14 09:00

Lab Sample ID: 640-46930-14
Matrix: Solid
Percent Solids: 85

Method: 8290 - Dioxins/Furans, HRGC/HRMS (8290)

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	D	Prepared	Analyzed	Dil Fac
2,3,7,8-TCDD	0.00000013	U	0.0000012	0.00000013	1	0.00000007	mg/kg	☼	03/24/14 13:40	04/01/14 04:27	1
1,2,3,7,8-PeCDD	0.00000049	J V I	0.0000059	0.00000080	1	0.00000049	mg/kg	☼	03/24/14 13:40	04/01/14 04:27	1
1,2,3,4,7,8-HxCDD	0.00000074	I	0.0000059	0.00000080	0.1	0.00000007	mg/kg	☼	03/24/14 13:40	04/01/14 04:27	1
1,2,3,6,7,8-HxCDD	0.0000015	I	0.0000059	0.00000090	0.1	0.00000015	mg/kg	☼	03/24/14 13:40	04/01/14 04:27	1
1,2,3,7,8,9-HxCDD	0.0000016	J V I	0.0000059	0.00000080	0.1	0.00000016	mg/kg	☼	03/24/14 13:40	04/01/14 04:27	1
1,2,3,4,6,7,8-HpCDD	0.000027	V	0.0000059	0.00000070	0.01	0.00000027	mg/kg	☼	03/24/14 13:40	04/01/14 04:27	1
OCDD	0.00028	V	0.000012	0.00000015	0.0003	0.00000008	mg/kg	☼	03/24/14 13:40	04/01/14 04:27	1
2,3,7,8-TCDF	0.00000035	I	0.0000012	0.00000016	0.1	0.00000004	mg/kg	☼	03/24/14 13:40	04/02/14 12:00	1
1,2,3,7,8-PeCDF	0.00000028	J I	0.0000059	0.00000090	0.03	0.00000001	mg/kg	☼	03/24/14 13:40	04/01/14 04:27	1
2,3,4,7,8-PeCDF	0.00000041	J V I	0.0000059	0.00000090	0.3	0.00000012	mg/kg	☼	03/24/14 13:40	04/01/14 04:27	1
1,2,3,4,7,8-HxCDF	0.0000011	J V I	0.0000059	0.00000040	0.1	0.00000011	mg/kg	☼	03/24/14 13:40	04/01/14 04:27	1
1,2,3,6,7,8-HxCDF	0.0000010	J V I	0.0000059	0.00000040	0.1	0.00000010	mg/kg	☼	03/24/14 13:40	04/01/14 04:27	1
2,3,4,6,7,8-HxCDF	0.00000064	J V I	0.0000059	0.00000040	0.1	0.00000006	mg/kg	☼	03/24/14 13:40	04/01/14 04:27	1
1,2,3,7,8,9-HxCDF	0.000000050	U	0.0000059	0.00000050	0.1	0.00000000	mg/kg	☼	03/24/14 13:40	04/01/14 04:27	1
1,2,3,4,6,7,8-HpCDF	0.0000071	J V	0.0000059	0.00000013	0.01	0.00000007	mg/kg	☼	03/24/14 13:40	04/01/14 04:27	1
1,2,3,4,7,8,9-HpCDF	0.00000041	J V I	0.0000059	0.00000020	0.01	0.00000000	mg/kg	☼	03/24/14 13:40	04/01/14 04:27	1
OCDF	0.000012	V I	0.000012	0.00000080	0.0003	0.00000000	mg/kg	☼	03/24/14 13:40	04/01/14 04:27	1
Total TEQ (WHO 2005)						**0.0000018**					

Internal Standard	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C-2,3,7,8-TCDD	*54*		*40 - 135*	*03/24/14 13:40*	*04/01/14 04:27*	*1*
13C-1,2,3,7,8-PeCDD	*57*		*40 - 135*	*03/24/14 13:40*	*04/01/14 04:27*	*1*
13C-1,2,3,4,7,8-HxCDD	*54*		*40 - 135*	*03/24/14 13:40*	*04/01/14 04:27*	*1*
13C-1,2,3,6,7,8-HxCDD	*54*		*40 - 135*	*03/24/14 13:40*	*04/01/14 04:27*	*1*
13C-1,2,3,4,6,7,8-HpCDD	*58*		*40 - 135*	*03/24/14 13:40*	*04/01/14 04:27*	*1*
13C-OCDD	*48*		*40 - 135*	*03/24/14 13:40*	*04/01/14 04:27*	*1*
13C-2,3,7,8-TCDF	*57*		*40 - 135*	*03/24/14 13:40*	*04/02/14 12:00*	*1*
13C-1,2,3,7,8-PeCDF	*51*		*40 - 135*	*03/24/14 13:40*	*04/01/14 04:27*	*1*
13C-2,3,4,7,8-PeCDF	*52*		*40 - 135*	*03/24/14 13:40*	*04/01/14 04:27*	*1*
13C-1,2,3,4,7,8-HxCDF	*53*		*40 - 135*	*03/24/14 13:40*	*04/01/14 04:27*	*1*
13C-1,2,3,6,7,8-HxCDF	*52*		*40 - 135*	*03/24/14 13:40*	*04/01/14 04:27*	*1*
13C-2,3,4,6,7,8-HxCDF	*57*		*40 - 135*	*03/24/14 13:40*	*04/01/14 04:27*	*1*
13C-1,2,3,7,8,9-HxCDF	*56*		*40 - 135*	*03/24/14 13:40*	*04/01/14 04:27*	*1*
13C-1,2,3,4,6,7,8-HpCDF	*56*		*40 - 135*	*03/24/14 13:40*	*04/01/14 04:27*	*1*
13C-1,2,3,4,7,8,9-HpCDF	*54*		*40 - 135*	*03/24/14 13:40*	*04/01/14 04:27*	*1*
13C-OCDF	*47*		*40 - 135*	*03/24/14 13:40*	*04/01/14 04:27*	*1*

Client Sample ID: SB-44 (1-2)
Date Collected: 02/24/14 13:39
Date Received: 02/25/14 09:00

Lab Sample ID: 640-46930-16
Matrix: Solid
Percent Solids: 77

Method: 8290 - Dioxins/Furans, HRGC/HRMS (8290)

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	D	Prepared	Analyzed	Dil Fac
2,3,7,8-TCDD	0.0000020	J	0.0000013	0.00000029	1	0.0000020	mg/kg	☼	03/24/14 13:40	04/01/14 05:28	1
1,2,3,7,8-PeCDD	0.0000053	V I	0.0000064	0.00000021	1	0.0000053	mg/kg	☼	03/24/14 13:40	04/01/14 05:28	1
1,2,3,4,7,8-HxCDD	0.0000024	I	0.0000064	0.00000014	0.1	0.00000024	mg/kg	☼	03/24/14 13:40	04/01/14 05:28	1
1,2,3,6,7,8-HxCDD	0.000016		0.0000064	0.00000013	0.1	0.0000016	mg/kg	☼	03/24/14 13:40	04/01/14 05:28	1
1,2,3,7,8,9-HxCDD	0.000013	C V	0.0000064	0.00000013	0.1	0.0000013	mg/kg	☼	03/24/14 13:40	04/01/14 05:28	1
1,2,3,4,6,7,8-HpCDD	0.00010	V	0.0000064	0.000000090	0.01	0.0000010	mg/kg	☼	03/24/14 13:40	04/01/14 05:28	1
OCDD	0.00037	V	0.000013	0.00000018	0.0003	0.00000011	mg/kg	☼	03/24/14 13:40	04/01/14 05:28	1
2,3,7,8-TCDF	0.000021		0.0000013	0.00000032	0.1	0.0000021	mg/kg	☼	03/24/14 13:40	04/02/14 12:31	1
1,2,3,7,8-PeCDF	0.000011		0.0000064	0.00000046	0.03	0.00000033	mg/kg	☼	03/24/14 13:40	04/01/14 05:28	1
2,3,4,7,8-PeCDF	0.000011	V	0.0000064	0.00000036	0.3	0.0000033	mg/kg	☼	03/24/14 13:40	04/01/14 05:28	1
1,2,3,4,7,8-HxCDF	0.000013	C V	0.0000064	0.00000011	0.1	0.0000013	mg/kg	☼	03/24/14 13:40	04/01/14 05:28	1
1,2,3,6,7,8-HxCDF	0.000024	J V	0.0000064	0.00000011	0.1	0.0000024	mg/kg	☼	03/24/14 13:40	04/01/14 05:28	1
2,3,4,6,7,8-HxCDF	0.0000065	V	0.0000064	0.00000010	0.1	0.00000065	mg/kg	☼	03/24/14 13:40	04/01/14 05:28	1
1,2,3,7,8,9-HxCDF	0.00000026	J V I	0.0000064	0.00000012	0.1	0.00000003	mg/kg	☼	03/24/14 13:40	04/01/14 05:28	1
1,2,3,4,6,7,8-HpCDF	0.000038	V	0.0000064	0.000000080	0.01	0.00000038	mg/kg	☼	03/24/14 13:40	04/01/14 05:28	1
1,2,3,4,7,8,9-HpCDF	0.0000019	V I	0.0000064	0.00000011	0.01	0.00000002	mg/kg	☼	03/24/14 13:40	04/01/14 05:28	1
OCDF	0.000013	J V	0.000013	0.000000040	0.0003	0.00000000	mg/kg	☼	03/24/14 13:40	04/01/14 05:28	1
Total TEQ (WHO 2005)						**0.000022**					

Internal Standard	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C-2,3,7,8-TCDD	*68*		*40 - 135*	*03/24/14 13:40*	*04/01/14 05:28*	*1*
13C-1,2,3,7,8-PeCDD	*64*		*40 - 135*	*03/24/14 13:40*	*04/01/14 05:28*	*1*
13C-1,2,3,4,7,8-HxCDD	*65*		*40 - 135*	*03/24/14 13:40*	*04/01/14 05:28*	*1*
13C-1,2,3,6,7,8-HxCDD	*63*		*40 - 135*	*03/24/14 13:40*	*04/01/14 05:28*	*1*
13C-1,2,3,4,6,7,8-HpCDD	*73*		*40 - 135*	*03/24/14 13:40*	*04/01/14 05:28*	*1*
13C-OCDD	*70*		*40 - 135*	*03/24/14 13:40*	*04/01/14 05:28*	*1*
13C-2,3,7,8-TCDF	*72*		*40 - 135*	*03/24/14 13:40*	*04/02/14 12:31*	*1*
13C-1,2,3,7,8-PeCDF	*58*		*40 - 135*	*03/24/14 13:40*	*04/01/14 05:28*	*1*
13C-2,3,4,7,8-PeCDF	*65*		*40 - 135*	*03/24/14 13:40*	*04/01/14 05:28*	*1*
13C-1,2,3,4,7,8-HxCDF	*64*		*40 - 135*	*03/24/14 13:40*	*04/01/14 05:28*	*1*
13C-1,2,3,6,7,8-HxCDF	*59*		*40 - 135*	*03/24/14 13:40*	*04/01/14 05:28*	*1*
13C-2,3,4,6,7,8-HxCDF	*72*		*40 - 135*	*03/24/14 13:40*	*04/01/14 05:28*	*1*
13C-1,2,3,7,8,9-HxCDF	*66*		*40 - 135*	*03/24/14 13:40*	*04/01/14 05:28*	*1*
13C-1,2,3,4,6,7,8-HpCDF	*59*		*40 - 135*	*03/24/14 13:40*	*04/01/14 05:28*	*1*
13C-1,2,3,4,7,8,9-HpCDF	*66*		*40 - 135*	*03/24/14 13:40*	*04/01/14 05:28*	*1*
13C-OCDF	*61*		*40 - 135*	*03/24/14 13:40*	*04/01/14 05:28*	*1*

Client Sample ID: SB-20 (0-0.5)
Date Collected: 02/25/14 11:45
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46968-6
Matrix: Solid
Percent Solids: 76

Method: 8290 - Dioxins/Furans, HRGC/HRMS (8290)

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	D	Prepared	Analyzed	Dil Fac
2,3,7,8-TCDD	0.00000058	J I	0.0000013	0.00000010	1	0.00000058	mg/kg	☼	03/24/14 13:40	04/01/14 23:04	1
1,2,3,7,8-PeCDD	0.0000025	J V I	0.0000064	0.00000070	1	0.0000025	mg/kg	☼	03/24/14 13:40	04/01/14 23:04	1
1,2,3,4,7,8-HxCDD	0.0000023	I	0.0000064	0.00000040	0.1	0.00000023	mg/kg	☼	03/24/14 13:40	04/01/14 23:04	1
1,2,3,6,7,8-HxCDD	0.0000068		0.0000064	0.00000050	0.1	0.00000068	mg/kg	☼	03/24/14 13:40	04/01/14 23:04	1
1,2,3,7,8,9-HxCDD	0.0000056	C V I	0.0000064	0.00000040	0.1	0.00000056	mg/kg	☼	03/24/14 13:40	04/01/14 23:04	1
1,2,3,4,6,7,8-HpCDD	0.000096	V	0.0000064	0.00000070	0.01	0.00000096	mg/kg	☼	03/24/14 13:40	04/01/14 23:04	1
OCDD	0.00073	V	0.000013	0.00000080	0.0003	0.00000022	mg/kg	☼	03/24/14 13:40	04/01/14 23:04	1
2,3,7,8-TCDF	0.000010		0.0000013	0.00000024	0.1	0.0000010	mg/kg	☼	03/24/14 13:40	04/02/14 15:39	1
1,2,3,7,8-PeCDF	0.0000057	I	0.0000064	0.00000010	0.03	0.00000017	mg/kg	☼	03/24/14 13:40	04/01/14 23:04	1
2,3,4,7,8-PeCDF	0.0000081	V	0.0000064	0.00000010	0.3	0.0000024	mg/kg	☼	03/24/14 13:40	04/01/14 23:04	1
1,2,3,4,7,8-HxCDF	0.000010	C V	0.0000064	0.00000050	0.1	0.0000010	mg/kg	☼	03/24/14 13:40	04/01/14 23:04	1
1,2,3,6,7,8-HxCDF	0.0000054	J V I	0.0000064	0.00000050	0.1	0.00000054	mg/kg	☼	03/24/14 13:40	04/01/14 23:04	1
2,3,4,6,7,8-HxCDF	0.0000052	V I	0.0000064	0.00000040	0.1	0.00000052	mg/kg	☼	03/24/14 13:40	04/01/14 23:04	1
1,2,3,7,8,9-HxCDF	0.00000025	J V I	0.0000064	0.00000050	0.1	0.00000003	mg/kg	☼	03/24/14 13:40	04/01/14 23:04	1
1,2,3,4,6,7,8-HpCDF	0.000025	V	0.0000064	0.00000030	0.01	0.00000025	mg/kg	☼	03/24/14 13:40	04/01/14 23:04	1
1,2,3,4,7,8,9-HpCDF	0.0000013	V I	0.0000064	0.00000040	0.01	0.00000001	mg/kg	☼	03/24/14 13:40	04/01/14 23:04	1
OCDF	0.000036	V	0.000013	0.00000020	0.0003	0.00000001	mg/kg	☼	03/24/14 13:40	04/01/14 23:04	1
Total TEQ (WHO 2005)						**0.000012**					

Internal Standard	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C-2,3,7,8-TCDD	*68*		*40 - 135*	*03/24/14 13:40*	*04/01/14 23:04*	*1*
13C-1,2,3,7,8-PeCDD	*71*		*40 - 135*	*03/24/14 13:40*	*04/01/14 23:04*	*1*
13C-1,2,3,4,7,8-HxCDD	*74*		*40 - 135*	*03/24/14 13:40*	*04/01/14 23:04*	*1*
13C-1,2,3,6,7,8-HxCDD	*71*		*40 - 135*	*03/24/14 13:40*	*04/01/14 23:04*	*1*
13C-1,2,3,4,6,7,8-HpCDD	*85*		*40 - 135*	*03/24/14 13:40*	*04/01/14 23:04*	*1*
13C-OCDD	*87*		*40 - 135*	*03/24/14 13:40*	*04/01/14 23:04*	*1*
13C-2,3,7,8-TCDF	*71*		*40 - 135*	*03/24/14 13:40*	*04/02/14 15:39*	*1*
13C-1,2,3,7,8-PeCDF	*69*		*40 - 135*	*03/24/14 13:40*	*04/01/14 23:04*	*1*
13C-2,3,4,7,8-PeCDF	*67*		*40 - 135*	*03/24/14 13:40*	*04/01/14 23:04*	*1*
13C-1,2,3,4,7,8-HxCDF	*60*		*40 - 135*	*03/24/14 13:40*	*04/01/14 23:04*	*1*
13C-1,2,3,6,7,8-HxCDF	*61*		*40 - 135*	*03/24/14 13:40*	*04/01/14 23:04*	*1*
13C-2,3,4,6,7,8-HxCDF	*70*		*40 - 135*	*03/24/14 13:40*	*04/01/14 23:04*	*1*
13C-1,2,3,7,8,9-HxCDF	*69*		*40 - 135*	*03/24/14 13:40*	*04/01/14 23:04*	*1*
13C-1,2,3,4,6,7,8-HpCDF	*67*		*40 - 135*	*03/24/14 13:40*	*04/01/14 23:04*	*1*
13C-1,2,3,4,7,8,9-HpCDF	*69*		*40 - 135*	*03/24/14 13:40*	*04/01/14 23:04*	*1*
13C-OCDF	*67*		*40 - 135*	*03/24/14 13:40*	*04/01/14 23:04*	*1*

Client Sample ID: SB-20 (0.5-2)
Date Collected: 02/25/14 11:47
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46968-7
Matrix: Solid
Percent Solids: 83

Method: 8290 - Dioxins/Furans, HRGC/HRMS (8290)

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	D	Prepared	Analyzed	Dil Fac
2,3,7,8-TCDD	0.0000056		0.0000012	0.00000027	1	0.0000056	mg/kg	☼	03/24/14 13:40	04/02/14 00:17	1
1,2,3,7,8-PeCDD	0.0000081	J V	0.0000060	0.00000010	1	0.0000081	mg/kg	☼	03/24/14 13:40	04/02/14 00:17	1
1,2,3,4,7,8-HxCDD	0.0000038	I	0.0000060	0.00000030	0.1	0.00000038	mg/kg	☼	03/24/14 13:40	04/02/14 00:17	1
1,2,3,6,7,8-HxCDD	0.0000095		0.0000060	0.00000030	0.1	0.00000095	mg/kg	☼	03/24/14 13:40	04/02/14 00:17	1
1,2,3,7,8,9-HxCDD	0.000010	C V	0.0000060	0.00000030	0.1	0.0000010	mg/kg	☼	03/24/14 13:40	04/02/14 00:17	1
1,2,3,4,6,7,8-HpCDD	0.000031	V	0.0000060	0.00000060	0.01	0.00000031	mg/kg	☼	03/24/14 13:40	04/02/14 00:17	1
OCDD	0.00011	V	0.000012	0.00000040	0.0003	0.00000003	mg/kg	☼	03/24/14 13:40	04/02/14 00:17	1
2,3,7,8-TCDF	0.000090		0.0000012	0.00000047	0.1	0.0000090	mg/kg	☼	03/24/14 13:40	04/02/14 16:10	1
1,2,3,7,8-PeCDF	0.000031		0.0000060	0.00000020	0.03	0.00000093	mg/kg	☼	03/24/14 13:40	04/02/14 00:17	1
2,3,4,7,8-PeCDF	0.000047	V	0.0000060	0.00000019	0.3	0.000014	mg/kg	☼	03/24/14 13:40	04/02/14 00:17	1
1,2,3,4,7,8-HxCDF	0.000038	C V	0.0000060	0.00000060	0.1	0.0000038	mg/kg	☼	03/24/14 13:40	04/02/14 00:17	1
1,2,3,6,7,8-HxCDF	0.000017	J V	0.0000060	0.00000060	0.1	0.0000017	mg/kg	☼	03/24/14 13:40	04/02/14 00:17	1
2,3,4,6,7,8-HxCDF	0.000017	V	0.0000060	0.00000050	0.1	0.0000017	mg/kg	☼	03/24/14 13:40	04/02/14 00:17	1
1,2,3,7,8,9-HxCDF	0.00000056	V I	0.0000060	0.00000060	0.1	0.00000006	mg/kg	☼	03/24/14 13:40	04/02/14 00:17	1
1,2,3,4,6,7,8-HpCDF	0.000044	V	0.0000060	0.00000020	0.01	0.00000044	mg/kg	☼	03/24/14 13:40	04/02/14 00:17	1
1,2,3,4,7,8,9-HpCDF	0.0000018	V I	0.0000060	0.00000030	0.01	0.00000002	mg/kg	☼	03/24/14 13:40	04/02/14 00:17	1
OCDF	0.000011	J V I	0.000012	0.00000020	0.0003	0.00000000	mg/kg	☼	03/24/14 13:40	04/02/14 00:17	1
Total TEQ (WHO 2005)						**0.000048**					

Internal Standard	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C-2,3,7,8-TCDD	*69*		*40 - 135*	*03/24/14 13:40*	*04/02/14 00:17*	*1*
13C-1,2,3,7,8-PeCDD	*82*		*40 - 135*	*03/24/14 13:40*	*04/02/14 00:17*	*1*
13C-1,2,3,4,7,8-HxCDD	*66*		*40 - 135*	*03/24/14 13:40*	*04/02/14 00:17*	*1*
13C-1,2,3,6,7,8-HxCDD	*63*		*40 - 135*	*03/24/14 13:40*	*04/02/14 00:17*	*1*
13C-1,2,3,4,6,7,8-HpCDD	*79*		*40 - 135*	*03/24/14 13:40*	*04/02/14 00:17*	*1*
13C-OCDD	*84*		*40 - 135*	*03/24/14 13:40*	*04/02/14 00:17*	*1*
13C-2,3,7,8-TCDF	*72*		*40 - 135*	*03/24/14 13:40*	*04/02/14 16:10*	*1*
13C-1,2,3,7,8-PeCDF	*69*		*40 - 135*	*03/24/14 13:40*	*04/02/14 00:17*	*1*
13C-2,3,4,7,8-PeCDF	*67*		*40 - 135*	*03/24/14 13:40*	*04/02/14 00:17*	*1*
13C-1,2,3,4,7,8-HxCDF	*58*		*40 - 135*	*03/24/14 13:40*	*04/02/14 00:17*	*1*
13C-1,2,3,6,7,8-HxCDF	*59*		*40 - 135*	*03/24/14 13:40*	*04/02/14 00:17*	*1*
13C-2,3,4,6,7,8-HxCDF	*66*		*40 - 135*	*03/24/14 13:40*	*04/02/14 00:17*	*1*
13C-1,2,3,7,8,9-HxCDF	*67*		*40 - 135*	*03/24/14 13:40*	*04/02/14 00:17*	*1*
13C-1,2,3,4,6,7,8-HpCDF	*62*		*40 - 135*	*03/24/14 13:40*	*04/02/14 00:17*	*1*
13C-1,2,3,4,7,8,9-HpCDF	*65*		*40 - 135*	*03/24/14 13:40*	*04/02/14 00:17*	*1*
13C-OCDF	*63*		*40 - 135*	*03/24/14 13:40*	*04/02/14 00:17*	*1*

Client Sample ID: SB-26 (0-0.5)
Date Collected: 02/25/14 11:21
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46968-19
Matrix: Solid
Percent Solids: 82

Method: 8290 - Dioxins/Furans, HRGC/HRMS (8290)

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	D	Prepared	Analyzed	Dil Fac
2,3,7,8-TCDD	0.000000090	J I	0.0000012	000000080	1	).00000009	mg/kg	☼	03/24/14 13:40	04/02/14 01:17	1
1,2,3,7,8-PeCDD	0.00000044	J V I	0.0000059	000000050	1	).00000044	mg/kg	☼	03/24/14 13:40	04/02/14 01:17	1
1,2,3,4,7,8-HxCDD	0.00000029	J I	0.0000059	000000040	0.1	).00000003	mg/kg	☼	03/24/14 13:40	04/02/14 01:17	1
1,2,3,6,7,8-HxCDD	0.0000011	J I	0.0000059	000000040	0.1	).00000011	mg/kg	☼	03/24/14 13:40	04/02/14 01:17	1
1,2,3,7,8,9-HxCDD	0.0000013	C V I	0.0000059	000000040	0.1	).00000013	mg/kg	☼	03/24/14 13:40	04/02/14 01:17	1
1,2,3,4,6,7,8-HpCDD	0.000020	V	0.0000059	000000040	0.01	).00000020	mg/kg	☼	03/24/14 13:40	04/02/14 01:17	1
OCDD	0.00020	V	0.000012	).00000010	0.0003	).00000006	mg/kg	☼	03/24/14 13:40	04/02/14 01:17	1
2,3,7,8-TCDF	0.00000071	J I	0.0000012	).00000014	0.1	).00000007	mg/kg	☼	03/24/14 13:40	04/02/14 16:42	1
1,2,3,7,8-PeCDF	0.00000033	I	0.0000059	000000050	0.03	).00000001	mg/kg	☼	03/24/14 13:40	04/02/14 01:17	1
2,3,4,7,8-PeCDF	0.00000049	V I	0.0000059	000000050	0.3	).00000015	mg/kg	☼	03/24/14 13:40	04/02/14 01:17	1
1,2,3,4,7,8-HxCDF	0.0000010	C V I	0.0000059	000000020	0.1	).00000010	mg/kg	☼	03/24/14 13:40	04/02/14 01:17	1
1,2,3,6,7,8-HxCDF	0.0000012	J V I	0.0000059	000000020	0.1	).00000012	mg/kg	☼	03/24/14 13:40	04/02/14 01:17	1
2,3,4,6,7,8-HxCDF	0.00000063	V I	0.0000059	000000020	0.1	).00000006	mg/kg	☼	03/24/14 13:40	04/02/14 01:17	1
1,2,3,7,8,9-HxCDF	0.000000030	U	0.0000059	000000030	0.1	).00000000	mg/kg	☼	03/24/14 13:40	04/02/14 01:17	1
1,2,3,4,6,7,8-HpCDF	0.0000058	V I	0.0000059	000000020	0.01	).00000006	mg/kg	☼	03/24/14 13:40	04/02/14 01:17	1
1,2,3,4,7,8,9-HpCDF	0.00000035	V I	0.0000059	000000040	0.01	).00000000	mg/kg	☼	03/24/14 13:40	04/02/14 01:17	1
OCDF	0.0000094	V I	0.000012	000000020	0.0003	).00000000	mg/kg	☼	03/24/14 13:40	04/02/14 01:17	1
Total TEQ (WHO 2005)						**0.0000016**					

Internal Standard	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C-2,3,7,8-TCDD	*62*		*40 - 135*	*03/24/14 13:40*	*04/02/14 01:17*	*1*
13C-1,2,3,7,8-PeCDD	*75*		*40 - 135*	*03/24/14 13:40*	*04/02/14 01:17*	*1*
13C-1,2,3,4,7,8-HxCDD	*70*		*40 - 135*	*03/24/14 13:40*	*04/02/14 01:17*	*1*
13C-1,2,3,6,7,8-HxCDD	*70*		*40 - 135*	*03/24/14 13:40*	*04/02/14 01:17*	*1*
13C-1,2,3,4,6,7,8-HpCDD	*82*		*40 - 135*	*03/24/14 13:40*	*04/02/14 01:17*	*1*
13C-OCDD	*87*		*40 - 135*	*03/24/14 13:40*	*04/02/14 01:17*	*1*
13C-2,3,7,8-TCDF	*71*		*40 - 135*	*03/24/14 13:40*	*04/02/14 16:42*	*1*
13C-1,2,3,7,8-PeCDF	*69*		*40 - 135*	*03/24/14 13:40*	*04/02/14 01:17*	*1*
13C-2,3,4,7,8-PeCDF	*68*		*40 - 135*	*03/24/14 13:40*	*04/02/14 01:17*	*1*
13C-1,2,3,4,7,8-HxCDF	*62*		*40 - 135*	*03/24/14 13:40*	*04/02/14 01:17*	*1*
13C-1,2,3,6,7,8-HxCDF	*60*		*40 - 135*	*03/24/14 13:40*	*04/02/14 01:17*	*1*
13C-2,3,4,6,7,8-HxCDF	*68*		*40 - 135*	*03/24/14 13:40*	*04/02/14 01:17*	*1*
13C-1,2,3,7,8,9-HxCDF	*65*		*40 - 135*	*03/24/14 13:40*	*04/02/14 01:17*	*1*
13C-1,2,3,4,6,7,8-HpCDF	*65*		*40 - 135*	*03/24/14 13:40*	*04/02/14 01:17*	*1*
13C-1,2,3,4,7,8,9-HpCDF	*67*		*40 - 135*	*03/24/14 13:40*	*04/02/14 01:17*	*1*
13C-OCDF	*65*		*40 - 135*	*03/24/14 13:40*	*04/02/14 01:17*	*1*

Client Sample ID: SB-26 (1-2)
Date Collected: 02/25/14 11:25
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46968-21
Matrix: Solid
Percent Solids: 77

Method: 8290 - Dioxins/Furans, HRGC/HRMS (8290)

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	D	Prepared	Analyzed	Dil Fac
2,3,7,8-TCDD	0.0000016	J	0.0000013	0.00000014	1	0.0000016	mg/kg	☼	03/24/14 13:40	04/02/14 02:19	1
1,2,3,7,8-PeCDD	0.0000051	V I	0.0000064	0.00000010	1	0.0000051	mg/kg	☼	03/24/14 13:40	04/02/14 02:19	1
1,2,3,4,7,8-HxCDD	0.0000021	I	0.0000064	0.00000040	0.1	0.00000021	mg/kg	☼	03/24/14 13:40	04/02/14 02:19	1
1,2,3,6,7,8-HxCDD	0.000016		0.0000064	0.00000050	0.1	0.0000016	mg/kg	☼	03/24/14 13:40	04/02/14 02:19	1
1,2,3,7,8,9-HxCDD	0.000011	C V	0.0000064	0.00000040	0.1	0.0000011	mg/kg	☼	03/24/14 13:40	04/02/14 02:19	1
1,2,3,4,6,7,8-HpCDD	0.00013	V	0.0000064	0.00000080	0.01	0.0000013	mg/kg	☼	03/24/14 13:40	04/02/14 02:19	1
OCDD	0.0010	V	0.000013	0.00000010	0.0003	0.00000030	mg/kg	☼	03/24/14 13:40	04/02/14 02:19	1
2,3,7,8-TCDF	0.0000080		0.0000013	0.00000028	0.1	0.00000080	mg/kg	☼	03/24/14 13:40	04/02/14 17:13	1
1,2,3,7,8-PeCDF	0.0000044	J I	0.0000064	0.00000018	0.03	0.00000013	mg/kg	☼	03/24/14 13:40	04/02/14 02:19	1
2,3,4,7,8-PeCDF	0.0000079	V	0.0000064	0.00000018	0.3	0.0000024	mg/kg	☼	03/24/14 13:40	04/02/14 02:19	1
1,2,3,4,7,8-HxCDF	0.000013	J V	0.0000064	0.00000080	0.1	0.0000013	mg/kg	☼	03/24/14 13:40	04/02/14 02:19	1
1,2,3,6,7,8-HxCDF	0.000022	J V	0.0000064	0.00000070	0.1	0.0000022	mg/kg	☼	03/24/14 13:40	04/02/14 02:19	1
2,3,4,6,7,8-HxCDF	0.0000070	J V	0.0000064	0.00000070	0.1	0.00000070	mg/kg	☼	03/24/14 13:40	04/02/14 02:19	1
1,2,3,7,8,9-HxCDF	0.00000044	J V I	0.0000064	0.00000080	0.1	0.00000004	mg/kg	☼	03/24/14 13:40	04/02/14 02:19	1
1,2,3,4,6,7,8-HpCDF	0.00021	V	0.0000064	0.00000040	0.01	0.0000021	mg/kg	☼	03/24/14 13:40	04/02/14 02:19	1
1,2,3,4,7,8,9-HpCDF	0.0000034	V I	0.0000064	0.00000070	0.01	0.00000003	mg/kg	☼	03/24/14 13:40	04/02/14 02:19	1
OCDF	0.000081	V J	0.000013	0.00000040	0.0003	0.00000002	mg/kg	☼	03/24/14 13:40	04/02/14 02:19	1
Total TEQ (WHO 2005)						**0.000021**					

Internal Standard	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C-2,3,7,8-TCDD	*56*		*40 - 135*	*03/24/14 13:40*	*04/02/14 02:19*	*1*
13C-1,2,3,7,8-PeCDD	*63*		*40 - 135*	*03/24/14 13:40*	*04/02/14 02:19*	*1*
13C-1,2,3,4,7,8-HxCDD	*60*		*40 - 135*	*03/24/14 13:40*	*04/02/14 02:19*	*1*
13C-1,2,3,6,7,8-HxCDD	*60*		*40 - 135*	*03/24/14 13:40*	*04/02/14 02:19*	*1*
13C-1,2,3,4,6,7,8-HpCDD	*68*		*40 - 135*	*03/24/14 13:40*	*04/02/14 02:19*	*1*
13C-OCDD	*67*		*40 - 135*	*03/24/14 13:40*	*04/02/14 02:19*	*1*
13C-2,3,7,8-TCDF	*62*		*40 - 135*	*03/24/14 13:40*	*04/02/14 17:13*	*1*
13C-1,2,3,7,8-PeCDF	*57*		*40 - 135*	*03/24/14 13:40*	*04/02/14 02:19*	*1*
13C-2,3,4,7,8-PeCDF	*54*		*40 - 135*	*03/24/14 13:40*	*04/02/14 02:19*	*1*
13C-1,2,3,4,7,8-HxCDF	*54*		*40 - 135*	*03/24/14 13:40*	*04/02/14 02:19*	*1*
13C-1,2,3,6,7,8-HxCDF	*53*		*40 - 135*	*03/24/14 13:40*	*04/02/14 02:19*	*1*
13C-2,3,4,6,7,8-HxCDF	*58*		*40 - 135*	*03/24/14 13:40*	*04/02/14 02:19*	*1*
13C-1,2,3,7,8,9-HxCDF	*59*		*40 - 135*	*03/24/14 13:40*	*04/02/14 02:19*	*1*
13C-1,2,3,4,6,7,8-HpCDF	*60*		*40 - 135*	*03/24/14 13:40*	*04/02/14 02:19*	*1*
13C-1,2,3,4,7,8,9-HpCDF	*57*		*40 - 135*	*03/24/14 13:40*	*04/02/14 02:19*	*1*
13C-OCDF	*50*		*40 - 135*	*03/24/14 13:40*	*04/02/14 02:19*	*1*

Client Sample ID: SB-28 (0-0.5)
Date Collected: 02/25/14 10:36
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46973-4
Matrix: Solid
Percent Solids: 70

Method: 8290 - Dioxins/Furans, HRGC/HRMS (8290)

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	D	Prepared	Analyzed	Dil Fac
2,3,7,8-TCDD	0.0000010	J I	0.0000014	0.00000014	1	0.0000010	mg/kg	☼	03/24/14 13:40	04/01/14 06:30	1
1,2,3,7,8-PeCDD	0.00000059	V I	0.0000070	0.00000060	1	0.00000059	mg/kg	☼	03/24/14 13:40	04/01/14 06:30	1
1,2,3,4,7,8-HxCDD	0.00000025	I	0.0000070	0.00000080	0.1	0.00000003	mg/kg	☼	03/24/14 13:40	04/01/14 06:30	1
1,2,3,6,7,8-HxCDD	0.00000078	I	0.0000070	0.00000080	0.1	0.00000008	mg/kg	☼	03/24/14 13:40	04/01/14 06:30	1
1,2,3,7,8,9-HxCDD	0.00000070	V I	0.0000070	0.00000070	0.1	0.00000007	mg/kg	☼	03/24/14 13:40	04/01/14 06:30	1
1,2,3,4,6,7,8-HpCDD	0.000017	V	0.0000070	0.00000040	0.01	0.00000017	mg/kg	☼	03/24/14 13:40	04/01/14 06:30	1
OCDD	0.00012	V	0.000014	0.00000010	0.0003	0.00000004	mg/kg	☼	03/24/14 13:40	04/01/14 06:30	1
2,3,7,8-TCDF	0.00000013	J I	0.0000014	0.00000070	0.1	0.00000001	mg/kg	☼	03/24/14 13:40	04/01/14 06:30	1
1,2,3,7,8-PeCDF	0.00000011	J I	0.0000070	0.00000080	0.03	0.00000000	mg/kg	☼	03/24/14 13:40	04/01/14 06:30	1
2,3,4,7,8-PeCDF	0.00000020	J V I	0.0000070	0.00000080	0.3	0.00000006	mg/kg	☼	03/24/14 13:40	04/01/14 06:30	1
1,2,3,4,7,8-HxCDF	0.00000042	J V I	0.0000070	0.00000040	0.1	0.00000004	mg/kg	☼	03/24/14 13:40	04/01/14 06:30	1
1,2,3,6,7,8-HxCDF	0.00000070	J V I	0.0000070	0.00000030	0.1	0.00000007	mg/kg	☼	03/24/14 13:40	04/01/14 06:30	1
2,3,4,6,7,8-HxCDF	0.000000090	J V I	0.0000070	0.00000030	0.1	0.00000001	mg/kg	☼	03/24/14 13:40	04/01/14 06:30	1
1,2,3,7,8,9-HxCDF	0.000000040	U	0.0000070	0.00000040	0.1	0.00000000	mg/kg	☼	03/24/14 13:40	04/01/14 06:30	1
1,2,3,4,6,7,8-HpCDF	0.0000048	V I	0.0000070	0.00000040	0.01	0.00000005	mg/kg	☼	03/24/14 13:40	04/01/14 06:30	1
1,2,3,4,7,8,9-HpCDF	0.00000017	J V I	0.0000070	0.00000060	0.01	0.00000000	mg/kg	☼	03/24/14 13:40	04/01/14 06:30	1
OCDF	0.000022	J V	0.000014	0.00000040	0.0003	0.00000001	mg/kg	☼	03/24/14 13:40	04/01/14 06:30	1
Total TEQ (WHO 2005)						**0.0000022**					

Internal Standard	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C-2,3,7,8-TCDD	*72*		*40 - 135*	*03/24/14 13:40*	*04/01/14 06:30*	*1*
13C-1,2,3,7,8-PeCDD	*77*		*40 - 135*	*03/24/14 13:40*	*04/01/14 06:30*	*1*
13C-1,2,3,4,7,8-HxCDD	*61*		*40 - 135*	*03/24/14 13:40*	*04/01/14 06:30*	*1*
13C-1,2,3,6,7,8-HxCDD	*68*		*40 - 135*	*03/24/14 13:40*	*04/01/14 06:30*	*1*
13C-1,2,3,4,6,7,8-HpCDD	*77*		*40 - 135*	*03/24/14 13:40*	*04/01/14 06:30*	*1*
13C-OCDD	*72*		*40 - 135*	*03/24/14 13:40*	*04/01/14 06:30*	*1*
13C-2,3,7,8-TCDF	*70*		*40 - 135*	*03/24/14 13:40*	*04/01/14 06:30*	*1*
13C-1,2,3,7,8-PeCDF	*74*		*40 - 135*	*03/24/14 13:40*	*04/01/14 06:30*	*1*
13C-2,3,4,7,8-PeCDF	*67*		*40 - 135*	*03/24/14 13:40*	*04/01/14 06:30*	*1*
13C-1,2,3,4,7,8-HxCDF	*63*		*40 - 135*	*03/24/14 13:40*	*04/01/14 06:30*	*1*
13C-1,2,3,6,7,8-HxCDF	*67*		*40 - 135*	*03/24/14 13:40*	*04/01/14 06:30*	*1*
13C-2,3,4,6,7,8-HxCDF	*69*		*40 - 135*	*03/24/14 13:40*	*04/01/14 06:30*	*1*
13C-1,2,3,7,8,9-HxCDF	*67*		*40 - 135*	*03/24/14 13:40*	*04/01/14 06:30*	*1*
13C-1,2,3,4,6,7,8-HpCDF	*69*		*40 - 135*	*03/24/14 13:40*	*04/01/14 06:30*	*1*
13C-1,2,3,4,7,8,9-HpCDF	*70*		*40 - 135*	*03/24/14 13:40*	*04/01/14 06:30*	*1*
13C-OCDF	*65*		*40 - 135*	*03/24/14 13:40*	*04/01/14 06:30*	*1*

Client Sample ID: SB-28 (0.5-2)
Date Collected: 02/25/14 10:38
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46973-5
Matrix: Solid
Percent Solids: 79

Method: 8290 - Dioxins/Furans, HRGC/HRMS (8290)

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	D	Prepared	Analyzed	Dil Fac
2,3,7,8-TCDD	0.00000068	J I	0.0000012	0.00000012	1	0.00000068	mg/kg	☼	03/24/14 13:40	04/01/14 14:12	1
1,2,3,7,8-PeCDD	0.0000016	V I	0.0000062	0.000000060	1	0.0000016	mg/kg	☼	03/24/14 13:40	04/01/14 14:12	1
1,2,3,4,7,8-HxCDD	0.00000088	I	0.0000062	0.000000030	0.1	0.00000009	mg/kg	☼	03/24/14 13:40	04/01/14 14:12	1
1,2,3,6,7,8-HxCDD	0.0000038	I	0.0000062	0.000000030	0.1	0.00000038	mg/kg	☼	03/24/14 13:40	04/01/14 14:12	1
1,2,3,7,8,9-HxCDD	0.0000039	C V I	0.0000062	0.000000030	0.1	0.00000039	mg/kg	☼	03/24/14 13:40	04/01/14 14:12	1
1,2,3,4,6,7,8-HpCDD	0.000053	V	0.0000062	0.000000050	0.01	0.00000053	mg/kg	☼	03/24/14 13:40	04/01/14 14:12	1
OCDD	0.00029	V	0.000012	0.000000060	0.0003	0.00000009	mg/kg	☼	03/24/14 13:40	04/01/14 14:12	1
2,3,7,8-TCDF	0.0000035		0.0000012	0.00000032	0.1	0.00000035	mg/kg	☼	03/24/14 13:40	04/02/14 13:02	1
1,2,3,7,8-PeCDF	0.0000015	I	0.0000062	0.00000010	0.03	0.00000005	mg/kg	☼	03/24/14 13:40	04/01/14 14:12	1
2,3,4,7,8-PeCDF	0.0000021	J V I	0.0000062	0.000000090	0.3	0.00000063	mg/kg	☼	03/24/14 13:40	04/01/14 14:12	1
1,2,3,4,7,8-HxCDF	0.0000023	C V I	0.0000062	0.000000030	0.1	0.00000023	mg/kg	☼	03/24/14 13:40	04/01/14 14:12	1
1,2,3,6,7,8-HxCDF	0.0000025	J V I	0.0000062	0.000000030	0.1	0.00000025	mg/kg	☼	03/24/14 13:40	04/01/14 14:12	1
2,3,4,6,7,8-HxCDF	0.0000011	J V I	0.0000062	0.000000030	0.1	0.00000011	mg/kg	☼	03/24/14 13:40	04/01/14 14:12	1
1,2,3,7,8,9-HxCDF	0.000000070	J V I	0.0000062	0.000000030	0.1	0.00000001	mg/kg	☼	03/24/14 13:40	04/01/14 14:12	1
1,2,3,4,6,7,8-HpCDF	0.000011	V	0.0000062	0.000000020	0.01	0.00000011	mg/kg	☼	03/24/14 13:40	04/01/14 14:12	1
1,2,3,4,7,8,9-HpCDF	0.00000061	V I	0.0000062	0.000000030	0.01	0.00000001	mg/kg	☼	03/24/14 13:40	04/01/14 14:12	1
OCDF	0.000012	V	0.000012	0.000000020	0.0003	0.00000000	mg/kg	☼	03/24/14 13:40	04/01/14 14:12	1
Total TEQ (WHO 2005)						**0.0000055**					

Internal Standard	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C-2,3,7,8-TCDD	*63*		*40 - 135*	*03/24/14 13:40*	*04/01/14 14:12*	*1*
13C-1,2,3,7,8-PeCDD	*68*		*40 - 135*	*03/24/14 13:40*	*04/01/14 14:12*	*1*
13C-1,2,3,4,7,8-HxCDD	*68*		*40 - 135*	*03/24/14 13:40*	*04/01/14 14:12*	*1*
13C-1,2,3,6,7,8-HxCDD	*66*		*40 - 135*	*03/24/14 13:40*	*04/01/14 14:12*	*1*
13C-1,2,3,4,6,7,8-HpCDD	*77*		*40 - 135*	*03/24/14 13:40*	*04/01/14 14:12*	*1*
13C-OCDD	*79*		*40 - 135*	*03/24/14 13:40*	*04/01/14 14:12*	*1*
13C-2,3,7,8-TCDF	*69*		*40 - 135*	*03/24/14 13:40*	*04/02/14 13:02*	*1*
13C-1,2,3,7,8-PeCDF	*64*		*40 - 135*	*03/24/14 13:40*	*04/01/14 14:12*	*1*
13C-2,3,4,7,8-PeCDF	*63*		*40 - 135*	*03/24/14 13:40*	*04/01/14 14:12*	*1*
13C-1,2,3,4,7,8-HxCDF	*58*		*40 - 135*	*03/24/14 13:40*	*04/01/14 14:12*	*1*
13C-1,2,3,6,7,8-HxCDF	*56*		*40 - 135*	*03/24/14 13:40*	*04/01/14 14:12*	*1*
13C-2,3,4,6,7,8-HxCDF	*65*		*40 - 135*	*03/24/14 13:40*	*04/01/14 14:12*	*1*
13C-1,2,3,7,8,9-HxCDF	*65*		*40 - 135*	*03/24/14 13:40*	*04/01/14 14:12*	*1*
13C-1,2,3,4,6,7,8-HpCDF	*64*		*40 - 135*	*03/24/14 13:40*	*04/01/14 14:12*	*1*
13C-1,2,3,4,7,8,9-HpCDF	*69*		*40 - 135*	*03/24/14 13:40*	*04/01/14 14:12*	*1*
13C-OCDF	*61*		*40 - 135*	*03/24/14 13:40*	*04/01/14 14:12*	*1*

Client Sample ID: SB-31 (0-1)
Date Collected: 02/25/14 11:02
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46973-10
Matrix: Solid
Percent Solids: 87

Method: 8290 - Dioxins/Furans, HRGC/HRMS (8290)

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	D	Prepared	Analyzed	Dil Fac
2,3,7,8-TCDD	0.0000011	J I	0.0000011	000000070	1	0.0000011	mg/kg	☼	03/24/14 13:40	04/01/14 15:14	1
1,2,3,7,8-PeCDD	0.00000080	J V I	0.0000056	000000040	1	0.00000080	mg/kg	☼	03/24/14 13:40	04/01/14 15:14	1
1,2,3,4,7,8-HxCDD	0.00000094	I	0.0000056	000000040	0.1	0.00000009	mg/kg	☼	03/24/14 13:40	04/01/14 15:14	1
1,2,3,6,7,8-HxCDD	0.0000030	I	0.0000056	000000040	0.1	0.00000030	mg/kg	☼	03/24/14 13:40	04/01/14 15:14	1
1,2,3,7,8,9-HxCDD	0.0000028	C V I	0.0000056	000000040	0.1	0.00000028	mg/kg	☼	03/24/14 13:40	04/01/14 15:14	1
1,2,3,4,6,7,8-HpCDD	0.000050	V	0.0000056	000000030	0.01	0.00000050	mg/kg	☼	03/24/14 13:40	04/01/14 15:14	1
OCDD	0.00054	V	0.000011	000000040	0.0003	0.00000016	mg/kg	☼	03/24/14 13:40	04/01/14 15:14	1
2,3,7,8-TCDF	0.0000015		0.0000011	0.00000016	0.1	0.00000015	mg/kg	☼	03/24/14 13:40	04/02/14 13:34	1
1,2,3,7,8-PeCDF	0.00000064	J I	0.0000056	000000060	0.03	0.00000002	mg/kg	☼	03/24/14 13:40	04/01/14 15:14	1
2,3,4,7,8-PeCDF	0.0000015	V I	0.0000056	000000050	0.3	0.00000045	mg/kg	☼	03/24/14 13:40	04/01/14 15:14	1
1,2,3,4,7,8-HxCDF	0.0000023	C V I	0.0000056	000000020	0.1	0.00000023	mg/kg	☼	03/24/14 13:40	04/01/14 15:14	1
1,2,3,6,7,8-HxCDF	0.0000027	J V I	0.0000056	000000020	0.1	0.00000027	mg/kg	☼	03/24/14 13:40	04/01/14 15:14	1
2,3,4,6,7,8-HxCDF	0.0000020	V I	0.0000056	000000020	0.1	0.00000020	mg/kg	☼	03/24/14 13:40	04/01/14 15:14	1
1,2,3,7,8,9-HxCDF	0.00000014	V I	0.0000056	000000030	0.1	0.00000001	mg/kg	☼	03/24/14 13:40	04/01/14 15:14	1
1,2,3,4,6,7,8-HpCDF	0.000012	V	0.0000056	000000020	0.01	0.00000012	mg/kg	☼	03/24/14 13:40	04/01/14 15:14	1
1,2,3,4,7,8,9-HpCDF	0.00000081	V I	0.0000056	000000030	0.01	0.00000001	mg/kg	☼	03/24/14 13:40	04/01/14 15:14	1
OCDF	0.000018	J V	0.000011	000000010	0.0003	0.00000001	mg/kg	☼	03/24/14 13:40	04/01/14 15:14	1
Total TEQ (WHO 2005)						**0.0000047**					

Internal Standard	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C-2,3,7,8-TCDD	*67*		*40 - 135*	*03/24/14 13:40*	*04/01/14 15:14*	*1*
13C-1,2,3,7,8-PeCDD	*81*		*40 - 135*	*03/24/14 13:40*	*04/01/14 15:14*	*1*
13C-1,2,3,4,7,8-HxCDD	*68*		*40 - 135*	*03/24/14 13:40*	*04/01/14 15:14*	*1*
13C-1,2,3,6,7,8-HxCDD	*62*		*40 - 135*	*03/24/14 13:40*	*04/01/14 15:14*	*1*
13C-1,2,3,4,6,7,8-HpCDD	*79*		*40 - 135*	*03/24/14 13:40*	*04/01/14 15:14*	*1*
13C-OCDD	*88*		*40 - 135*	*03/24/14 13:40*	*04/01/14 15:14*	*1*
13C-2,3,7,8-TCDF	*68*		*40 - 135*	*03/24/14 13:40*	*04/02/14 13:34*	*1*
13C-1,2,3,7,8-PeCDF	*64*		*40 - 135*	*03/24/14 13:40*	*04/01/14 15:14*	*1*
13C-2,3,4,7,8-PeCDF	*66*		*40 - 135*	*03/24/14 13:40*	*04/01/14 15:14*	*1*
13C-1,2,3,4,7,8-HxCDF	*62*		*40 - 135*	*03/24/14 13:40*	*04/01/14 15:14*	*1*
13C-1,2,3,6,7,8-HxCDF	*60*		*40 - 135*	*03/24/14 13:40*	*04/01/14 15:14*	*1*
13C-2,3,4,6,7,8-HxCDF	*63*		*40 - 135*	*03/24/14 13:40*	*04/01/14 15:14*	*1*
13C-1,2,3,7,8,9-HxCDF	*61*		*40 - 135*	*03/24/14 13:40*	*04/01/14 15:14*	*1*
13C-1,2,3,4,6,7,8-HpCDF	*69*		*40 - 135*	*03/24/14 13:40*	*04/01/14 15:14*	*1*
13C-1,2,3,4,7,8,9-HpCDF	*66*		*40 - 135*	*03/24/14 13:40*	*04/01/14 15:14*	*1*
13C-OCDF	*70*		*40 - 135*	*03/24/14 13:40*	*04/01/14 15:14*	*1*

Client Sample ID: SB-31 (1-2)
Date Collected: 02/25/14 11:04
Date Received: 02/26/14 08:40

Lab Sample ID: 640-46973-11
Matrix: Solid
Percent Solids: 86

Method: 8290 - Dioxins/Furans, HRGC/HRMS (8290)

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	D	Prepared	Analyzed	Dil Fac
2,3,7,8-TCDD	0.0000012	J	0.0000011	0.00000011	1	0.0000012	mg/kg	☼	03/24/14 13:40	04/01/14 16:16	1
1,2,3,7,8-PeCDD	0.0000014	J V I	0.0000057	0.00000080	1	0.0000014	mg/kg	☼	03/24/14 13:40	04/01/14 16:16	1
1,2,3,4,7,8-HxCDD	0.0000013	I	0.0000057	0.00000040	0.1	0.00000013	mg/kg	☼	03/24/14 13:40	04/01/14 16:16	1
1,2,3,6,7,8-HxCDD	0.0000030	I	0.0000057	0.00000040	0.1	0.00000030	mg/kg	☼	03/24/14 13:40	04/01/14 16:16	1
1,2,3,7,8,9-HxCDD	0.0000034	C V I	0.0000057	0.00000030	0.1	0.00000034	mg/kg	☼	03/24/14 13:40	04/01/14 16:16	1
1,2,3,4,6,7,8-HpCDD	0.000036	V	0.0000057	0.00000050	0.01	0.00000036	mg/kg	☼	03/24/14 13:40	04/01/14 16:16	1
OCDD	0.00033	V	0.000011	0.00000070	0.0003	0.00000010	mg/kg	☼	03/24/14 13:40	04/01/14 16:16	1
2,3,7,8-TCDF	0.0000072	C	0.0000011	0.00000021	0.1	0.00000072	mg/kg	☼	03/24/14 13:40	04/01/14 16:16	1
1,2,3,7,8-PeCDF	0.0000036	I	0.0000057	0.00000080	0.03	0.00000011	mg/kg	☼	03/24/14 13:40	04/01/14 16:16	1
2,3,4,7,8-PeCDF	0.0000059	V	0.0000057	0.00000070	0.3	0.0000018	mg/kg	☼	03/24/14 13:40	04/01/14 16:16	1
1,2,3,4,7,8-HxCDF	0.0000062	C V	0.0000057	0.00000030	0.1	0.00000062	mg/kg	☼	03/24/14 13:40	04/01/14 16:16	1
1,2,3,6,7,8-HxCDF	0.0000044	J V I	0.0000057	0.00000030	0.1	0.00000044	mg/kg	☼	03/24/14 13:40	04/01/14 16:16	1
2,3,4,6,7,8-HxCDF	0.0000043	V I	0.0000057	0.00000030	0.1	0.00000043	mg/kg	☼	03/24/14 13:40	04/01/14 16:16	1
1,2,3,7,8,9-HxCDF	0.00000022	J V I	0.0000057	0.00000030	0.1	0.00000002	mg/kg	☼	03/24/14 13:40	04/01/14 16:16	1
1,2,3,4,6,7,8-HpCDF	0.000013	V	0.0000057	0.00000020	0.01	0.00000013	mg/kg	☼	03/24/14 13:40	04/01/14 16:16	1
1,2,3,4,7,8,9-HpCDF	0.00000096	V I	0.0000057	0.00000040	0.01	0.00000001	mg/kg	☼	03/24/14 13:40	04/01/14 16:16	1
OCDF	0.000012	J V	0.000011	0.00000050	0.0003	0.00000000	mg/kg	☼	03/24/14 13:40	04/01/14 16:16	1
Total TEQ (WHO 2005)						**0.0000081**					

Internal Standard	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C-2,3,7,8-TCDD	*63*		*40 - 135*	*03/24/14 13:40*	*04/01/14 16:16*	*1*
13C-1,2,3,7,8-PeCDD	*84*		*40 - 135*	*03/24/14 13:40*	*04/01/14 16:16*	*1*
13C-1,2,3,4,7,8-HxCDD	*66*		*40 - 135*	*03/24/14 13:40*	*04/01/14 16:16*	*1*
13C-1,2,3,6,7,8-HxCDD	*62*		*40 - 135*	*03/24/14 13:40*	*04/01/14 16:16*	*1*
13C-1,2,3,4,6,7,8-HpCDD	*72*		*40 - 135*	*03/24/14 13:40*	*04/01/14 16:16*	*1*
13C-OCDD	*76*		*40 - 135*	*03/24/14 13:40*	*04/01/14 16:16*	*1*
13C-2,3,7,8-TCDF	*65*		*40 - 135*	*03/24/14 13:40*	*04/01/14 16:16*	*1*
13C-1,2,3,7,8-PeCDF	*72*		*40 - 135*	*03/24/14 13:40*	*04/01/14 16:16*	*1*
13C-2,3,4,7,8-PeCDF	*74*		*40 - 135*	*03/24/14 13:40*	*04/01/14 16:16*	*1*
13C-1,2,3,4,7,8-HxCDF	*61*		*40 - 135*	*03/24/14 13:40*	*04/01/14 16:16*	*1*
13C-1,2,3,6,7,8-HxCDF	*58*		*40 - 135*	*03/24/14 13:40*	*04/01/14 16:16*	*1*
13C-2,3,4,6,7,8-HxCDF	*62*		*40 - 135*	*03/24/14 13:40*	*04/01/14 16:16*	*1*
13C-1,2,3,7,8,9-HxCDF	*62*		*40 - 135*	*03/24/14 13:40*	*04/01/14 16:16*	*1*
13C-1,2,3,4,6,7,8-HpCDF	*65*		*40 - 135*	*03/24/14 13:40*	*04/01/14 16:16*	*1*
13C-1,2,3,4,7,8,9-HpCDF	*58*		*40 - 135*	*03/24/14 13:40*	*04/01/14 16:16*	*1*
13C-OCDF	*50*		*40 - 135*	*03/24/14 13:40*	*04/01/14 16:16*	*1*

Client Sample ID: SB-72 (0-0.5)
Date Collected: 02/26/14 10:18
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47002-1
Matrix: Solid
Percent Solids: 83

Method: 8290 - Dioxins/Furans, HRGC/HRMS (8290)

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	D	Prepared	Analyzed	Dil Fac
2,3,7,8-TCDD	0.00000083	J I	0.0000012	0.00000012	1	0.00000083	mg/kg	☼	03/24/14 13:40	04/02/14 03:20	1
1,2,3,7,8-PeCDD	0.0000023	J V I	0.0000060	0.000000070	1	0.0000023	mg/kg	☼	03/24/14 13:40	04/02/14 03:20	1
1,2,3,4,7,8-HxCDD	0.0000022	I	0.0000060	0.000000050	0.1	0.00000022	mg/kg	☼	03/24/14 13:40	04/02/14 03:20	1
1,2,3,6,7,8-HxCDD	0.000011		0.0000060	0.000000050	0.1	0.0000011	mg/kg	☼	03/24/14 13:40	04/02/14 03:20	1
1,2,3,7,8,9-HxCDD	0.0000082	C V	0.0000060	0.000000050	0.1	0.00000082	mg/kg	☼	03/24/14 13:40	04/02/14 03:20	1
1,2,3,4,6,7,8-HpCDD	0.00015	V	0.0000060	0.000000070	0.01	0.0000015	mg/kg	☼	03/24/14 13:40	04/02/14 03:20	1
OCDD	0.0014	V	0.000012	0.00000010	0.0003	0.00000042	mg/kg	☼	03/24/14 13:40	04/02/14 03:20	1
2,3,7,8-TCDF	0.0000082		0.0000012	0.00000030	0.1	0.00000082	mg/kg	☼	03/24/14 13:40	04/02/14 17:44	1
1,2,3,7,8-PeCDF	0.0000038	I	0.0000060	0.00000011	0.03	0.00000011	mg/kg	☼	03/24/14 13:40	04/02/14 03:20	1
2,3,4,7,8-PeCDF	0.0000059	V I	0.0000060	0.00000010	0.3	0.0000018	mg/kg	☼	03/24/14 13:40	04/02/14 03:20	1
1,2,3,4,7,8-HxCDF	0.0000087	C V	0.0000060	0.000000030	0.1	0.00000087	mg/kg	☼	03/24/14 13:40	04/02/14 03:20	1
1,2,3,6,7,8-HxCDF	0.000014	J V	0.0000060	0.000000030	0.1	0.0000014	mg/kg	☼	03/24/14 13:40	04/02/14 03:20	1
2,3,4,6,7,8-HxCDF	0.0000041	V I	0.0000060	0.000000030	0.1	0.00000041	mg/kg	☼	03/24/14 13:40	04/02/14 03:20	1
1,2,3,7,8,9-HxCDF	0.00000028	V I	0.0000060	0.000000030	0.1	0.00000003	mg/kg	☼	03/24/14 13:40	04/02/14 03:20	1
1,2,3,4,6,7,8-HpCDF	0.000048	V	0.0000060	0.000000020	0.01	0.00000048	mg/kg	☼	03/24/14 13:40	04/02/14 03:20	1
1,2,3,4,7,8,9-HpCDF	0.0000021	V I	0.0000060	0.000000030	0.01	0.00000002	mg/kg	☼	03/24/14 13:40	04/02/14 03:20	1
OCDF	0.000062	V	0.000012	0.000000030	0.0003	0.00000002	mg/kg	☼	03/24/14 13:40	04/02/14 03:20	1
Total TEQ (WHO 2005)						**0.000013**					

Internal Standard	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C-2,3,7,8-TCDD	*65*		*40 - 135*	*03/24/14 13:40*	*04/02/14 03:20*	*1*
13C-1,2,3,7,8-PeCDD	*77*		*40 - 135*	*03/24/14 13:40*	*04/02/14 03:20*	*1*
13C-1,2,3,4,7,8-HxCDD	*69*		*40 - 135*	*03/24/14 13:40*	*04/02/14 03:20*	*1*
13C-1,2,3,6,7,8-HxCDD	*67*		*40 - 135*	*03/24/14 13:40*	*04/02/14 03:20*	*1*
13C-1,2,3,4,6,7,8-HpCDD	*80*		*40 - 135*	*03/24/14 13:40*	*04/02/14 03:20*	*1*
13C-OCDD	*75*		*40 - 135*	*03/24/14 13:40*	*04/02/14 03:20*	*1*
13C-2,3,7,8-TCDF	*72*		*40 - 135*	*03/24/14 13:40*	*04/02/14 17:44*	*1*
13C-1,2,3,7,8-PeCDF	*66*		*40 - 135*	*03/24/14 13:40*	*04/02/14 03:20*	*1*
13C-2,3,4,7,8-PeCDF	*65*		*40 - 135*	*03/24/14 13:40*	*04/02/14 03:20*	*1*
13C-1,2,3,4,7,8-HxCDF	*58*		*40 - 135*	*03/24/14 13:40*	*04/02/14 03:20*	*1*
13C-1,2,3,6,7,8-HxCDF	*57*		*40 - 135*	*03/24/14 13:40*	*04/02/14 03:20*	*1*
13C-2,3,4,6,7,8-HxCDF	*66*		*40 - 135*	*03/24/14 13:40*	*04/02/14 03:20*	*1*
13C-1,2,3,7,8,9-HxCDF	*68*		*40 - 135*	*03/24/14 13:40*	*04/02/14 03:20*	*1*
13C-1,2,3,4,6,7,8-HpCDF	*64*		*40 - 135*	*03/24/14 13:40*	*04/02/14 03:20*	*1*
13C-1,2,3,4,7,8,9-HpCDF	*66*		*40 - 135*	*03/24/14 13:40*	*04/02/14 03:20*	*1*
13C-OCDF	*61*		*40 - 135*	*03/24/14 13:40*	*04/02/14 03:20*	*1*

Client Sample ID: SB-72 (0.5-1)
Date Collected: 02/26/14 10:20
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47002-2
Matrix: Solid
Percent Solids: 91

Method: 8290 - Dioxins/Furans, HRGC/HRMS (8290)

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	D	Prepared	Analyzed	Dil Fac
2,3,7,8-TCDD	0.00000077	I	0.000001	000000070	1	).00000077	mg/kg	☼	03/24/14 10:00	04/02/14 04:22	1
1,2,3,7,8-PeCDD	0.0000029	I	0.000005	000000070	1	0.0000029	mg/kg	☼	03/24/14 10:00	04/02/14 04:22	1
1,2,3,4,7,8-HxCDD	0.0000020	I	0.000005	000000050	0.1	).00000020	mg/kg	☼	03/24/14 10:00	04/02/14 04:22	1
1,2,3,6,7,8-HxCDD	0.000011	V	0.000005	000000060	0.1	0.0000011	mg/kg	☼	03/24/14 10:00	04/02/14 04:22	1
1,2,3,7,8,9-HxCDD	0.0000077	C V	0.000005	000000050	0.1	).00000077	mg/kg	☼	03/24/14 10:00	04/02/14 04:22	1
1,2,3,4,6,7,8-HpCDD	0.00016	V	0.000005	000000080	0.01	0.0000016	mg/kg	☼	03/24/14 10:00	04/02/14 04:22	1
OCDD	0.0014	V	0.000011	).00000015	0.0003	).00000042	mg/kg	☼	03/24/14 10:00	04/02/14 04:22	1
2,3,7,8-TCDF	0.0000080	C	0.000001	).00000035	0.1	).00000080	mg/kg	☼	03/24/14 10:00	04/02/14 04:22	1
1,2,3,7,8-PeCDF	0.0000055	I	0.000005	).00000013	0.03	).00000017	mg/kg	☼	03/24/14 10:00	04/02/14 04:22	1
2,3,4,7,8-PeCDF	0.0000048	J V I	0.000005	).00000013	0.3	0.0000014	mg/kg	☼	03/24/14 10:00	04/02/14 04:22	1
1,2,3,4,7,8-HxCDF	0.0000074	J	0.000005	000000050	0.1	).00000074	mg/kg	☼	03/24/14 10:00	04/02/14 04:22	1
1,2,3,6,7,8-HxCDF	0.000011	J	0.000005	000000050	0.1	0.0000011	mg/kg	☼	03/24/14 10:00	04/02/14 04:22	1
2,3,4,6,7,8-HxCDF	0.0000035	V I	0.000005	000000050	0.1	).00000035	mg/kg	☼	03/24/14 10:00	04/02/14 04:22	1
1,2,3,7,8,9-HxCDF	0.00000037	I	0.000005	000000060	0.1	).00000004	mg/kg	☼	03/24/14 10:00	04/02/14 04:22	1
1,2,3,4,6,7,8-HpCDF	0.000052	V	0.000005	000000030	0.01	).00000052	mg/kg	☼	03/24/14 10:00	04/02/14 04:22	1
1,2,3,4,7,8,9-HpCDF	0.0000022	I	0.000005	000000040	0.01	).00000002	mg/kg	☼	03/24/14 10:00	04/02/14 04:22	1
OCDF	0.000069	V	0.000011	000000040	0.0003	).00000002	mg/kg	☼	03/24/14 10:00	04/02/14 04:22	1
Total TEQ (WHO 2005)						**0.000013**					

Internal Standard	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C-2,3,7,8-TCDD	*71*		*40 - 135*	*03/24/14 10:00*	*04/02/14 04:22*	*1*
13C-1,2,3,7,8-PeCDD	*74*		*40 - 135*	*03/24/14 10:00*	*04/02/14 04:22*	*1*
13C-1,2,3,4,7,8-HxCDD	*67*		*40 - 135*	*03/24/14 10:00*	*04/02/14 04:22*	*1*
13C-1,2,3,6,7,8-HxCDD	*65*		*40 - 135*	*03/24/14 10:00*	*04/02/14 04:22*	*1*
13C-1,2,3,4,6,7,8-HpCDD	*78*		*40 - 135*	*03/24/14 10:00*	*04/02/14 04:22*	*1*
13C-OCDD	*79*		*40 - 135*	*03/24/14 10:00*	*04/02/14 04:22*	*1*
13C-2,3,7,8-TCDF	*66*		*40 - 135*	*03/24/14 10:00*	*04/02/14 04:22*	*1*
13C-1,2,3,7,8-PeCDF	*69*		*40 - 135*	*03/24/14 10:00*	*04/02/14 04:22*	*1*
13C-2,3,4,7,8-PeCDF	*68*		*40 - 135*	*03/24/14 10:00*	*04/02/14 04:22*	*1*
13C-1,2,3,4,7,8-HxCDF	*62*		*40 - 135*	*03/24/14 10:00*	*04/02/14 04:22*	*1*
13C-1,2,3,6,7,8-HxCDF	*59*		*40 - 135*	*03/24/14 10:00*	*04/02/14 04:22*	*1*
13C-2,3,4,6,7,8-HxCDF	*62*		*40 - 135*	*03/24/14 10:00*	*04/02/14 04:22*	*1*
13C-1,2,3,7,8,9-HxCDF	*67*		*40 - 135*	*03/24/14 10:00*	*04/02/14 04:22*	*1*
13C-1,2,3,4,6,7,8-HpCDF	*63*		*40 - 135*	*03/24/14 10:00*	*04/02/14 04:22*	*1*
13C-1,2,3,4,7,8,9-HpCDF	*71*		*40 - 135*	*03/24/14 10:00*	*04/02/14 04:22*	*1*
13C-OCDF	*64*		*40 - 135*	*03/24/14 10:00*	*04/02/14 04:22*	*1*

Client Sample ID: SB-80 (0-0.5)
Date Collected: 02/26/14 13:50
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47003-10
Matrix: Solid
Percent Solids: 70

Method: 8290 - Dioxins/Furans, HRGC/HRMS (8290)

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	D	Prepared	Analyzed	Dil Fac
2,3,7,8-TCDD	0.00000011	J I	0.0000015	000000050	1	).00000011	mg/kg	☼	03/24/14 10:00	04/02/14 10:49	1
1,2,3,7,8-PeCDD	0.0000011	J I	0.0000074	000000060	1	0.0000011	mg/kg	☼	03/24/14 10:00	04/02/14 10:49	1
1,2,3,4,7,8-HxCDD	0.00000087	J I	0.0000074	000000040	0.1	).00000009	mg/kg	☼	03/24/14 10:00	04/02/14 10:49	1
1,2,3,6,7,8-HxCDD	0.0000029	J V I	0.0000074	000000040	0.1	).00000029	mg/kg	☼	03/24/14 10:00	04/02/14 10:49	1
1,2,3,7,8,9-HxCDD	0.0000026	C V I	0.0000074	000000040	0.1	).00000026	mg/kg	☼	03/24/14 10:00	04/02/14 10:49	1
1,2,3,4,6,7,8-HpCDD	0.000033	V	0.0000074	000000050	0.01	).00000033	mg/kg	☼	03/24/14 10:00	04/02/14 10:49	1
OCDD	0.00021	V	0.000015	000000060	0.0003	).00000006	mg/kg	☼	03/24/14 10:00	04/02/14 10:49	1
2,3,7,8-TCDF	0.0000024		0.0000015	).00000027	0.1	).00000024	mg/kg	☼	03/24/14 10:00	04/02/14 19:18	1
1,2,3,7,8-PeCDF	0.0000015	I	0.0000074	).00000012	0.03	).00000005	mg/kg	☼	03/24/14 10:00	04/02/14 10:49	1
2,3,4,7,8-PeCDF	0.0000026	J V I	0.0000074	).00000012	0.3	).00000078	mg/kg	☼	03/24/14 10:00	04/02/14 10:49	1
1,2,3,4,7,8-HxCDF	0.0000040	C I	0.0000074	000000040	0.1	).00000040	mg/kg	☼	03/24/14 10:00	04/02/14 10:49	1
1,2,3,6,7,8-HxCDF	0.0000055	J I	0.0000074	000000040	0.1	).00000055	mg/kg	☼	03/24/14 10:00	04/02/14 10:49	1
2,3,4,6,7,8-HxCDF	0.0000025	V I	0.0000074	000000040	0.1	).00000025	mg/kg	☼	03/24/14 10:00	04/02/14 10:49	1
1,2,3,7,8,9-HxCDF	0.000000090	J I	0.0000074	000000040	0.1	).00000001	mg/kg	☼	03/24/14 10:00	04/02/14 10:49	1
1,2,3,4,6,7,8-HpCDF	0.000018	J V	0.0000074	000000040	0.01	).00000018	mg/kg	☼	03/24/14 10:00	04/02/14 10:49	1
1,2,3,4,7,8,9-HpCDF	0.0000010	I	0.0000074	000000060	0.01	).00000001	mg/kg	☼	03/24/14 10:00	04/02/14 10:49	1
OCDF	0.000018	V	0.000015	000000020	0.0003	).00000001	mg/kg	☼	03/24/14 10:00	04/02/14 10:49	1
Total TEQ (WHO 2005)						**0.0000047**					

Internal Standard	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C-2,3,7,8-TCDD	*62*		*40 - 135*	*03/24/14 10:00*	*04/02/14 10:49*	*1*
13C-1,2,3,7,8-PeCDD	*71*		*40 - 135*	*03/24/14 10:00*	*04/02/14 10:49*	*1*
13C-1,2,3,4,7,8-HxCDD	*65*		*40 - 135*	*03/24/14 10:00*	*04/02/14 10:49*	*1*
13C-1,2,3,6,7,8-HxCDD	*62*		*40 - 135*	*03/24/14 10:00*	*04/02/14 10:49*	*1*
13C-1,2,3,4,6,7,8-HpCDD	*74*		*40 - 135*	*03/24/14 10:00*	*04/02/14 10:49*	*1*
13C-OCDD	*68*		*40 - 135*	*03/24/14 10:00*	*04/02/14 10:49*	*1*
13C-2,3,7,8-TCDF	*66*		*40 - 135*	*03/24/14 10:00*	*04/02/14 19:18*	*1*
13C-1,2,3,7,8-PeCDF	*68*		*40 - 135*	*03/24/14 10:00*	*04/02/14 10:49*	*1*
13C-2,3,4,7,8-PeCDF	*63*		*40 - 135*	*03/24/14 10:00*	*04/02/14 10:49*	*1*
13C-1,2,3,4,7,8-HxCDF	*58*		*40 - 135*	*03/24/14 10:00*	*04/02/14 10:49*	*1*
13C-1,2,3,6,7,8-HxCDF	*58*		*40 - 135*	*03/24/14 10:00*	*04/02/14 10:49*	*1*
13C-2,3,4,6,7,8-HxCDF	*61*		*40 - 135*	*03/24/14 10:00*	*04/02/14 10:49*	*1*
13C-1,2,3,7,8,9-HxCDF	*63*		*40 - 135*	*03/24/14 10:00*	*04/02/14 10:49*	*1*
13C-1,2,3,4,6,7,8-HpCDF	*61*		*40 - 135*	*03/24/14 10:00*	*04/02/14 10:49*	*1*
13C-1,2,3,4,7,8,9-HpCDF	*68*		*40 - 135*	*03/24/14 10:00*	*04/02/14 10:49*	*1*
13C-OCDF	*61*		*40 - 135*	*03/24/14 10:00*	*04/02/14 10:49*	*1*

Client Sample ID: SB-80 (0.5-1)
Date Collected: 02/26/14 13:52
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47003-11
Matrix: Solid
Percent Solids: 77

Method: 8290 - Dioxins/Furans, HRGC/HRMS (8290)

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	D	Prepared	Analyzed	Dil Fac
2,3,7,8-TCDD	0.000000030	U	0.0000013	000000030	1	.00000002	mg/kg	☼	03/24/14 10:00	04/03/14 01:31	1
1,2,3,7,8-PeCDD	0.00000024	J I	0.0000064	000000030	1	.00000024	mg/kg	☼	03/24/14 10:00	04/03/14 01:31	1
1,2,3,4,7,8-HxCDD	0.00000031	J I	0.0000064	000000030	0.1	.00000003	mg/kg	☼	03/24/14 10:00	04/03/14 01:31	1
1,2,3,6,7,8-HxCDD	0.0000015	J V I	0.0000064	000000030	0.1	.00000015	mg/kg	☼	03/24/14 10:00	04/03/14 01:31	1
1,2,3,7,8,9-HxCDD	0.0000014	C V I	0.0000064	000000030	0.1	.00000014	mg/kg	☼	03/24/14 10:00	04/03/14 01:31	1
1,2,3,4,6,7,8-HpCDD	0.000018	V	0.0000064	000000020	0.01	.00000018	mg/kg	☼	03/24/14 10:00	04/03/14 01:31	1
OCDD	0.00011	V	0.000013	000000030	0.0003	.00000003	mg/kg	☼	03/24/14 10:00	04/03/14 01:31	1
2,3,7,8-TCDF	0.0000014		0.0000013	.00000014	0.1	.00000014	mg/kg	☼	03/24/14 10:00	04/03/14 02:39	1
1,2,3,7,8-PeCDF	0.00000076	I	0.0000064	000000090	0.03	.00000002	mg/kg	☼	03/24/14 10:00	04/03/14 01:31	1
2,3,4,7,8-PeCDF	0.0000012	J V I	0.0000064	000000080	0.3	.00000036	mg/kg	☼	03/24/14 10:00	04/03/14 01:31	1
1,2,3,4,7,8-HxCDF	0.0000021	I C	0.0000064	000000030	0.1	.00000021	mg/kg	☼	03/24/14 10:00	04/03/14 01:31	1
1,2,3,6,7,8-HxCDF	0.0000021	J I	0.0000064	000000030	0.1	.00000021	mg/kg	☼	03/24/14 10:00	04/03/14 01:31	1
2,3,4,6,7,8-HxCDF	0.0000011	V I	0.0000064	000000030	0.1	.00000011	mg/kg	☼	03/24/14 10:00	04/03/14 01:31	1
1,2,3,7,8,9-HxCDF	0.000000090	J I	0.0000064	000000030	0.1	.00000001	mg/kg	☼	03/24/14 10:00	04/03/14 01:31	1
1,2,3,4,6,7,8-HpCDF	0.0000095	V	0.0000064	000000020	0.01	.00000010	mg/kg	☼	03/24/14 10:00	04/03/14 01:31	1
1,2,3,4,7,8,9-HpCDF	0.00000038	J I	0.0000064	000000030	0.01	.00000000	mg/kg	☼	03/24/14 10:00	04/03/14 01:31	1
OCDF	0.000011	V I	0.000013	000000010	0.0003	.00000000	mg/kg	☼	03/24/14 10:00	04/03/14 01:31	1
Total TEQ (WHO 2005)						**0.0000020**					

Internal Standard	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C-2,3,7,8-TCDD	63		40 - 135	03/24/14 10:00	04/03/14 01:31	1
13C-1,2,3,7,8-PeCDD	71		40 - 135	03/24/14 10:00	04/03/14 01:31	1
13C-1,2,3,4,7,8-HxCDD	64		40 - 135	03/24/14 10:00	04/03/14 01:31	1
13C-1,2,3,6,7,8-HxCDD	62		40 - 135	03/24/14 10:00	04/03/14 01:31	1
13C-1,2,3,4,6,7,8-HpCDD	72		40 - 135	03/24/14 10:00	04/03/14 01:31	1
13C-OCDD	72		40 - 135	03/24/14 10:00	04/03/14 01:31	1
13C-2,3,7,8-TCDF	66		40 - 135	03/24/14 10:00	04/03/14 02:39	1
13C-1,2,3,7,8-PeCDF	66		40 - 135	03/24/14 10:00	04/03/14 01:31	1
13C-2,3,4,7,8-PeCDF	60		40 - 135	03/24/14 10:00	04/03/14 01:31	1
13C-1,2,3,4,7,8-HxCDF	55		40 - 135	03/24/14 10:00	04/03/14 01:31	1
13C-1,2,3,6,7,8-HxCDF	58		40 - 135	03/24/14 10:00	04/03/14 01:31	1
13C-2,3,4,6,7,8-HxCDF	62		40 - 135	03/24/14 10:00	04/03/14 01:31	1
13C-1,2,3,7,8,9-HxCDF	68		40 - 135	03/24/14 10:00	04/03/14 01:31	1
13C-1,2,3,4,6,7,8-HpCDF	60		40 - 135	03/24/14 10:00	04/03/14 01:31	1
13C-1,2,3,4,7,8,9-HpCDF	66		40 - 135	03/24/14 10:00	04/03/14 01:31	1
13C-OCDF	64		40 - 135	03/24/14 10:00	04/03/14 01:31	1

Client Sample ID: SB-70 (0-0.5)
Date Collected: 02/26/14 12:10
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47004-4
Matrix: Solid
Percent Solids: 78

Method: 8290 - Dioxins/Furans, HRGC/HRMS (8290)

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	D	Prepared	Analyzed	Dil Fac
2,3,7,8-TCDD	0.00000049	J I	0.000001 3	000000050	1	).00000049	mg/kg	☼	03/24/14 10:00	04/02/14 12:52	1
1,2,3,7,8-PeCDD	0.0000041	J I	0.000006 7	).00000011	1	0.0000041	mg/kg	☼	03/24/14 10:00	04/02/14 12:52	1
1,2,3,4,7,8-HxCDD	0.0000071		0.000006 7	000000060	0.1	).00000071	mg/kg	☼	03/24/14 10:00	04/02/14 12:52	1
1,2,3,6,7,8-HxCDD	0.000029	V	0.000006 7	000000070	0.1	0.0000029	mg/kg	☼	03/24/14 10:00	04/02/14 12:52	1
1,2,3,7,8,9-HxCDD	0.000020	V	0.000006 7	000000060	0.1	0.0000020	mg/kg	☼	03/24/14 10:00	04/02/14 12:52	1
1,2,3,4,6,7,8-HpCDD	0.00044	V	0.000006 7	).00000012	0.01	0.0000044	mg/kg	☼	03/24/14 10:00	04/02/14 12:52	1
OCDD	0.0027	V	0.000013	000000090	0.0003	).00000081	mg/kg	☼	03/24/14 10:00	04/02/14 12:52	1
2,3,7,8-TCDF	0.0000034		0.000001 3	).00000026	0.1	).00000034	mg/kg	☼	03/24/14 10:00	04/03/14 03:10	1
1,2,3,7,8-PeCDF	0.0000025	I	0.000006 7	).00000014	0.03	).00000008	mg/kg	☼	03/24/14 10:00	04/02/14 12:52	1
2,3,4,7,8-PeCDF	0.0000056	V I	0.000006 7	).00000013	0.3	0.0000017	mg/kg	☼	03/24/14 10:00	04/02/14 12:52	1
1,2,3,4,7,8-HxCDF	0.000010	J	0.000006 7	000000060	0.1	0.0000010	mg/kg	☼	03/24/14 10:00	04/02/14 12:52	1
1,2,3,6,7,8-HxCDF	0.000012	J	0.000006 7	000000050	0.1	0.0000012	mg/kg	☼	03/24/14 10:00	04/02/14 12:52	1
2,3,4,6,7,8-HxCDF	0.0000087	V	0.000006 7	000000050	0.1	).00000087	mg/kg	☼	03/24/14 10:00	04/02/14 12:52	1
1,2,3,7,8,9-HxCDF	0.00000040	I	0.000006 7	000000060	0.1	).00000004	mg/kg	☼	03/24/14 10:00	04/02/14 12:52	1
1,2,3,4,6,7,8-HpCDF	0.000066	V	0.000006 7	000000050	0.01	).00000066	mg/kg	☼	03/24/14 10:00	04/02/14 12:52	1
1,2,3,4,7,8,9-HpCDF	0.0000034	I	0.000006 7	000000070	0.01	).00000003	mg/kg	☼	03/24/14 10:00	04/02/14 12:52	1
OCDF	0.000082	V	0.000013	000000030	0.0003	).00000002	mg/kg	☼	03/24/14 10:00	04/02/14 12:52	1
Total TEQ (WHO 2005)						**0.000021**					

Internal Standard	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C-2,3,7,8-TCDD	*62*		*40 - 135*	*03/24/14 10:00*	*04/02/14 12:52*	*1*
13C-1,2,3,7,8-PeCDD	*62*		*40 - 135*	*03/24/14 10:00*	*04/02/14 12:52*	*1*
13C-1,2,3,4,7,8-HxCDD	*55*		*40 - 135*	*03/24/14 10:00*	*04/02/14 12:52*	*1*
13C-1,2,3,6,7,8-HxCDD	*51*		*40 - 135*	*03/24/14 10:00*	*04/02/14 12:52*	*1*
13C-1,2,3,4,6,7,8-HpCDD	*61*		*40 - 135*	*03/24/14 10:00*	*04/02/14 12:52*	*1*
13C-OCDD	*59*		*40 - 135*	*03/24/14 10:00*	*04/02/14 12:52*	*1*
13C-2,3,7,8-TCDF	*60*		*40 - 135*	*03/24/14 10:00*	*04/03/14 03:10*	*1*
13C-1,2,3,7,8-PeCDF	*60*		*40 - 135*	*03/24/14 10:00*	*04/02/14 12:52*	*1*
13C-2,3,4,7,8-PeCDF	*55*		*40 - 135*	*03/24/14 10:00*	*04/02/14 12:52*	*1*
13C-1,2,3,4,7,8-HxCDF	*48*		*40 - 135*	*03/24/14 10:00*	*04/02/14 12:52*	*1*
13C-1,2,3,6,7,8-HxCDF	*47*		*40 - 135*	*03/24/14 10:00*	*04/02/14 12:52*	*1*
13C-2,3,4,6,7,8-HxCDF	*52*		*40 - 135*	*03/24/14 10:00*	*04/02/14 12:52*	*1*
13C-1,2,3,7,8,9-HxCDF	*55*		*40 - 135*	*03/24/14 10:00*	*04/02/14 12:52*	*1*
13C-1,2,3,4,6,7,8-HpCDF	*48*		*40 - 135*	*03/24/14 10:00*	*04/02/14 12:52*	*1*
13C-1,2,3,4,7,8,9-HpCDF	*55*		*40 - 135*	*03/24/14 10:00*	*04/02/14 12:52*	*1*
13C-OCDF	*50*		*40 - 135*	*03/24/14 10:00*	*04/02/14 12:52*	*1*

Client Sample ID: SB-70 (0.5-1)
Date Collected: 02/26/14 12:12
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47004-5
Matrix: Solid
Percent Solids: 83

Method: 8290 - Dioxins/Furans, HRGC/HRMS (8290)

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	D	Prepared	Analyzed	Dil Fac
2,3,7,8-TCDD	0.0000019	J	0.0000012	0.00000014	1	0.0000019	mg/kg	☼	03/24/14 10:00	04/02/14 13:54	1
1,2,3,7,8-PeCDD	0.0000061	J I	0.0000063	0.00000012	1	0.0000061	mg/kg	☼	03/24/14 10:00	04/02/14 13:54	1
1,2,3,4,7,8-HxCDD	0.0000059	I	0.0000063	0.00000080	0.1	0.00000059	mg/kg	☼	03/24/14 10:00	04/02/14 13:54	1
1,2,3,6,7,8-HxCDD	0.000028	V	0.0000063	0.00000090	0.1	0.0000028	mg/kg	☼	03/24/14 10:00	04/02/14 13:54	1
1,2,3,7,8,9-HxCDD	0.000023	C V	0.0000063	0.00000080	0.1	0.0000023	mg/kg	☼	03/24/14 10:00	04/02/14 13:54	1
1,2,3,4,6,7,8-HpCDD	0.00030	V	0.0000063	0.00000010	0.01	0.0000030	mg/kg	☼	03/24/14 10:00	04/02/14 13:54	1
OCDD	0.0017	V	0.000013	0.00000016	0.0003	0.00000051	mg/kg	☼	03/24/14 10:00	04/02/14 13:54	1
2,3,7,8-TCDF	0.000010		0.0000012	0.00000052	0.1	0.0000010	mg/kg	☼	03/24/14 10:00	04/03/14 03:42	1
1,2,3,7,8-PeCDF	0.0000090	J	0.0000063	0.00000021	0.03	0.00000027	mg/kg	☼	03/24/14 10:00	04/02/14 13:54	1
2,3,4,7,8-PeCDF	0.000016	J V	0.0000063	0.00000020	0.3	0.0000048	mg/kg	☼	03/24/14 10:00	04/02/14 13:54	1
1,2,3,4,7,8-HxCDF	0.000032	J	0.0000063	0.00000010	0.1	0.0000032	mg/kg	☼	03/24/14 10:00	04/02/14 13:54	1
1,2,3,6,7,8-HxCDF	0.000023	J	0.0000063	0.00000010	0.1	0.0000023	mg/kg	☼	03/24/14 10:00	04/02/14 13:54	1
2,3,4,6,7,8-HxCDF	0.000016	V	0.0000063	0.00000010	0.1	0.0000016	mg/kg	☼	03/24/14 10:00	04/02/14 13:54	1
1,2,3,7,8,9-HxCDF	0.00000061	J I	0.0000063	0.00000010	0.1	0.00000006	mg/kg	☼	03/24/14 10:00	04/02/14 13:54	1
1,2,3,4,6,7,8-HpCDF	0.000068	V	0.0000063	0.00000070	0.01	0.00000068	mg/kg	☼	03/24/14 10:00	04/02/14 13:54	1
1,2,3,4,7,8,9-HpCDF	0.0000033	I	0.0000063	0.00000090	0.01	0.00000003	mg/kg	☼	03/24/14 10:00	04/02/14 13:54	1
OCDF	0.000049	J V	0.000013	0.00000060	0.0003	0.00000001	mg/kg	☼	03/24/14 10:00	04/02/14 13:54	1
Total TEQ (WHO 2005)						**0.000031**					

Internal Standard	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C-2,3,7,8-TCDD	*63*		*40 - 135*	*03/24/14 10:00*	*04/02/14 13:54*	*1*
13C-1,2,3,7,8-PeCDD	*73*		*40 - 135*	*03/24/14 10:00*	*04/02/14 13:54*	*1*
13C-1,2,3,4,7,8-HxCDD	*63*		*40 - 135*	*03/24/14 10:00*	*04/02/14 13:54*	*1*
13C-1,2,3,6,7,8-HxCDD	*56*		*40 - 135*	*03/24/14 10:00*	*04/02/14 13:54*	*1*
13C-1,2,3,4,6,7,8-HpCDD	*70*		*40 - 135*	*03/24/14 10:00*	*04/02/14 13:54*	*1*
13C-OCDD	*68*		*40 - 135*	*03/24/14 10:00*	*04/02/14 13:54*	*1*
13C-2,3,7,8-TCDF	*66*		*40 - 135*	*03/24/14 10:00*	*04/03/14 03:42*	*1*
13C-1,2,3,7,8-PeCDF	*66*		*40 - 135*	*03/24/14 10:00*	*04/02/14 13:54*	*1*
13C-2,3,4,7,8-PeCDF	*65*		*40 - 135*	*03/24/14 10:00*	*04/02/14 13:54*	*1*
13C-1,2,3,4,7,8-HxCDF	*54*		*40 - 135*	*03/24/14 10:00*	*04/02/14 13:54*	*1*
13C-1,2,3,6,7,8-HxCDF	*52*		*40 - 135*	*03/24/14 10:00*	*04/02/14 13:54*	*1*
13C-2,3,4,6,7,8-HxCDF	*59*		*40 - 135*	*03/24/14 10:00*	*04/02/14 13:54*	*1*
13C-1,2,3,7,8,9-HxCDF	*64*		*40 - 135*	*03/24/14 10:00*	*04/02/14 13:54*	*1*
13C-1,2,3,4,6,7,8-HpCDF	*57*		*40 - 135*	*03/24/14 10:00*	*04/02/14 13:54*	*1*
13C-1,2,3,4,7,8,9-HpCDF	*62*		*40 - 135*	*03/24/14 10:00*	*04/02/14 13:54*	*1*
13C-OCDF	*60*		*40 - 135*	*03/24/14 10:00*	*04/02/14 13:54*	*1*

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-46930-3

Client Sample ID: SB-70 (1-2)
Date Collected: 02/26/14 12:14
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47004-6
Matrix: Solid
Percent Solids: 74

Method: 8290 - Dioxins/Furans, HRGC/HRMS (8290)

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	D	Prepared	Analyzed	Dil Fac
2,3,7,8-TCDD	0.00000014	J I	0.0000014	000000080	1	).00000014	mg/kg	☼	03/24/14 10:00	04/02/14 14:56	1
1,2,3,7,8-PeCDD	0.0000013	J I	0.0000068	000000060	1	0.0000013	mg/kg	☼	03/24/14 10:00	04/02/14 14:56	1
1,2,3,4,7,8-HxCDD	0.00000096	I	0.0000068	000000040	0.1	).00000010	mg/kg	☼	03/24/14 10:00	04/02/14 14:56	1
1,2,3,6,7,8-HxCDD	0.0000052	V I	0.0000068	000000050	0.1	).00000052	mg/kg	☼	03/24/14 10:00	04/02/14 14:56	1
1,2,3,7,8,9-HxCDD	0.0000036	J V I	0.0000068	000000040	0.1	).00000036	mg/kg	☼	03/24/14 10:00	04/02/14 14:56	1
1,2,3,4,6,7,8-HpCDD	0.000072	V	0.0000068	000000070	0.01	).00000072	mg/kg	☼	03/24/14 10:00	04/02/14 14:56	1
OCDD	0.00052	V	0.000014	).00000010	0.0003	).00000016	mg/kg	☼	03/24/14 10:00	04/02/14 14:56	1
2,3,7,8-TCDF	0.0000064		0.0000014	).00000018	0.1	).00000064	mg/kg	☼	03/24/14 10:00	04/03/14 04:13	1
1,2,3,7,8-PeCDF	0.0000019	I	0.0000068	000000080	0.03	).00000006	mg/kg	☼	03/24/14 10:00	04/02/14 14:56	1
2,3,4,7,8-PeCDF	0.0000025	V I	0.0000068	000000070	0.3	).00000075	mg/kg	☼	03/24/14 10:00	04/02/14 14:56	1
1,2,3,4,7,8-HxCDF	0.0000027	C I	0.0000068	000000030	0.1	).00000027	mg/kg	☼	03/24/14 10:00	04/02/14 14:56	1
1,2,3,6,7,8-HxCDF	0.0000017	J I	0.0000068	000000030	0.1	).00000017	mg/kg	☼	03/24/14 10:00	04/02/14 14:56	1
2,3,4,6,7,8-HxCDF	0.0000014	J V I	0.0000068	000000030	0.1	).00000014	mg/kg	☼	03/24/14 10:00	04/02/14 14:56	1
1,2,3,7,8,9-HxCDF	0.000000080	J I	0.0000068	000000030	0.1	).00000001	mg/kg	☼	03/24/14 10:00	04/02/14 14:56	1
1,2,3,4,6,7,8-HpCDF	0.0000079	V	0.0000068	000000030	0.01	).00000008	mg/kg	☼	03/24/14 10:00	04/02/14 14:56	1
1,2,3,4,7,8,9-HpCDF	0.00000060	I	0.0000068	000000050	0.01	).00000001	mg/kg	☼	03/24/14 10:00	04/02/14 14:56	1
OCDF	0.0000086	V I	0.000014	000000040	0.0003	).00000000	mg/kg	☼	03/24/14 10:00	04/02/14 14:56	1
Total TEQ (WHO 2005)						**0.0000054**					

Internal Standard	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C-2,3,7,8-TCDD	*63*		*40 - 135*	*03/24/14 10:00*	*04/02/14 14:56*	*1*
13C-1,2,3,7,8-PeCDD	*76*		*40 - 135*	*03/24/14 10:00*	*04/02/14 14:56*	*1*
13C-1,2,3,4,7,8-HxCDD	*66*		*40 - 135*	*03/24/14 10:00*	*04/02/14 14:56*	*1*
13C-1,2,3,6,7,8-HxCDD	*62*		*40 - 135*	*03/24/14 10:00*	*04/02/14 14:56*	*1*
13C-1,2,3,4,6,7,8-HpCDD	*77*		*40 - 135*	*03/24/14 10:00*	*04/02/14 14:56*	*1*
13C-OCDD	*77*		*40 - 135*	*03/24/14 10:00*	*04/02/14 14:56*	*1*
13C-2,3,7,8-TCDF	*68*		*40 - 135*	*03/24/14 10:00*	*04/03/14 04:13*	*1*
13C-1,2,3,7,8-PeCDF	*71*		*40 - 135*	*03/24/14 10:00*	*04/02/14 14:56*	*1*
13C-2,3,4,7,8-PeCDF	*70*		*40 - 135*	*03/24/14 10:00*	*04/02/14 14:56*	*1*
13C-1,2,3,4,7,8-HxCDF	*59*		*40 - 135*	*03/24/14 10:00*	*04/02/14 14:56*	*1*
13C-1,2,3,6,7,8-HxCDF	*58*		*40 - 135*	*03/24/14 10:00*	*04/02/14 14:56*	*1*
13C-2,3,4,6,7,8-HxCDF	*65*		*40 - 135*	*03/24/14 10:00*	*04/02/14 14:56*	*1*
13C-1,2,3,7,8,9-HxCDF	*69*		*40 - 135*	*03/24/14 10:00*	*04/02/14 14:56*	*1*
13C-1,2,3,4,6,7,8-HpCDF	*62*		*40 - 135*	*03/24/14 10:00*	*04/02/14 14:56*	*1*
13C-1,2,3,4,7,8,9-HpCDF	*64*		*40 - 135*	*03/24/14 10:00*	*04/02/14 14:56*	*1*
13C-OCDF	*53*		*40 - 135*	*03/24/14 10:00*	*04/02/14 14:56*	*1*

Client Sample ID: SB-36 (0-0.5)
Date Collected: 02/26/14 09:53
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47005-1
Matrix: Solid
Percent Solids: 94.6

Method: 8290 - Dioxins/Furans, HRGC/HRMS (8290)

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	D	Prepared	Analyzed	Dil Fac
2,3,7,8-TCDD	0.000000020	J I	0.0000011	000000020	1	).00000002	mg/kg	☼	03/24/14 10:00	04/03/14 02:32	1
1,2,3,7,8-PeCDD	0.00000016	J I	0.0000054	000000020	1	).00000016	mg/kg	☼	03/24/14 10:00	04/03/14 02:32	1
1,2,3,4,7,8-HxCDD	0.00000019	J I	0.0000054	000000020	0.1	).00000002	mg/kg	☼	03/24/14 10:00	04/03/14 02:32	1
1,2,3,6,7,8-HxCDD	0.00000059	V I	0.0000054	000000030	0.1	).00000006	mg/kg	☼	03/24/14 10:00	04/03/14 02:32	1
1,2,3,7,8,9-HxCDD	0.00000048	J V I	0.0000054	000000020	0.1	).00000005	mg/kg	☼	03/24/14 10:00	04/03/14 02:32	1
1,2,3,4,6,7,8-HpCDD	0.0000073	V	0.0000054	000000040	0.01	).00000007	mg/kg	☼	03/24/14 10:00	04/03/14 02:32	1
OCDD	0.000070	V	0.000011	000000030	0.0003	).00000002	mg/kg	☼	03/24/14 10:00	04/03/14 02:32	1
2,3,7,8-TCDF	0.00000086	I	0.0000011	).00000012	0.1	).00000009	mg/kg	☼	03/24/14 10:00	04/03/14 04:44	1
1,2,3,7,8-PeCDF	0.00000028	J I	0.0000054	000000040	0.03	).00000001	mg/kg	☼	03/24/14 10:00	04/03/14 02:32	1
2,3,4,7,8-PeCDF	0.00000067	V I	0.0000054	000000040	0.3	).00000020	mg/kg	☼	03/24/14 10:00	04/03/14 02:32	1
1,2,3,4,7,8-HxCDF	0.00000090	C I	0.0000054	000000020	0.1	).00000009	mg/kg	☼	03/24/14 10:00	04/03/14 02:32	1
1,2,3,6,7,8-HxCDF	0.00000042	J I	0.0000054	000000020	0.1	).00000004	mg/kg	☼	03/24/14 10:00	04/03/14 02:32	1
2,3,4,6,7,8-HxCDF	0.00000044	V I	0.0000054	000000020	0.1	).00000004	mg/kg	☼	03/24/14 10:00	04/03/14 02:32	1
1,2,3,7,8,9-HxCDF	0.000000020	U	0.0000054	000000020	0.1	).00000000	mg/kg	☼	03/24/14 10:00	04/03/14 02:32	1
1,2,3,4,6,7,8-HpCDF	0.0000024	J V I	0.0000054	000000020	0.01	).00000002	mg/kg	☼	03/24/14 10:00	04/03/14 02:32	1
1,2,3,4,7,8,9-HpCDF	0.00000016	J I	0.0000054	000000020	0.01	).00000000	mg/kg	☼	03/24/14 10:00	04/03/14 02:32	1
OCDF	0.0000033	V I	0.000011	000000020	0.0003	).00000000	mg/kg	☼	03/24/14 10:00	04/03/14 02:32	1
Total TEQ (WHO 2005)						**0.00000089**					

Internal Standard	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C-2,3,7,8-TCDD	*63*		*40 - 135*	*03/24/14 10:00*	*04/03/14 02:32*	*1*
13C-1,2,3,7,8-PeCDD	*74*		*40 - 135*	*03/24/14 10:00*	*04/03/14 02:32*	*1*
13C-1,2,3,4,7,8-HxCDD	*67*		*40 - 135*	*03/24/14 10:00*	*04/03/14 02:32*	*1*
13C-1,2,3,6,7,8-HxCDD	*65*		*40 - 135*	*03/24/14 10:00*	*04/03/14 02:32*	*1*
13C-1,2,3,4,6,7,8-HpCDD	*72*		*40 - 135*	*03/24/14 10:00*	*04/03/14 02:32*	*1*
13C-OCDD	*71*		*40 - 135*	*03/24/14 10:00*	*04/03/14 02:32*	*1*
13C-1,2,3,7,8-PeCDF	*66*		*40 - 135*	*03/24/14 10:00*	*04/03/14 02:32*	*1*
13C-2,3,4,7,8-PeCDF	*65*		*40 - 135*	*03/24/14 10:00*	*04/03/14 02:32*	*1*
13C-1,2,3,4,7,8-HxCDF	*60*		*40 - 135*	*03/24/14 10:00*	*04/03/14 02:32*	*1*
13C-1,2,3,6,7,8-HxCDF	*59*		*40 - 135*	*03/24/14 10:00*	*04/03/14 02:32*	*1*
13C-2,3,4,6,7,8-HxCDF	*69*		*40 - 135*	*03/24/14 10:00*	*04/03/14 02:32*	*1*
13C-1,2,3,7,8,9-HxCDF	*67*		*40 - 135*	*03/24/14 10:00*	*04/03/14 02:32*	*1*
13C-1,2,3,4,6,7,8-HpCDF	*63*		*40 - 135*	*03/24/14 10:00*	*04/03/14 02:32*	*1*
13C-1,2,3,4,7,8,9-HpCDF	*67*		*40 - 135*	*03/24/14 10:00*	*04/03/14 02:32*	*1*
13C-OCDF	*60*		*40 - 135*	*03/24/14 10:00*	*04/03/14 02:32*	*1*

Client Sample ID: SB-36 (1-2)
Date Collected: 02/26/14 09:57
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47005-3
Matrix: Solid
Percent Solids: 75

Method: 8290 - Dioxins/Furans, HRGC/HRMS (8290)

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	D	Prepared	Analyzed	Dil Fac
2,3,7,8-TCDD	0.0000020		0.0000013	0.00000016	1	0.0000020	mg/kg	☼	03/24/14 10:00	04/03/14 03:33	1
1,2,3,7,8-PeCDD	0.0000034	J I	0.0000063	0.00000090	1	0.0000034	mg/kg	☼	03/24/14 10:00	04/03/14 03:33	1
1,2,3,4,7,8-HxCDD	0.0000021	I	0.0000063	0.00000050	0.1	0.00000021	mg/kg	☼	03/24/14 10:00	04/03/14 03:33	1
1,2,3,6,7,8-HxCDD	0.0000051	V I	0.0000063	0.00000050	0.1	0.00000051	mg/kg	☼	03/24/14 10:00	04/03/14 03:33	1
1,2,3,7,8,9-HxCDD	0.0000058	C V I	0.0000063	0.00000050	0.1	0.00000058	mg/kg	☼	03/24/14 10:00	04/03/14 03:33	1
1,2,3,4,6,7,8-HpCDD	0.000026	V	0.0000063	0.00000060	0.01	0.00000026	mg/kg	☼	03/24/14 10:00	04/03/14 03:33	1
OCDD	0.000086	V	0.000013	0.00000040	0.0003	0.00000003	mg/kg	☼	03/24/14 10:00	04/03/14 03:33	1
2,3,7,8-TCDF	0.000028		0.0000013	0.00000037	0.1	0.0000028	mg/kg	☼	03/24/14 10:00	04/03/14 05:15	1
1,2,3,7,8-PeCDF	0.0000096	J	0.0000063	0.00000016	0.03	0.00000029	mg/kg	☼	03/24/14 10:00	04/03/14 03:33	1
2,3,4,7,8-PeCDF	0.000015	V	0.0000063	0.00000016	0.3	0.0000045	mg/kg	☼	03/24/14 10:00	04/03/14 03:33	1
1,2,3,4,7,8-HxCDF	0.000014	C	0.0000063	0.00000050	0.1	0.0000014	mg/kg	☼	03/24/14 10:00	04/03/14 03:33	1
1,2,3,6,7,8-HxCDF	0.0000085	J	0.0000063	0.00000050	0.1	0.00000085	mg/kg	☼	03/24/14 10:00	04/03/14 03:33	1
2,3,4,6,7,8-HxCDF	0.0000066	V	0.0000063	0.00000050	0.1	0.00000066	mg/kg	☼	03/24/14 10:00	04/03/14 03:33	1
1,2,3,7,8,9-HxCDF	0.00000033	J I	0.0000063	0.00000050	0.1	0.00000003	mg/kg	☼	03/24/14 10:00	04/03/14 03:33	1
1,2,3,4,6,7,8-HpCDF	0.000022	J V	0.0000063	0.00000020	0.01	0.00000022	mg/kg	☼	03/24/14 10:00	04/03/14 03:33	1
1,2,3,4,7,8,9-HpCDF	0.0000018	I	0.0000063	0.00000030	0.01	0.00000002	mg/kg	☼	03/24/14 10:00	04/03/14 03:33	1
OCDF	0.0000095	V I	0.000013	0.00000020	0.0003	0.00000000	mg/kg	☼	03/24/14 10:00	04/03/14 03:33	1
Total TEQ (WHO 2005)						**0.000018**					

Internal Standard	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C-2,3,7,8-TCDD	*67*		*40 - 135*	*03/24/14 10:00*	*04/03/14 03:33*	*1*
13C-1,2,3,7,8-PeCDD	*72*		*40 - 135*	*03/24/14 10:00*	*04/03/14 03:33*	*1*
13C-1,2,3,4,7,8-HxCDD	*64*		*40 - 135*	*03/24/14 10:00*	*04/03/14 03:33*	*1*
13C-1,2,3,6,7,8-HxCDD	*66*		*40 - 135*	*03/24/14 10:00*	*04/03/14 03:33*	*1*
13C-1,2,3,4,6,7,8-HpCDD	*74*		*40 - 135*	*03/24/14 10:00*	*04/03/14 03:33*	*1*
13C-OCDD	*77*		*40 - 135*	*03/24/14 10:00*	*04/03/14 03:33*	*1*
13C-2,3,7,8-TCDF	*70*		*40 - 135*	*03/24/14 10:00*	*04/03/14 05:15*	*1*
13C-1,2,3,7,8-PeCDF	*73*		*40 - 135*	*03/24/14 10:00*	*04/03/14 03:33*	*1*
13C-2,3,4,7,8-PeCDF	*66*		*40 - 135*	*03/24/14 10:00*	*04/03/14 03:33*	*1*
13C-1,2,3,4,7,8-HxCDF	*63*		*40 - 135*	*03/24/14 10:00*	*04/03/14 03:33*	*1*
13C-1,2,3,6,7,8-HxCDF	*62*		*40 - 135*	*03/24/14 10:00*	*04/03/14 03:33*	*1*
13C-2,3,4,6,7,8-HxCDF	*67*		*40 - 135*	*03/24/14 10:00*	*04/03/14 03:33*	*1*
13C-1,2,3,7,8,9-HxCDF	*73*		*40 - 135*	*03/24/14 10:00*	*04/03/14 03:33*	*1*
13C-1,2,3,4,6,7,8-HpCDF	*63*		*40 - 135*	*03/24/14 10:00*	*04/03/14 03:33*	*1*
13C-1,2,3,4,7,8,9-HpCDF	*71*		*40 - 135*	*03/24/14 10:00*	*04/03/14 03:33*	*1*
13C-OCDF	*69*		*40 - 135*	*03/24/14 10:00*	*04/03/14 03:33*	*1*

Client Sample ID: SB-38 (0-0.5)
Date Collected: 02/26/14 09:38
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47005-7
Matrix: Solid
Percent Solids: 74

Method: 8290 - Dioxins/Furans, HRGC/HRMS (8290)

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	D	Prepared	Analyzed	Dil Fac
2,3,7,8-TCDD	0.0000028	J	0.0000013	000000060	1	0.0000028	mg/kg	☼	03/24/14 10:00	04/03/14 04:35	1
1,2,3,7,8-PeCDD	0.0000012	J I	0.0000067	000000060	1	0.0000012	mg/kg	☼	03/24/14 10:00	04/03/14 04:35	1
1,2,3,4,7,8-HxCDD	0.0000015	I	0.0000067	000000070	0.1	0.00000015	mg/kg	☼	03/24/14 10:00	04/03/14 04:35	1
1,2,3,6,7,8-HxCDD	0.0000059	V I	0.0000067	000000070	0.1	0.00000059	mg/kg	☼	03/24/14 10:00	04/03/14 04:35	1
1,2,3,7,8,9-HxCDD	0.0000046	C V I	0.0000067	000000070	0.1	0.00000046	mg/kg	☼	03/24/14 10:00	04/03/14 04:35	1
1,2,3,4,6,7,8-HpCDD	0.00011	V	0.0000067	000000060	0.01	0.0000011	mg/kg	☼	03/24/14 10:00	04/03/14 04:35	1
OCDD	0.00092	V	0.000013	0.00000018	0.0003	0.00000028	mg/kg	☼	03/24/14 10:00	04/03/14 04:35	1
2,3,7,8-TCDF	0.0000064	J	0.0000013	0.00000071	0.1	0.00000064	mg/kg	☼	03/24/14 10:00	04/03/14 05:47	1
1,2,3,7,8-PeCDF	0.0000026	I	0.0000067	0.00000015	0.03	0.00000008	mg/kg	☼	03/24/14 10:00	04/03/14 04:35	1
2,3,4,7,8-PeCDF	0.0000043	J V I	0.0000067	0.00000015	0.3	0.0000013	mg/kg	☼	03/24/14 10:00	04/03/14 04:35	1
1,2,3,4,7,8-HxCDF	0.0000067	J	0.0000067	000000040	0.1	0.00000067	mg/kg	☼	03/24/14 10:00	04/03/14 04:35	1
1,2,3,6,7,8-HxCDF	0.0000065	J I	0.0000067	000000040	0.1	0.00000065	mg/kg	☼	03/24/14 10:00	04/03/14 04:35	1
2,3,4,6,7,8-HxCDF	0.0000030	J V I	0.0000067	000000040	0.1	0.00000030	mg/kg	☼	03/24/14 10:00	04/03/14 04:35	1
1,2,3,7,8,9-HxCDF	0.00000020	J I	0.0000067	000000040	0.1	0.00000002	mg/kg	☼	03/24/14 10:00	04/03/14 04:35	1
1,2,3,4,6,7,8-HpCDF	0.000041	V	0.0000067	000000040	0.01	0.00000041	mg/kg	☼	03/24/14 10:00	04/03/14 04:35	1
1,2,3,4,7,8,9-HpCDF	0.0000023	I	0.0000067	000000050	0.01	0.00000002	mg/kg	☼	03/24/14 10:00	04/03/14 04:35	1
OCDF	0.000055	J V	0.000013	000000040	0.0003	0.00000002	mg/kg	☼	03/24/14 10:00	04/03/14 04:35	1
Total TEQ (WHO 2005)						**0.000011**					

Internal Standard	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C-2,3,7,8-TCDD	*60*		*40 - 135*	*03/24/14 10:00*	*04/03/14 04:35*	*1*
13C-1,2,3,7,8-PeCDD	*65*		*40 - 135*	*03/24/14 10:00*	*04/03/14 04:35*	*1*
13C-1,2,3,4,7,8-HxCDD	*52*		*40 - 135*	*03/24/14 10:00*	*04/03/14 04:35*	*1*
13C-1,2,3,6,7,8-HxCDD	*50*		*40 - 135*	*03/24/14 10:00*	*04/03/14 04:35*	*1*
13C-1,2,3,4,6,7,8-HpCDD	*63*		*40 - 135*	*03/24/14 10:00*	*04/03/14 04:35*	*1*
13C-OCDD	*58*		*40 - 135*	*03/24/14 10:00*	*04/03/14 04:35*	*1*
13C-2,3,7,8-TCDF	*61*		*40 - 135*	*03/24/14 10:00*	*04/03/14 05:47*	*1*
13C-1,2,3,7,8-PeCDF	*59*		*40 - 135*	*03/24/14 10:00*	*04/03/14 04:35*	*1*
13C-2,3,4,7,8-PeCDF	*57*		*40 - 135*	*03/24/14 10:00*	*04/03/14 04:35*	*1*
13C-1,2,3,4,7,8-HxCDF	*49*		*40 - 135*	*03/24/14 10:00*	*04/03/14 04:35*	*1*
13C-1,2,3,6,7,8-HxCDF	*46*		*40 - 135*	*03/24/14 10:00*	*04/03/14 04:35*	*1*
13C-2,3,4,6,7,8-HxCDF	*51*		*40 - 135*	*03/24/14 10:00*	*04/03/14 04:35*	*1*
13C-1,2,3,7,8,9-HxCDF	*55*		*40 - 135*	*03/24/14 10:00*	*04/03/14 04:35*	*1*
13C-1,2,3,4,6,7,8-HpCDF	*52*		*40 - 135*	*03/24/14 10:00*	*04/03/14 04:35*	*1*
13C-1,2,3,4,7,8,9-HpCDF	*60*		*40 - 135*	*03/24/14 10:00*	*04/03/14 04:35*	*1*
13C-OCDF	*53*		*40 - 135*	*03/24/14 10:00*	*04/03/14 04:35*	*1*

Client Sample ID: SB-38 (0.5-1)
Date Collected: 02/26/14 09:40
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47005-8
Matrix: Solid
Percent Solids: 88

Method: 8290 - Dioxins/Furans, HRGC/HRMS (8290)

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	D	Prepared	Analyzed	Dil Fac
2,3,7,8-TCDD	0.0000010	J I	0.0000011	0.00000011	1	0.0000010	mg/kg	☼	03/24/14 10:00	04/03/14 05:37	1
1,2,3,7,8-PeCDD	0.0000026	J I	0.00000057	0.00000080	1	0.0000026	mg/kg	☼	03/24/14 10:00	04/03/14 05:37	1
1,2,3,4,7,8-HxCDD	0.0000018	I	0.00000057	0.00000050	0.1	0.00000018	mg/kg	☼	03/24/14 10:00	04/03/14 05:37	1
1,2,3,6,7,8-HxCDD	0.0000066	V	0.00000057	0.00000060	0.1	0.00000066	mg/kg	☼	03/24/14 10:00	04/03/14 05:37	1
1,2,3,7,8,9-HxCDD	0.0000060	C V	0.00000057	0.00000050	0.1	0.00000060	mg/kg	☼	03/24/14 10:00	04/03/14 05:37	1
1,2,3,4,6,7,8-HpCDD	0.000083	V	0.00000057	0.00000080	0.01	0.00000083	mg/kg	☼	03/24/14 10:00	04/03/14 05:37	1
OCDD	0.00074	V	0.000011	0.00000011	0.0003	0.00000022	mg/kg	☼	03/24/14 10:00	04/03/14 05:37	1
2,3,7,8-TCDF	0.000019		0.0000011	0.00000029	0.1	0.0000019	mg/kg	☼	03/24/14 10:00	04/03/14 06:18	1
1,2,3,7,8-PeCDF	0.0000065		0.00000057	0.00000011	0.03	0.00000020	mg/kg	☼	03/24/14 10:00	04/03/14 05:37	1
2,3,4,7,8-PeCDF	0.000012	V	0.00000057	0.00000011	0.3	0.0000036	mg/kg	☼	03/24/14 10:00	04/03/14 05:37	1
1,2,3,4,7,8-HxCDF	0.000016	J	0.00000057	0.00000050	0.1	0.0000016	mg/kg	☼	03/24/14 10:00	04/03/14 05:37	1
1,2,3,6,7,8-HxCDF	0.000015	J	0.00000057	0.00000050	0.1	0.0000015	mg/kg	☼	03/24/14 10:00	04/03/14 05:37	1
2,3,4,6,7,8-HxCDF	0.0000082	J V	0.00000057	0.00000050	0.1	0.00000082	mg/kg	☼	03/24/14 10:00	04/03/14 05:37	1
1,2,3,7,8,9-HxCDF	0.00000074	I	0.00000057	0.00000050	0.1	0.00000007	mg/kg	☼	03/24/14 10:00	04/03/14 05:37	1
1,2,3,4,6,7,8-HpCDF	0.000038	V	0.00000057	0.00000040	0.01	0.00000038	mg/kg	☼	03/24/14 10:00	04/03/14 05:37	1
1,2,3,4,7,8,9-HpCDF	0.0000036	I	0.00000057	0.00000050	0.01	0.00000004	mg/kg	☼	03/24/14 10:00	04/03/14 05:37	1
OCDF	0.000046	V	0.000011	0.00000050	0.0003	0.00000001	mg/kg	☼	03/24/14 10:00	04/03/14 05:37	1
Total TEQ (WHO 2005)						**0.000016**					

Internal Standard	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C-2,3,7,8-TCDD	*63*		*40 - 135*	*03/24/14 10:00*	*04/03/14 05:37*	*1*
13C-1,2,3,7,8-PeCDD	*64*		*40 - 135*	*03/24/14 10:00*	*04/03/14 05:37*	*1*
13C-1,2,3,4,7,8-HxCDD	*53*		*40 - 135*	*03/24/14 10:00*	*04/03/14 05:37*	*1*
13C-1,2,3,6,7,8-HxCDD	*51*		*40 - 135*	*03/24/14 10:00*	*04/03/14 05:37*	*1*
13C-1,2,3,4,6,7,8-HpCDD	*62*		*40 - 135*	*03/24/14 10:00*	*04/03/14 05:37*	*1*
13C-OCDD	*55*		*40 - 135*	*03/24/14 10:00*	*04/03/14 05:37*	*1*
13C-2,3,7,8-TCDF	*61*		*40 - 135*	*03/24/14 10:00*	*04/03/14 06:18*	*1*
13C-1,2,3,7,8-PeCDF	*61*		*40 - 135*	*03/24/14 10:00*	*04/03/14 05:37*	*1*
13C-2,3,4,7,8-PeCDF	*56*		*40 - 135*	*03/24/14 10:00*	*04/03/14 05:37*	*1*
13C-1,2,3,4,7,8-HxCDF	*50*		*40 - 135*	*03/24/14 10:00*	*04/03/14 05:37*	*1*
13C-1,2,3,6,7,8-HxCDF	*48*		*40 - 135*	*03/24/14 10:00*	*04/03/14 05:37*	*1*
13C-2,3,4,6,7,8-HxCDF	*50*		*40 - 135*	*03/24/14 10:00*	*04/03/14 05:37*	*1*
13C-1,2,3,7,8,9-HxCDF	*56*		*40 - 135*	*03/24/14 10:00*	*04/03/14 05:37*	*1*
13C-1,2,3,4,6,7,8-HpCDF	*50*		*40 - 135*	*03/24/14 10:00*	*04/03/14 05:37*	*1*
13C-1,2,3,4,7,8,9-HpCDF	*60*		*40 - 135*	*03/24/14 10:00*	*04/03/14 05:37*	*1*
13C-OCDF	*51*		*40 - 135*	*03/24/14 10:00*	*04/03/14 05:37*	*1*

Client Sample ID: SB-33 (0-0.5)
Date Collected: 02/26/14 09:08
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47006-4
Matrix: Solid
Percent Solids: 98

Method: 8290 - Dioxins/Furans, HRGC/HRMS (8290)

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	D	Prepared	Analyzed	Dil Fac
2,3,7,8-TCDD	0.000000020	U	0.0000010	000000020	1	.00000001	mg/kg	☼	03/24/14 10:00	04/03/14 06:39	1
1,2,3,7,8-PeCDD	**0.00000019**	**J I**	0.0000050	000000040	1	.00000019	mg/kg	☼	03/24/14 10:00	04/03/14 06:39	1
1,2,3,4,7,8-HxCDD	**0.00000030**	**J I**	0.0000050	000000030	0.1	.00000003	mg/kg	☼	03/24/14 10:00	04/03/14 06:39	1
1,2,3,6,7,8-HxCDD	**0.00000072**	**J V I**	0.0000050	000000030	0.1	.00000007	mg/kg	☼	03/24/14 10:00	04/03/14 06:39	1
1,2,3,7,8,9-HxCDD	**0.00000057**	**J V I**	0.0000050	000000030	0.1	.00000006	mg/kg	☼	03/24/14 10:00	04/03/14 06:39	1
1,2,3,4,6,7,8-HpCDD	**0.000017**	**V**	0.0000050	000000040	0.01	.00000017	mg/kg	☼	03/24/14 10:00	04/03/14 06:39	1
OCDD	**0.00017**	**V**	0.000010	.00000010	0.0003	.00000005	mg/kg	☼	03/24/14 10:00	04/03/14 06:39	1
2,3,7,8-TCDF	**0.00000056**	**I**	0.0000010	000000040	0.1	.00000006	mg/kg	☼	03/24/14 10:00	04/03/14 06:39	1
1,2,3,7,8-PeCDF	**0.00000032**	**J I**	0.0000050	000000060	0.03	.00000001	mg/kg	☼	03/24/14 10:00	04/03/14 06:39	1
2,3,4,7,8-PeCDF	**0.00000049**	**J V I**	0.0000050	000000050	0.3	.00000015	mg/kg	☼	03/24/14 10:00	04/03/14 06:39	1
1,2,3,4,7,8-HxCDF	**0.00000088**	**J I**	0.0000050	000000030	0.1	.00000009	mg/kg	☼	03/24/14 10:00	04/03/14 06:39	1
1,2,3,6,7,8-HxCDF	**0.0000011**	**J I**	0.0000050	000000030	0.1	.00000011	mg/kg	☼	03/24/14 10:00	04/03/14 06:39	1
2,3,4,6,7,8-HxCDF	**0.00000057**	**J V I**	0.0000050	000000030	0.1	.00000006	mg/kg	☼	03/24/14 10:00	04/03/14 06:39	1
1,2,3,7,8,9-HxCDF	0.000000030	U	0.0000050	000000030	0.1	.00000000	mg/kg	☼	03/24/14 10:00	04/03/14 06:39	1
1,2,3,4,6,7,8-HpCDF	**0.0000053**	**J V**	0.0000050	000000030	0.01	.00000005	mg/kg	☼	03/24/14 10:00	04/03/14 06:39	1
1,2,3,4,7,8,9-HpCDF	**0.00000049**	**I**	0.0000050	000000040	0.01	.00000000	mg/kg	☼	03/24/14 10:00	04/03/14 06:39	1
OCDF	**0.000012**	**J V**	0.000010	000000060	0.0003	.00000000	mg/kg	☼	03/24/14 10:00	04/03/14 06:39	1
Total TEQ (WHO 2005)						**0.0000011**					

Internal Standard	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C-2,3,7,8-TCDD	*66*		*40 - 135*	*03/24/14 10:00*	*04/03/14 06:39*	*1*
13C-1,2,3,7,8-PeCDD	*77*		*40 - 135*	*03/24/14 10:00*	*04/03/14 06:39*	*1*
13C-1,2,3,4,7,8-HxCDD	*66*		*40 - 135*	*03/24/14 10:00*	*04/03/14 06:39*	*1*
13C-1,2,3,6,7,8-HxCDD	*63*		*40 - 135*	*03/24/14 10:00*	*04/03/14 06:39*	*1*
13C-1,2,3,4,6,7,8-HpCDD	*78*		*40 - 135*	*03/24/14 10:00*	*04/03/14 06:39*	*1*
13C-OCDD	*75*		*40 - 135*	*03/24/14 10:00*	*04/03/14 06:39*	*1*
13C-2,3,7,8-TCDF	*67*		*40 - 135*	*03/24/14 10:00*	*04/03/14 06:39*	*1*
13C-1,2,3,7,8-PeCDF	*68*		*40 - 135*	*03/24/14 10:00*	*04/03/14 06:39*	*1*
13C-2,3,4,7,8-PeCDF	*67*		*40 - 135*	*03/24/14 10:00*	*04/03/14 06:39*	*1*
13C-1,2,3,4,7,8-HxCDF	*60*		*40 - 135*	*03/24/14 10:00*	*04/03/14 06:39*	*1*
13C-1,2,3,6,7,8-HxCDF	*56*		*40 - 135*	*03/24/14 10:00*	*04/03/14 06:39*	*1*
13C-2,3,4,6,7,8-HxCDF	*66*		*40 - 135*	*03/24/14 10:00*	*04/03/14 06:39*	*1*
13C-1,2,3,7,8,9-HxCDF	*68*		*40 - 135*	*03/24/14 10:00*	*04/03/14 06:39*	*1*
13C-1,2,3,4,6,7,8-HpCDF	*63*		*40 - 135*	*03/24/14 10:00*	*04/03/14 06:39*	*1*
13C-1,2,3,4,7,8,9-HpCDF	*76*		*40 - 135*	*03/24/14 10:00*	*04/03/14 06:39*	*1*
13C-OCDF	*62*		*40 - 135*	*03/24/14 10:00*	*04/03/14 06:39*	*1*

Client Sample ID: SB-33 (1-2)
Date Collected: 02/26/14 09:12
Date Received: 02/27/14 09:05

Lab Sample ID: 640-47006-6
Matrix: Solid
Percent Solids: 92.9

Method: 8290 - Dioxins/Furans, HRGC/HRMS (8290)

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	D	Prepared	Analyzed	Dil Fac
2,3,7,8-TCDD	0.0000015		0.0000010	).00000012	1	0.0000015	mg/kg	☼	03/24/14 10:00	04/03/14 10:55	1
1,2,3,7,8-PeCDD	0.0000033	J I	0.0000053	000000070	1	0.0000033	mg/kg	☼	03/24/14 10:00	04/03/14 10:55	1
1,2,3,4,7,8-HxCDD	0.0000018	I	0.0000053	000000020	0.1	).00000018	mg/kg	☼	03/24/14 10:00	04/03/14 10:55	1
1,2,3,6,7,8-HxCDD	0.0000047	V I	0.0000053	000000030	0.1	).00000047	mg/kg	☼	03/24/14 10:00	04/03/14 10:55	1
1,2,3,7,8,9-HxCDD	0.0000056	C V	0.0000053	000000020	0.1	).00000056	mg/kg	☼	03/24/14 10:00	04/03/14 10:55	1
1,2,3,4,6,7,8-HpCDD	0.000026	V	0.0000053	000000030	0.01	).00000026	mg/kg	☼	03/24/14 10:00	04/03/14 10:55	1
OCDD	0.000080	V	0.000011	000000020	0.0003	).00000002	mg/kg	☼	03/24/14 10:00	04/03/14 10:55	1
2,3,7,8-TCDF	0.000019		0.0000010	).00000024	0.1	0.0000019	mg/kg	☼	03/24/14 10:00	04/03/14 07:21	1
1,2,3,7,8-PeCDF	0.000011		0.0000053	).00000011	0.03	).00000033	mg/kg	☼	03/24/14 10:00	04/03/14 10:55	1
2,3,4,7,8-PeCDF	0.000017	V	0.0000053	).00000011	0.3	0.0000051	mg/kg	☼	03/24/14 10:00	04/03/14 10:55	1
1,2,3,4,7,8-HxCDF	0.000035	J	0.0000053	000000050	0.1	0.0000035	mg/kg	☼	03/24/14 10:00	04/03/14 10:55	1
1,2,3,6,7,8-HxCDF	0.000011	J	0.0000053	000000040	0.1	0.0000011	mg/kg	☼	03/24/14 10:00	04/03/14 10:55	1
2,3,4,6,7,8-HxCDF	0.000013	V	0.0000053	000000040	0.1	0.0000013	mg/kg	☼	03/24/14 10:00	04/03/14 10:55	1
1,2,3,7,8,9-HxCDF	0.00000043	J I	0.0000053	000000050	0.1	).00000004	mg/kg	☼	03/24/14 10:00	04/03/14 10:55	1
1,2,3,4,6,7,8-HpCDF	0.000048	V	0.0000053	000000020	0.01	).00000048	mg/kg	☼	03/24/14 10:00	04/03/14 10:55	1
1,2,3,4,7,8,9-HpCDF	0.0000027	I	0.0000053	000000030	0.01	).00000003	mg/kg	☼	03/24/14 10:00	04/03/14 10:55	1
OCDF	0.000011	J V	0.000011	000000010	0.0003	).00000000	mg/kg	☼	03/24/14 10:00	04/03/14 10:55	1
Total TEQ (WHO 2005)						**0.000020**					

Internal Standard	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C-2,3,7,8-TCDD	*64*		*40 - 135*	*03/24/14 10:00*	*04/03/14 10:55*	*1*
13C-1,2,3,7,8-PeCDD	*74*		*40 - 135*	*03/24/14 10:00*	*04/03/14 10:55*	*1*
13C-1,2,3,4,7,8-HxCDD	*71*		*40 - 135*	*03/24/14 10:00*	*04/03/14 10:55*	*1*
13C-1,2,3,6,7,8-HxCDD	*65*		*40 - 135*	*03/24/14 10:00*	*04/03/14 10:55*	*1*
13C-1,2,3,4,6,7,8-HpCDD	*84*		*40 - 135*	*03/24/14 10:00*	*04/03/14 10:55*	*1*
13C-OCDD	*81*		*40 - 135*	*03/24/14 10:00*	*04/03/14 10:55*	*1*
13C-2,3,7,8-TCDF	*70*		*40 - 135*	*03/24/14 10:00*	*04/03/14 07:21*	*1*
13C-1,2,3,7,8-PeCDF	*68*		*40 - 135*	*03/24/14 10:00*	*04/03/14 10:55*	*1*
13C-2,3,4,7,8-PeCDF	*65*		*40 - 135*	*03/24/14 10:00*	*04/03/14 10:55*	*1*
13C-1,2,3,4,7,8-HxCDF	*62*		*40 - 135*	*03/24/14 10:00*	*04/03/14 10:55*	*1*
13C-1,2,3,6,7,8-HxCDF	*62*		*40 - 135*	*03/24/14 10:00*	*04/03/14 10:55*	*1*
13C-2,3,4,6,7,8-HxCDF	*71*		*40 - 135*	*03/24/14 10:00*	*04/03/14 10:55*	*1*
13C-1,2,3,7,8,9-HxCDF	*72*		*40 - 135*	*03/24/14 10:00*	*04/03/14 10:55*	*1*
13C-1,2,3,4,6,7,8-HpCDF	*66*		*40 - 135*	*03/24/14 10:00*	*04/03/14 10:55*	*1*
13C-1,2,3,4,7,8,9-HpCDF	*68*		*40 - 135*	*03/24/14 10:00*	*04/03/14 10:55*	*1*
13C-OCDF	*60*		*40 - 135*	*03/24/14 10:00*	*04/03/14 10:55*	*1*

Internal Standards Summary

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-46930-3

Method: 8290 - Dioxins/Furans, HRGC/HRMS (8290)

Matrix: Solid **Prep Type: Total**

		Percent Internal Standard Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	TCDD (40-135)	1,2,3,7,8-Pe (40-135)	,2,3,4,7,8-H (40-135)	,2,3,6,7,8-H (40-135)	2,3,4,6,7,8-H (40-135)	13C-OCDD (40-135)	TCDF (40-135)	1,2,3,7,8-Pe (40-135)
640-46930-7	SB-42 (0-0.5)	64	66	61	55	70	65	66	62
640-46930-10	SB-42 (1.5-2)	64	71	67	62	73	66		65
640-46930-10	SB-42 (1.5-2)							75	
640-46930-14	SB-44 (0-0.5)	54	57	54	54	58	48		51
640-46930-14	SB-44 (0-0.5)							57	
640-46930-16	SB-44 (1-2)	68	64	65	63	73	70		58
640-46930-16	SB-44 (1-2)							72	
640-46968-6	SB-20 (0-0.5)	68	71	74	71	85	87		69
640-46968-6	SB-20 (0-0.5)							71	
640-46968-7	SB-20 (0.5-2)	69	82	66	63	79	84		69
640-46968-7	SB-20 (0.5-2)							72	
640-46968-19	SB-26 (0-0.5)	62	75	70	70	82	87		69
640-46968-19	SB-26 (0-0.5)							71	
640-46968-21	SB-26 (1-2)	56	63	60	60	68	67		57
640-46968-21	SB-26 (1-2)							62	
640-46973-4	SB-28 (0-0.5)	72	77	61	68	77	72	70	74
640-46973-5	SB-28 (0.5-2)	63	68	68	66	77	79		64
640-46973-5	SB-28 (0.5-2)							69	
640-46973-10	SB-31 (0-1)	67	81	68	62	79	88		64
640-46973-10	SB-31 (0-1)							68	
640-46973-11	SB-31 (1-2)	63	84	66	62	72	76	65	72
640-47002-1	SB-72 (0-0.5)	65	77	69	67	80	75		66
640-47002-1	SB-72 (0-0.5)							72	
640-47002-2	SB-72 (0.5-1)	71	74	67	65	78	79	66	69
640-47003-10	SB-80 (0-0.5)	62	71	65	62	74	68		68
640-47003-10	SB-80 (0-0.5)							66	
640-47003-11	SB-80 (0.5-1)	63	71	64	62	72	72		66
640-47003-11	SB-80 (0.5-1)							66	
640-47004-4	SB-70 (0-0.5)	62	62	55	51	61	59		60
640-47004-4	SB-70 (0-0.5)							60	
640-47004-5	SB-70 (0.5-1)	63	73	63	56	70	68		66
640-47004-5	SB-70 (0.5-1)							66	
640-47004-6	SB-70 (1-2)	63	76	66	62	77	77		71
640-47004-6	SB-70 (1-2)							68	
640-47005-1	SB-36 (0-0.5)	63	74	67	65	72	71		66
640-47005-3	SB-36 (1-2)	67	72	64	66	74	77		73
640-47005-3	SB-36 (1-2)							70	
640-47005-7	SB-38 (0-0.5)	60	65	52	50	63	58		59
640-47005-7	SB-38 (0-0.5)							61	
640-47005-8	SB-38 (0.5-1)	63	64	53	51	62	55		61
640-47005-8	SB-38 (0.5-1)							61	
640-47006-4	SB-33 (0-0.5)	66	77	66	63	78	75	67	68
640-47006-6	SB-33 (1-2)							70	
640-47006-6	SB-33 (1-2)	64	74	71	65	84	81		68
H4C210408008D	SB-31 (1-2)	63	83	64	63	79	80	65	72
H4C210408008S	SB-31 (1-2)	60	78	67	67	75	80	62	66
H4C210408014D	SB-72 (0.5-1)	56	71	56	60	66	68	64	61
H4C210408014S	SB-72 (0.5-1)	65	72	61	56	70	72	64	64
H4C240000015B	Method Blank	64	74	71	68	78	76	66	68

Internal Standards Summary

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-46930-3

Method: 8290 - Dioxins/Furans, HRGC/HRMS (8290) (Continued)

Matrix: Solid **Prep Type: Total**

		Percent Internal Standard Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	TCDD (40-135)	1,2,3,7,8-Pe (40-135)	,2,3,4,7,8-H (40-135)	,2,3,6,7,8-H (40-135)	2,3,4,6,7,8-H (40-135)	13C-OCDD (40-135)	TCDF (40-135)	1,2,3,7,8-Pe (40-135)
H4C240000015C	Lab Control Sample	64	77	66	63	75	77	59	71
H4C240000028B	Method Blank	64	71	69	73	77	73	66	68
H4C240000028C	Lab Control Sample	65	66	73	69	81	82	66	62

		Percent Internal Standard Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PeCDF2 (40-135)	,2,3,4,7,8-H (40-135)	HxCDF2 (40-135)	HxCDF3 (40-135)	HxCDF4 (40-135)	2,3,4,6,7,8-H (40-135)	2,3,4,7,8,9-H (40-135)	13C-OCDF (40-135)
640-46930-7	SB-42 (0-0.5)	58	56	60	59	60	59	64	56
640-46930-10	SB-42 (1.5-2)	63	62	61	63	65	64	70	59
640-46930-10	SB-42 (1.5-2)								
640-46930-14	SB-44 (0-0.5)	52	53	52	57	56	56	54	47
640-46930-14	SB-44 (0-0.5)								
640-46930-16	SB-44 (1-2)	65	64	59	72	66	59	66	61
640-46930-16	SB-44 (1-2)								
640-46968-6	SB-20 (0-0.5)	67	60	61	70	69	67	69	67
640-46968-6	SB-20 (0-0.5)								
640-46968-7	SB-20 (0.5-2)	67	58	59	66	67	62	65	63
640-46968-7	SB-20 (0.5-2)								
640-46968-19	SB-26 (0-0.5)	68	62	60	68	65	65	67	65
640-46968-19	SB-26 (0-0.5)								
640-46968-21	SB-26 (1-2)	54	54	53	58	59	60	57	50
640-46968-21	SB-26 (1-2)								
640-46973-4	SB-28 (0-0.5)	67	63	67	69	67	69	70	65
640-46973-5	SB-28 (0.5-2)	63	58	56	65	65	64	69	61
640-46973-5	SB-28 (0.5-2)								
640-46973-10	SB-31 (0-1)	66	62	60	63	61	69	66	70
640-46973-10	SB-31 (0-1)								
640-46973-11	SB-31 (1-2)	74	61	58	62	62	65	58	50
640-47002-1	SB-72 (0-0.5)	65	58	57	66	68	64	66	61
640-47002-1	SB-72 (0-0.5)								
640-47002-2	SB-72 (0.5-1)	68	62	59	62	67	63	71	64
640-47003-10	SB-80 (0-0.5)	63	58	58	61	63	61	68	61
640-47003-10	SB-80 (0-0.5)								
640-47003-11	SB-80 (0.5-1)	60	55	58	62	68	60	66	64
640-47003-11	SB-80 (0.5-1)								
640-47004-4	SB-70 (0-0.5)	55	48	47	52	55	48	55	50
640-47004-4	SB-70 (0-0.5)								
640-47004-5	SB-70 (0.5-1)	65	54	52	59	64	57	62	60
640-47004-5	SB-70 (0.5-1)								
640-47004-6	SB-70 (1-2)	70	59	58	65	69	62	64	53
640-47004-6	SB-70 (1-2)								
640-47005-1	SB-36 (0-0.5)	65	60	59	69	67	63	67	60
640-47005-3	SB-36 (1-2)	66	63	62	67	73	63	71	69
640-47005-3	SB-36 (1-2)								
640-47005-7	SB-38 (0-0.5)	57	49	46	51	55	52	60	53
640-47005-7	SB-38 (0-0.5)								
640-47005-8	SB-38 (0.5-1)	56	50	48	50	56	50	60	51
640-47005-8	SB-38 (0.5-1)								
640-47006-4	SB-33 (0-0.5)	67	60	56	66	68	63	76	62
640-47006-6	SB-33 (1-2)								

Method: 8290 - Dioxins/Furans, HRGC/HRMS (8290) (Continued)

Matrix: Solid **Prep Type: Total**

		Percent Internal Standard Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PeCDF2 (40-135)	,2,3,4,7,8-H (40-135)	HxCDF2 (40-135)	HxCDF3 (40-135)	HxCDF4 (40-135)	2,3,4,6,7,8-H (40-135)	2,3,4,7,8,9-H (40-135)	13C-OCDF (40-135)
640-47006-6	SB-33 (1-2)	65	62	62	71	72	66	68	60
H4C210408008D	SB-31 (1-2)	72	60	58	64	60	67	63	62
H4C210408008S	SB-31 (1-2)	67	64	59	65	61	61	59	59
H4C210408014D	SB-72 (0.5-1)	59	54	52	57	59	51	61	56
H4C210408014S	SB-72 (0.5-1)	65	53	52	60	62	56	64	58
H4C240000015B	Method Blank	65	67	67	71	77	68	76	68
H4C240000015C	Lab Control Sample	68	60	57	64	67	62	63	62
H4C240000028B	Method Blank	62	70	70	72	70	73	67	61
H4C240000028C	Lab Control Sample	60	63	59	63	64	75	64	59

Internal Standard Legend

TCDD = 13C-2,3,7,8-TCDD
13C-1,2,3,7,8-PeCDD = 13C-1,2,3,7,8-PeCDD
13C-1,2,3,4,7,8-HxCDD = 13C-1,2,3,4,7,8-HxCDD
13C-1,2,3,6,7,8-HxCDD = 13C-1,2,3,6,7,8-HxCDD
13C-1,2,3,4,6,7,8-HpCDD = 13C-1,2,3,4,6,7,8-HpCDD
13C-OCDD = 13C-OCDD
TCDF = 13C-2,3,7,8-TCDF
13C-1,2,3,7,8-PeCDF = 13C-1,2,3,7,8-PeCDF
PeCDF2 = 13C-2,3,4,7,8-PeCDF
13C-1,2,3,4,7,8-HxCDF = 13C-1,2,3,4,7,8-HxCDF
HxCDF2 = 13C-1,2,3,6,7,8-HxCDF
HxCDF3 = 13C-2,3,4,6,7,8-HxCDF
HxCDF4 = 13C-1,2,3,7,8,9-HxCDF
13C-1,2,3,4,6,7,8-HpCDF = 13C-1,2,3,4,6,7,8-HpCDF
13C-1,2,3,4,7,8,9-HpCDF = 13C-1,2,3,4,7,8,9-HpCDF
13C-OCDF = 13C-OCDF

Method: 8290 - Dioxins/Furans, HRGC/HRMS (8290)

Lab Sample ID: H4C240000015B
Matrix: Solid
Analysis Batch: 4083015

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 4083015_P

Analyte	MB Result	MB Qualifier	ML	EDL	TEF	TEQ	Unit	D	Prepared	Analyzed	Dil Fac
2,3,7,8-TCDD	0.00	U	0.000001 0	0.00	1	0.00000000	mg/kg		03/24/14 10:00	04/02/14 09:49	1
1,2,3,7,8-PeCDD	0.00	U	0.0000050	0.00	1	0.00000000	mg/kg		03/24/14 10:00	04/02/14 09:49	1
1,2,3,4,7,8-HxCDD	0.000000010	U	0.0000050	0.0000010	0.1	0.00000000	mg/kg		03/24/14 10:00	04/02/14 09:49	1
1,2,3,6,7,8-HxCDD	0.000000030	J I	0.0000050	0.0000010	0.1	0.00000000	mg/kg		03/24/14 10:00	04/02/14 09:49	1
1,2,3,7,8,9-HxCDD	0.000000020	J I	0.0000050	0.0000010	0.1	0.00000000	mg/kg		03/24/14 10:00	04/02/14 09:49	1
1,2,3,4,6,7,8-HpCDD	0.000000080	J I	0.0000050	0.0000010	0.01	0.00000000	mg/kg		03/24/14 10:00	04/02/14 09:49	1
OCDD	0.00000040	I	0.000010	0.00	0.0003	0.00000000	mg/kg		03/24/14 10:00	04/02/14 09:49	1
2,3,7,8-TCDF	0.00	U	0.0000010	0.00	0.1	0.00000000	mg/kg		03/24/14 10:00	04/02/14 09:49	1
1,2,3,7,8-PeCDF	0.000000010	U	0.0000050	0.0000010	0.03	0.00000000	mg/kg		03/24/14 10:00	04/02/14 09:49	1
2,3,4,7,8-PeCDF	0.000000010	J I	0.0000050	0.0000010	0.3	0.00000000	mg/kg		03/24/14 10:00	04/02/14 09:49	1
1,2,3,4,7,8-HxCDF	0.000000010	U	0.0000050	0.0000010	0.1	0.00000000	mg/kg		03/24/14 10:00	04/02/14 09:49	1
1,2,3,6,7,8-HxCDF	0.000000010	U	0.0000050	0.0000010	0.1	0.00000000	mg/kg		03/24/14 10:00	04/02/14 09:49	1
2,3,4,6,7,8-HxCDF	0.000000020	J I	0.0000050	0.0000010	0.1	0.00000000	mg/kg		03/24/14 10:00	04/02/14 09:49	1
1,2,3,7,8,9-HxCDF	0.000000010	U	0.0000050	0.0000010	0.1	0.00000000	mg/kg		03/24/14 10:00	04/02/14 09:49	1
1,2,3,4,6,7,8-HpCDF	0.000000050	J I	0.0000050	0.00	0.01	0.00000000	mg/kg		03/24/14 10:00	04/02/14 09:49	1
1,2,3,4,7,8,9-HpCDF	0.00	U	0.0000050	0.00	0.01	0.00000000	mg/kg		03/24/14 10:00	04/02/14 09:49	1
OCDF	0.00000019	I	0.000010	0.00	0.0003	0.00000000	mg/kg		03/24/14 10:00	04/02/14 09:49	1
Total TEQ						**0.00**					

Internal Standard	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C-2,3,7,8-TCDD	*64*		*40 - 135*	*03/24/14 10:00*	*04/02/14 09:49*	*1*
13C-1,2,3,7,8-PeCDD	*74*		*40 - 135*	*03/24/14 10:00*	*04/02/14 09:49*	*1*
13C-1,2,3,4,7,8-HxCDD	*71*		*40 - 135*	*03/24/14 10:00*	*04/02/14 09:49*	*1*
13C-1,2,3,6,7,8-HxCDD	*68*		*40 - 135*	*03/24/14 10:00*	*04/02/14 09:49*	*1*
13C-1,2,3,4,6,7,8-HpCDD	*78*		*40 - 135*	*03/24/14 10:00*	*04/02/14 09:49*	*1*
13C-OCDD	*76*		*40 - 135*	*03/24/14 10:00*	*04/02/14 09:49*	*1*
13C-2,3,7,8-TCDF	*66*		*40 - 135*	*03/24/14 10:00*	*04/02/14 09:49*	*1*
13C-1,2,3,7,8-PeCDF	*68*		*40 - 135*	*03/24/14 10:00*	*04/02/14 09:49*	*1*
13C-2,3,4,7,8-PeCDF	*65*		*40 - 135*	*03/24/14 10:00*	*04/02/14 09:49*	*1*
13C-1,2,3,4,7,8-HxCDF	*67*		*40 - 135*	*03/24/14 10:00*	*04/02/14 09:49*	*1*
13C-1,2,3,6,7,8-HxCDF	*67*		*40 - 135*	*03/24/14 10:00*	*04/02/14 09:49*	*1*
13C-2,3,4,6,7,8-HxCDF	*71*		*40 - 135*	*03/24/14 10:00*	*04/02/14 09:49*	*1*
13C-1,2,3,7,8,9-HxCDF	*77*		*40 - 135*	*03/24/14 10:00*	*04/02/14 09:49*	*1*
13C-1,2,3,4,6,7,8-HpCDF	*68*		*40 - 135*	*03/24/14 10:00*	*04/02/14 09:49*	*1*
13C-1,2,3,4,7,8,9-HpCDF	*76*		*40 - 135*	*03/24/14 10:00*	*04/02/14 09:49*	*1*
13C-OCDF	*68*		*40 - 135*	*03/24/14 10:00*	*04/02/14 09:49*	*1*

Lab Sample ID: H4C240000015C
Matrix: Solid
Analysis Batch: 4083015

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 4083015_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,3,7,8-TCDD	0.0000200	0.0000197		mg/kg		99	79 - 129
1,2,3,7,8-PeCDD	0.000100	0.0000945		mg/kg		94	79 - 129
1,2,3,4,7,8-HxCDD	0.000100	0.0000971		mg/kg		97	73 - 123
1,2,3,6,7,8-HxCDD	0.000100	0.0000960	V	mg/kg		96	74 - 124
1,2,3,7,8,9-HxCDD	0.000100	0.000105	V	mg/kg		105	70 - 124

Method: 8290 - Dioxins/Furans, HRGC/HRMS (8290) (Continued)

Lab Sample ID: H4C240000015C
Matrix: Solid
Analysis Batch: 4083015

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 4083015_P

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,2,3,4,6,7,8-HpCDD			0.000100	0.0000945	V	mg/kg		94	73 - 123		
OCDD			0.000200	0.000191	V	mg/kg		95	75 - 125		
2,3,7,8-TCDF			0.0000200	0.0000208		mg/kg		104	75 - 125		
1,2,3,7,8-PeCDF			0.000100	0.0000919		mg/kg		92	74 - 124		
2,3,4,7,8-PeCDF			0.000100	0.0000934	V	mg/kg		93	75 - 125		
1,2,3,4,7,8-HxCDF			0.000100	0.0000958		mg/kg		96	75 - 125		
1,2,3,6,7,8-HxCDF			0.000100	0.000100		mg/kg		100	76 - 126		
2,3,4,6,7,8-HxCDF			0.000100	0.000101	V	mg/kg		101	76 - 126		
1,2,3,7,8,9-HxCDF			0.000100	0.0000958		mg/kg		96	77 - 127		
1,2,3,4,6,7,8-HpCDF			0.000100	0.0000952	V	mg/kg		95	77 - 127		
1,2,3,4,7,8,9-HpCDF			0.000100	0.0000968		mg/kg		97	73 - 123		
OCDF			0.000200	0.000193	V	mg/kg		97	49 - 128		

Internal Standard	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C-2,3,7,8-TCDD	*64*		*40 - 135*
13C-1,2,3,7,8-PeCDD	*77*		*40 - 135*
13C-1,2,3,4,7,8-HxCDD	*66*		*40 - 135*
13C-1,2,3,6,7,8-HxCDD	*63*		*40 - 135*
13C-1,2,3,4,6,7,8-HpCDD	*75*		*40 - 135*
13C-OCDD	*77*		*40 - 135*
13C-2,3,7,8-TCDF	*59*		*40 - 135*
13C-1,2,3,7,8-PeCDF	*71*		*40 - 135*
13C-2,3,4,7,8-PeCDF	*68*		*40 - 135*
13C-1,2,3,4,7,8-HxCDF	*60*		*40 - 135*
13C-1,2,3,6,7,8-HxCDF	*57*		*40 - 135*
13C-2,3,4,6,7,8-HxCDF	*64*		*40 - 135*
13C-1,2,3,7,8,9-HxCDF	*67*		*40 - 135*
13C-1,2,3,4,6,7,8-HpCDF	*62*		*40 - 135*
13C-1,2,3,4,7,8,9-HpCDF	*63*		*40 - 135*
13C-OCDF	*62*		*40 - 135*

Lab Sample ID: H4C210408014D
Matrix: Solid
Analysis Batch: 4083015

Client Sample ID: SB-72 (0.5-1)
Prep Type: Total
Prep Batch: 4083015_P

Analyte	Sample Result	Sample Qualifier	Spike Added	SD1 Result	SD1 Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,3,7,8-TCDD	0.00000077	I	0.0000229	0.0000234		mg/kg	☼	99	79 - 129	4.8	15
1,2,3,7,8-PeCDD	0.0000029	I	0.000114	0.000107		mg/kg	☼	91	79 - 129	3.5	15
1,2,3,4,7,8-HxCDD	0.0000020	I	0.000114	0.000117		mg/kg	☼	100	73 - 123	4.1	15
1,2,3,6,7,8-HxCDD	0.000011	V	0.000114	0.000117	V	mg/kg	☼	93	73 - 127	7.2	15
1,2,3,7,8,9-HxCDD	0.0000077	C V	0.000114	0.000128	V	mg/kg	☼	105	65 - 141	2.7	15
1,2,3,4,6,7,8-HpCDD	0.00016	V	0.000114	0.000232	V	mg/kg	☼	67	54 - 138	13	15
OCDD	0.0014	V	0.000229	0.00137	J V	mg/kg	☼	0.79	31 - 154	13	15
2,3,7,8-TCDF	0.0000080	C	0.0000229	0.0000275	C	mg/kg	☼	85	75 - 125	11	15
1,2,3,7,8-PeCDF	0.0000055	I	0.000114	0.000113		mg/kg	☼	94	74 - 124	1.1	15
2,3,4,7,8-PeCDF	0.0000048	J V I	0.000114	0.000121	V	mg/kg	☼	101	75 - 125	4.1	15
1,2,3,4,7,8-HxCDF	0.0000074	J	0.000114	0.000121		mg/kg	☼	99	75 - 125	2.2	15
1,2,3,6,7,8-HxCDF	0.000011	J	0.000114	0.000123	J	mg/kg	☼	98	73 - 131	1.3	15

Method: 8290 - Dioxins/Furans, HRGC/HRMS (8290) (Continued)

Lab Sample ID: H4C210408014D — **Client Sample ID: SB-72 (0.5-1)**
Matrix: Solid — **Prep Type: Total**
Analysis Batch: 4083015 — **Prep Batch: 4083015_P**

Analyte	Sample Result	Sample Qualifier	Spike Added	SD1 Result	SD1 Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,3,4,6,7,8-HxCDF	0.0000035	V I	0.000114	0.000118	V	mg/kg	☼	100	76 - 129	1.4	15
1,2,3,7,8,9-HxCDF	0.00000037	I	0.000114	0.000115		mg/kg	☼	100	77 - 127	3.0	15
1,2,3,4,6,7,8-HpCDF	0.000052	V	0.000114	0.000154	V	mg/kg	☼	90	72 - 134	3.5	15
1,2,3,4,7,8,9-HpCDF	0.0000022	I	0.000114	0.000113		mg/kg	☼	96	73 - 124	1.9	15
OCDF	0.000069	V	0.000229	0.000284	V	mg/kg	☼	94	45 - 135	2.2	15

Internal Standard	*SD1 %Recovery*	*SD1 Qualifier*	*Limits*
13C-2,3,7,8-TCDD	*56*		*40 - 135*
13C-1,2,3,7,8-PeCDD	*71*		*40 - 135*
13C-1,2,3,4,7,8-HxCDD	*56*		*40 - 135*
13C-1,2,3,6,7,8-HxCDD	*60*		*40 - 135*
13C-1,2,3,4,6,7,8-HpCDD	*66*		*40 - 135*
13C-OCDD	*68*		*40 - 135*
13C-2,3,7,8-TCDF	*64*		*40 - 135*
13C-1,2,3,7,8-PeCDF	*61*		*40 - 135*
13C-2,3,4,7,8-PeCDF	*59*		*40 - 135*
13C-1,2,3,4,7,8-HxCDF	*54*		*40 - 135*
13C-1,2,3,6,7,8-HxCDF	*52*		*40 - 135*
13C-2,3,4,6,7,8-HxCDF	*57*		*40 - 135*
13C-1,2,3,7,8,9-HxCDF	*59*		*40 - 135*
13C-1,2,3,4,6,7,8-HpCDF	*51*		*40 - 135*
13C-1,2,3,4,7,8,9-HpCDF	*61*		*40 - 135*
13C-OCDF	*56*		*40 - 135*

Lab Sample ID: H4C210408014S — **Client Sample ID: SB-72 (0.5-1)**
Matrix: Solid — **Prep Type: Total**
Analysis Batch: 4083015 — **Prep Batch: 4083015_P**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS1 Result	MS1 Qualifier	Unit	D	%Rec	%Rec. Limits
2,3,7,8-TCDD	0.00000077	I	0.0000229	0.0000246		mg/kg	☼	104	79 - 129
1,2,3,7,8-PeCDD	0.0000029	I	0.000114	0.000111		mg/kg	☼	95	79 - 129
1,2,3,4,7,8-HxCDD	0.0000020	I	0.000114	0.000112		mg/kg	☼	96	73 - 123
1,2,3,6,7,8-HxCDD	0.000011	V	0.000114	0.000126	V	mg/kg	☼	100	73 - 127
1,2,3,7,8,9-HxCDD	0.0000077	C V	0.000114	0.000131	V	mg/kg	☼	108	65 - 141
1,2,3,4,6,7,8-HpCDD	0.00016	V	0.000114	0.000265	V	mg/kg	☼	95	54 - 138
OCDD	0.0014	V	0.000229	0.00156	V	mg/kg	☼	85	31 - 154
2,3,7,8-TCDF	0.0000080	C	0.0000229	0.0000308	C	mg/kg	☼	99	75 - 125
1,2,3,7,8-PeCDF	0.0000055	I	0.000114	0.000112		mg/kg	☼	93	74 - 124
2,3,4,7,8-PeCDF	0.0000048	J V I	0.000114	0.000116	V	mg/kg	☼	97	75 - 125
1,2,3,4,7,8-HxCDF	0.0000074	J	0.000114	0.000123		mg/kg	☼	101	75 - 125
1,2,3,6,7,8-HxCDF	0.000011	J	0.000114	0.000125	J	mg/kg	☼	99	73 - 131
2,3,4,6,7,8-HxCDF	0.0000035	V I	0.000114	0.000116	V	mg/kg	☼	98	76 - 129
1,2,3,7,8,9-HxCDF	0.00000037	I	0.000114	0.000111		mg/kg	☼	97	77 - 127
1,2,3,4,6,7,8-HpCDF	0.000052	V	0.000114	0.000160	V	mg/kg	☼	95	72 - 134
1,2,3,4,7,8,9-HpCDF	0.0000022	I	0.000114	0.000115		mg/kg	☼	98	73 - 124
OCDF	0.000069	V	0.000229	0.000290	V	mg/kg	☼	97	45 - 135

Method: 8290 - Dioxins/Furans, HRGC/HRMS (8290) (Continued)

Lab Sample ID: H4C210408014S
Matrix: Solid
Analysis Batch: 4083015

Client Sample ID: SB-72 (0.5-1)
Prep Type: Total
Prep Batch: 4083015_P

Internal Standard	MS1 %Recovery	MS1 Qualifier	Limits
13C-2,3,7,8-TCDD	65		40 - 135
13C-1,2,3,7,8-PeCDD	72		40 - 135
13C-1,2,3,4,7,8-HxCDD	61		40 - 135
13C-1,2,3,6,7,8-HxCDD	56		40 - 135
13C-1,2,3,4,6,7,8-HpCDD	70		40 - 135
13C-OCDD	72		40 - 135
13C-2,3,7,8-TCDF	64		40 - 135
13C-1,2,3,7,8-PeCDF	64		40 - 135
13C-2,3,4,7,8-PeCDF	65		40 - 135
13C-1,2,3,4,7,8-HxCDF	53		40 - 135
13C-1,2,3,6,7,8-HxCDF	52		40 - 135
13C-2,3,4,6,7,8-HxCDF	60		40 - 135
13C-1,2,3,7,8,9-HxCDF	62		40 - 135
13C-1,2,3,4,6,7,8-HpCDF	56		40 - 135
13C-1,2,3,4,7,8,9-HpCDF	64		40 - 135
13C-OCDF	58		40 - 135

Lab Sample ID: H4C240000028B
Matrix: Solid
Analysis Batch: 4083028

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 4083028_P

Analyte	MB Result	MB Qualifier	ML	EDL	TEF	TEQ	Unit	D	Prepared	Analyzed	Dil Fac
2,3,7,8-TCDD	0.000000050	U	0.0000010	000000050	1	.00000003	mg/kg		03/24/14 13:40	03/31/14 22:40	1
1,2,3,7,8-PeCDD	0.00000010	I	0.0000050	00000010	1	.00000010	mg/kg		03/24/14 13:40	03/31/14 22:40	1
1,2,3,4,7,8-HxCDD	0.000000010	U	0.0000050	00000010	0.1	.00000000	mg/kg		03/24/14 13:40	03/31/14 22:40	1
1,2,3,6,7,8-HxCDD	0.000000020	U	0.0000050	00000020	0.1	.00000000	mg/kg		03/24/14 13:40	03/31/14 22:40	1
1,2,3,7,8,9-HxCDD	0.000000030	J I	0.0000050	00000010	0.1	.00000000	mg/kg		03/24/14 13:40	03/31/14 22:40	1
1,2,3,4,6,7,8-HpCDD	0.000000080	J I	0.0000050	00000010	0.01	.00000000	mg/kg		03/24/14 13:40	03/31/14 22:40	1
OCDD	0.00000030	J I	0.000010	00000010	0.0003	.00000000	mg/kg		03/24/14 13:40	03/31/14 22:40	1
2,3,7,8-TCDF	0.000000010	U	0.0000010	00000010	0.1	.00000000	mg/kg		03/24/14 13:40	03/31/14 22:40	1
1,2,3,7,8-PeCDF	0.000000010	U	0.0000050	00000010	0.03	.00000000	mg/kg		03/24/14 13:40	03/31/14 22:40	1
2,3,4,7,8-PeCDF	0.000000010	J I	0.0000050	00000010	0.3	.00000000	mg/kg		03/24/14 13:40	03/31/14 22:40	1
1,2,3,4,7,8-HxCDF	0.000000080	J I	0.0000050	00000010	0.1	.00000001	mg/kg		03/24/14 13:40	03/31/14 22:40	1
1,2,3,6,7,8-HxCDF	0.000000070	J I	0.0000050	00000010	0.1	.00000001	mg/kg		03/24/14 13:40	03/31/14 22:40	1
2,3,4,6,7,8-HxCDF	0.000000040	J I	0.0000050	00000010	0.1	.00000000	mg/kg		03/24/14 13:40	03/31/14 22:40	1
1,2,3,7,8,9-HxCDF	0.000000060	J I	0.0000050	00000010	0.1	.00000001	mg/kg		03/24/14 13:40	03/31/14 22:40	1
1,2,3,4,6,7,8-HpCDF	0.000000060	I	0.0000050	0.00	0.01	.00000000	mg/kg		03/24/14 13:40	03/31/14 22:40	1
1,2,3,4,7,8,9-HpCDF	0.00000011	I	0.0000050	00000010	0.01	.00000000	mg/kg		03/24/14 13:40	03/31/14 22:40	1
OCDF	0.00000018	I	0.000010	0.00	0.0003	.00000000	mg/kg		03/24/14 13:40	03/31/14 22:40	1
Total TEQ						**0.00000016**					

Internal Standard	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C-2,3,7,8-TCDD	64		40 - 135	03/24/14 13:40	03/31/14 22:40	1
13C-1,2,3,7,8-PeCDD	71		40 - 135	03/24/14 13:40	03/31/14 22:40	1
13C-1,2,3,4,7,8-HxCDD	69		40 - 135	03/24/14 13:40	03/31/14 22:40	1
13C-1,2,3,6,7,8-HxCDD	73		40 - 135	03/24/14 13:40	03/31/14 22:40	1

Method: 8290 - Dioxins/Furans, HRGC/HRMS (8290) (Continued)

Lab Sample ID: H4C240000028B
Matrix: Solid
Analysis Batch: 4083028

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 4083028_P

Internal Standard	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C-1,2,3,4,6,7,8-HpCDD	77		40 - 135	03/24/14 13:40	03/31/14 22:40	1
13C-OCDD	73		40 - 135	03/24/14 13:40	03/31/14 22:40	1
13C-2,3,7,8-TCDF	66		40 - 135	03/24/14 13:40	03/31/14 22:40	1
13C-1,2,3,7,8-PeCDF	68		40 - 135	03/24/14 13:40	03/31/14 22:40	1
13C-2,3,4,7,8-PeCDF	62		40 - 135	03/24/14 13:40	03/31/14 22:40	1
13C-1,2,3,4,7,8-HxCDF	70		40 - 135	03/24/14 13:40	03/31/14 22:40	1
13C-1,2,3,6,7,8-HxCDF	70		40 - 135	03/24/14 13:40	03/31/14 22:40	1
13C-2,3,4,6,7,8-HxCDF	72		40 - 135	03/24/14 13:40	03/31/14 22:40	1
13C-1,2,3,7,8,9-HxCDF	70		40 - 135	03/24/14 13:40	03/31/14 22:40	1
13C-1,2,3,4,6,7,8-HpCDF	73		40 - 135	03/24/14 13:40	03/31/14 22:40	1
13C-1,2,3,4,7,8,9-HpCDF	67		40 - 135	03/24/14 13:40	03/31/14 22:40	1
13C-OCDF	61		40 - 135	03/24/14 13:40	03/31/14 22:40	1

Lab Sample ID: H4C240000028C
Matrix: Solid
Analysis Batch: 4083028

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 4083028_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,3,7,8-TCDD	0.0000200	0.0000196		mg/kg		98	79 - 129
1,2,3,7,8-PeCDD	0.000100	0.0000939	V	mg/kg		94	79 - 129
1,2,3,4,7,8-HxCDD	0.000100	0.0000903		mg/kg		90	73 - 123
1,2,3,6,7,8-HxCDD	0.000100	0.0000936		mg/kg		94	74 - 124
1,2,3,7,8,9-HxCDD	0.000100	0.0000962	V	mg/kg		96	70 - 124
1,2,3,4,6,7,8-HpCDD	0.000100	0.0000894	V	mg/kg		89	73 - 123
OCDD	0.000200	0.000183	V	mg/kg		91	75 - 125
2,3,7,8-TCDF	0.0000200	0.0000199		mg/kg		99	75 - 125
1,2,3,7,8-PeCDF	0.000100	0.0000905		mg/kg		90	74 - 124
2,3,4,7,8-PeCDF	0.000100	0.0000945	V	mg/kg		95	75 - 125
1,2,3,4,7,8-HxCDF	0.000100	0.0000934	V	mg/kg		93	75 - 125
1,2,3,6,7,8-HxCDF	0.000100	0.0000941	V	mg/kg		94	76 - 126
2,3,4,6,7,8-HxCDF	0.000100	0.0000951	V	mg/kg		95	76 - 126
1,2,3,7,8,9-HxCDF	0.000100	0.0000907	V	mg/kg		91	77 - 127
1,2,3,4,6,7,8-HpCDF	0.000100	0.0000888	V	mg/kg		89	77 - 127
1,2,3,4,7,8,9-HpCDF	0.000100	0.0000898	V	mg/kg		90	73 - 123
OCDF	0.000200	0.000176	V	mg/kg		88	49 - 128

Internal Standard	LCS %Recovery	LCS Qualifier	Limits
13C-2,3,7,8-TCDD	65		40 - 135
13C-1,2,3,7,8-PeCDD	66		40 - 135
13C-1,2,3,4,7,8-HxCDD	73		40 - 135
13C-1,2,3,6,7,8-HxCDD	69		40 - 135
13C-1,2,3,4,6,7,8-HpCDD	81		40 - 135
13C-OCDD	82		40 - 135
13C-2,3,7,8-TCDF	66		40 - 135
13C-1,2,3,7,8-PeCDF	62		40 - 135
13C-2,3,4,7,8-PeCDF	60		40 - 135
13C-1,2,3,4,7,8-HxCDF	63		40 - 135

Method: 8290 - Dioxins/Furans, HRGC/HRMS (8290) (Continued)

Lab Sample ID: H4C240000028C
Matrix: Solid
Analysis Batch: 4083028

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 4083028_P

Internal Standard	LCS %Recovery	LCS Qualifier	Limits
13C-1,2,3,6,7,8-HxCDF	59		40 - 135
13C-2,3,4,6,7,8-HxCDF	63		40 - 135
13C-1,2,3,7,8,9-HxCDF	64		40 - 135
13C-1,2,3,4,6,7,8-HpCDF	75		40 - 135
13C-1,2,3,4,7,8,9-HpCDF	64		40 - 135
13C-OCDF	59		40 - 135

Lab Sample ID: H4C210408008D
Matrix: Solid
Analysis Batch: 4083028

Client Sample ID: SB-31 (1-2)
Prep Type: Total
Prep Batch: 4083028_P

Analyte	Sample Result	Sample Qualifier	Spike Added	SD1 Result	SD1 Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,3,7,8-TCDD	0.0000012	J	0.0000227	0.0000235		mg/kg	☼	98	79 - 129	2.3	15
1,2,3,7,8-PeCDD	0.0000014	J V I	0.000114	0.000109	V	mg/kg	☼	95	79 - 129	0.22	15
1,2,3,4,7,8-HxCDD	0.0000013	I	0.000114	0.000110		mg/kg	☼	96	73 - 123	1.1	15
1,2,3,6,7,8-HxCDD	0.0000030	I	0.000114	0.000109		mg/kg	☼	93	73 - 127	0.59	15
1,2,3,7,8,9-HxCDD	0.0000034	C V I	0.000114	0.000118	V	mg/kg	☼	101	65 - 141	4.4	15
1,2,3,4,6,7,8-HpCDD	0.000036	V	0.000114	0.000140	V	mg/kg	☼	92	54 - 138	3.9	15
OCDD	0.00033	V	0.000227	0.000491	V	mg/kg	☼	70	31 - 154	5.3	15
2,3,7,8-TCDF	0.0000072	C	0.0000227	0.0000243	C	mg/kg	☼	75	75 - 125	0.0	15
1,2,3,7,8-PeCDF	0.0000036	I	0.000114	0.000108		mg/kg	☼	92	74 - 124	0.34	15
2,3,4,7,8-PeCDF	0.0000059	V	0.000114	0.000111	V	mg/kg	☼	92	75 - 125	2.4	15
1,2,3,4,7,8-HxCDF	0.0000062	C V	0.000114	0.000115	V	mg/kg	☼	95	75 - 125	2.5	15
1,2,3,6,7,8-HxCDF	0.0000044	J V I	0.000114	0.000115	J V	mg/kg	☼	97	73 - 131	1.3	15
2,3,4,6,7,8-HxCDF	0.0000043	V I	0.000114	0.000120	V	mg/kg	☼	102	76 - 129	7.4	15
1,2,3,7,8,9-HxCDF	0.00000022	J V I	0.000114	0.000107	V	mg/kg	☼	94	77 - 127	1.3	15
1,2,3,4,6,7,8-HpCDF	0.000013	V	0.000114	0.000118	V	mg/kg	☼	92	72 - 134	3.0	15
1,2,3,4,7,8,9-HpCDF	0.00000096	V I	0.000114	0.000109	V	mg/kg	☼	95	73 - 124	0.99	15
OCDF	0.000012	J V	0.000227	0.000221	V	mg/kg	☼	92	45 - 135	0.040	15

Internal Standard	SD1 %Recovery	SD1 Qualifier	Limits
13C-2,3,7,8-TCDD	63		40 - 135
13C-1,2,3,7,8-PeCDD	83		40 - 135
13C-1,2,3,4,7,8-HxCDD	64		40 - 135
13C-1,2,3,6,7,8-HxCDD	63		40 - 135
13C-1,2,3,4,6,7,8-HpCDD	79		40 - 135
13C-OCDD	80		40 - 135
13C-2,3,7,8-TCDF	65		40 - 135
13C-1,2,3,7,8-PeCDF	72		40 - 135
13C-2,3,4,7,8-PeCDF	72		40 - 135
13C-1,2,3,4,7,8-HxCDF	60		40 - 135
13C-1,2,3,6,7,8-HxCDF	58		40 - 135
13C-2,3,4,6,7,8-HxCDF	64		40 - 135
13C-1,2,3,7,8,9-HxCDF	60		40 - 135
13C-1,2,3,4,6,7,8-HpCDF	67		40 - 135
13C-1,2,3,4,7,8,9-HpCDF	63		40 - 135
13C-OCDF	62		40 - 135

Method: 8290 - Dioxins/Furans, HRGC/HRMS (8290) (Continued)

Lab Sample ID: H4C210408008S
Matrix: Solid
Analysis Batch: 4083028

Client Sample ID: SB-31 (1-2)
Prep Type: Total
Prep Batch: 4083028_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MS1 Result	MS1 Qualifier	Unit	D	%Rec	%Rec. Limits
2,3,7,8-TCDD	0.0000012	J	0.0000227	0.0000241		mg/kg	☼	101	79 - 129
1,2,3,7,8-PeCDD	0.0000014	J V I	0.000114	0.000109	V	mg/kg	☼	95	79 - 129
1,2,3,4,7,8-HxCDD	0.0000013	I	0.000114	0.000109		mg/kg	☼	95	73 - 123
1,2,3,6,7,8-HxCDD	0.0000030	I	0.000114	0.000108		mg/kg	☼	93	73 - 127
1,2,3,7,8,9-HxCDD	0.0000034	C V I	0.000114	0.000113	V	mg/kg	☼	97	65 - 141
1,2,3,4,6,7,8-HpCDD	0.000036	V	0.000114	0.000134	V	mg/kg	☼	87	54 - 138
OCDD	0.00033	V	0.000227	0.000517	V	mg/kg	☼	82	31 - 154
2,3,7,8-TCDF	0.0000072	C	0.0000227	0.0000243	C	mg/kg	☼	75	75 - 125
1,2,3,7,8-PeCDF	0.0000036	I	0.000114	0.000107		mg/kg	☼	92	74 - 124
2,3,4,7,8-PeCDF	0.0000059	V	0.000114	0.000113	V	mg/kg	☼	94	75 - 125
1,2,3,4,7,8-HxCDF	0.0000062	C V	0.000114	0.000112	V	mg/kg	☼	93	75 - 125
1,2,3,6,7,8-HxCDF	0.0000044	J V I	0.000114	0.000116	J V	mg/kg	☼	99	73 - 131
2,3,4,6,7,8-HxCDF	0.0000043	V I	0.000114	0.000112	V	mg/kg	☼	95	76 - 129
1,2,3,7,8,9-HxCDF	0.00000022	J V I	0.000114	0.000108	V	mg/kg	☼	95	77 - 127
1,2,3,4,6,7,8-HpCDF	0.000013	V	0.000114	0.000115	V	mg/kg	☼	89	72 - 134
1,2,3,4,7,8,9-HpCDF	0.00000096	V I	0.000114	0.000108	V	mg/kg	☼	95	73 - 124
OCDF	0.000012	J V	0.000227	0.000221	V	mg/kg	☼	92	45 - 135

Internal Standard	*MS1 %Recovery*	*MS1 Qualifier*	*Limits*
13C-2,3,7,8-TCDD	*60*		*40 - 135*
13C-1,2,3,7,8-PeCDD	*78*		*40 - 135*
13C-1,2,3,4,7,8-HxCDD	*67*		*40 - 135*
13C-1,2,3,6,7,8-HxCDD	*67*		*40 - 135*
13C-1,2,3,4,6,7,8-HpCDD	*75*		*40 - 135*
13C-OCDD	*80*		*40 - 135*
13C-2,3,7,8-TCDF	*62*		*40 - 135*
13C-1,2,3,7,8-PeCDF	*66*		*40 - 135*
13C-2,3,4,7,8-PeCDF	*67*		*40 - 135*
13C-1,2,3,4,7,8-HxCDF	*64*		*40 - 135*
13C-1,2,3,6,7,8-HxCDF	*59*		*40 - 135*
13C-2,3,4,6,7,8-HxCDF	*65*		*40 - 135*
13C-1,2,3,7,8,9-HxCDF	*61*		*40 - 135*
13C-1,2,3,4,6,7,8-HpCDF	*61*		*40 - 135*
13C-1,2,3,4,7,8,9-HpCDF	*59*		*40 - 135*
13C-OCDF	*59*		*40 - 135*

Specialty Organics

Analysis Batch: 4083015

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47002-2	SB-72 (0.5-1)	Total	Solid	8290	
640-47003-10	SB-80 (0-0.5)	Total	Solid	8290	
640-47003-11	SB-80 (0.5-1)	Total	Solid	8290	
640-47004-4	SB-70 (0-0.5)	Total	Solid	8290	
640-47004-5	SB-70 (0.5-1)	Total	Solid	8290	
640-47004-6	SB-70 (1-2)	Total	Solid	8290	
640-47005-1	SB-36 (0-0.5)	Total	Solid	8290	
640-47005-3	SB-36 (1-2)	Total	Solid	8290	
640-47005-7	SB-38 (0-0.5)	Total	Solid	8290	
640-47005-8	SB-38 (0.5-1)	Total	Solid	8290	
640-47006-4	SB-33 (0-0.5)	Total	Solid	8290	
640-47006-6	SB-33 (1-2)	Total	Solid	8290	
H4C210408014D	SB-72 (0.5-1)	Total	Solid	8290	
H4C210408014S	SB-72 (0.5-1)	Total	Solid	8290	
H4C240000015B	Method Blank	Total	Solid	8290	
H4C240000015C	Lab Control Sample	Total	Solid	8290	

Analysis Batch: 4083028

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46930-7	SB-42 (0-0.5)	Total	Solid	8290	
640-46930-10	SB-42 (1.5-2)	Total	Solid	8290	
640-46930-14	SB-44 (0-0.5)	Total	Solid	8290	
640-46930-16	SB-44 (1-2)	Total	Solid	8290	
640-46968-6	SB-20 (0-0.5)	Total	Solid	8290	
640-46968-7	SB-20 (0.5-2)	Total	Solid	8290	
640-46968-19	SB-26 (0-0.5)	Total	Solid	8290	
640-46968-21	SB-26 (1-2)	Total	Solid	8290	
640-46973-4	SB-28 (0-0.5)	Total	Solid	8290	
640-46973-5	SB-28 (0.5-2)	Total	Solid	8290	
640-46973-10	SB-31 (0-1)	Total	Solid	8290	
640-46973-11	SB-31 (1-2)	Total	Solid	8290	
640-47002-1	SB-72 (0-0.5)	Total	Solid	8290	
H4C210408008D	SB-31 (1-2)	Total	Solid	8290	
H4C210408008S	SB-31 (1-2)	Total	Solid	8290	
H4C240000028B	Method Blank	Total	Solid	8290	
H4C240000028C	Lab Control Sample	Total	Solid	8290	

Prep Batch: 4083015_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47002-2	SB-72 (0.5-1)	Total	Solid	8290	
640-47003-10	SB-80 (0-0.5)	Total	Solid	8290	
640-47003-11	SB-80 (0.5-1)	Total	Solid	8290	
640-47004-4	SB-70 (0-0.5)	Total	Solid	8290	
640-47004-5	SB-70 (0.5-1)	Total	Solid	8290	
640-47004-6	SB-70 (1-2)	Total	Solid	8290	
640-47005-1	SB-36 (0-0.5)	Total	Solid	8290	
640-47005-3	SB-36 (1-2)	Total	Solid	8290	
640-47005-7	SB-38 (0-0.5)	Total	Solid	8290	
640-47005-8	SB-38 (0.5-1)	Total	Solid	8290	
640-47006-4	SB-33 (0-0.5)	Total	Solid	8290	
640-47006-6	SB-33 (1-2)	Total	Solid	8290	

Specialty Organics (Continued)

Prep Batch: 4083015_P (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
H4C210408014D	SB-72 (0.5-1)	Total	Solid	8290	
H4C210408014S	SB-72 (0.5-1)	Total	Solid	8290	
H4C240000015B	Method Blank	Total	Solid	8290	
H4C240000015C	Lab Control Sample	Total	Solid	8290	

Prep Batch: 4083028_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46930-7	SB-42 (0-0.5)	Total	Solid	8290	
640-46930-10	SB-42 (1.5-2)	Total	Solid	8290	
640-46930-14	SB-44 (0-0.5)	Total	Solid	8290	
640-46930-16	SB-44 (1-2)	Total	Solid	8290	
640-46968-6	SB-20 (0-0.5)	Total	Solid	8290	
640-46968-7	SB-20 (0.5-2)	Total	Solid	8290	
640-46968-19	SB-26 (0-0.5)	Total	Solid	8290	
640-46968-21	SB-26 (1-2)	Total	Solid	8290	
640-46973-4	SB-28 (0-0.5)	Total	Solid	8290	
640-46973-5	SB-28 (0.5-2)	Total	Solid	8290	
640-46973-10	SB-31 (0-1)	Total	Solid	8290	
640-46973-11	SB-31 (1-2)	Total	Solid	8290	
640-47002-1	SB-72 (0-0.5)	Total	Solid	8290	
H4C210408008D	SB-31 (1-2)	Total	Solid	8290	
H4C210408008S	SB-31 (1-2)	Total	Solid	8290	
H4C240000028B	Method Blank	Total	Solid	8290	
H4C240000028C	Lab Control Sample	Total	Solid	8290	

General Chemistry

Analysis Batch: 4083055

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47005-7	SB-38 (0-0.5)	Total	Solid	160.3 MOD	
640-47005-8	SB-38 (0.5-1)	Total	Solid	160.3 MOD	
640-47006-4	SB-33 (0-0.5)	Total	Solid	160.3 MOD	
640-47006-6	SB-33 (1-2)	Total	Solid	160.3 MOD	

Analysis Batch: 4083056

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46930-7	SB-42 (0-0.5)	Total	Solid	160.3 MOD	
640-46930-10	SB-42 (1.5-2)	Total	Solid	160.3 MOD	
640-46930-16	SB-44 (1-2)	Total	Solid	160.3 MOD	
640-46968-6	SB-20 (0-0.5)	Total	Solid	160.3 MOD	
640-46968-7	SB-20 (0.5-2)	Total	Solid	160.3 MOD	
640-46968-19	SB-26 (0-0.5)	Total	Solid	160.3 MOD	
640-46968-21	SB-26 (1-2)	Total	Solid	160.3 MOD	
640-46973-4	SB-28 (0-0.5)	Total	Solid	160.3 MOD	
640-46973-5	SB-28 (0.5-2)	Total	Solid	160.3 MOD	
640-46973-10	SB-31 (0-1)	Total	Solid	160.3 MOD	
640-46973-11	SB-31 (1-2)	Total	Solid	160.3 MOD	
640-47002-1	SB-72 (0-0.5)	Total	Solid	160.3 MOD	
640-47002-2	SB-72 (0.5-1)	Total	Solid	160.3 MOD	
640-47003-10	SB-80 (0-0.5)	Total	Solid	160.3 MOD	

General Chemistry (Continued)

Analysis Batch: 4083056 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47003-11	SB-80 (0.5-1)	Total	Solid	160.3 MOD	
640-47004-4	SB-70 (0-0.5)	Total	Solid	160.3 MOD	
640-47004-5	SB-70 (0.5-1)	Total	Solid	160.3 MOD	
640-47004-6	SB-70 (1-2)	Total	Solid	160.3 MOD	
640-47005-1	SB-36 (0-0.5)	Total	Solid	160.3 MOD	
640-47005-3	SB-36 (1-2)	Total	Solid	160.3 MOD	

Analysis Batch: 4084050

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-46930-14	SB-44 (0-0.5)	Total	Solid	160.3 MOD	

Client Sample ID: SB-42 (0-0.5)

Lab Sample ID: 640-46930-7

Date Collected: 02/24/14 14:12
Matrix: Solid
Date Received: 02/25/14 09:00
Percent Solids: 76

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	8290			4083028_P	03/24/14 13:40		TAL KNX
Total	Analysis	8290		1	4083028	04/01/14 02:23	LKM	TAL KNX
Total	Analysis	160.3 MOD		1	4083056	03/25/14 10:02	TN	TAL KNX

Client Sample ID: SB-42 (1.5-2)

Lab Sample ID: 640-46930-10

Date Collected: 02/24/14 14:18
Matrix: Solid
Date Received: 02/25/14 09:00
Percent Solids: 78

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	8290			4083028_P	03/24/14 13:40		TAL KNX
Total	Analysis	8290		1	4083028	04/02/14 11:28	KLW	TAL KNX
Total	Prep	8290			4083028_P	03/24/14 13:40		TAL KNX
Total	Analysis	8290		1	4083028	04/01/14 03:25	LKM	TAL KNX
Total	Analysis	160.3 MOD		1	4083056	03/25/14 10:03	TN	TAL KNX

Client Sample ID: SB-44 (0-0.5)

Lab Sample ID: 640-46930-14

Date Collected: 02/24/14 13:35
Matrix: Solid
Date Received: 02/25/14 09:00
Percent Solids: 85

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	8290			4083028_P	03/24/14 13:40		TAL KNX
Total	Analysis	8290		1	4083028	04/02/14 12:00	KLW	TAL KNX
Total	Prep	8290			4083028_P	03/24/14 13:40		TAL KNX
Total	Analysis	8290		1	4083028	04/01/14 04:27	LKM	TAL KNX
Total	Analysis	160.3 MOD		1	4084050	03/25/14 00:00	DW	TAL KNX

Client Sample ID: SB-44 (1-2)

Lab Sample ID: 640-46930-16

Date Collected: 02/24/14 13:39
Matrix: Solid
Date Received: 02/25/14 09:00
Percent Solids: 77

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	8290			4083028_P	03/24/14 13:40		TAL KNX
Total	Analysis	8290		1	4083028	04/02/14 12:31	KLW	TAL KNX
Total	Prep	8290			4083028_P	03/24/14 13:40		TAL KNX
Total	Analysis	8290		1	4083028	04/01/14 05:28	LKM	TAL KNX

Client Sample ID: SB-20 (0-0.5)

Lab Sample ID: 640-46968-6

Date Collected: 02/25/14 11:45
Matrix: Solid
Date Received: 02/26/14 08:40
Percent Solids: 76

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	8290			4083028_P	03/24/14 13:40		TAL KNX

Client Sample ID: SB-20 (0-0.5)

Lab Sample ID: 640-46968-6

Date Collected: 02/25/14 11:45
Matrix: Solid
Date Received: 02/26/14 08:40
Percent Solids: 76

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Analysis	8290		1	4083028	04/02/14 15:39	KLW	TAL KNX
Total	Prep	8290			4083028_P	03/24/14 13:40		TAL KNX
Total	Analysis	8290		1	4083028	04/01/14 23:04	LKM	TAL KNX

Client Sample ID: SB-20 (0.5-2)

Lab Sample ID: 640-46968-7

Date Collected: 02/25/14 11:47
Matrix: Solid
Date Received: 02/26/14 08:40
Percent Solids: 83

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	8290			4083028_P	03/24/14 13:40		TAL KNX
Total	Analysis	8290		1	4083028	04/02/14 16:10	KLW	TAL KNX
Total	Prep	8290			4083028_P	03/24/14 13:40		TAL KNX
Total	Analysis	8290		1	4083028	04/02/14 00:17	LKM	TAL KNX
Total	Analysis	160.3 MOD		1	4083056	03/25/14 10:05	TN	TAL KNX

Client Sample ID: SB-26 (0-0.5)

Lab Sample ID: 640-46968-19

Date Collected: 02/25/14 11:21
Matrix: Solid
Date Received: 02/26/14 08:40
Percent Solids: 82

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	8290			4083028_P	03/24/14 13:40		TAL KNX
Total	Analysis	8290		1	4083028	04/02/14 16:42	KLW	TAL KNX
Total	Prep	8290			4083028_P	03/24/14 13:40		TAL KNX
Total	Analysis	8290		1	4083028	04/02/14 01:17	LKM	TAL KNX

Client Sample ID: SB-26 (1-2)

Lab Sample ID: 640-46968-21

Date Collected: 02/25/14 11:25
Matrix: Solid
Date Received: 02/26/14 08:40
Percent Solids: 77

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	8290			4083028_P	03/24/14 13:40		TAL KNX
Total	Analysis	8290		1	4083028	04/02/14 17:13	KLW	TAL KNX
Total	Prep	8290			4083028_P	03/24/14 13:40		TAL KNX
Total	Analysis	8290		1	4083028	04/02/14 02:19	LKM	TAL KNX
Total	Analysis	160.3 MOD		1	4083056	03/25/14 10:06	TN	TAL KNX

Client Sample ID: SB-28 (0-0.5)

Lab Sample ID: 640-46973-4

Date Collected: 02/25/14 10:36
Matrix: Solid
Date Received: 02/26/14 08:40
Percent Solids: 70

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	8290			4083028_P	03/24/14 13:40		TAL KNX
Total	Analysis	8290		1	4083028	04/01/14 06:30	LKM	TAL KNX

Client Sample ID: SB-28 (0.5-2)

Lab Sample ID: 640-46973-5

Date Collected: 02/25/14 10:38
Matrix: Solid
Date Received: 02/26/14 08:40
Percent Solids: 79

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	8290			4083028_P	03/24/14 13:40		TAL KNX
Total	Analysis	8290		1	4083028	04/02/14 13:02	KLW	TAL KNX
Total	Prep	8290			4083028_P	03/24/14 13:40		TAL KNX
Total	Analysis	8290		1	4083028	04/01/14 14:12	MAD	TAL KNX
Total	Analysis	160.3 MOD		1	4083056	03/25/14 10:04	TN	TAL KNX

Client Sample ID: SB-31 (0-1)

Lab Sample ID: 640-46973-10

Date Collected: 02/25/14 11:02
Matrix: Solid
Date Received: 02/26/14 08:40
Percent Solids: 87

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	8290			4083028_P	03/24/14 13:40		TAL KNX
Total	Analysis	8290		1	4083028	04/02/14 13:34	KLW	TAL KNX
Total	Prep	8290			4083028_P	03/24/14 13:40		TAL KNX
Total	Analysis	8290		1	4083028	04/01/14 15:14	MAD	TAL KNX

Client Sample ID: SB-31 (1-2)

Lab Sample ID: 640-46973-11

Date Collected: 02/25/14 11:04
Matrix: Solid
Date Received: 02/26/14 08:40
Percent Solids: 86

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	8290			4083028_P	03/24/14 13:40		TAL KNX
Total	Analysis	8290		1	4083028	04/01/14 16:16	MAD	TAL KNX

Client Sample ID: SB-72 (0-0.5)

Lab Sample ID: 640-47002-1

Date Collected: 02/26/14 10:18
Matrix: Solid
Date Received: 02/27/14 09:05
Percent Solids: 83

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	8290			4083028_P	03/24/14 13:40		TAL KNX
Total	Analysis	8290		1	4083028	04/02/14 17:44	KLW	TAL KNX
Total	Prep	8290			4083028_P	03/24/14 13:40		TAL KNX
Total	Analysis	8290		1	4083028	04/02/14 03:20	LKM	TAL KNX

Client Sample ID: SB-72 (0.5-1)

Lab Sample ID: 640-47002-2

Date Collected: 02/26/14 10:20
Matrix: Solid
Date Received: 02/27/14 09:05
Percent Solids: 91

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	8290			4083015_P	03/24/14 10:00		TAL KNX
Total	Analysis	8290		1	4083015	04/02/14 04:22	LKM	TAL KNX

Client Sample ID: SB-80 (0-0.5)

Lab Sample ID: 640-47003-10

Date Collected: 02/26/14 13:50
Matrix: Solid
Date Received: 02/27/14 09:05
Percent Solids: 70

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	8290			4083015_P	03/24/14 10:00		TAL KNX
Total	Analysis	8290		1	4083015	04/02/14 19:18	KLW	TAL KNX
Total	Prep	8290			4083015_P	03/24/14 10:00		TAL KNX
Total	Analysis	8290		1	4083015	04/02/14 10:49	MAD	TAL KNX

Client Sample ID: SB-80 (0.5-1)

Lab Sample ID: 640-47003-11

Date Collected: 02/26/14 13:52
Matrix: Solid
Date Received: 02/27/14 09:05
Percent Solids: 77

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	8290			4083015_P	03/24/14 10:00		TAL KNX
Total	Analysis	8290		1	4083015	04/03/14 02:39	LKM	TAL KNX
Total	Prep	8290			4083015_P	03/24/14 10:00		TAL KNX
Total	Analysis	8290		1	4083015	04/03/14 01:31	LKM	TAL KNX

Client Sample ID: SB-70 (0-0.5)

Lab Sample ID: 640-47004-4

Date Collected: 02/26/14 12:10
Matrix: Solid
Date Received: 02/27/14 09:05
Percent Solids: 78

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	8290			4083015_P	03/24/14 10:00		TAL KNX
Total	Analysis	8290		1	4083015	04/03/14 03:10	LKM	TAL KNX
Total	Prep	8290			4083015_P	03/24/14 10:00		TAL KNX
Total	Analysis	8290		1	4083015	04/02/14 12:52	MAD	TAL KNX

Client Sample ID: SB-70 (0.5-1)

Lab Sample ID: 640-47004-5

Date Collected: 02/26/14 12:12
Matrix: Solid
Date Received: 02/27/14 09:05
Percent Solids: 83

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	8290			4083015_P	03/24/14 10:00		TAL KNX
Total	Analysis	8290		1	4083015	04/03/14 03:42	LKM	TAL KNX
Total	Prep	8290			4083015_P	03/24/14 10:00		TAL KNX
Total	Analysis	8290		1	4083015	04/02/14 13:54	MAD	TAL KNX
Total	Analysis	160.3 MOD		1	4083056	03/25/14 10:07	TN	TAL KNX

Client Sample ID: SB-70 (1-2)

Lab Sample ID: 640-47004-6

Date Collected: 02/26/14 12:14
Matrix: Solid
Date Received: 02/27/14 09:05
Percent Solids: 74

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	8290			4083015_P	03/24/14 10:00		TAL KNX
Total	Analysis	8290		1	4083015	04/03/14 04:13	LKM	TAL KNX

Client Sample ID: SB-70 (1-2)

Lab Sample ID: 640-47004-6

Date Collected: 02/26/14 12:14
Matrix: Solid
Date Received: 02/27/14 09:05
Percent Solids: 74

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	8290			4083015_P	03/24/14 10:00		TAL KNX
Total	Analysis	8290		1	4083015	04/02/14 14:56	MAD	TAL KNX

Client Sample ID: SB-36 (0-0.5)

Lab Sample ID: 640-47005-1

Date Collected: 02/26/14 09:53
Matrix: Solid
Date Received: 02/27/14 09:05
Percent Solids: 94.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	8290			4083015_P	03/24/14 10:00		TAL KNX
Total	Analysis	8290		1	4083015	04/03/14 04:44	LKM	TAL KNX
Total	Prep	8290			4083015_P	03/24/14 10:00		TAL KNX
Total	Analysis	8290		1	4083015	04/03/14 02:32	LKM	TAL KNX
Total	Analysis	160.3 MOD		1	4083056	03/25/14 10:08	TN	TAL KNX

Client Sample ID: SB-36 (1-2)

Lab Sample ID: 640-47005-3

Date Collected: 02/26/14 09:57
Matrix: Solid
Date Received: 02/27/14 09:05
Percent Solids: 75

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	8290			4083015_P	03/24/14 10:00		TAL KNX
Total	Analysis	8290		1	4083015	04/03/14 05:15	LKM	TAL KNX
Total	Prep	8290			4083015_P	03/24/14 10:00		TAL KNX
Total	Analysis	8290		1	4083015	04/03/14 03:33	LKM	TAL KNX

Client Sample ID: SB-38 (0-0.5)

Lab Sample ID: 640-47005-7

Date Collected: 02/26/14 09:38
Matrix: Solid
Date Received: 02/27/14 09:05
Percent Solids: 74

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	8290			4083015_P	03/24/14 10:00		TAL KNX
Total	Analysis	8290		1	4083015	04/03/14 05:47	LKM	TAL KNX
Total	Prep	8290			4083015_P	03/24/14 10:00		TAL KNX
Total	Analysis	8290		1	4083015	04/03/14 04:35	LKM	TAL KNX

Client Sample ID: SB-38 (0.5-1)

Lab Sample ID: 640-47005-8

Date Collected: 02/26/14 09:40
Matrix: Solid
Date Received: 02/27/14 09:05
Percent Solids: 88

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	8290			4083015_P	03/24/14 10:00		TAL KNX
Total	Analysis	8290		1	4083015	04/03/14 06:18	LKM	TAL KNX
Total	Prep	8290			4083015_P	03/24/14 10:00		TAL KNX
Total	Analysis	8290		1	4083015	04/03/14 05:37	LKM	TAL KNX

Lab Chronicle

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-46930-3

Client Sample ID: SB-38 (0.5-1)

Lab Sample ID: 640-47005-8

Date Collected: 02/26/14 09:40
Matrix: Solid
Date Received: 02/27/14 09:05
Percent Solids: 88

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Analysis	160.3 MOD		1	4083055	03/25/14 10:13	TN	TAL KNX

Client Sample ID: SB-33 (0-0.5)

Lab Sample ID: 640-47006-4

Date Collected: 02/26/14 09:08
Matrix: Solid
Date Received: 02/27/14 09:05
Percent Solids: 98

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	8290			4083015_P	03/24/14 10:00		TAL KNX
Total	Analysis	8290		1	4083015	04/03/14 06:39	LKM	TAL KNX
Total	Analysis	160.3 MOD		1	4083055	03/25/14 10:14	TN	TAL KNX

Client Sample ID: SB-33 (1-2)

Lab Sample ID: 640-47006-6

Date Collected: 02/26/14 09:12
Matrix: Solid
Date Received: 02/27/14 09:05
Percent Solids: 92.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	8290			4083015_P	03/24/14 10:00		TAL KNX
Total	Analysis	8290		1	4083015	04/03/14 07:21	LKM	TAL KNX
Total	Prep	8290			4083015_P	03/24/14 10:00		TAL KNX
Total	Analysis	8290		1	4083015	04/03/14 10:55	MAD	TAL KNX

Laboratory References:

TAL KNX = TestAmerica Knoxville, 5815 Middlebrook Pike, Knoxville, TN 37921, TEL (865)291-3000

Certification Summary

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-46930-3

Laboratory: TestAmerica Tallahassee

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E81005	06-30-14
Georgia	State Program	4		06-30-14
Louisiana	NELAP	6	30663	06-30-14
New Jersey	NELAP	2	FL012	06-30-14
Texas	NELAP	6	T104704459-11-2	03-31-15
USDA	Federal		P330-08-00158	08-05-14

Laboratory: TestAmerica Knoxville

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0688	06-17-14
California	State Program	9	2423	06-30-14
Colorado	State Program	8	N/A	02-28-15
Connecticut	State Program	1	PH-0223	09-30-15
Florida	NELAP	4	E87177	06-30-14
Georgia	State Program	4	906	06-13-14
Hawaii	State Program	9	N/A	04-13-14
Iowa	State Program	7	375	08-01-14
Kansas	NELAP	7	E-10349	10-31-14
Kentucky (DW)	State Program	4	90101	12-31-14
L-A-B	DoD ELAP		L2311	02-13-16
Louisiana	NELAP	6	83979	06-30-14
Louisiana	NELAP	6	LA110001	12-31-14
Maryland	State Program	3	277	03-31-15
Michigan	State Program	5	9933	04-13-14
Nevada	State Program	9	TN00009	07-31-14
New Jersey	NELAP	2	TN001	06-30-14
New York	NELAP	2	10781	03-31-15
North Carolina DENR	State Program	4	64	12-31-14
North Carolina DHHS	State Program	4	21705	07-31-14
Ohio VAP	State Program	5	CL0059	03-26-15
Oklahoma	State Program	6	9415	08-31-14
Pennsylvania	NELAP	3	68-00576	12-31-14
South Carolina	State Program	4	84001	06-30-14
Tennessee	State Program	4	2014	04-13-14
Texas	NELAP	6	T104704380-TX	08-31-14
USDA	Federal		P330-13-00260	08-29-16
Utah	NELAP	8	QUAN3	07-31-14
Virginia	NELAP	3	460176	09-14-14
Virginia	State Program	3	165	06-30-14
Washington	State Program	10	C593	01-19-15
West Virginia DEP	State Program	3	345	04-30-14
West Virginia DHHR	State Program	3	9955C	12-31-14
Wisconsin	State Program	5	998044300	08-31-14

Method Summary

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-46930-3

Method	Method Description	Protocol	Laboratory
8290	Dioxins/Furans, HRGC/HRMS (8290)	SW846	TAL KNX
160.3 MOD	Moisture, Percent (160.3)	MCAWW	TAL KNX

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL KNX = TestAmerica Knoxville, 5815 Middlebrook Pike, Knoxville, TN 37921, TEL (865)291-3000

Sample Summary

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-46930-3

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
640-46930-7	SB-42 (0-0.5)	Solid	02/24/14 14:12	02/25/14 09:00
640-46930-10	SB-42 (1.5-2)	Solid	02/24/14 14:18	02/25/14 09:00
640-46930-14	SB-44 (0-0.5)	Solid	02/24/14 13:35	02/25/14 09:00
640-46930-16	SB-44 (1-2)	Solid	02/24/14 13:39	02/25/14 09:00
640-46968-6	SB-20 (0-0.5)	Solid	02/25/14 11:45	02/26/14 08:40
640-46968-7	SB-20 (0.5-2)	Solid	02/25/14 11:47	02/26/14 08:40
640-46968-19	SB-26 (0-0.5)	Solid	02/25/14 11:21	02/26/14 08:40
640-46968-21	SB-26 (1-2)	Solid	02/25/14 11:25	02/26/14 08:40
640-46973-4	SB-28 (0-0.5)	Solid	02/25/14 10:36	02/26/14 08:40
640-46973-5	SB-28 (0.5-2)	Solid	02/25/14 10:38	02/26/14 08:40
640-46973-10	SB-31 (0-1)	Solid	02/25/14 11:02	02/26/14 08:40
640-46973-11	SB-31 (1-2)	Solid	02/25/14 11:04	02/26/14 08:40
640-47002-1	SB-72 (0-0.5)	Solid	02/26/14 10:18	02/27/14 09:05
640-47002-2	SB-72 (0.5-1)	Solid	02/26/14 10:20	02/27/14 09:05
640-47003-10	SB-80 (0-0.5)	Solid	02/26/14 13:50	02/27/14 09:05
640-47003-11	SB-80 (0.5-1)	Solid	02/26/14 13:52	02/27/14 09:05
640-47004-4	SB-70 (0-0.5)	Solid	02/26/14 12:10	02/27/14 09:05
640-47004-5	SB-70 (0.5-1)	Solid	02/26/14 12:12	02/27/14 09:05
640-47004-6	SB-70 (1-2)	Solid	02/26/14 12:14	02/27/14 09:05
640-47005-1	SB-36 (0-0.5)	Solid	02/26/14 09:53	02/27/14 09:05
640-47005-3	SB-36 (1-2)	Solid	02/26/14 09:57	02/27/14 09:05
640-47005-7	SB-38 (0-0.5)	Solid	02/26/14 09:38	02/27/14 09:05
640-47005-8	SB-38 (0.5-1)	Solid	02/26/14 09:40	02/27/14 09:05
640-47006-4	SB-33 (0-0.5)	Solid	02/26/14 09:08	02/27/14 09:05
640-47006-6	SB-33 (1-2)	Solid	02/26/14 09:12	02/27/14 09:05

TestAmerica Tallahassee
2846 Industrial Plaza Drive

Tallahassee, FL 32301
phone 850.878.3994 fax

Chain of Custody Record

AREA # 4 - COURTS.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Eddy Smith	Site Contact: Brittney Odom	Date:	COC No: 640-46930.1
SCS Engineers	Tel/Fax:	Lab Contact: Amy Marks	Carrier:	____ of ____ COCs
7700 North Kendall Drive	Analysis Turnaround Time			Sampler:
Miami, Florida 33156	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
305.412.8185 Phone	TAT if different from Below ____			Walk-in Client:
305.412.8105 FAX	☐ 2 weeks			Lab Sampling:
Project Name: Curtis Park	☐ 1 week			
Site: 1901 NW 24th Ave, Miami, FL	☐ 2 days			Job / SDG No.: 640-46930
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	[redacted]	Dioxins (8290)	PCBs (8082)	Metal #1	Metal #2	Sample Specific Notes:
SB-40 (0-0.5)	24-Feb-14	13:25	C	So							X		Metals #1
SB-40 (0.5-1)	24-Feb-14	13:27	C	So							X		Sb, As, Cu, Ba, Fe, Pb
SB-40 (1-2)	24-Feb-14	13:29	C	So							X		
SB-41 (0-0.5)	"	13:55	C	So							X		Metals #2
SB-41 (0.5-1)	"	13:57	C	So							X		Cd, Cr, Hg, Se & Ag
SB-41 (1-2)	"	13:59	C	So							X		
SB-42 (0-0.5)	"	14:12	C	So							X		
SB-42 (0.5-1)	"	14:14	C	So							X		
SB-42 (1-1.5)	"	14:16	C	So							X		
SB-42 (1.5-2)	"	14:18	C	So							X		
SB-43 (0-0.5)	"	13:45	C	So							X		
SB-43 (0.5-1)	"	13:48	C	So							X		

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other

640-46930 Chain of Custody

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for ____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temp. (°C): Obs'd: ____ Corr'd: ____	Therm ID No.: ____
Relinquished by:	Company: SCS ES	Date/Time: 24-Feb-14 15:00	Received by:	Company:	Date/Time: 2/24/14 1500
Relinquished by:	Company:	Date/Time:	Received by: Carol McTubby	Company: TA Tampa	Date/Time: 2/25/14 0900
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

4.9 5.1 C Cu 7

4/10/2014

TestAmerica Tallahassee
2846 Industrial Plaza Drive

Tallahassee, FL 32301
phone 850.878.3994 fax

Chain of Custody Record

AREA #4 - COURTS.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Eddy Smith	Site Contact: Brittney Odom	Date:	COC No: 640-46930.2
SCS Engineers	Tel/Fax:	Lab Contact: Amy Marks	Carrier:	____ of ____ COCs
7700 North Kendall Drive	**Analysis Turnaround Time**			Sampler:
Miami, Florida 33156	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
305.412.8185 Phone	TAT if different from Below ____			Walk-in Client:
305.412.8105 FAX	☐ 2 weeks			Lab Sampling:
Project Name: Curtis Park	☐ 1 week			
Site: 1901 NW 24th Ave, Miami, FL	☐ 2 days			Job / SDG No.: 640-46930
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	[redacted]	Dioxins (8290)	PCBs (8082)	Metals #1	Metals #2	Sample Specific Notes:
SB-43 (1-2)	24-Feb-14	13:51	C								X		Metals #1
SB-44 (0-0.5)	"	13:35	C								X		Sb, As, Ba, Cu, Fe, Pb
SB-44 (0.5-1)	"	13:37	C								X		
SB-44 (1-2)	"	13:39	C								X		~~Metals #2~~ MP.
SB-45 (0-0.5)	"	13:15	C								X		~~Sb, As, Ba~~
SB-45 (0.5-1)	"	13:17	C								X		
SB-45 (1-2)	"	13:19	C								X		Metals #2
													Cd, Cr, Hg, Se, & Ag

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other: ____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for ____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temp. (°C): Obs'd: ____ Corr'd: ____	Therm ID No.: ____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	SCS ES	24-Feb-14 15:00	[signature]	FTA	2/24/14 1500
Relinquished by: [signature]	Company:	Date/Time:	Received by: Carol McNulty	Company: TA Tampa	Date/Time: 2/25/14 0900
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

TestAmerica Tallahassee
2846 Industrial Plaza Drive

Tallahassee, FL 32301
phone 850.878.3994 fax

Chain of Custody Record

AREA 1 - Baseball (Perimeter)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

4/10/2014

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Eddy Smith	Site Contact: Brittney Odom	Date:	COC No:
SCS Engineers	Tel/Fax:	Lab Contact: Amy Marks	Carrier:	____ of ____ COCs
7700 North Kendall Drive	Analysis Turnaround Time			Sampler:
Miami, Florida 33156	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
305.412.8185 Phone	TAT if different from Below ____			Walk-in Client:
305.412.8105 FAX	☐ 2 weeks			Lab Sampling:
Project Name: Curtis Park	☐ 1 week			Job / SDG No.:
Site: 1901 NW 24th Ave, Miami, FL	☐ 2 days			640-46968
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Metals 6010 (Sb, As, Ba, Cu, Pb, Fe)	Metals 6010/7471 (Cd, Cr, Hg, Se, Ag)	Dioxins (8290)	PCBs (8082)	Sample Specific Notes:
SB-18 (0-0.5)	25-Feb-14	10:02	C	So	2			X	X			
SB-18 (0.5-1.5)	"	10:04	C	So	2			X	X			
SB-18 (1.5-2)	"	10:06	C	So	2			X	X			
SB-19 (0-0.75)	"	12:56	C	So	2			X				
SB-19 (0.75-2)	"	12:58	C	So	2			X				
SB-20 (0-0.5)	"	11:45	C	So	2			X	X			
SB-20 (0.5-2)	"	11:47	C	So	2			X	X			
SB-21 (0-0.5)	"	10:50	C	So	2			X				
SB-21 (0.5-2)	"	11:52	C	So	2			X				
SB-22 (0-0.5)	"	9:48	C	So	2			X	X			
SB-22 (0.5-1.5)	"	9:50	C	So	2			X	X			
SB-22 (1.5-2)	"	9:52	C	So	2			X	X			

640-46968 Chain of Custody

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for ____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: ____ Corr'd: ____ | Therm ID No.: ____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	SCSES	25-Feb-14 1500	[signature]	TA	2/25/14 1500
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]			[signature]	TA-Tampa	2/26/14 0840
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

4.4 4.7° C cu07

TestAmerica Tallahassee
2846 Industrial Plaza Drive

Tallahassee, FL 32301
phone 850.878.3994 fax

Chain of Custody Record

AREA #1 - Baseball (Perimeter).

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

4/10/2014

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Eddy Smith	Site Contact: Brittney Odom	Date:	COC No:
SCS Engineers	Tel/Fax:	Lab Contact: Amy Marks	Carrier:	____ of ____ COCs
7700 North Kendall Drive	Analysis Turnaround Time			Sampler:
Miami, Florida 33156	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
305.412.8185 Phone	TAT if different from Below ____			Walk-in Client:
305.412.8105 FAX	☐ 2 weeks			Lab Sampling:
Project Name: Curtis Park	☐ 1 week			
Site: 1901 NW 24th Ave, Miami, FL	☐ 2 days			Job / SDG No.:
P O #	☐ 1 day			440-46968

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Metals 6010 (Sb, As, Ba, Cu, Pb, Fe)	Metals 6010/7471 (Cd, Cr, Hg, Se, Ag)	Dioxins (8290)	PCBs (8082)	Sample Specific Notes:
SB-23 (0-0.5)	25-Feb-14	11:32	C	So	2			X				
SB-23 (0.5-2)	"	11:34	C	So	2			X				
SB-24 (0-0.5)	"	11:40	C	So	2			X	X			
SB-24 (0.5-2)	"	11:42	C	So	2			X	X			
SB-25 (0-0.5)	"	11:15	C	So	2			X				
SB-25 (0.5-2)	"	11:17	C	So	2			X				
SB-26 (0-0.5)	"	11:21	C	So	2			X				
SB-26 (0.5-1)	"	11:23	C	So	2			X				
SB-26 (1-2)	"	11:25	C	So	2			X				

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for ____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: ____ Corr'd: ____ Therm ID No.: ____

	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by: Dw Pace	SCS ES	25-Feb-14 15:00		TA	2/25/14 1500
Relinquished by:	Company:	Date/Time:	Received by: Carol McNulty	Company: TA Tampa	Date/Time: 2/26/14 0840
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

4.4 4.7 C CM07

TestAmerica Tallahassee
2846 Industrial Plaza Drive

Tallahassee, FL 32301
phone 850.878.3994 fax

Chain of Custody Record

AREA #2 - Baseball Field

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

4/10/2014

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Eddy Smith	Site Contact: Brittney Odom	Date:	COC No:
SCS Engineers	Tel/Fax:	Lab Contact: Amy Marks	Carrier:	_____ of _____ COCs
7700 North Kendall Drive	**Analysis Turnaround Time**			Sampler:
Miami, Florida 33156	☐ CALENDAR DAYS ☐ WORKING DAYS			**For Lab Use Only:**
305.412.8185 Phone	TAT if different from Below _____			Walk-in Client:
305.412.8105 FAX	☐ 2 weeks			Lab Sampling:
Project Name: Curtis Park	☐ 1 week			
Site: 1901 NW 24th Ave, Miami, FL	☐ 2 days			Job / SDG No.:
P O #	☐ 1 day			640-46973

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Metals 6010 (Sb, Ag, Ba, Cu, Pb, Fe)	Metals 6010/7471 (Cd, Cr, Hg, Se, Ag)	Dioxins (8290)	PCBs (8082)	Sample Specific Notes:
SB-27 (0-1)	25-Feb-14	10:27	C	So	2			X				
SB-27 (1-1.5)	"	10:29	C	So	2			X				
SB-27 (1.5-2)	"	10:31	C	So	2			X				
SB-28 (0.5-0.5)	"	10:36	C	So	2			X				
SB-28 (0.5-2)	"	10:38	C	So	2			X				
SB-29 (0-1)	"	10:43	C	So	2			X				
SB-29 (1-2)	"	10:45	C	So	2			X				
SB-30 (0-1)	"	10:52	C	So	2			X				
SB-30 (1-2)	"	10:54	C	So	2			X				
SB-31 (0-1)	"	11:02	C	So	2			X				
SB-31 (1-2)	"	11:04	C	So	2			X				

640-46973 Chain of Custody

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Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ | Therm ID No.: _____

	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by: V. Daggs	SCS ES	25-Feb-14 15:00		TA	2/25/15 1500
Relinquished by:	Company:	Date/Time:	Received by: Carol McMullen	Company: TA Tampa	Date/Time: 2/26/14 0840
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

U.4 U.7° C cu07

TestAmerica Tallahassee
2846 Industrial Plaza Drive

Tallahassee, FL 32301
phone 850.878.3994 fax

Chain of Custody Record

ROW Samples #2 (NW 23 Ave, North)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

4/10/2014

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other: 640-47002

Client Contact	Project Manager: Eddy Smith	Site Contact: Brittney Odom	Date:	COC No:
SCS Engineers	Tel/Fax:	Lab Contact: Amy Marks	Carrier:	____ of ____ COCs
7700 North Kendall Drive	Analysis Turnaround Time			Sampler:
Miami, Florida 33156	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
305.412.8185 Phone	TAT if different from Below ____			Walk-in Client:
305.412.8105 FAX	☐ 2 weeks			Lab Sampling:
Project Name: Curtis Park	☐ 1 week			
Site: 1901 NW 24th Ave, Miami, FL	☐ 2 days			Job / SDG No.:
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Metals 6010 (Sb, As, Ba, Cu, Pb, Fe)	Metals 6010/7471 (Cd, Cr, Hg, Se, Ag)	Dioxins (8290)	PCBs (8082)	Sample Specific Notes:
SB-72 (0-0.5)	26-Feb-14	10:18	C	So	2			X				
SB-72 (0.5-1)	"	10:20	C	So	2			X				
SB-72 (1-2)	"	10:22	C	So	2			X				
SB-73 (0-0.5)	"	11:24	C	So	2			X				
SB-73 (0.5-1)	"	11:26	C	So	2			X				
SB-73 (1-2)	"	11:28	C	So	2			X				
SB-74 (0-0.5)	"	11:05	C	So	2			X				
SB-74 (0.5-1)	"	11:07	C	So	2			X				
SB-74 (1-2)	"	11:09	C	So	2			X				
SB-75 (0-0.5)	"	10:48	C	So	2			X				
SB-75 (0.5-1)	"	10:50	C	So	2			X				
SB-75 (1-2)	"	10:52	C	So	2			X				

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other

640-47002 Chain of Custody

Page 76 of 81

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for ____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: ____ Corr'd: ____ | Therm ID No.: ____

	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	SCS	26/2/14 1800			2-26-14 1530
Relinquished by:	Company:	Date/Time: 2-26-14 1800	Received by:	Company: DATA	Date/Time: 2/27/14 9:25
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

5.9°C Cu-81

TestAmerica Tallahassee
2846 Industrial Plaza Drive
Tallahassee, FL 32301
phone 850.878.3994 fax

Chain of Custody Record

ROW Samples #2 (NW 23 Ave, North)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

4/10/2014

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other: 640-47002

Client Contact	Project Manager: Eddy Smith	Site Contact: Brittney Odom	Date:	COC No:
SCS Engineers	Tel/Fax:	Lab Contact: Amy Marks	Carrier:	____ of ____ COCs
7700 North Kendall Drive	Analysis Turnaround Time			Sampler:
Miami, Florida 33156	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
305.412.8185 Phone	TAT if different from Below ____			Walk-in Client:
305.412.8105 FAX	☐ 2 weeks			Lab Sampling:
Project Name: Curtis Park	☐ 1 week			Job / SDG No.:
Site: 1901 NW 24th Ave, Miami, FL	☐ 2 days			
PO #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Metals 6010 (Sb, As, Ba, Cu, Pb, Fe)	Metals 6010/7471 (Cd, Cr, Hg, Se, Ag)	Dioxins (8290)	PCBs (8082)	Sample Specific Notes:
SB-76(0-0.5)	26-Feb-14	10:40	C	So	2			X				
SB-76 (0.5-1)	"	10:42	C	So	2			X				
SB-76 (1-2)	"	10:44	C	So	2			X				

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4=HNO3, 5=NaOH, 6= Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for_____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ | Therm ID No.:_____

	Company	Date/Time		Company	Date/Time
Relinquished by:	SCS	2/26/14 1800	Received by:		2-26-14 1530
Relinquished by:		2-26-14 1800	Received by:	TMPA	2/27/14 9:05
Relinquished by:			Received in Laboratory by:		

5.5c CW-07

TestAmerica Tallahassee
2846 Industrial Plaza Drive
Tallahassee, FL 32301
phone 850.878.3994 fax

Chain of Custody Record

ROW Samples #3 (NW. 20 Street)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc

4/10/2014

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Eddy Smith	Site Contact: Brittney Odom	Date:	COC No:
SCS Engineers	Tel/Fax:	Lab Contact: Amy Marks	Carrier:	____ of ____ COCs
7700 North Kendall Drive	Analysis Turnaround Time			Sampler:
Miami, Florida 33156	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
305.412.8185 Phone	TAT if different from Below _____			Walk-in Client:
305.412.8105 FAX	☐ 2 weeks			Lab Sampling:
Project Name: Curtis Park	☐ 1 week			Job / SDG No.: 640-47003
Site: 1901 NW 24th Ave, Miami, FL	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Metals 6010 (Sb, As, Ba, Cu, Pb, Fe)	Metals 6010/7471 (Cd, Cr, Hg, Se, Ag)	Dioxins (8290)	PCBs (8082)	Sample Specific Notes:
SB-77 (0-0.5)	26-Feb-14	13:14	C	So	2			X				
SB-77 (0.5-1)	"	13:16	C	So	2			X				
SB-77 (1-2)	"	13:18	C	So	2			X				
SB-78 (0-0.5)	"	13:24	C	So	2			X				
SB-78 (0.5-1)	"	13:28	C	So	2			X				
SB-78 (1-2)	"	13:30	C	So	2			X				
SB-79 (0-0.5)	"	13:40	C	So	2			X				
SB-79 (0.5-1)	"	13:42	C	So	2			X				
SB-79 (1-1.5)	"	13:44	C	So	2			X				
SB-80 (0-0.5)	"	13:50	C	So	2			X				
SB-80 (0.5-1)	"	13:52	C	So	2			X				
SB-80 (1-2)	"	13:54	C	So	2			X				

640-47003 Chain of Custody

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ Therm ID No.: _____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	SCS	2/26/14 1800	[signature]		2-26-14 1530
Relinquished by: [signature]	Company:	Date/Time: 2-26-14 1800	Received by: [signature]	Company: TATRA	Date/Time: 2/27/14 9:05
Relinquished by: [signature]	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

4.3°C CU-07

TestAmerica Tallahassee
2846 Industrial Plaza Drive

Tallahassee, FL 32301
phone 850.878.3994 fax

Chain of Custody Record

ROW Samples #1 (NW 23 Ave, South)

TestAmericc
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Eddy Smith	Site Contact: Brittney Odom	Date:	COC No:
SCS Engineers	Tel/Fax:	Lab Contact: Amy Marks	Carrier:	____ of ____ COCs
7700 North Kendall Drive	Analysis Turnaround Time			Sampler:
Miami, Florida 33156	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
305.412.8185 Phone	TAT if different from Below ____			Walk-in Client:
305.412.8105 FAX	☐ 2 weeks			Lab Sampling:
Project Name: Curtis Park	☐ 1 week			Job / SDG No.: 640-47004
Site: 1901 NW 24th Ave, Miami, FL	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Metals 6010 (Sb, As, Ba, Cu, Pb, Fe)	Metals 6010/7471 (Cd, Cr, Hg, Se, Ag)	Dioxins (8290)	PCBs (8082)	Sample Specific Notes:
SB-69(0-0.5)	26-Feb-14	11:52	C	So	2			X				
SB-69(0.5-1)	"	11:54	C	So	2			X				
SB-69(1-2)	"	11:56	C	So	2			X				
SB-70(0-0.5)	"	12:10	C	So	2			X				
SB-70(0.5-1)	"	12:12	C	So	2			X				
SB-70(1-2)	"	12:14	C	So	2			X				
SB-71(0-0.5)	"	11:40	C	So	2			X				
SB-71(0.5-1)	"	11:42	C	So	2			X				
SB-71(1-2)	"	11:44	C	So	2			X				

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other

640-47004 Chain of Custody

Page 79 of 81

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for ____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: ____ Corr'd: ____ Therm ID No.: ____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	SCS	2/26/1800	[signature]		2-26-14 1530
Relinquished by: [signature]	Company:	Date/Time: 2-26-14 1800	Received by: [signature]	Company: TATPA	Date/Time: 2/27/14 9.05
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

5.9°C Cu-07

4/10/2014

TestAmerica Tallahassee
2846 Industrial Plaza Drive

Tallahassee, FL 32301
phone 850.878.3994 fax

Area 3A - Playground.

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

4/10/2014

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Eddy Smith	Site Contact: Brittney Odom	Date:	COC No:
SCS Engineers	Tel/Fax:	Lab Contact: Amy Marks	Carrier:	____ of ____ COCs
7700 North Kendall Drive	Analysis Turnaround Time			Sampler:
Miami, Florida 33156	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
305.412.8185 Phone	TAT if different from Below ____			Walk-in Client:
305.412.8105 FAX	☐ 2 weeks			Lab Sampling:
Project Name: Curtis Park	☐ 1 week			Job / SDG No.:
Site: 1901 NW 24th Ave, Miami, FL	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Metals 6010 (Sb, As, Ba, Cu, Pb, Fe)	Metals 6010/7471 (Cd, Cr, Hg, Se, Ag)	Dioxins (8290)	PCBs (8082)	Sample Specific Notes:
SB-36 (0-0.5)	26-Feb-14	9:53	C	So	2			X	X			
SB-36 (0.5-1)	"	9:55	C	So	2			X	X			
SB-36 (1-2)	"	9:57	C	So	2			X	X			
SB-37 (0-0.5)	"	9:38	C	So	2			X				
SB-37 (0.5-1.5)	"	9:40	C	So	2			X				
SB-37 (1.5-2)	"	9:42	C	So	2			X				
SB-38 (0-0.5)	"	9:38	C	So	2			X	X			
SB-38 (0.5-1)	"	9:40	C	So	2			X	X			
SB-38 (1-2)	"	9:42	C	So	2			X	X			
SB-39 (0-0.5)	"	9:26	C	So	2			X				
SB-39 (0.5-2)	"	9:28	C	So	2			X				

640-47005 Chain of Custody

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for ____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: ____ Corr'd: ____ | Therm ID No.: ____

Relinquished by:	Company: SCS	Date/Time: 2-26 1800	Received by:	Company:	Date/Time: 2-26-14 1530
Relinquished by:	Company:	Date/Time: 2-26-14 1800	Received by:	Company:	Date/Time: 2-27-14 9:05
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

20 °C CU-07

TestAmerica Tallahassee
2846 Industrial Plaza Drive

Tallahassee, FL 32301
phone 850.878.3994 fax

AREA 3 - Playground

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

4/10/2014

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Eddy Smith	Site Contact: Brittney Odom	Date:	COC No:
SCS Engineers	Tel/Fax:	Lab Contact: Amy Marks	Carrier:	____ of ____ COCs
7700 North Kendall Drive	Analysis Turnaround Time			Sampler:
Miami, Florida 33156	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
305.412.8185 Phone	TAT if different from Below ____			Walk-in Client:
305.412.8105 FAX	☐ 2 weeks			Lab Sampling:
Project Name: Curtis Park	☐ 1 week			Job / SDG No.:
Site: 1901 NW 24th Ave, Miami, FL	☐ 2 days			640-47006
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Metals 6010 (Sb, As, Ba, Cu, Pb, Fe)	Metals 6010/7471 (Cd, Cr, Hg, Se, Ag)	Dioxins (8290)	PCBs (8082)	Sample Specific Notes:
SB-32 (0-0.5)	26-Feb-14	8:47	C	So	2			X	X			
SB-32 (0.5-1)	"	8:49	C	So	2			X	X			
SB-32 (1-2)	"	8:51	C	So	2			X	X			
SB-33 (0-0.5)	"	9:08	C	So	2			X				
SB-33 (0.5-1)	"	9:10	C	So	2			X				
SB-33 (1-2)	"	9:12	C	So	2			X				
SB-34 (0-0.5)	"	9:15	C	So	2			X	X			
SB-34 (0.5-1)	"	9:17	C	So	2			X	X			
SB-34 (1-2)	"	9:19	C	So	2			X	X			
SB-35 (0-0.5)	"	9:02	C	So	2			X				
SB-35 (0.5-1.25)	"	9:04	C	So	2			X				
SB-35 (1.25-2)	"	9:06	C	So	2			X				

640-47006 Chain of Custody

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for ____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: ____ Corr'd: ____ | Therm ID No.: ____

	Company	Date/Time		Company	Date/Time
Relinquished by:	SCS	2/26/14 1800	Received by:		2-26-14 1530
Relinquished by:		2-26-14 1800	Received by:		2-27-14 9:05
Relinquished by:			Received in Laboratory by:		

2.0°C, 5.9°, 5.5°, 4.3°C cwm

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tallahassee
2846 Industrial Plaza Drive
Tallahassee, FL 32301
Tel: (850)878-3994

TestAmerica Job ID: 640-47016-1
Client Project/Site: Curtis Park

For:
SCS ES Consultants
7700 N. Kendall Drive, Suite 300
Miami, Florida 33156

Attn: Mr. Bob Speed

Authorized for release by:
3/11/2014 1:24:02 PM

Amy Marks, Project Manager II
(850)878-3994
amy.marks@testamericainc.com

Table of Contents

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.
J1	Estimated value; value may not be accurate. Surrogate recovery outside of criteria.

Metals

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 640-47016-1

Laboratory: TestAmerica Tallahassee

Narrative

Job Narrative
640-47016-1

Comments
No additional comments.

Receipt
The samples were received on 2/28/2014 at 8:00 AM. The samples arrived in good condition, properly preserved, and on ice. The temperature of the cooler at receipt was 3.7º C.

GC Semi VOA
Method 8082A: All three surrogates for the method blank (MB) associated with batch 108049 recovered outside control limits high. This blank did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8082A: Three surrogates are used for this analysis. The laboratory's SOP allows two of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following samples contained an allowable number of surrogate compounds outside limits: TMW-1 (640-47016-1), TMW-2 (640-47016-2), TMW-3 (640-47016-3), and TMW-4 (640-47016-4). These results have been reported and qualified.

No other analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Metals
Method 6010B: Aluminum results for all samples are included in the attached report per client request made on 3/10/2014.

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-47016-1

Client Sample ID: TMW-1 — Lab Sample ID: 640-47016-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	160	I	200	50	ug/L	1		6010B	Total Recoverable
Antimony	5.4	I	20	4.0	ug/L	1		6010B	Total Recoverable
Barium	160		10	2.0	ug/L	1		6010B	Total Recoverable
Chromium	2.2	I	10	2.0	ug/L	1		6010B	Total Recoverable
Iron	680		200	50	ug/L	1		6010B	Total Recoverable
Lead	3.1	I	10	2.0	ug/L	1		6010B	Total Recoverable

Client Sample ID: TMW-2 — Lab Sample ID: 640-47016-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	200		200	50	ug/L	1		6010B	Total Recoverable
Antimony	30		20	4.0	ug/L	1		6010B	Total Recoverable
Arsenic	7.2	I	10	4.0	ug/L	1		6010B	Total Recoverable
Barium	100		10	2.0	ug/L	1		6010B	Total Recoverable
Iron	280		200	50	ug/L	1		6010B	Total Recoverable
Lead	3.5	I	10	2.0	ug/L	1		6010B	Total Recoverable

Client Sample ID: TMW-3 — Lab Sample ID: 640-47016-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	300		200	50	ug/L	1		6010B	Total Recoverable
Barium	120		10	2.0	ug/L	1		6010B	Total Recoverable
Iron	980		200	50	ug/L	1		6010B	Total Recoverable
Lead	4.5	I	10	2.0	ug/L	1		6010B	Total Recoverable

Client Sample ID: TMW-4 — Lab Sample ID: 640-47016-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	33		10	2.0	ug/L	1		6010B	Total Recoverable
Iron	3300		200	50	ug/L	1		6010B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-47016-1

Client Sample ID: TMW-1
Date Collected: 02/27/14 13:50
Date Received: 02/28/14 08:00

Lab Sample ID: 640-47016-1
Matrix: Water

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.25	U	1.0	0.25	ug/L		03/05/14 15:40	03/07/14 12:27	1
PCB-1221	0.68	U	2.0	0.68	ug/L		03/05/14 15:40	03/07/14 12:27	1
PCB-1232	0.15	U	1.0	0.15	ug/L		03/05/14 15:40	03/07/14 12:27	1
PCB-1242	0.39	U	1.0	0.39	ug/L		03/05/14 15:40	03/07/14 12:27	1
PCB-1248	0.14	U	1.0	0.14	ug/L		03/05/14 15:40	03/07/14 12:27	1
PCB-1254	0.14	U	1.0	0.14	ug/L		03/05/14 15:40	03/07/14 12:27	1
PCB-1260	0.13	U	1.0	0.13	ug/L		03/05/14 15:40	03/07/14 12:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*62*		*60 - 140*	*03/05/14 15:40*	*03/07/14 12:27*	*1*
Dibutylchlorendate	*68*		*60 - 140*	*03/05/14 15:40*	*03/07/14 12:27*	*1*
DCB Decachlorobiphenyl	*56*	*J1*	*60 - 140*	*03/05/14 15:40*	*03/07/14 12:27*	*1*

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**160**	**I**	200	50	ug/L		03/04/14 14:56	03/05/14 12:54	1
Antimony	**5.4**	**I**	20	4.0	ug/L		03/04/14 14:56	03/05/14 12:54	1
Arsenic	4.0	U	10	4.0	ug/L		03/04/14 14:56	03/05/14 12:54	1
Barium	**160**		10	2.0	ug/L		03/04/14 14:56	03/05/14 12:54	1
Cadmium	1.0	U	4.0	1.0	ug/L		03/04/14 14:56	03/05/14 12:54	1
Chromium	**2.2**	**I**	10	2.0	ug/L		03/04/14 14:56	03/05/14 12:54	1
Copper	2.9	U	10	2.9	ug/L		03/04/14 14:56	03/05/14 12:54	1
Iron	**680**		200	50	ug/L		03/04/14 14:56	03/05/14 12:54	1
Lead	**3.1**	**I**	10	2.0	ug/L		03/04/14 14:56	03/05/14 12:54	1
Selenium	5.0	U	20	5.0	ug/L		03/04/14 14:56	03/05/14 12:54	1
Silver	1.0	U	4.0	1.0	ug/L		03/04/14 14:56	03/05/14 12:54	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.072	U	0.20	0.072	ug/L		03/04/14 10:03	03/04/14 15:47	1

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-47016-1

Client Sample ID: TMW-2
Date Collected: 02/27/14 13:10
Date Received: 02/28/14 08:00

Lab Sample ID: 640-47016-2
Matrix: Water

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.25	U	1.0	0.25	ug/L		02/28/14 14:09	03/05/14 16:54	1
PCB-1221	0.68	U	2.0	0.68	ug/L		02/28/14 14:09	03/05/14 16:54	1
PCB-1232	0.15	U	1.0	0.15	ug/L		02/28/14 14:09	03/05/14 16:54	1
PCB-1242	0.39	U	1.0	0.39	ug/L		02/28/14 14:09	03/05/14 16:54	1
PCB-1248	0.14	U	1.0	0.14	ug/L		02/28/14 14:09	03/05/14 16:54	1
PCB-1254	0.14	U	1.0	0.14	ug/L		02/28/14 14:09	03/05/14 16:54	1
PCB-1260	0.13	U	1.0	0.13	ug/L		02/28/14 14:09	03/05/14 16:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*92*		*60 - 140*	*02/28/14 14:09*	*03/05/14 16:54*	*1*
Dibutylchlorendate	*87*		*60 - 140*	*02/28/14 14:09*	*03/05/14 16:54*	*1*
DCB Decachlorobiphenyl	*48*	*J1*	*60 - 140*	*02/28/14 14:09*	*03/05/14 16:54*	*1*

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**200**		200	50	ug/L		03/04/14 14:56	03/05/14 13:06	1
Antimony	**30**		20	4.0	ug/L		03/04/14 14:56	03/05/14 13:06	1
Arsenic	**7.2**	**I**	10	4.0	ug/L		03/04/14 14:56	03/05/14 13:06	1
Barium	**100**		10	2.0	ug/L		03/04/14 14:56	03/05/14 13:06	1
Cadmium	1.0	U	4.0	1.0	ug/L		03/04/14 14:56	03/05/14 13:06	1
Chromium	2.0	U	10	2.0	ug/L		03/04/14 14:56	03/05/14 13:06	1
Copper	2.9	U	10	2.9	ug/L		03/04/14 14:56	03/05/14 13:06	1
Iron	**280**		200	50	ug/L		03/04/14 14:56	03/05/14 13:06	1
Lead	**3.5**	**I**	10	2.0	ug/L		03/04/14 14:56	03/05/14 13:06	1
Selenium	5.0	U	20	5.0	ug/L		03/04/14 14:56	03/05/14 13:06	1
Silver	1.0	U	4.0	1.0	ug/L		03/04/14 14:56	03/05/14 13:06	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.072	U	0.20	0.072	ug/L		03/04/14 10:03	03/04/14 15:42	1

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-47016-1

Client Sample ID: TMW-3
Date Collected: 02/27/14 11:10
Date Received: 02/28/14 08:00

Lab Sample ID: 640-47016-3
Matrix: Water

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.25	U	1.0	0.25	ug/L		02/28/14 14:09	03/05/14 17:09	1
PCB-1221	0.68	U	2.0	0.68	ug/L		02/28/14 14:09	03/05/14 17:09	1
PCB-1232	0.15	U	1.0	0.15	ug/L		02/28/14 14:09	03/05/14 17:09	1
PCB-1242	0.39	U	1.0	0.39	ug/L		02/28/14 14:09	03/05/14 17:09	1
PCB-1248	0.14	U	1.0	0.14	ug/L		02/28/14 14:09	03/05/14 17:09	1
PCB-1254	0.14	U	1.0	0.14	ug/L		02/28/14 14:09	03/05/14 17:09	1
PCB-1260	0.13	U	1.0	0.13	ug/L		02/28/14 14:09	03/05/14 17:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*130*		*60 - 140*	*02/28/14 14:09*	*03/05/14 17:09*	*1*
Dibutylchlorendate	*122*		*60 - 140*	*02/28/14 14:09*	*03/05/14 17:09*	*1*
DCB Decachlorobiphenyl	*57*	*J1*	*60 - 140*	*02/28/14 14:09*	*03/05/14 17:09*	*1*

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**300**		200	50	ug/L		03/04/14 14:56	03/05/14 13:10	1
Antimony	4.0	U	20	4.0	ug/L		03/04/14 14:56	03/05/14 13:10	1
Arsenic	4.0	U	10	4.0	ug/L		03/04/14 14:56	03/05/14 13:10	1
Barium	**120**		10	2.0	ug/L		03/04/14 14:56	03/05/14 13:10	1
Cadmium	1.0	U	4.0	1.0	ug/L		03/04/14 14:56	03/05/14 13:10	1
Chromium	2.0	U	10	2.0	ug/L		03/04/14 14:56	03/05/14 13:10	1
Copper	2.9	U	10	2.9	ug/L		03/04/14 14:56	03/05/14 13:10	1
Iron	**980**		200	50	ug/L		03/04/14 14:56	03/05/14 13:10	1
Lead	**4.5**	**I**	10	2.0	ug/L		03/04/14 14:56	03/05/14 13:10	1
Selenium	5.0	U	20	5.0	ug/L		03/04/14 14:56	03/05/14 13:10	1
Silver	1.0	U	4.0	1.0	ug/L		03/04/14 14:56	03/05/14 13:10	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.072	U	0.20	0.072	ug/L		03/04/14 10:03	03/04/14 15:49	1

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-47016-1

Client Sample ID: TMW-4
Date Collected: 02/27/14 10:25
Date Received: 02/28/14 08:00

Lab Sample ID: 640-47016-4
Matrix: Water

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.25	U	0.99	0.25	ug/L		02/28/14 14:09	03/05/14 17:24	1
PCB-1221	0.68	U	2.0	0.68	ug/L		02/28/14 14:09	03/05/14 17:24	1
PCB-1232	0.15	U	0.99	0.15	ug/L		02/28/14 14:09	03/05/14 17:24	1
PCB-1242	0.39	U	0.99	0.39	ug/L		02/28/14 14:09	03/05/14 17:24	1
PCB-1248	0.14	U	0.99	0.14	ug/L		02/28/14 14:09	03/05/14 17:24	1
PCB-1254	0.14	U	0.99	0.14	ug/L		02/28/14 14:09	03/05/14 17:24	1
PCB-1260	0.13	U	0.99	0.13	ug/L		02/28/14 14:09	03/05/14 17:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*153*	*J1*	*60 - 140*	*02/28/14 14:09*	*03/05/14 17:24*	*1*
Dibutylchlorendate	*142*	*J1*	*60 - 140*	*02/28/14 14:09*	*03/05/14 17:24*	*1*
DCB Decachlorobiphenyl	*61*		*60 - 140*	*02/28/14 14:09*	*03/05/14 17:24*	*1*

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	50	U	200	50	ug/L		03/04/14 14:56	03/05/14 13:20	1
Antimony	4.0	U	20	4.0	ug/L		03/04/14 14:56	03/05/14 13:20	1
Arsenic	4.0	U	10	4.0	ug/L		03/04/14 14:56	03/05/14 13:20	1
Barium	**33**		10	2.0	ug/L		03/04/14 14:56	03/05/14 13:20	1
Cadmium	1.0	U	4.0	1.0	ug/L		03/04/14 14:56	03/05/14 13:20	1
Chromium	2.0	U	10	2.0	ug/L		03/04/14 14:56	03/05/14 13:20	1
Copper	2.9	U	10	2.9	ug/L		03/04/14 14:56	03/05/14 13:20	1
Iron	**3300**		200	50	ug/L		03/04/14 14:56	03/05/14 13:20	1
Lead	2.0	U	10	2.0	ug/L		03/04/14 14:56	03/05/14 13:20	1
Selenium	5.0	U	20	5.0	ug/L		03/04/14 14:56	03/05/14 13:20	1
Silver	1.0	U	4.0	1.0	ug/L		03/04/14 14:56	03/05/14 13:20	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.072	U	0.20	0.072	ug/L		03/04/14 10:03	03/04/14 15:51	1

Surrogate Summary

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-47016-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)								
		TCX2	DBC1	DCB2						
Lab Sample ID	Client Sample ID	(60-140)	(60-140)	(60-140)						
640-47016-1	TMW-1	62	68	56 J1						

Surrogate Legend

TCX = Tetrachloro-m-xylene
DBC = Dibutylchlorendate
DCB = DCB Decachlorobiphenyl

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)								
		TCX2	DBC2	DCB1						
Lab Sample ID	Client Sample ID	(60-140)	(60-140)	(60-140)						
640-47016-2	TMW-2	92	87	48 J1						
640-47016-3	TMW-3	130	122	57 J1						

Surrogate Legend

TCX = Tetrachloro-m-xylene
DBC = Dibutylchlorendate
DCB = DCB Decachlorobiphenyl

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)								
		TCX1	DBC2	DCB1						
Lab Sample ID	Client Sample ID	(60-140)	(60-140)	(60-140)						
640-47016-4	TMW-4	153 J1	142 J1	61						

Surrogate Legend

TCX = Tetrachloro-m-xylene
DBC = Dibutylchlorendate
DCB = DCB Decachlorobiphenyl

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)								
		TCX1	DBC1	DCB1						
Lab Sample ID	Client Sample ID	(60-140)	(60-140)	(60-140)						
LCS 640-107936/2-A	Lab Control Sample	86	99	97						
LCS 640-108005/6-A	Lab Control Sample	83	91	91						
LCSD 640-107936/3-A	Lab Control Sample Dup	86	96	95						
LCSD 640-108005/7-A	Lab Control Sample Dup	83	93	93						
MB 640-108005/1-A	Method Blank	165 J1	166 J1	148 J1						

Surrogate Legend

TCX = Tetrachloro-m-xylene
DBC = Dibutylchlorendate
DCB = DCB Decachlorobiphenyl

Surrogate Summary

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-47016-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)							
		TCX1	DBC2	DCB2					
Lab Sample ID	Client Sample ID	(60-140)	(60-140)	(60-140)					
MB 640-107936/1-A	Method Blank	74	84	87					

Surrogate Legend

TCX = Tetrachloro-m-xylene
DBC = Dibutylchlorendate
DCB = DCB Decachlorobiphenyl

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 640-107936/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 108039 — **Prep Batch: 107936**

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.83	U	3.3	0.83	ug/L		02/28/14 14:09	03/05/14 14:25	1
PCB-1221	2.2	U	6.6	2.2	ug/L		02/28/14 14:09	03/05/14 14:25	1
PCB-1232	0.50	U	3.3	0.50	ug/L		02/28/14 14:09	03/05/14 14:25	1
PCB-1242	1.3	U	3.3	1.3	ug/L		02/28/14 14:09	03/05/14 14:25	1
PCB-1248	0.46	U	3.3	0.46	ug/L		02/28/14 14:09	03/05/14 14:25	1
PCB-1254	0.46	U	3.3	0.46	ug/L		02/28/14 14:09	03/05/14 14:25	1
PCB-1260	0.43	U	3.3	0.43	ug/L		02/28/14 14:09	03/05/14 14:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*74*		*60 - 140*	*02/28/14 14:09*	*03/05/14 14:25*	*1*
Dibutylchlorendate	*84*		*60 - 140*	*02/28/14 14:09*	*03/05/14 14:25*	*1*
DCB Decachlorobiphenyl	*87*		*60 - 140*	*02/28/14 14:09*	*03/05/14 14:25*	*1*

Lab Sample ID: LCS 640-107936/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 108039 — **Prep Batch: 107936**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
PCB-1016			22.7	24.8		ug/L		109	37 - 133		
PCB-1260			22.7	23.9		ug/L		105	51 - 131		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*86*		*60 - 140*
Dibutylchlorendate	*99*		*60 - 140*
DCB Decachlorobiphenyl	*97*		*60 - 140*

Lab Sample ID: LCSD 640-107936/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 108039 — **Prep Batch: 107936**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016			22.7	24.2		ug/L		106	37 - 133	3	28
PCB-1260			22.7	23.4		ug/L		103	51 - 131	2	22

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*86*		*60 - 140*
Dibutylchlorendate	*96*		*60 - 140*
DCB Decachlorobiphenyl	*95*		*60 - 140*

Lab Sample ID: MB 640-108005/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 108049 — **Prep Batch: 108005**

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.25	U	1.0	0.25	ug/L		03/05/14 15:30	03/07/14 11:41	1
PCB-1221	0.68	U	2.0	0.68	ug/L		03/05/14 15:30	03/07/14 11:41	1
PCB-1232	0.15	U	1.0	0.15	ug/L		03/05/14 15:30	03/07/14 11:41	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 640-108005/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 108049 — **Prep Batch: 108005**

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1242	0.39	U	1.0	0.39	ug/L		03/05/14 15:30	03/07/14 11:41	1
PCB-1248	0.14	U	1.0	0.14	ug/L		03/05/14 15:30	03/07/14 11:41	1
PCB-1254	0.14	U	1.0	0.14	ug/L		03/05/14 15:30	03/07/14 11:41	1
PCB-1260	0.13	U	1.0	0.13	ug/L		03/05/14 15:30	03/07/14 11:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*165*	*J1*	*60 - 140*	*03/05/14 15:30*	*03/07/14 11:41*	*1*
Dibutylchlorendate	*166*	*J1*	*60 - 140*	*03/05/14 15:30*	*03/07/14 11:41*	*1*
DCB Decachlorobiphenyl	*148*	*J1*	*60 - 140*	*03/05/14 15:30*	*03/07/14 11:41*	*1*

Lab Sample ID: LCS 640-108005/6-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 108049 — **Prep Batch: 108005**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
PCB-1016			6.76	6.33		ug/L		94	37 - 133		
PCB-1260			6.76	6.72		ug/L		100	51 - 131		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*83*		*60 - 140*
Dibutylchlorendate	*91*		*60 - 140*
DCB Decachlorobiphenyl	*91*		*60 - 140*

Lab Sample ID: LCSD 640-108005/7-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 108049 — **Prep Batch: 108005**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016			6.76	6.29		ug/L		93	37 - 133	1	28
PCB-1260			6.76	6.80		ug/L		101	51 - 131	1	22

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*83*		*60 - 140*
Dibutylchlorendate	*93*		*60 - 140*
DCB Decachlorobiphenyl	*93*		*60 - 140*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 660-146660/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 146686 — **Prep Batch: 146660**

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	50	U	200	50	ug/L		03/04/14 14:56	03/05/14 12:40	1
Antimony	4.0	U	20	4.0	ug/L		03/04/14 14:56	03/05/14 12:40	1
Arsenic	4.0	U	10	4.0	ug/L		03/04/14 14:56	03/05/14 12:40	1
Barium	2.0	U	10	2.0	ug/L		03/04/14 14:56	03/05/14 12:40	1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: MB 660-146660/1-A
Matrix: Water
Analysis Batch: 146686

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 146660

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	1.0	U	4.0	1.0	ug/L		03/04/14 14:56	03/05/14 12:40	1
Chromium	2.0	U	10	2.0	ug/L		03/04/14 14:56	03/05/14 12:40	1
Copper	2.9	U	10	2.9	ug/L		03/04/14 14:56	03/05/14 12:40	1
Iron	50	U	200	50	ug/L		03/04/14 14:56	03/05/14 12:40	1
Lead	2.0	U	10	2.0	ug/L		03/04/14 14:56	03/05/14 12:40	1
Selenium	5.0	U	20	5.0	ug/L		03/04/14 14:56	03/05/14 12:40	1
Silver	1.0	U	4.0	1.0	ug/L		03/04/14 14:56	03/05/14 12:40	1

Lab Sample ID: LCS 660-146660/2-A
Matrix: Water
Analysis Batch: 146686

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 146660

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	1000	1030		ug/L		103	80 - 120
Antimony	1000	1030		ug/L		103	80 - 120
Arsenic	1000	1040		ug/L		104	80 - 120
Barium	1000	1020		ug/L		102	80 - 120
Cadmium	1000	1030		ug/L		103	80 - 120
Chromium	1000	1060		ug/L		106	80 - 120
Copper	1000	1020		ug/L		102	80 - 120
Iron	1000	1050		ug/L		105	80 - 120
Lead	1000	1080		ug/L		108	80 - 120
Selenium	1000	1050		ug/L		105	80 - 120
Silver	1000	1010		ug/L		101	80 - 120

Lab Sample ID: LCSD 660-146660/3-A
Matrix: Water
Analysis Batch: 146686

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 146660

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	1000	1040		ug/L		104	80 - 120	1	20
Antimony	1000	1030		ug/L		103	80 - 120	0	20
Arsenic	1000	1040		ug/L		104	80 - 120	0	20
Barium	1000	1010		ug/L		101	80 - 120	1	20
Cadmium	1000	1030		ug/L		103	80 - 120	0	20
Chromium	1000	1060		ug/L		106	80 - 120	0	20
Copper	1000	1030		ug/L		103	80 - 120	0	20
Iron	1000	1050		ug/L		105	80 - 120	0	20
Lead	1000	1070		ug/L		107	80 - 120	0	20
Selenium	1000	1040		ug/L		104	80 - 120	1	20
Silver	1000	1010		ug/L		101	80 - 120	0	20

Lab Sample ID: 640-47016-1 MS
Matrix: Water
Analysis Batch: 146686

Client Sample ID: TMW-1
Prep Type: Total Recoverable
Prep Batch: 146660

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	160	I	1000	1340		ug/L		118	80 - 120
Antimony	5.4	I	1000	1050		ug/L		105	80 - 120

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 640-47016-1 MS
Matrix: Water
Analysis Batch: 146686

Client Sample ID: TMW-1
Prep Type: Total Recoverable
Prep Batch: 146660

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	4.0	U	1000	1070		ug/L		107	80 - 120
Barium	160		1000	1160		ug/L		99	80 - 120
Cadmium	1.0	U	1000	1040		ug/L		104	80 - 120
Chromium	2.2	I	1000	1060		ug/L		105	80 - 120
Copper	2.9	U	1000	1040		ug/L		104	80 - 120
Iron	680		1000	1670		ug/L		100	80 - 120
Lead	3.1	I	1000	1060		ug/L		105	80 - 120
Selenium	5.0	U	1000	1080		ug/L		108	80 - 120
Silver	1.0	U	1000	1010		ug/L		101	80 - 120

Lab Sample ID: 640-47016-1 MSD
Matrix: Water
Analysis Batch: 146686

Client Sample ID: TMW-1
Prep Type: Total Recoverable
Prep Batch: 146660

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	160	I	1000	1310		ug/L		115	80 - 120	2	20
Antimony	5.4	I	1000	1050		ug/L		104	80 - 120	1	20
Arsenic	4.0	U	1000	1080		ug/L		108	80 - 120	0	20
Barium	160		1000	1160		ug/L		100	80 - 120	1	20
Cadmium	1.0	U	1000	1040		ug/L		104	80 - 120	1	20
Chromium	2.2	I	1000	1050		ug/L		105	80 - 120	0	20
Copper	2.9	U	1000	1030		ug/L		103	80 - 120	2	20
Iron	680		1000	1670		ug/L		99	80 - 120	0	20
Lead	3.1	I	1000	1050		ug/L		104	80 - 120	1	20
Selenium	5.0	U	1000	1080		ug/L		108	80 - 120	0	20
Silver	1.0	U	1000	999		ug/L		100	80 - 120	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 660-146661/13-A
Matrix: Water
Analysis Batch: 146664

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 146661

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.072	U	0.20	0.072	ug/L		03/04/14 10:03	03/04/14 15:37	1

Lab Sample ID: LCS 660-146661/14-A
Matrix: Water
Analysis Batch: 146664

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 146661

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	1.40	1.28		ug/L		91	80 - 120

Lab Sample ID: 640-47016-2 MS
Matrix: Water
Analysis Batch: 146664

Client Sample ID: TMW-2
Prep Type: Total/NA
Prep Batch: 146661

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.072	U	1.40	1.20		ug/L		86	80 - 120

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: 640-47016-2 MSD
Matrix: Water
Analysis Batch: 146664

Client Sample ID: TMW-2
Prep Type: Total/NA
Prep Batch: 146661

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.072	U	1.40	1.21		ug/L		87	80 - 120	1	20

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Prep Batch: 107936

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47016-2	TMW-2	Total/NA	Water	3511	
640-47016-3	TMW-3	Total/NA	Water	3511	
640-47016-4	TMW-4	Total/NA	Water	3511	
LCS 640-107936/2-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 640-107936/3-A	Lab Control Sample Dup	Total/NA	Water	3511	
MB 640-107936/1-A	Method Blank	Total/NA	Water	3511	

Prep Batch: 108005

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47016-1	TMW-1	Total/NA	Water	3511	
LCS 640-108005/6-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 640-108005/7-A	Lab Control Sample Dup	Total/NA	Water	3511	
MB 640-108005/1-A	Method Blank	Total/NA	Water	3511	

Analysis Batch: 108039

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47016-2	TMW-2	Total/NA	Water	8082A	107936
640-47016-3	TMW-3	Total/NA	Water	8082A	107936
640-47016-4	TMW-4	Total/NA	Water	8082A	107936
LCS 640-107936/2-A	Lab Control Sample	Total/NA	Water	8082A	107936
LCSD 640-107936/3-A	Lab Control Sample Dup	Total/NA	Water	8082A	107936
MB 640-107936/1-A	Method Blank	Total/NA	Water	8082A	107936

Analysis Batch: 108049

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47016-1	TMW-1	Total/NA	Water	8082A	108005
LCS 640-108005/6-A	Lab Control Sample	Total/NA	Water	8082A	108005
LCSD 640-108005/7-A	Lab Control Sample Dup	Total/NA	Water	8082A	108005
MB 640-108005/1-A	Method Blank	Total/NA	Water	8082A	108005

Metals

Prep Batch: 146660

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47016-1	TMW-1	Total Recoverable	Water	3005A	
640-47016-1 MS	TMW-1	Total Recoverable	Water	3005A	
640-47016-1 MSD	TMW-1	Total Recoverable	Water	3005A	
640-47016-2	TMW-2	Total Recoverable	Water	3005A	
640-47016-3	TMW-3	Total Recoverable	Water	3005A	
640-47016-4	TMW-4	Total Recoverable	Water	3005A	
LCS 660-146660/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
LCSD 660-146660/3-A	Lab Control Sample Dup	Total Recoverable	Water	3005A	
MB 660-146660/1-A	Method Blank	Total Recoverable	Water	3005A	

Prep Batch: 146661

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47016-1	TMW-1	Total/NA	Water	7470A	
640-47016-2	TMW-2	Total/NA	Water	7470A	
640-47016-2 MS	TMW-2	Total/NA	Water	7470A	
640-47016-2 MSD	TMW-2	Total/NA	Water	7470A	

Metals (Continued)

Prep Batch: 146661 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47016-3	TMW-3	Total/NA	Water	7470A	
640-47016-4	TMW-4	Total/NA	Water	7470A	
LCS 660-146661/14-A	Lab Control Sample	Total/NA	Water	7470A	
MB 660-146661/13-A	Method Blank	Total/NA	Water	7470A	

Analysis Batch: 146664

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47016-1	TMW-1	Total/NA	Water	7470A	146661
640-47016-2	TMW-2	Total/NA	Water	7470A	146661
640-47016-2 MS	TMW-2	Total/NA	Water	7470A	146661
640-47016-2 MSD	TMW-2	Total/NA	Water	7470A	146661
640-47016-3	TMW-3	Total/NA	Water	7470A	146661
640-47016-4	TMW-4	Total/NA	Water	7470A	146661
LCS 660-146661/14-A	Lab Control Sample	Total/NA	Water	7470A	146661
MB 660-146661/13-A	Method Blank	Total/NA	Water	7470A	146661

Analysis Batch: 146686

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47016-1	TMW-1	Total Recoverable	Water	6010B	146660
640-47016-1 MS	TMW-1	Total Recoverable	Water	6010B	146660
640-47016-1 MSD	TMW-1	Total Recoverable	Water	6010B	146660
640-47016-2	TMW-2	Total Recoverable	Water	6010B	146660
640-47016-3	TMW-3	Total Recoverable	Water	6010B	146660
640-47016-4	TMW-4	Total Recoverable	Water	6010B	146660
LCS 660-146660/2-A	Lab Control Sample	Total Recoverable	Water	6010B	146660
LCSD 660-146660/3-A	Lab Control Sample Dup	Total Recoverable	Water	6010B	146660
MB 660-146660/1-A	Method Blank	Total Recoverable	Water	6010B	146660

Lab Chronicle

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-47016-1

Client Sample ID: TMW-1

Lab Sample ID: 640-47016-1

Date Collected: 02/27/14 13:50

Matrix: Water

Date Received: 02/28/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3511			108005	03/05/14 15:40	LKS	TAL TAL
Total/NA	Analysis	8082A		1	108049	03/07/14 12:27	MLT	TAL TAL
Total/NA	Prep	7470A			146661	03/04/14 10:03	RAG	TAL TAM
Total/NA	Analysis	7470A		1	146664	03/04/14 15:47	RAG	TAL TAM
Total Recoverable	Prep	3005A			146660	03/04/14 14:56	GAF	TAL TAM
Total Recoverable	Analysis	6010B		1	146686	03/05/14 12:54	GAF	TAL TAM

Client Sample ID: TMW-2

Lab Sample ID: 640-47016-2

Date Collected: 02/27/14 13:10

Matrix: Water

Date Received: 02/28/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3511			107936	02/28/14 14:09	LKS	TAL TAL
Total/NA	Analysis	8082A		1	108039	03/05/14 16:54	MLT	TAL TAL
Total/NA	Prep	7470A			146661	03/04/14 10:03	RAG	TAL TAM
Total/NA	Analysis	7470A		1	146664	03/04/14 15:42	RAG	TAL TAM
Total Recoverable	Prep	3005A			146660	03/04/14 14:56	GAF	TAL TAM
Total Recoverable	Analysis	6010B		1	146686	03/05/14 13:06	GAF	TAL TAM

Client Sample ID: TMW-3

Lab Sample ID: 640-47016-3

Date Collected: 02/27/14 11:10

Matrix: Water

Date Received: 02/28/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3511			107936	02/28/14 14:09	LKS	TAL TAL
Total/NA	Analysis	8082A		1	108039	03/05/14 17:09	MLT	TAL TAL
Total/NA	Prep	7470A			146661	03/04/14 10:03	RAG	TAL TAM
Total/NA	Analysis	7470A		1	146664	03/04/14 15:49	RAG	TAL TAM
Total Recoverable	Prep	3005A			146660	03/04/14 14:56	GAF	TAL TAM
Total Recoverable	Analysis	6010B		1	146686	03/05/14 13:10	GAF	TAL TAM

Client Sample ID: TMW-4

Lab Sample ID: 640-47016-4

Date Collected: 02/27/14 10:25

Matrix: Water

Date Received: 02/28/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3511			107936	02/28/14 14:09	LKS	TAL TAL
Total/NA	Analysis	8082A		1	108039	03/05/14 17:24	MLT	TAL TAL
Total/NA	Prep	7470A			146661	03/04/14 10:03	RAG	TAL TAM
Total/NA	Analysis	7470A		1	146664	03/04/14 15:51	RAG	TAL TAM
Total Recoverable	Prep	3005A			146660	03/04/14 14:56	GAF	TAL TAM
Total Recoverable	Analysis	6010B		1	146686	03/05/14 13:20	GAF	TAL TAM

Lab Chronicle

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-47016-1

Laboratory References:

TAL TAL = TestAmerica Tallahassee, 2846 Industrial Plaza Drive, Tallahassee, FL 32301, TEL (850)878-3994

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-47016-1

Laboratory: TestAmerica Tallahassee

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E81005	06-30-14
Georgia	State Program	4		06-30-14
Louisiana	NELAP	6	30663	06-30-14
New Jersey	NELAP	2	FL012	06-30-14
Texas	NELAP	6	T104704459-11-2	03-31-14 *
USDA	Federal		P330-08-00158	08-05-14

Laboratory: TestAmerica Tampa

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alabama	State Program	4	40610	06-30-14
Florida	NELAP	4	E84282	06-30-14
Georgia	State Program	4	905	06-30-14
USDA	Federal		P330-11-00177	04-20-14

* Expired certification is currently pending renewal and is considered valid.

Method Summary

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-47016-1

Method	Method Description	Protocol	Laboratory
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL TAL
6010B	Metals (ICP)	SW846	TAL TAM
7470A	Mercury (CVAA)	SW846	TAL TAM

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAL = TestAmerica Tallahassee, 2846 Industrial Plaza Drive, Tallahassee, FL 32301, TEL (850)878-3994

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Sample Summary

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-47016-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
640-47016-1	TMW-1	Water	02/27/14 13:50	02/28/14 08:00
640-47016-2	TMW-2	Water	02/27/14 13:10	02/28/14 08:00
640-47016-3	TMW-3	Water	02/27/14 11:10	02/28/14 08:00
640-47016-4	TMW-4	Water	02/27/14 10:25	02/28/14 08:00

Chain of Custody Record

TestAmerica Tallahassee
2846 Industrial Plaza Drive

Tallahassee, FL 32301
phone 850.878.3994 fax

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

3/11/2014

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Eddy Smith	Site Contact: Brittney Odom	Date: Feb 27, 2014	COC No:
SCS Engineers	Tel/Fax:	Lab Contact: Amy Marks	Carrier:	1 of 1 COCs
7700 North Kendall Drive	**Analysis Turnaround Time**			Sampler: D. Balladares
Miami, Florida 33156	☐ CALENDAR DAYS ☐ WORKING DAYS			**For Lab Use Only:**
305.412.8185 Phone	TAT if different from Below _____			Walk-in Client:
305.412.8105 FAX	☐ 2 weeks			Lab Sampling:
Project Name: Curtis Park	☒ 1 week			Job / SDG No.: 640-47016
Site: 1901 NW 24th Ave, Miami, FL	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Metals 6010 (Sb, Ba, Cu, Pb, Fe)	Metals 6010/7471 (Cr, Hg, Se, Ag)	Dioxins (8290)	PCBs (8082)	Cd, As (Metals)	Sample Specific Notes:
TMW-1	2-27-14	13:50	G	W	5	N		X	X	X	X	X	
TMW-2		13:10	G		6	N		X	X	X	X	X	
TMW-3 [redacted]		~~10:25~~ 11:10	G		6	N		X	X	X	X	X	Sample time 11:10
TMW-4		~~10:30~~ 10:25	G		6	N		X	X	X	X	X	Sample time 10:25
Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4=HNO3, 5=NaOH, 6= Other								3	3		3		

640-47016 Chain of Custody

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for_____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: 3.7 Corr'd:_____ Therm ID No.:_____

	Company:	Date/Time:		Company:	Date/Time:
Relinquished by:	SCS ES	2-27-14 1500	Received by:	TAL	2-27-14 1500
Relinquished by:	TAL	2-27-14 1800	Received by:	TAL	2-28-14 0800
Relinquished by:	Company:	Date/Time:	~~Received~~ in Laboratory by:	Company:	Date/Time:

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tallahassee
2846 Industrial Plaza Drive
Tallahassee, FL 32301
Tel: (850)878-3994

TestAmerica Job ID: 640-47016-2
Client Project/Site: Curtis Park

For:
SCS ES Consultants
7700 N. Kendall Drive, Suite 300
Miami, Florida 33156

Attn: Mr. Bob Speed

Authorized for release by:
3/25/2014 12:40:46 PM

Amy Marks, Project Manager II
(850)878-3994
amy.marks@testamericainc.com

Table of Contents

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-47016-2

Qualifiers

DIOXIN

Qualifier	Qualifier Description
U	The compound was analyzed for but not detected.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
J	Estimated value; value may not be accurate.
V	Indicates the analyte was detected in both the sample and method blank.
J1	Surrogate recovery limits have been exceeded.
C	See case narrative.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 640-47016-2

Laboratory: TestAmerica Tallahassee

Narrative

Dioxin/Furan results only are included in the attached report. All other results are reported under TestAmerica job 640-47016-1.

This report shall not be reproduced except in full, without the written approval of the laboratory.

The original chain of custody documentation is included with this report.

Sample Receipt

The samples were received on 2/28/2014 8:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.7º C.

Quality Control and Data Interpretation

Unless otherwise noted, all holding times and QC criteria were met and the test results shown in this report meet all applicable NELAC requirements.

All QC criteria were met with the following exception:

For sample TMW-4 the recovery of internal standard 13C-OCDF was 37%, exceeding the lower acceptance criterion (40%). The minimum required signal-to-noise ratio was present, and the target estimated detection limit for associated analytes was met. The results are reported in accordance with the standard operating procedure. As indicated by the referenced method, isotope dilution techniques produce results that are independent of internal standard recovery.

The following flags are used to qualify results for chlorinated dioxin and furan results:

I - The reported result is an estimate. The amount reported is below the Minimum Level (ML). The qualitative definition of the ML is "the lowest level at which the analytical system must give a reliable signal and an acceptable calibration point". The ML was introduced in EPA Methods 1624 and 1625 in 1980 and was promulgated in these methods in 1984 at 40 CFR Part 136, Appendix A. For the purposes of this report, the ML is qualitatively defined as described above, and quantitatively defined as follows:

Minimum Level: The concentration or mass of analyte in the sample that corresponds to the lowest calibration level in the initial calibration. It represents a concentration (in the sample extract) equivalent to that of the lowest calibration standard, after corrections for method-specified sample weights, volumes and cleanup procedures has been employed.

Example: The lowest calibration level for TCDD in the initial calibration is 0.5 pg/uL. A mass of 10 pg of 2,3,7,8-TCDD in the sample would result in a concentration of 0.5 pg/uL in the sample extract (at a final volume of 20 uL). Since the concentration in the sample extract corresponds to the concentration in the lowest calibration standard, the 10 pg mass in the sample components is the ML. If the sample extract is further diluted, the ML will increase by the dilution factor.

Example: A 1/10 dilution is performed on the sample extract described above. The ML for 2,3,7,8-TCDD becomes 100 pg rather than the default of 10 pg.

L - The reported result is an estimate. The amount reported is above the Upper Calibration Level (UCL) described below. The quantitative definition of the UCL is listed below:

Upper Calibration Level: The concentration or mass of analyte in the sample that corresponds to the highest calibration level in the initial calibration. It is equivalent to the concentration of the highest calibration standard, assuming that all method-specified sample weights, volumes, and cleanup procedures have been employed.

Example: The maximum calibration level for TCDD in the initial calibration is 200 pg/uL. A mass of 4000 pg of 2,3,7,8-TCDD in the sampling components would result in a concentration of 200 pg/uL in the sample extract (at a final volume of 20 uL). Since the concentration in the sample extract corresponds to the concentration in the highest calibration standard, the 4000 pg mass in the sample components is the UCL. If the sample extract is further diluted, the ML will increase by the dilution factor.

Example: A 1/10 dilution is performed on the sample extract described above. The UCL for 2,3,7,8-TCDD becomes 40,000 pg rather

Job ID: 640-47016-2 (Continued)

Laboratory: TestAmerica Tallahassee (Continued)

than the default of 4000 pg. In this example, all positive 2,3,7,8-TCDD results above 40,000 pg are flagged with an E.

V - The analyte is present in the associated method blank at a detectable level. For this analysis, there is no method specified reporting level other than the qualitative criterion that peaks must exhibit a signal-to-noise ratio of >2.5 to 1. Therefore, the presence of any reportable amount of the analyte in the blank will result in a B qualifier on all associated samples.

J - Estimated maximum possible concentration. This qualifier is used when the result is generated from chromatographic data that does not meet all the qualitative criteria for a positive identification given in the method. These may include one or more of the following:

- Ion abundance ratios must be within specified limits (+/-15% of theoretical ion abundance ratio).
- Retention time criteria (relative to the method-specified isotope labeled retention time standard).
- Co-maximization criterion. The two quantitation ion peaks must reach their maxima within 2 seconds of each other.
- 2,3,7,8-TCDF result is reported from the non-isomer specific Rtx-5 column.
- Polychlorinated dibenzofuran purity. An interference may be present on the indicated polychlorinated dibenzofuran when a polychlorinated diphenyl ether peak is present and maximizes within +/- 3 seconds of the dibenzofuran candidate.

S - Ion suppression evident. The trace indicating the signal from the lock mass of the calibration compound shows a deflection at the retention time of the analyte. This may indicate a temporary suppression of the instrument sensitivity due to a matrix-borne interference.

C - Coeluting Isomer. The isomer is known to coelute with another member of its homologue group, or the peak shape is shouldered, indicating the likelihood of a coeluting isomer.

X - Other. See explanation in narrative.

Laboratory studies supporting risk assessment and Total Maximum Daily Load (TMDL) evaluations, frequently use qualified data reported as low as the Method Detection Limit (MDL), or the Estimated Detection Limit (EDL). Several of EPA's isotope dilution methods employ the EDL.1,2,3 The EDL is based on a direct measurement of the signal-to-noise (S/N) ratio acquired during sample analysis. This S/N measurement is used to calculate the concentration in the sample corresponding to the minimum intensity of the smallest quantifiable peak. The EDL reflects the amount of the particular analyte which would be required to cause a positive result for the particular analysis. Because the S/N obtained covaries with recovery, instrument sensitivity and sample-specific cleanup efficacy, the EDL is a more valid measure of the sensitivity of the entire analytical process for the specific sample than is an MDL run periodically on a reference matrix. The EDL is typically calculated according to the following equation:

Where:

N	=	peak to peak noise of quantitation ion signal in the region of the ion chromatogram where the compound of interest is expected to elute
His	=	peak height of quantitation ion for appropriate internal standard
Qis	=	ng of internal standard added to sample
RRF	=	mean relative response factor of compound obtained during initial calibration
W	=	amount of sample extracted (grams or liters)
S	=	percent solids (optional, if results are requested to be reported on dry weight basis)

(The area of the internal standard is sometimes used instead of height, along with an area-to-height conversion factor.)

This method of estimating the detection limit differs from the MDL in that it does not carry the requirement that the sample be statistically distinguished as being from a contaminated population. As results approach the EDL, the risk of false positives and the analytical uncertainty increase significantly. However, a low false positive well below the ML or MDL is often closer to the true value than an assumption that the target analyte is present at the detection or reporting limits. For relatively clean samples, MDL studies may give an elevated estimate of the detection limit. Additionally, on contaminated samples, the MDL may give a falsely low estimate of the detection limit.

Job ID: 640-47016-2 (Continued)

Laboratory: TestAmerica Tallahassee (Continued)

Where:

As	=	Sum of areas of the target peaks
Qis	=	ng of internal standard added to sample
Ais	=	Sum of areas of the internal standard peaks
RRF	=	mean relative response factor of compound obtained during initial calibration
W	=	amount of sample extracted (grams or liters)
S	=	percent solids (optional, if results are requested to be reported on dry weight basis)

In sample data, peaks must have an intensity of >2.5 times the height of the background noise in order to be considered. Careful examination of the two equations above reveals that for the concentration of the smallest peak detectable (per the EDL equation) to exactly equal the smallest peaks that are calculated, requires that the average height to area ratio obtained during the calibration must equal the area to height ratio for every peak obtained near 2.5 times the noise. When the area to height ratio on a peak in a sample is less than the average obtained during calibration, the calculated result will correspond to a peak that would have been less than 2.5 times the noise on the calibration. This is the result of normal variability. Because the source methods for the EDL (SW-846 8290 and 8280A) do not provide for censoring of results by any other magnitude standard than being 2.5 times the noise, the laboratory does not censor at the calculated EDL. Hence, detections may be reported below the estimated detection limits.

Footnotes:

1. Code of Federal Regulations, Part 136, Chapter 1, Appendix 1, October 1994: Method 1613 Tetra- Through Octa-Chlorinated Dioxins and Furans by Isotope Dilution High Resolution Gas Chromatography/High Resolution Mass Spectrometry.
2. U.S. EPA. Test Methods for Evaluating Solid Waste, Volume II, SW-846, Update III, December 1996. Method 8280A: The Analysis of Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans by High Resolution Gas Chromatography/Low Resolution Mass Spectrometry.
3. U.S. EPA. Test Methods for Evaluating Solid Waste, SW-846. Third Edition. March 1995 Method 8290: Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans by High Resolution Gas Chromatography/High Resolution Mass Spectrometry.

Detection Summary

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-47016-2

Client Sample ID: TMW-1 — Lab Sample ID: 640-47016-1

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	Dil Fac	D	Method	Prep Type
1,2,3,4,7,8-HxCDD	0.44	I	48	0.096	0.1	0.044	pg/L	1		8290	Total
1,2,3,6,7,8-HxCDD	0.27	J I	48	0.10	0.1	0.027	pg/L	1		8290	Total
1,2,3,4,6,7,8-HpCDD	1.2	J V I	48	0.12	0.01	0.012	pg/L	1		8290	Total
OCDD	2.3	J V I	96	0.079	0.0003	0.00069	pg/L	1		8290	Total
2,3,7,8-TCDF	0.063	I	9.6	0.061	0.1	0.0063	pg/L	1		8290	Total
1,2,3,7,8-PeCDF	0.14	J V I	48	0.094	0.03	0.0042	pg/L	1		8290	Total
2,3,4,7,8-PeCDF	0.045	J I	48	0.095	0.3	0.014	pg/L	1		8290	Total
1,2,3,4,7,8-HxCDF	0.40	J V I	48	0.060	0.1	0.040	pg/L	1		8290	Total
1,2,3,6,7,8-HxCDF	0.65	J V I	48	0.058	0.1	0.065	pg/L	1		8290	Total
2,3,4,6,7,8-HxCDF	0.91	V I	48	0.058	0.1	0.091	pg/L	1		8290	Total
1,2,3,7,8,9-HxCDF	0.26	J V I	48	0.068	0.1	0.026	pg/L	1		8290	Total
1,2,3,4,6,7,8-HpCDF	0.54	J V I	48	0.027	0.01	0.0054	pg/L	1		8290	Total
OCDF	0.18	J V I	96	0.036	0.0003	0.000054	pg/L	1		8290	Total

Client Sample ID: TMW-2 — Lab Sample ID: 640-47016-2

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	Dil Fac	D	Method	Prep Type
1,2,3,6,7,8-HxCDD	0.39	J I	48	0.10	0.1	0.039	pg/L	1		8290	Total
1,2,3,4,6,7,8-HpCDD	0.31	J V I	48	0.14	0.01	0.0031	pg/L	1		8290	Total
OCDD	3.8	J V I	97	0.14	0.0003	0.0011	pg/L	1		8290	Total
1,2,3,7,8-PeCDF	0.32	J V I	48	0.15	0.03	0.0096	pg/L	1		8290	Total
1,2,3,4,7,8,9-HpCDF	0.061	J V I	48	0.061	0.01	0.00061	pg/L	1		8290	Total
OCDF	0.54	J V I	97	0.090	0.0003	0.00016	pg/L	1		8290	Total

Client Sample ID: TMW-3 — Lab Sample ID: 640-47016-3

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	Dil Fac	D	Method	Prep Type
1,2,3,7,8-PeCDD	0.21	I	49	0.038	1	0.21	pg/L	1		8290	Total
1,2,3,6,7,8-HxCDD	0.47	J I	49	0.11	0.1	0.047	pg/L	1		8290	Total
1,2,3,7,8,9-HxCDD	0.55	J V I	49	0.10	0.1	0.055	pg/L	1		8290	Total
1,2,3,4,6,7,8-HpCDD	3.8	J V I	49	0.19	0.01	0.038	pg/L	1		8290	Total
OCDD	14	V I	98	0.18	0.0003	0.0042	pg/L	1		8290	Total
1,2,3,7,8-PeCDF	0.40	J V I	49	0.093	0.03	0.012	pg/L	1		8290	Total
2,3,4,7,8-PeCDF	0.20	J I	49	0.10	0.3	0.060	pg/L	1		8290	Total
1,2,3,4,7,8-HxCDF	0.23	J V I	49	0.099	0.1	0.023	pg/L	1		8290	Total
1,2,3,6,7,8-HxCDF	0.71	J V I	49	0.096	0.1	0.071	pg/L	1		8290	Total
2,3,4,6,7,8-HxCDF	0.21	J V I	49	0.10	0.1	0.021	pg/L	1		8290	Total
1,2,3,7,8,9-HxCDF	0.47	J V I	49	0.13	0.1	0.047	pg/L	1		8290	Total
1,2,3,4,6,7,8-HpCDF	0.82	J V I	49	0.034	0.01	0.0082	pg/L	1		8290	Total
1,2,3,4,7,8,9-HpCDF	0.42	J V I	49	0.056	0.01	0.0042	pg/L	1		8290	Total
OCDF	2.3	V I	98	0.062	0.0003	0.00069	pg/L	1		8290	Total

Client Sample ID: TMW-4 — Lab Sample ID: 640-47016-4

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	Dil Fac	D	Method	Prep Type
1,2,3,4,7,8-HxCDD	0.11	J I	48	0.074	0.1	0.011	pg/L	1		8290	Total
1,2,3,6,7,8-HxCDD	0.20	J I	48	0.076	0.1	0.020	pg/L	1		8290	Total
1,2,3,7,8,9-HxCDD	0.37	J V I	48	0.071	0.1	0.037	pg/L	1		8290	Total
1,2,3,4,6,7,8-HpCDD	0.55	J V I	48	0.13	0.01	0.0055	pg/L	1		8290	Total
OCDD	2.8	V I	96	0.14	0.0003	0.00084	pg/L	1		8290	Total

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-47016-2

Client Sample ID: TMW-4 (Continued)

Lab Sample ID: 640-47016-4

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	Dil Fac	D	Method	Prep Type
1,2,3,7,8-PeCDF	0.36	J V I	48	0.094	0.03	0.011	pg/L	1		8290	Total
2,3,4,7,8-PeCDF	0.28	I	48	0.10	0.3	0.084	pg/L	1		8290	Total
1,2,3,4,7,8-HxCDF	0.30	J V I	48	0.080	0.1	0.030	pg/L	1		8290	Total
2,3,4,6,7,8-HxCDF	0.15	J V I	48	0.081	0.1	0.015	pg/L	1		8290	Total
1,2,3,7,8,9-HxCDF	0.30	J V I	48	0.10	0.1	0.030	pg/L	1		8290	Total
1,2,3,4,6,7,8-HpCDF	0.062	J V I	48	0.032	0.01	0.00062	pg/L	1		8290	Total
1,2,3,4,7,8,9-HpCDF	0.12	J V I	48	0.055	0.01	0.0012	pg/L	1		8290	Total
OCDF	0.70	V I	96	0.058	0.0003	0.00021	pg/L	1		8290	Total

This Detection Summary does not include radiochemical test results.

Client Sample ID: TMW-1
Date Collected: 02/27/14 13:50
Date Received: 02/28/14 08:00

Lab Sample ID: 640-47016-1
Matrix: Water

Method: 8290 - Dioxins/Furans, HRGC/HRMS (8290)

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	D	Prepared	Analyzed	Dil Fac
2,3,7,8-TCDD	0.031	U	9.6	0.031	1	0.016	pg/L		03/11/14 10:00	03/14/14 17:25	1
1,2,3,7,8-PeCDD	0.029	U	48	0.029	1	0.015	pg/L		03/11/14 10:00	03/14/14 17:25	1
1,2,3,4,7,8-HxCDD	**0.44**	**I**	48	0.096	0.1	0.044	pg/L		03/11/14 10:00	03/14/14 17:25	1
1,2,3,6,7,8-HxCDD	**0.27**	**J I**	48	0.10	0.1	0.027	pg/L		03/11/14 10:00	03/14/14 17:25	1
1,2,3,7,8,9-HxCDD	0.095	U	48	0.095	0.1	0.0048	pg/L		03/11/14 10:00	03/14/14 17:25	1
1,2,3,4,6,7,8-HpCDD	**1.2**	**J V I**	48	0.12	0.01	0.012	pg/L		03/11/14 10:00	03/14/14 17:25	1
OCDD	**2.3**	**J V I**	96	0.079	0.0003	0.00069	pg/L		03/11/14 10:00	03/14/14 17:25	1
2,3,7,8-TCDF	**0.063**	**I**	9.6	0.061	0.1	0.0063	pg/L		03/11/14 10:00	03/14/14 17:25	1
1,2,3,7,8-PeCDF	**0.14**	**J V I**	48	0.094	0.03	0.0042	pg/L		03/11/14 10:00	03/14/14 17:25	1
2,3,4,7,8-PeCDF	**0.045**	**J I**	48	0.095	0.3	0.014	pg/L		03/11/14 10:00	03/14/14 17:25	1
1,2,3,4,7,8-HxCDF	**0.40**	**J V I**	48	0.060	0.1	0.040	pg/L		03/11/14 10:00	03/14/14 17:25	1
1,2,3,6,7,8-HxCDF	**0.65**	**J V I**	48	0.058	0.1	0.065	pg/L		03/11/14 10:00	03/14/14 17:25	1
2,3,4,6,7,8-HxCDF	**0.91**	**V I**	48	0.058	0.1	0.091	pg/L		03/11/14 10:00	03/14/14 17:25	1
1,2,3,7,8,9-HxCDF	**0.26**	**J V I**	48	0.068	0.1	0.026	pg/L		03/11/14 10:00	03/14/14 17:25	1
1,2,3,4,6,7,8-HpCDF	**0.54**	**J V I**	48	0.027	0.01	0.0054	pg/L		03/11/14 10:00	03/14/14 17:25	1
1,2,3,4,7,8,9-HpCDF	0.038	U	48	0.038	0.01	0.00019	pg/L		03/11/14 10:00	03/14/14 17:25	1
OCDF	**0.18**	**J V I**	96	0.036	0.0003	0.000054	pg/L		03/11/14 10:00	03/14/14 17:25	1
Total TEQ (WHO 2005)						**0.37**					

Internal Standard	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C-2,3,7,8-TCDD	*85*		*40 - 135*	*03/11/14 10:00*	*03/14/14 17:25*	*1*
13C-1,2,3,7,8-PeCDD	*101*		*40 - 135*	*03/11/14 10:00*	*03/14/14 17:25*	*1*
13C-1,2,3,4,7,8-HxCDD	*90*		*40 - 135*	*03/11/14 10:00*	*03/14/14 17:25*	*1*
13C-1,2,3,6,7,8-HxCDD	*95*		*40 - 135*	*03/11/14 10:00*	*03/14/14 17:25*	*1*
13C-1,2,3,4,6,7,8-HpCDD	*87*		*40 - 135*	*03/11/14 10:00*	*03/14/14 17:25*	*1*
13C-OCDD	*80*		*40 - 135*	*03/11/14 10:00*	*03/14/14 17:25*	*1*
13C-2,3,7,8-TCDF	*87*		*40 - 135*	*03/11/14 10:00*	*03/14/14 17:25*	*1*
13C-1,2,3,7,8-PeCDF	*97*		*40 - 135*	*03/11/14 10:00*	*03/14/14 17:25*	*1*
13C-2,3,4,7,8-PeCDF	*87*		*40 - 135*	*03/11/14 10:00*	*03/14/14 17:25*	*1*
13C-1,2,3,4,7,8-HxCDF	*82*		*40 - 135*	*03/11/14 10:00*	*03/14/14 17:25*	*1*
13C-1,2,3,6,7,8-HxCDF	*86*		*40 - 135*	*03/11/14 10:00*	*03/14/14 17:25*	*1*
13C-2,3,4,6,7,8-HxCDF	*87*		*40 - 135*	*03/11/14 10:00*	*03/14/14 17:25*	*1*
13C-1,2,3,7,8,9-HxCDF	*96*		*40 - 135*	*03/11/14 10:00*	*03/14/14 17:25*	*1*
13C-1,2,3,4,6,7,8-HpCDF	*86*		*40 - 135*	*03/11/14 10:00*	*03/14/14 17:25*	*1*
13C-1,2,3,4,7,8,9-HpCDF	*86*		*40 - 135*	*03/11/14 10:00*	*03/14/14 17:25*	*1*
13C-OCDF	*76*		*40 - 135*	*03/11/14 10:00*	*03/14/14 17:25*	*1*

Client Sample ID: TMW-2
Date Collected: 02/27/14 13:10
Date Received: 02/28/14 08:00

Lab Sample ID: 640-47016-2
Matrix: Water

Method: 8290 - Dioxins/Furans, HRGC/HRMS (8290)

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	D	Prepared	Analyzed	Dil Fac
2,3,7,8-TCDD	0.067	U	9.7	0.067	1	0.034	pg/L		03/11/14 10:00	03/14/14 18:27	1
1,2,3,7,8-PeCDD	0.053	U	48	0.053	1	0.027	pg/L		03/11/14 10:00	03/14/14 18:27	1
1,2,3,4,7,8-HxCDD	0.10	U	48	0.10	0.1	0.0050	pg/L		03/11/14 10:00	03/14/14 18:27	1
1,2,3,6,7,8-HxCDD	**0.39**	**J I**	48	0.10	0.1	0.039	pg/L		03/11/14 10:00	03/14/14 18:27	1
1,2,3,7,8,9-HxCDD	0.096	U	48	0.096	0.1	0.0048	pg/L		03/11/14 10:00	03/14/14 18:27	1
1,2,3,4,6,7,8-HpCDD	**0.31**	**J V I**	48	0.14	0.01	0.0031	pg/L		03/11/14 10:00	03/14/14 18:27	1
OCDD	**3.8**	**J V I**	97	0.14	0.0003	0.0011	pg/L		03/11/14 10:00	03/14/14 18:27	1
2,3,7,8-TCDF	0.12	U	9.7	0.12	0.1	0.0060	pg/L		03/11/14 10:00	03/14/14 18:27	1
1,2,3,7,8-PeCDF	**0.32**	**J V I**	48	0.15	0.03	0.0096	pg/L		03/11/14 10:00	03/14/14 18:27	1
2,3,4,7,8-PeCDF	0.17	U	48	0.17	0.3	0.026	pg/L		03/11/14 10:00	03/14/14 18:27	1
1,2,3,4,7,8-HxCDF	0.12	U	48	0.12	0.1	0.0060	pg/L		03/11/14 10:00	03/14/14 18:27	1
1,2,3,6,7,8-HxCDF	0.12	U	48	0.12	0.1	0.0060	pg/L		03/11/14 10:00	03/14/14 18:27	1
2,3,4,6,7,8-HxCDF	0.12	U	48	0.12	0.1	0.0060	pg/L		03/11/14 10:00	03/14/14 18:27	1
1,2,3,7,8,9-HxCDF	0.15	U	48	0.15	0.1	0.0075	pg/L		03/11/14 10:00	03/14/14 18:27	1
1,2,3,4,6,7,8-HpCDF	0.039	U	48	0.039	0.01	0.00020	pg/L		03/11/14 10:00	03/14/14 18:27	1
1,2,3,4,7,8,9-HpCDF	**0.061**	**J V I**	48	0.061	0.01	0.00061	pg/L		03/11/14 10:00	03/14/14 18:27	1
OCDF	**0.54**	**J V I**	97	0.090	0.0003	0.00016	pg/L		03/11/14 10:00	03/14/14 18:27	1
Total TEQ (WHO 2005)						**0.18**					

Internal Standard	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C-2,3,7,8-TCDD	*73*		*40 - 135*	*03/11/14 10:00*	*03/14/14 18:27*	*1*
13C-1,2,3,7,8-PeCDD	*89*		*40 - 135*	*03/11/14 10:00*	*03/14/14 18:27*	*1*
13C-1,2,3,4,7,8-HxCDD	*89*		*40 - 135*	*03/11/14 10:00*	*03/14/14 18:27*	*1*
13C-1,2,3,6,7,8-HxCDD	*95*		*40 - 135*	*03/11/14 10:00*	*03/14/14 18:27*	*1*
13C-1,2,3,4,6,7,8-HpCDD	*90*		*40 - 135*	*03/11/14 10:00*	*03/14/14 18:27*	*1*
13C-OCDD	*77*		*40 - 135*	*03/11/14 10:00*	*03/14/14 18:27*	*1*
13C-2,3,7,8-TCDF	*76*		*40 - 135*	*03/11/14 10:00*	*03/14/14 18:27*	*1*
13C-1,2,3,7,8-PeCDF	*87*		*40 - 135*	*03/11/14 10:00*	*03/14/14 18:27*	*1*
13C-2,3,4,7,8-PeCDF	*71*		*40 - 135*	*03/11/14 10:00*	*03/14/14 18:27*	*1*
13C-1,2,3,4,7,8-HxCDF	*87*		*40 - 135*	*03/11/14 10:00*	*03/14/14 18:27*	*1*
13C-1,2,3,6,7,8-HxCDF	*88*		*40 - 135*	*03/11/14 10:00*	*03/14/14 18:27*	*1*
13C-2,3,4,6,7,8-HxCDF	*89*		*40 - 135*	*03/11/14 10:00*	*03/14/14 18:27*	*1*
13C-1,2,3,7,8,9-HxCDF	*91*		*40 - 135*	*03/11/14 10:00*	*03/14/14 18:27*	*1*
13C-1,2,3,4,6,7,8-HpCDF	*86*		*40 - 135*	*03/11/14 10:00*	*03/14/14 18:27*	*1*
13C-1,2,3,4,7,8,9-HpCDF	*88*		*40 - 135*	*03/11/14 10:00*	*03/14/14 18:27*	*1*
13C-OCDF	*80*		*40 - 135*	*03/11/14 10:00*	*03/14/14 18:27*	*1*

Client Sample ID: TMW-3
Date Collected: 02/27/14 11:10
Date Received: 02/28/14 08:00

Lab Sample ID: 640-47016-3
Matrix: Water

Method: 8290 - Dioxins/Furans, HRGC/HRMS (8290)

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	D	Prepared	Analyzed	Dil Fac
2,3,7,8-TCDD	0.041	U	9.8	0.041	1	0.021	pg/L		03/11/14 10:00	03/17/14 15:30	1
1,2,3,7,8-PeCDD	**0.21**	**I**	49	0.038	1	0.21	pg/L		03/11/14 10:00	03/17/14 15:30	1
1,2,3,4,7,8-HxCDD	0.11	U	49	0.11	0.1	0.0055	pg/L		03/11/14 10:00	03/17/14 15:30	1
1,2,3,6,7,8-HxCDD	**0.47**	**J I**	49	0.11	0.1	0.047	pg/L		03/11/14 10:00	03/17/14 15:30	1
1,2,3,7,8,9-HxCDD	**0.55**	**J V I**	49	0.10	0.1	0.055	pg/L		03/11/14 10:00	03/17/14 15:30	1
1,2,3,4,6,7,8-HpCDD	**3.8**	**J V I**	49	0.19	0.01	0.038	pg/L		03/11/14 10:00	03/17/14 15:30	1
OCDD	**14**	**V I**	98	0.18	0.0003	0.0042	pg/L		03/11/14 10:00	03/17/14 15:30	1
2,3,7,8-TCDF	0.086	U	9.8	0.086	0.1	0.0043	pg/L		03/11/14 10:00	03/17/14 15:30	1
1,2,3,7,8-PeCDF	**0.40**	**J V I**	49	0.093	0.03	0.012	pg/L		03/11/14 10:00	03/17/14 15:30	1
2,3,4,7,8-PeCDF	**0.20**	**J I**	49	0.10	0.3	0.060	pg/L		03/11/14 10:00	03/17/14 15:30	1
1,2,3,4,7,8-HxCDF	**0.23**	**J V I**	49	0.099	0.1	0.023	pg/L		03/11/14 10:00	03/17/14 15:30	1
1,2,3,6,7,8-HxCDF	**0.71**	**J V I**	49	0.096	0.1	0.071	pg/L		03/11/14 10:00	03/17/14 15:30	1
2,3,4,6,7,8-HxCDF	**0.21**	**J V I**	49	0.10	0.1	0.021	pg/L		03/11/14 10:00	03/17/14 15:30	1
1,2,3,7,8,9-HxCDF	**0.47**	**J V I**	49	0.13	0.1	0.047	pg/L		03/11/14 10:00	03/17/14 15:30	1
1,2,3,4,6,7,8-HpCDF	**0.82**	**J V I**	49	0.034	0.01	0.0082	pg/L		03/11/14 10:00	03/17/14 15:30	1
1,2,3,4,7,8,9-HpCDF	**0.42**	**J V I**	49	0.056	0.01	0.0042	pg/L		03/11/14 10:00	03/17/14 15:30	1
OCDF	**2.3**	**V I**	98	0.062	0.0003	0.00069	pg/L		03/11/14 10:00	03/17/14 15:30	1
Total TEQ (WHO 2005)						**0.63**					

Internal Standard	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C-2,3,7,8-TCDD	*80*		*40 - 135*	*03/11/14 10:00*	*03/17/14 15:30*	*1*
13C-1,2,3,7,8-PeCDD	*105*		*40 - 135*	*03/11/14 10:00*	*03/17/14 15:30*	*1*
13C-1,2,3,4,7,8-HxCDD	*82*		*40 - 135*	*03/11/14 10:00*	*03/17/14 15:30*	*1*
13C-1,2,3,6,7,8-HxCDD	*91*		*40 - 135*	*03/11/14 10:00*	*03/17/14 15:30*	*1*
13C-1,2,3,4,6,7,8-HpCDD	*83*		*40 - 135*	*03/11/14 10:00*	*03/17/14 15:30*	*1*
13C-OCDD	*66*		*40 - 135*	*03/11/14 10:00*	*03/17/14 15:30*	*1*
13C-2,3,7,8-TCDF	*77*		*40 - 135*	*03/11/14 10:00*	*03/17/14 15:30*	*1*
13C-1,2,3,7,8-PeCDF	*100*		*40 - 135*	*03/11/14 10:00*	*03/17/14 15:30*	*1*
13C-2,3,4,7,8-PeCDF	*85*		*40 - 135*	*03/11/14 10:00*	*03/17/14 15:30*	*1*
13C-1,2,3,4,7,8-HxCDF	*82*		*40 - 135*	*03/11/14 10:00*	*03/17/14 15:30*	*1*
13C-1,2,3,6,7,8-HxCDF	*84*		*40 - 135*	*03/11/14 10:00*	*03/17/14 15:30*	*1*
13C-2,3,4,6,7,8-HxCDF	*82*		*40 - 135*	*03/11/14 10:00*	*03/17/14 15:30*	*1*
13C-1,2,3,7,8,9-HxCDF	*82*		*40 - 135*	*03/11/14 10:00*	*03/17/14 15:30*	*1*
13C-1,2,3,4,6,7,8-HpCDF	*79*		*40 - 135*	*03/11/14 10:00*	*03/17/14 15:30*	*1*
13C-1,2,3,4,7,8,9-HpCDF	*75*		*40 - 135*	*03/11/14 10:00*	*03/17/14 15:30*	*1*
13C-OCDF	*60*		*40 - 135*	*03/11/14 10:00*	*03/17/14 15:30*	*1*

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-47016-2

Client Sample ID: TMW-4
Date Collected: 02/27/14 10:25
Date Received: 02/28/14 08:00

Lab Sample ID: 640-47016-4
Matrix: Water

Method: 8290 - Dioxins/Furans, HRGC/HRMS (8290)

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	D	Prepared	Analyzed	Dil Fac
2,3,7,8-TCDD	0.030	U	9.6	0.030	1	0.015	pg/L		03/11/14 10:00	03/17/14 16:31	1
1,2,3,7,8-PeCDD	0.024	U	48	0.024	1	0.012	pg/L		03/11/14 10:00	03/17/14 16:31	1
1,2,3,4,7,8-HxCDD	**0.11**	**J I**	48	0.074	0.1	0.011	pg/L		03/11/14 10:00	03/17/14 16:31	1
1,2,3,6,7,8-HxCDD	**0.20**	**J I**	48	0.076	0.1	0.020	pg/L		03/11/14 10:00	03/17/14 16:31	1
1,2,3,7,8,9-HxCDD	**0.37**	**J V I**	48	0.071	0.1	0.037	pg/L		03/11/14 10:00	03/17/14 16:31	1
1,2,3,4,6,7,8-HpCDD	**0.55**	**J V I**	48	0.13	0.01	0.0055	pg/L		03/11/14 10:00	03/17/14 16:31	1
OCDD	**2.8**	**V I**	96	0.14	0.0003	0.00084	pg/L		03/11/14 10:00	03/17/14 16:31	1
2,3,7,8-TCDF	0.056	U	9.6	0.056	0.1	0.0028	pg/L		03/11/14 10:00	03/17/14 16:31	1
1,2,3,7,8-PeCDF	**0.36**	**J V I**	48	0.094	0.03	0.011	pg/L		03/11/14 10:00	03/17/14 16:31	1
2,3,4,7,8-PeCDF	**0.28**	**I**	48	0.10	0.3	0.084	pg/L		03/11/14 10:00	03/17/14 16:31	1
1,2,3,4,7,8-HxCDF	**0.30**	**J V I**	48	0.080	0.1	0.030	pg/L		03/11/14 10:00	03/17/14 16:31	1
1,2,3,6,7,8-HxCDF	0.079	U	48	0.079	0.1	0.0040	pg/L		03/11/14 10:00	03/17/14 16:31	1
2,3,4,6,7,8-HxCDF	**0.15**	**J V I**	48	0.081	0.1	0.015	pg/L		03/11/14 10:00	03/17/14 16:31	1
1,2,3,7,8,9-HxCDF	**0.30**	**J V I**	48	0.10	0.1	0.030	pg/L		03/11/14 10:00	03/17/14 16:31	1
1,2,3,4,6,7,8-HpCDF	**0.062**	**J V I**	48	0.032	0.01	0.00062	pg/L		03/11/14 10:00	03/17/14 16:31	1
1,2,3,4,7,8,9-HpCDF	**0.12**	**J V I**	48	0.055	0.01	0.0012	pg/L		03/11/14 10:00	03/17/14 16:31	1
OCDF	**0.70**	**V I**	96	0.058	0.0003	0.00021	pg/L		03/11/14 10:00	03/17/14 16:31	1
Total TEQ (WHO 2005)						**0.28**					

Internal Standard	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C-2,3,7,8-TCDD	*81*		*40 - 135*	*03/11/14 10:00*	*03/17/14 16:31*	*1*
13C-1,2,3,7,8-PeCDD	*98*		*40 - 135*	*03/11/14 10:00*	*03/17/14 16:31*	*1*
13C-1,2,3,4,7,8-HxCDD	*92*		*40 - 135*	*03/11/14 10:00*	*03/17/14 16:31*	*1*
13C-1,2,3,6,7,8-HxCDD	*92*		*40 - 135*	*03/11/14 10:00*	*03/17/14 16:31*	*1*
13C-1,2,3,4,6,7,8-HpCDD	*83*		*40 - 135*	*03/11/14 10:00*	*03/17/14 16:31*	*1*
13C-OCDD	*63*		*40 - 135*	*03/11/14 10:00*	*03/17/14 16:31*	*1*
13C-2,3,7,8-TCDF	*75*		*40 - 135*	*03/11/14 10:00*	*03/17/14 16:31*	*1*
13C-1,2,3,7,8-PeCDF	*90*		*40 - 135*	*03/11/14 10:00*	*03/17/14 16:31*	*1*
13C-2,3,4,7,8-PeCDF	*78*		*40 - 135*	*03/11/14 10:00*	*03/17/14 16:31*	*1*
13C-1,2,3,4,7,8-HxCDF	*77*		*40 - 135*	*03/11/14 10:00*	*03/17/14 16:31*	*1*
13C-1,2,3,6,7,8-HxCDF	*81*		*40 - 135*	*03/11/14 10:00*	*03/17/14 16:31*	*1*
13C-2,3,4,6,7,8-HxCDF	*85*		*40 - 135*	*03/11/14 10:00*	*03/17/14 16:31*	*1*
13C-1,2,3,7,8,9-HxCDF	*80*		*40 - 135*	*03/11/14 10:00*	*03/17/14 16:31*	*1*
13C-1,2,3,4,6,7,8-HpCDF	*78*		*40 - 135*	*03/11/14 10:00*	*03/17/14 16:31*	*1*
13C-1,2,3,4,7,8,9-HpCDF	*65*		*40 - 135*	*03/11/14 10:00*	*03/17/14 16:31*	*1*
13C-OCDF	*37*	*J1*	*40 - 135*	*03/11/14 10:00*	*03/17/14 16:31*	*1*

Internal Standards Summary

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-47016-2

Method: 8290 - Dioxins/Furans, HRGC/HRMS (8290)

Matrix: Water **Prep Type: Total**

		Percent Internal Standard Recovery (Acceptance Limits)							
		TCDD	1,2,3,7,8-Pe	,2,3,4,7,8-H	,2,3,6,7,8-H	2,3,4,6,7,8-H	13C-OCDD	TCDF	1,2,3,7,8-Pe
Lab Sample ID	Client Sample ID	(40-135)	(40-135)	(40-135)	(40-135)	(40-135)	(40-135)	(40-135)	(40-135)
640-47016-1	TMW-1	85	101	90	95	87	80	87	97
640-47016-2	TMW-2	73	89	89	95	90	77	76	87
640-47016-3	TMW-3	80	105	82	91	83	66	77	100
640-47016-4	TMW-4	81	98	92	92	83	63	75	90
H4C110000029B	Method Blank	81	114	91	106	83	74	79	107
H4C110000029C	Lab Control Sample	77	107	87	96	80	74	81	102

		Percent Internal Standard Recovery (Acceptance Limits)							
		PeCDF2	,2,3,4,7,8-H	HxCDF2	HxCDF3	HxCDF4	2,3,4,6,7,8-H	2,3,4,7,8,9-H	13C-OCDF
Lab Sample ID	Client Sample ID	(40-135)	(40-135)	(40-135)	(40-135)	(40-135)	(40-135)	(40-135)	(40-135)
640-47016-1	TMW-1	87	82	86	87	96	86	86	76
640-47016-2	TMW-2	71	87	88	89	91	86	88	80
640-47016-3	TMW-3	85	82	84	82	82	79	75	60
640-47016-4	TMW-4	78	77	81	85	80	78	65	37 J1
H4C110000029B	Method Blank	87	82	86	90	84	84	87	77
H4C110000029C	Lab Control Sample	83	80	83	86	92	82	84	81

Internal Standard Legend

TCDD = 13C-2,3,7,8-TCDD
13C-1,2,3,7,8-PeCDD = 13C-1,2,3,7,8-PeCDD
13C-1,2,3,4,7,8-HxCDD = 13C-1,2,3,4,7,8-HxCDD
13C-1,2,3,6,7,8-HxCDD = 13C-1,2,3,6,7,8-HxCDD
13C-1,2,3,4,6,7,8-HpCDD = 13C-1,2,3,4,6,7,8-HpCDD
13C-OCDD = 13C-OCDD
TCDF = 13C-2,3,7,8-TCDF
13C-1,2,3,7,8-PeCDF = 13C-1,2,3,7,8-PeCDF
PeCDF2 = 13C-2,3,4,7,8-PeCDF
13C-1,2,3,4,7,8-HxCDF = 13C-1,2,3,4,7,8-HxCDF
HxCDF2 = 13C-1,2,3,6,7,8-HxCDF
HxCDF3 = 13C-2,3,4,6,7,8-HxCDF
HxCDF4 = 13C-1,2,3,7,8,9-HxCDF
13C-1,2,3,4,6,7,8-HpCDF = 13C-1,2,3,4,6,7,8-HpCDF
13C-1,2,3,4,7,8,9-HpCDF = 13C-1,2,3,4,7,8,9-HpCDF
13C-OCDF = 13C-OCDF

Method: 8290 - Dioxins/Furans, HRGC/HRMS (8290)

Lab Sample ID: H4C110000029B
Matrix: Water
Analysis Batch: 4070029

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 4070029_P

Analyte	MB Result	MB Qualifier	ML	EDL	TEF	TEQ	Unit	D	Prepared	Analyzed	Dil Fac
2,3,7,8-TCDD	0.085	U	10	0.085	1	0.043	pg/L		03/11/14 10:00	03/14/14 14:05	1
1,2,3,7,8-PeCDD	0.041	U	50	0.041	1	0.021	pg/L		03/11/14 10:00	03/14/14 14:05	1
1,2,3,4,7,8-HxCDD	0.13	U	50	0.13	0.1	0.0065	pg/L		03/11/14 10:00	03/14/14 14:05	1
1,2,3,6,7,8-HxCDD	0.14	U	50	0.14	0.1	0.0070	pg/L		03/11/14 10:00	03/14/14 14:05	1
1,2,3,7,8,9-HxCDD	0.23	J I	50	0.13	0.1	0.023	pg/L		03/11/14 10:00	03/14/14 14:05	1
1,2,3,4,6,7,8-HpCDD	2.4	I	50	0.20	0.01	0.024	pg/L		03/11/14 10:00	03/14/14 14:05	1
OCDD	7.0	J I	100	0.12	0.0003	0.0021	pg/L		03/11/14 10:00	03/14/14 14:05	1
2,3,7,8-TCDF	0.13	U	10	0.13	0.1	0.0065	pg/L		03/11/14 10:00	03/14/14 14:05	1
1,2,3,7,8-PeCDF	0.26	J I	50	0.13	0.03	0.0078	pg/L		03/11/14 10:00	03/14/14 14:05	1
2,3,4,7,8-PeCDF	0.13	U	50	0.13	0.3	0.020	pg/L		03/11/14 10:00	03/14/14 14:05	1
1,2,3,4,7,8-HxCDF	0.13	J I	50	0.099	0.1	0.013	pg/L		03/11/14 10:00	03/14/14 14:05	1
1,2,3,6,7,8-HxCDF	0.30	J I	50	0.098	0.1	0.030	pg/L		03/11/14 10:00	03/14/14 14:05	1
2,3,4,6,7,8-HxCDF	0.36	J I	50	0.090	0.1	0.036	pg/L		03/11/14 10:00	03/14/14 14:05	1
1,2,3,7,8,9-HxCDF	0.21	J C I	50	0.13	0.1	0.021	pg/L		03/11/14 10:00	03/14/14 14:05	1
1,2,3,4,6,7,8-HpCDF	0.76	J I	50	0.068	0.01	0.0076	pg/L		03/11/14 10:00	03/14/14 14:05	1
1,2,3,4,7,8,9-HpCDF	0.41	J I	50	0.093	0.01	0.0041	pg/L		03/11/14 10:00	03/14/14 14:05	1
OCDF	2.2	J I	100	0.066	0.0003	0.00066	pg/L		03/11/14 10:00	03/14/14 14:05	1
Total TEQ						**0.27**					

Internal Standard	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C-2,3,7,8-TCDD	*81*		*40 - 135*	*03/11/14 10:00*	*03/14/14 14:05*	*1*
13C-1,2,3,7,8-PeCDD	*114*		*40 - 135*	*03/11/14 10:00*	*03/14/14 14:05*	*1*
13C-1,2,3,4,7,8-HxCDD	*91*		*40 - 135*	*03/11/14 10:00*	*03/14/14 14:05*	*1*
13C-1,2,3,6,7,8-HxCDD	*106*		*40 - 135*	*03/11/14 10:00*	*03/14/14 14:05*	*1*
13C-1,2,3,4,6,7,8-HpCDD	*83*		*40 - 135*	*03/11/14 10:00*	*03/14/14 14:05*	*1*
13C-OCDD	*74*		*40 - 135*	*03/11/14 10:00*	*03/14/14 14:05*	*1*
13C-2,3,7,8-TCDF	*79*		*40 - 135*	*03/11/14 10:00*	*03/14/14 14:05*	*1*
13C-1,2,3,7,8-PeCDF	*107*		*40 - 135*	*03/11/14 10:00*	*03/14/14 14:05*	*1*
13C-2,3,4,7,8-PeCDF	*87*		*40 - 135*	*03/11/14 10:00*	*03/14/14 14:05*	*1*
13C-1,2,3,4,7,8-HxCDF	*82*		*40 - 135*	*03/11/14 10:00*	*03/14/14 14:05*	*1*
13C-1,2,3,6,7,8-HxCDF	*86*		*40 - 135*	*03/11/14 10:00*	*03/14/14 14:05*	*1*
13C-2,3,4,6,7,8-HxCDF	*90*		*40 - 135*	*03/11/14 10:00*	*03/14/14 14:05*	*1*
13C-1,2,3,7,8,9-HxCDF	*84*		*40 - 135*	*03/11/14 10:00*	*03/14/14 14:05*	*1*
13C-1,2,3,4,6,7,8-HpCDF	*84*		*40 - 135*	*03/11/14 10:00*	*03/14/14 14:05*	*1*
13C-1,2,3,4,7,8,9-HpCDF	*87*		*40 - 135*	*03/11/14 10:00*	*03/14/14 14:05*	*1*
13C-OCDF	*77*		*40 - 135*	*03/11/14 10:00*	*03/14/14 14:05*	*1*

Lab Sample ID: H4C110000029C
Matrix: Water
Analysis Batch: 4070029

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 4070029_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,3,7,8-TCDD	200	197		pg/L		98	77 - 127
1,2,3,7,8-PeCDD	1000	915		pg/L		92	78 - 128
1,2,3,4,7,8-HxCDD	1000	959		pg/L		96	73 - 123
1,2,3,6,7,8-HxCDD	1000	957		pg/L		96	72 - 127
1,2,3,7,8,9-HxCDD	1000	930	V	pg/L		93	76 - 126

Method: 8290 - Dioxins/Furans, HRGC/HRMS (8290) (Continued)

Lab Sample ID: H4C110000029C
Matrix: Water
Analysis Batch: 4070029

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 4070029_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,3,4,6,7,8-HpCDD	1000	950	V	pg/L		95	73 - 123
OCDD	2000	1830	V	pg/L		92	75 - 125
2,3,7,8-TCDF	200	199		pg/L		99	74 - 124
1,2,3,7,8-PeCDF	1000	896	V	pg/L		90	74 - 124
2,3,4,7,8-PeCDF	1000	985		pg/L		98	74 - 124
1,2,3,4,7,8-HxCDF	1000	987	V	pg/L		99	75 - 125
1,2,3,6,7,8-HxCDF	1000	968	V	pg/L		97	75 - 125
2,3,4,6,7,8-HxCDF	1000	1010	V	pg/L		101	76 - 126
1,2,3,7,8,9-HxCDF	1000	954	V	pg/L		95	76 - 126
1,2,3,4,6,7,8-HpCDF	1000	929	V	pg/L		93	71 - 121
1,2,3,4,7,8,9-HpCDF	1000	947	V	pg/L		95	73 - 123
OCDF	2000	1870	V	pg/L		93	68 - 132

Internal Standard	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C-2,3,7,8-TCDD	*77*		*40 - 135*
13C-1,2,3,7,8-PeCDD	*107*		*40 - 135*
13C-1,2,3,4,7,8-HxCDD	*87*		*40 - 135*
13C-1,2,3,6,7,8-HxCDD	*96*		*40 - 135*
13C-1,2,3,4,6,7,8-HpCDD	*80*		*40 - 135*
13C-OCDD	*74*		*40 - 135*
13C-2,3,7,8-TCDF	*81*		*40 - 135*
13C-1,2,3,7,8-PeCDF	*102*		*40 - 135*
13C-2,3,4,7,8-PeCDF	*83*		*40 - 135*
13C-1,2,3,4,7,8-HxCDF	*80*		*40 - 135*
13C-1,2,3,6,7,8-HxCDF	*83*		*40 - 135*
13C-2,3,4,6,7,8-HxCDF	*86*		*40 - 135*
13C-1,2,3,7,8,9-HxCDF	*92*		*40 - 135*
13C-1,2,3,4,6,7,8-HpCDF	*82*		*40 - 135*
13C-1,2,3,4,7,8,9-HpCDF	*84*		*40 - 135*
13C-OCDF	*81*		*40 - 135*

QC Association Summary

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-47016-2

Specialty Organics

Analysis Batch: 4070029

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47016-1	TMW-1	Total	Water	8290	
640-47016-2	TMW-2	Total	Water	8290	
640-47016-3	TMW-3	Total	Water	8290	
640-47016-4	TMW-4	Total	Water	8290	
H4C110000029B	Method Blank	Total	Water	8290	
H4C110000029C	Lab Control Sample	Total	Water	8290	

Prep Batch: 4070029_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-47016-1	TMW-1	Total	Water	8290	
640-47016-2	TMW-2	Total	Water	8290	
640-47016-3	TMW-3	Total	Water	8290	
640-47016-4	TMW-4	Total	Water	8290	
H4C110000029B	Method Blank	Total	Water	8290	
H4C110000029C	Lab Control Sample	Total	Water	8290	

Lab Chronicle

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-47016-2

Client Sample ID: TMW-1

Lab Sample ID: 640-47016-1

Date Collected: 02/27/14 13:50

Matrix: Water

Date Received: 02/28/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	8290			4070029_P	03/11/14 10:00		TAL KNX
Total	Analysis	8290		1	4070029	03/14/14 17:25	MAD	TAL KNX

Client Sample ID: TMW-2

Lab Sample ID: 640-47016-2

Date Collected: 02/27/14 13:10

Matrix: Water

Date Received: 02/28/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	8290			4070029_P	03/11/14 10:00		TAL KNX
Total	Analysis	8290		1	4070029	03/14/14 18:27	MAD	TAL KNX

Client Sample ID: TMW-3

Lab Sample ID: 640-47016-3

Date Collected: 02/27/14 11:10

Matrix: Water

Date Received: 02/28/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	8290			4070029_P	03/11/14 10:00		TAL KNX
Total	Analysis	8290		1	4070029	03/17/14 15:30	MAD	TAL KNX

Client Sample ID: TMW-4

Lab Sample ID: 640-47016-4

Date Collected: 02/27/14 10:25

Matrix: Water

Date Received: 02/28/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	8290			4070029_P	03/11/14 10:00		TAL KNX
Total	Analysis	8290		1	4070029	03/17/14 16:31	MAD	TAL KNX

Laboratory References:

TAL KNX = TestAmerica Knoxville, 5815 Middlebrook Pike, Knoxville, TN 37921, TEL (865)291-3000

Certification Summary

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-47016-2

Laboratory: TestAmerica Tallahassee

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E81005	06-30-14
Georgia	State Program	4		06-30-14
Louisiana	NELAP	6	30663	06-30-14
New Jersey	NELAP	2	FL012	06-30-14
Texas	NELAP	6	T104704459-11-2	03-31-14 *
USDA	Federal		P330-08-00158	08-05-14

Laboratory: TestAmerica Knoxville

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0688	06-17-14
California	State Program	9	2423	06-30-14
Colorado	State Program	8	N/A	02-28-15
Connecticut	State Program	1	PH-0223	09-30-15
Florida	NELAP	4	E87177	06-30-14
Georgia	State Program	4	906	06-13-14
Hawaii	State Program	9	N/A	04-13-14
Iowa	State Program	7	375	08-01-14
Kansas	NELAP	7	E-10349	10-31-14
Kentucky (DW)	State Program	4	90101	12-31-14
L-A-B	DoD ELAP		L2311	02-13-16
Louisiana	NELAP	6	83979	06-30-14
Louisiana	NELAP	6	LA110001	12-31-14
Maryland	State Program	3	277	03-31-14
Michigan	State Program	5	9933	04-13-14
Nevada	State Program	9	TN00009	07-31-14
New Jersey	NELAP	2	TN001	06-30-14
New York	NELAP	2	10781	04-01-14
North Carolina DENR	State Program	4	64	12-31-14
North Carolina DHHS	State Program	4	21705	07-31-14
Ohio VAP	State Program	5	CL0059	03-26-15
Oklahoma	State Program	6	9415	08-31-14
Pennsylvania	NELAP	3	68-00576	12-31-14
South Carolina	State Program	4	84001	06-30-14
Tennessee	State Program	4	2014	04-13-14
Texas	NELAP	6	T104704380-TX	08-31-14
USDA	Federal		P330-13-00260	08-29-16
Utah	NELAP	8	QUAN3	07-31-14
Virginia	NELAP	3	460176	09-14-14
Virginia	State Program	3	165	06-30-14
Washington	State Program	10	C593	01-19-15
West Virginia DEP	State Program	3	345	04-30-14
West Virginia DHHR	State Program	3	9955C	12-31-14
Wisconsin	State Program	5	998044300	08-31-14

* Expired certification is currently pending renewal and is considered valid.

Method Summary

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-47016-2

Method	Method Description	Protocol	Laboratory
8290	Dioxins/Furans, HRGC/HRMS (8290)	SW846	TAL KNX

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL KNX = TestAmerica Knoxville, 5815 Middlebrook Pike, Knoxville, TN 37921, TEL (865)291-3000

Sample Summary

Client: SCS ES Consultants
Project/Site: Curtis Park

TestAmerica Job ID: 640-47016-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
640-47016-1	TMW-1	Water	02/27/14 13:50	02/28/14 08:00
640-47016-2	TMW-2	Water	02/27/14 13:10	02/28/14 08:00
640-47016-3	TMW-3	Water	02/27/14 11:10	02/28/14 08:00
640-47016-4	TMW-4	Water	02/27/14 10:25	02/28/14 08:00

Chain of Custody Record

TestAmerica Tallahassee
2846 Industrial Plaza Drive

Tallahassee, FL 32301
phone 850.878.3994 fax

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

3/25/2014

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Eddy Smith	Site Contact: Brittney Odom	Date: Feb 27, 2014	COC No:
SCS Engineers	Tel/Fax:	Lab Contact: Amy Marks	Carrier:	1 of 1 COCs
7700 North Kendall Drive	**Analysis Turnaround Time**			Sampler: D. Balladares
Miami, Florida 33156	☐ CALENDAR DAYS ☐ WORKING DAYS			**For Lab Use Only:**
305.412.8185 Phone	TAT if different from Below _____			Walk-in Client:
305.412.8105 FAX	☐ 2 weeks			Lab Sampling:
Project Name: Curtis Park	☒ 1 week			Job / SDG No.: 640-47016
Site: 1901 NW 24th Ave, Miami, FL	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Metals 6010 (Sb, Ba, Cu, Pb, Fe)	Metals 6010/7471 (Cr, Hg, Se, Ag)	Dioxins (8290)	PCBs (8082)	Cd, As (Metals)	Sample Specific Notes:
TMW-1	2-27-14	13:50	G	W	5	N		X	X	X	X	X	
TMW-2		13:10	G		6	N		X	X	X	X	X	
TMW-3 [redacted]		~~10:25~~ 11:10	G		6	N		X	X	X	X	X	Sample time 11:10
TMW-4		~~10:20~~ 10:25	G		6	N		X	X	X	X	X	Sample time 10:25
Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4=HNO3, 5=NaOH, 6= Other								3	3		3		

640-47016 Chain of Custody

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for_____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: 3.7 Corr'd:_____ Therm ID No.:_____

	Company:	Date/Time:		Company:	Date/Time:
Relinquished by:	SCS ES	2-27-14 1500	Received by:	TAL	2-27-14 1500
Relinquished by:	TAL	2-27-14 1800	Received by:	TAL	2-28-14 0800
Relinquished by:	Company:	Date/Time:	~~Received~~ in Laboratory by:	Company:	Date/Time: