Remedial Investigation Report
Southside Park Landfill NONCD0000807
Charlotte, Mecklenburg County, North Carolina
Task Order 807RI-6
S&ME Project No. 215952

PREPARED FOR:

North Carolina Department of Environmental Quality
Division of Waste Management – Special Remediation Branch
Pre-Regulatory Landfill Unit
1646 Mail Service Center
Raleigh, NC 27699-1646

PREPARED BY:

S&ME, Inc.
3201 Spring Forest Road
Raleigh, NC 27616

November 14, 2024

November 14, 2024

North Carolina Department of Environmental Quality
Division of Waste Management – Special Remediation Branch
Pre-Regulatory Landfill Unit
1646 Mail Service Center
Raleigh, NC 27699-1646

Attention: Mr. Sean Gallagher via email: sean.gallagher@deq.nc.gov
Hydrogeologist

Reference: **Remedial Investigation Report: Soil Cover Evaluation**
Southside Park Landfill
2645 Toomey Ave., Charlotte, Mecklenburg County, North Carolina
NCDEQ ID No. NONCD0000807
NCDEQ Task Order 807RI-6
S&ME Project No. 215952E

Dear Mr. Gallagher:

S&ME, Inc. (S&ME) is submitting this report to NCDEQ summarizing the results of the soil cover evaluation remedial investigation activities conducted at the above-referenced site in Charlotte, North Carolina. S&ME completed this investigation in general conformance with S&ME Proposals No. 215952E, dated September 25, 2024, between NCDEQ and S&ME. The attached report includes the results of the following tasks:

- Conducted soil cover sampling at 17 of the 64 grids for laboratory analysis for total and leachable cobalt and lead.
- Prepared this report.

We appreciate the opportunity to provide environmental consulting services to NCDEQ. Please contact us if you have any questions about the information included in this report.

Sincerely,

S&ME, Inc.

Thomas P. Raymond, P.E.
Principal Engineer
traymond@smeinc.com

Connor Hicks, G.I.T.
Environmental Staff Geologist
connorhicks@smeinc.com

Copy: Gerald Paul, S&ME, Inc.

Attachment: *Remedial Investigation Report*

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Appendices

1.0 Summary of Current Investigation

S&ME completed the scope of services listed below for this investigation in general conformance with S&ME Proposal No. 215952E, dated September 25, 2024 for Task Order 807RI-6:

- Conduct soil cover sampling at 17 of the 64 grids for laboratory analysis.
- Prepared this report.

S&ME's services were performed in general accordance with the North Carolina Department of Environmental Quality (NCDEQ), *Guidelines for Addressing Pre-Regulatory Landfills and Dumps* (March 2022) and S&ME's approved *Standard Operating Procedures and Quality Assurance (SOP/QA) Manual (July 2010)*, previously approved by NCDEQ.

2.0 Soil Cover Assessment

2.1 Soil Cover Sampling

The goal of this assessment was to evaluate existing soil cover conditions for possible interim remedial action (excavation and disposal) by collecting 16 samples from areas that exceeded the NCDEQ Residential Risk, had insufficient soil cover, or exceeded the EPA screening level of Lead. On October 9 and 10, 2024, S&ME personnel collected 16 composite soil samples from 14 grids (SC-2, SC-3, SC-8, SC-13, SC-14, SC-15, SC-17, SC-50, SC-57, SC-58, SC-59, SC-61, SC-62, and SC-64) that were previously sampled during RI-2 and RI-3. The area around BG-4 12", located in SC-20, and BG-8 6", located on the edge of SC-55 and SC-56, were also sampled due to BG-4 12" exceeding the EPA screening level for lead and BG-8 6" exceeding the NCDEQ Residential Risk. The site map and grid designations are presented in **Figure 1**. Sample locations can be seen in **Figure 2.** Coordinates of the sample locations are shown in **Appendix I.** Field notes are in **Appendix II.**

All 16 samples and a duplicate taken for each field day of sampling (DUP-10A and DUP-11A), were submitted under standard chain-of-custody protocol to Eurofins in Savana Georgia. Samples were analyzed by Toxicity Characteristics Leaching Procedure (TCLP) Extraction by Method 1311, Synthetic Precipitation Leaching Procedure (SPLP) Extraction by Method 1312, cobalt and lead TCLP extraction analysis by Method 6020, cobalt and lead SPLP extraction analysis by Method 6020, and cobalt and lead total analysis by Method 6020.

2.2 Soil Sample Results

The laboratory results are summarized as follows:

- The composite soil sample SC-64A from Grid SC-64 was reported with a TCLP **lead** detection of 24.6 milligrams per liter (mg/L), exceeding the USEPA lead TCLP level of 5 mg/L.

- Composite soil samples collected from five grid locations, SC-58, SC-59, SC-61, SC-62 and SC-64, were reported with SPLP detections of **lead** exceeding the NCDEQ 2L Groundwater Standard of 0.015 milligrams per liter (mg/L).
- Composite soil samples collected from four grid locations, SC-58, SC-59, SC-61 and SC-64, were reported with total **lead** detections exceeding the USEPA Residential Screening Level of 200 milligrams per kilogram (mg/kg).
- Composite soil samples collected from seven grid locations were reported with a TCLP **cobalt** levels above laboratory reporting limits. There is not a USEPA TCLP level for cobalt.
- Composite soil samples collected from 15 of the 16 grid locations were reported with SPLP detections of **cobalt** exceeding the NCDEQ 2L Groundwater Standard of 0.001 mg/L.
- Composite soil samples collected from all 16 grid locations were reported with total **cobalt** detections ranging from 6.51 mg/kg to 103 mg/kg. All samples exceeded the USEPA Residential Regional Screening Level for cobalt of 2.3 mg/kg.

A summary of the laboratory results is included as **Table 1.** Lead and cobalt results are shown on **Figure 3**. The field notes are included in **Appendix II** and the laboratory reports and chain of custody forms are included in **Appendix III**.

3.0 Quality control samples were collected and analyzed as follows:

Soil Sample Duplicates

- One duplicate sample was collected during each sample day. The duplicates sample were analyzed for the same parameters as the record samples. Analytical results of the duplicate samples were within acceptable relative percent differences with the record samples.

The laboratory conducted USEPA quality assurance and quality control procedures and reporting as required for laboratory analysis according to USEPA Level II Protocols. Reported laboratory analytical data met data quality objectives.

4.0 Deviation From Work Plan

Soil sample location SC-55/56A was added to the sampling event. Previous soil sample location BG-8-6" was noted as reported with a risk exceedance, and soil sample location SC-55/SC-56A was added to include sampling for this area.

5.0 Sole Use Statement

This report is solely intended for use by NCDEQ for the services that were performed in accordance with S&ME Proposal No. 215952E, dated September 25, 2024, for Task Order 807RI-6 as authorized by NCDEQ.

6.0 Certification Acknowledgement

"I certify that to the best of my knowledge, after thorough investigation, the information contained in or accompanying this certification is true, accurate, and complete."

Thomas P. Raymond / S&ME, Inc.
Name of Environmental Consultant / Company

Signature of Environmental Consultant

Date Nov. 14, 2024

I, Wilma Craft, a Notary Public of said County and State, do hereby certify that Thomas P. Raymond did personally appear and sign before me this day, produced proper identification in the form of Drivers License was duly sworn or affirmed, and declared that, he or she is the duly authorized environmental consultant referenced above and that, to the best of his or her knowledge and belief, after thorough investigation, the information contained in the above certification is true and accurate, and he or she then signed this Certification in my presence.

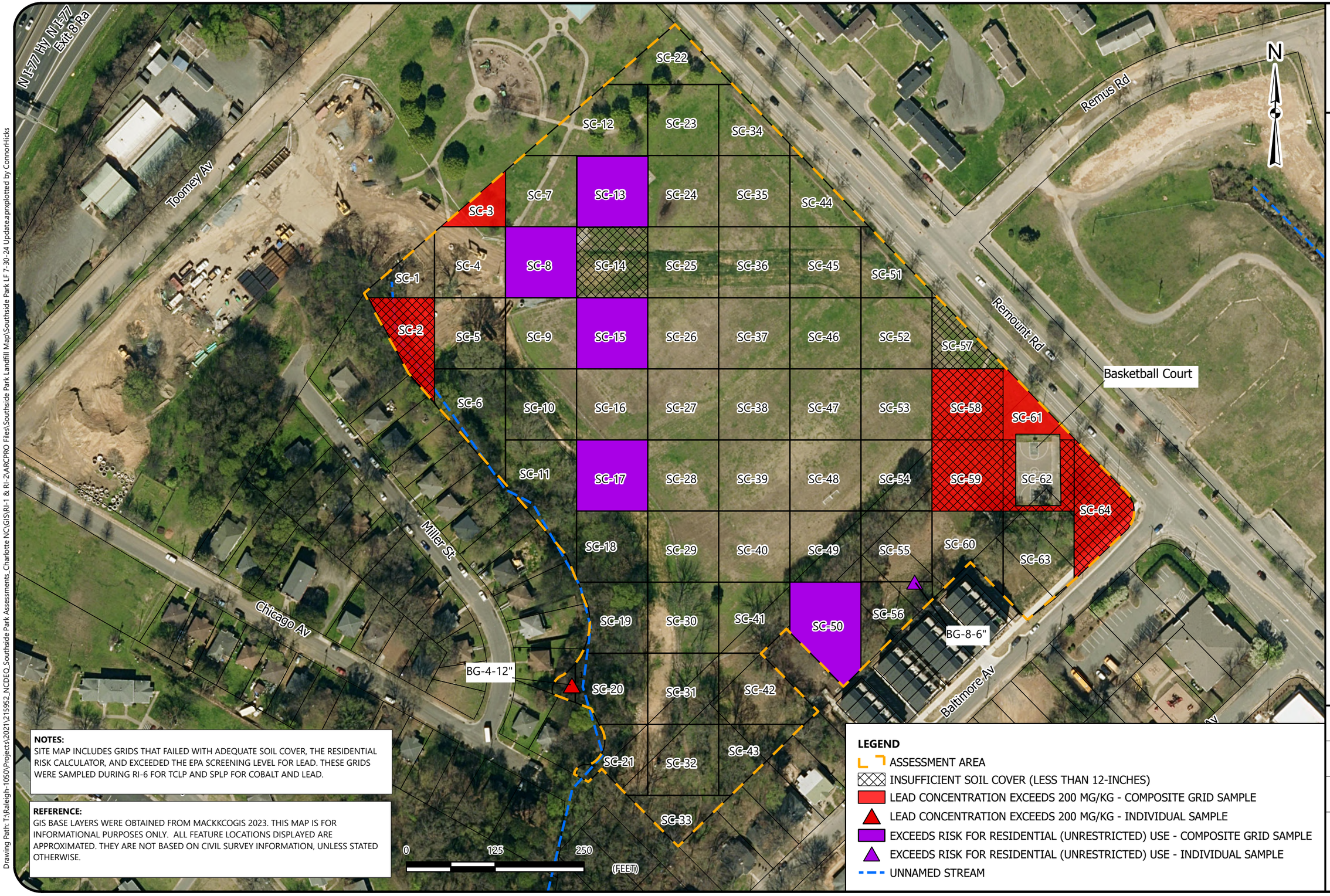
WITNESS my hand and official seal this 14 day of November 2024.

Wilma Craft
Notary Public (signature)

(OFFICIAL SEAL)
WILMA CRAFT
Notary Public, North Carolina
Wake County
My Commission Expires
March 12, 2028

My commission expires: March 12 2028

Figures



NOTES:
SITE MAP INCLUDES GRIDS THAT FAILED WITH ADEQUATE SOIL COVER, THE RESIDENTIAL RISK CALCULATOR, AND EXCEEDED THE EPA SCREENING LEVEL FOR LEAD. THESE GRIDS WERE SAMPLED DURING RI-6 FOR TCLP AND SPLP FOR COBALT AND LEAD.

REFERENCE:
GIS BASE LAYERS WERE OBTAINED FROM MACKKCOGIS 2023. THIS MAP IS FOR INFORMATIONAL PURPOSES ONLY. ALL FEATURE LOCATIONS DISPLAYED ARE APPROXIMATED. THEY ARE NOT BASED ON CIVIL SURVEY INFORMATION, UNLESS STATED OTHERWISE.

LEGEND

- ASSESSMENT AREA
- INSUFFICIENT SOIL COVER (LESS THAN 12-INCHES)
- LEAD CONCENTRATION EXCEEDS 200 MG/KG - COMPOSITE GRID SAMPLE
- LEAD CONCENTRATION EXCEEDS 200 MG/KG - INDIVIDUAL SAMPLE
- EXCEEDS RISK FOR RESIDENTIAL (UNRESTRICTED) USE - COMPOSITE GRID SAMPLE
- EXCEEDS RISK FOR RESIDENTIAL (UNRESTRICTED) USE - INDIVIDUAL SAMPLE
- UNNAMED STREAM

SOIL COVER ASSESSMENT SUMMARY

SOUTHSIDE PARK LANDFILL
NCDEQ ID NO. NONCD0000807 - TASK ORDER 807RI-6
TOOMEY AVE, CHARLOTTE, MECKLENBURG COUNTY, NORTH CAROLINA

SCALE:
1 in =125 ft

Date:
10/28/2024

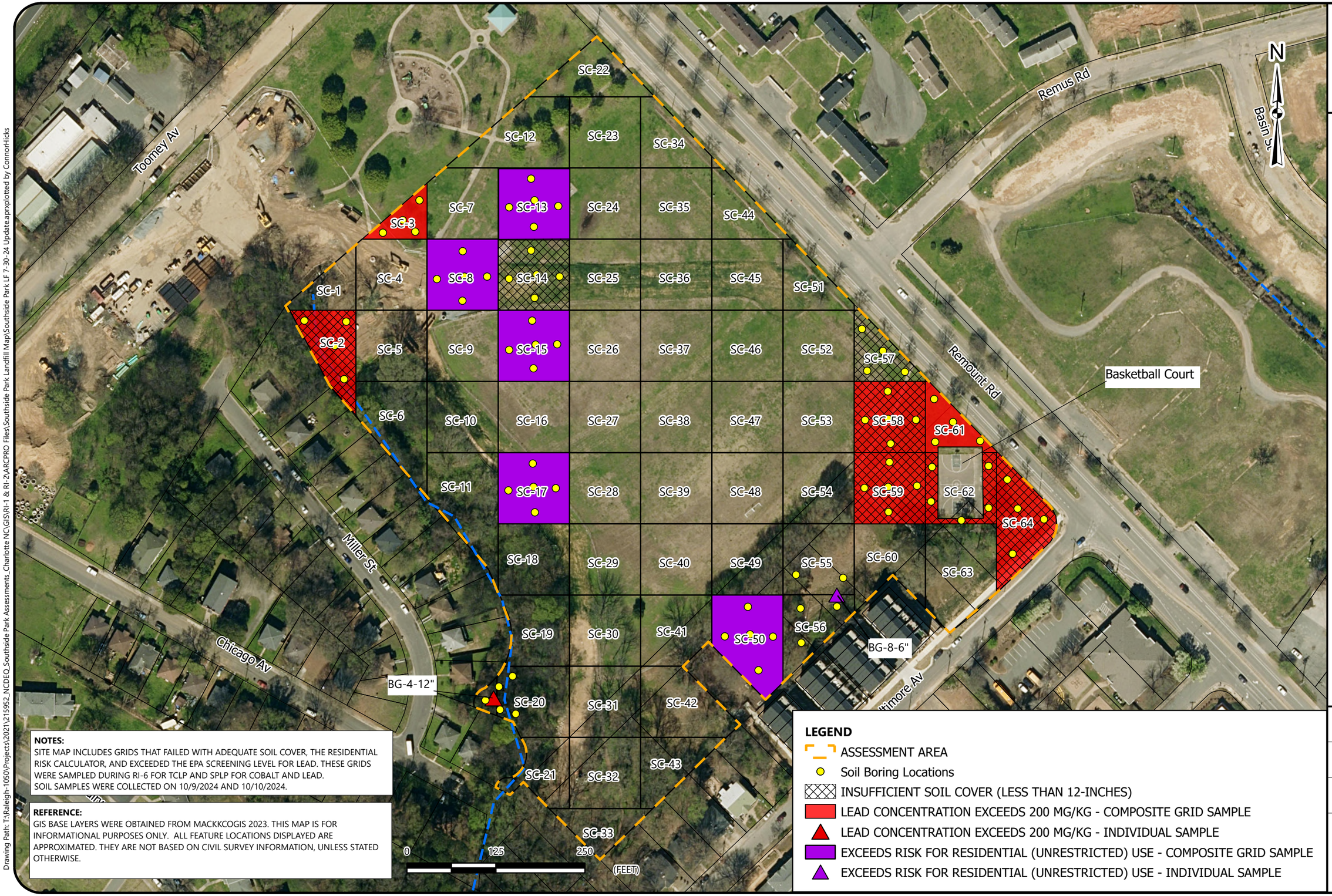
PROJECT NUMBER
215952

FIGURE NO.
1

Drawing Path: T:\Raleigh-1050\Projects\2021\215952_NCDEQ_Southside Park Assessments_Charlotte NC\GIS\RI-1 & RI-2\ARCPRO Files\Southside Park Landfill Map\Southside Park LF 7-30-24 Update.aprxplotted by ConnorHicks

SOIL BORING LOCATION MAP

SOUTHSIDE PARK LANDFILL
NCDEQ ID NO. NONCD0000807 - TASK ORDER 807RI-6
TOOMEY AVE, CHARLOTTE, MECKLENBURG COUNTY, NORTH CAROLINA



NOTES:
SITE MAP INCLUDES GRIDS THAT FAILED WITH ADEQUATE SOIL COVER, THE RESIDENTIAL RISK CALCULATOR, AND EXCEEDED THE EPA SCREENING LEVEL FOR LEAD. THESE GRIDS WERE SAMPLED DURING RI-6 FOR TCLP AND SPLP FOR COBALT AND LEAD.
SOIL SAMPLES WERE COLLECTED ON 10/9/2024 AND 10/10/2024.

REFERENCE:
GIS BASE LAYERS WERE OBTAINED FROM MACKKCOGIS 2023. THIS MAP IS FOR INFORMATIONAL PURPOSES ONLY. ALL FEATURE LOCATIONS DISPLAYED ARE APPROXIMATED. THEY ARE NOT BASED ON CIVIL SURVEY INFORMATION, UNLESS STATED OTHERWISE.

LEGEND

- ASSESSMENT AREA
- Soil Boring Locations
- INSUFFICIENT SOIL COVER (LESS THAN 12-INCHES)
- LEAD CONCENTRATION EXCEEDS 200 MG/KG - COMPOSITE GRID SAMPLE
- LEAD CONCENTRATION EXCEEDS 200 MG/KG - INDIVIDUAL SAMPLE
- EXCEEDS RISK FOR RESIDENTIAL (UNRESTRICTED) USE - COMPOSITE GRID SAMPLE
- EXCEEDS RISK FOR RESIDENTIAL (UNRESTRICTED) USE - INDIVIDUAL SAMPLE

SCALE:
1 in =125 ft

Date:
10/28/2024

PROJECT NUMBER
215952

FIGURE NO.
2

Drawing Path: T:\Raleigh-1050\Projects\2021\215952_NCDEQ_Southside Park Assessments_Charlotte NC\GIS\RI-1 & RI-2\ARCPRO Files\Southside Park Landfill Map\Southside Park LF 7-30-24 Update.aprxplotted by ConnorHicks

SOIL SAMPLE RESULTS MAP

SOUTHSIDE PARK LANDFILL
NCDEQ ID NO. NONCD0000807 - TASK ORDER 807RI-6
TOOMEY AVE, CHARLOTTE, MECKLENBURG COUNTY, NORTH CAROLINA

SC-3A
Lead
TCLP (mg/L): 0.00169
SPLP (mg/L): 0.0111
Total (mg/Kg): 57.1
Cobalt
SPLP (mg/L): 0.00124
Total (mg/Kg): 24.1

SC-8A
Lead
TCLP (mg/L): 0.00378
SPLP (mg/L): 0.00527
Total (mg/Kg): 28.2
Cobalt
SPLP (mg/L): 0.00141
Total (mg/Kg): 16.2

SC-13A
Lead
TCLP (mg/L): 0.00137
SPLP (mg/L): 0.0093
Total (mg/Kg): 41.2
Cobalt
TCLP (mg/L): 0.000585
SPLP (mg/L): 0.00245
Total (mg/Kg): 16.7

SC-57A
Lead
TCLP (mg/L): 0.0126
SPLP (mg/L): 0.00522
Total (mg/Kg): 30.4
Cobalt
TCLP (mg/L): 0.00235
SPLP (mg/L): 0.00194
Total (mg/Kg): 103

SC-58A
Lead
TCLP (mg/L): 0.0661
SPLP (mg/L): 0.0438
Total (mg/Kg): 277
Cobalt
SPLP (mg/L): 0.00178
Total (mg/Kg): 20.7

SC-59A
Lead
TCLP (mg/L): 1.22
SPLP (mg/L): 0.113
Total (mg/Kg): 1360
Cobalt
TCLP (mg/L): 0.00335
SPLP (mg/L): 0.00103
Total (mg/Kg): 14.9

SC-62A
Lead
TCLP (mg/L): 0.1
SPLP (mg/L): 0.0565
Total (mg/Kg): 174
Cobalt
SPLP (mg/L): 0.00152
Total (mg/Kg): 12.1

SC-14A
Lead
TCLP (mg/L): 0.0006
SPLP (mg/L): 0.00498
Total (mg/Kg): 22.2
Cobalt
SPLP (mg/L): 0.00151
Total (mg/Kg): 19.1

SC-2A
Lead
TCLP (mg/L): 0.00345
SPLP (mg/L): 0.0114
Total (mg/Kg): 116
Cobalt
SPLP (mg/L): 0.00127
Total (mg/Kg): 20.5

SC-15A
Lead
SPLP (mg/L): 0.00126
Total (mg/Kg): 4.2
Cobalt
SPLP (mg/L): 0.00154
Total (mg/Kg): 14.3
DUP-10A
Lead
SPLP (mg/L): 0.00087
Total (mg/Kg): 3.82
Cobalt
SPLP (mg/L): 0.00114
Total (mg/Kg): 15.7

SC-61A
Lead
TCLP (mg/L): 0.757
SPLP (mg/L): 0.146
Total (mg/Kg): 1160
Cobalt
TCLP (mg/L): 0.00480
SPLP (mg/L): 0.000957
Total (mg/Kg): 16
DUP-11A
Lead
TCLP (mg/L): 0.505
SPLP (mg/L): 0.137
Total (mg/Kg): 1260
Cobalt
SPLP (mg/L): 0.00098
Total (mg/Kg): 15.5

SC-17A
Lead
TCLP (mg/L): 0.00063
SPLP (mg/L): 0.00525
Total (mg/Kg): 24.1
Cobalt
SPLP (mg/L): 0.00159
Total (mg/Kg): 21.5

SC-55/56A
Lead
TCLP (mg/L): 0.00830
SPLP (mg/L): 0.00465
Total (mg/Kg): 19.3
Cobalt
TCLP (mg/L): 0.0101
SPLP (mg/L): 0.00151
Total (mg/Kg): 6.51

SC-64A
Lead
TCLP (mg/L): 24.6
SPLP (mg/L): 0.379
Total (mg/Kg): 2550
Cobalt
TCLP (mg/L): 0.0186
SPLP (mg/L): 0.00118
Total (mg/Kg): 19.8

SC-20A
Lead
TCLP (mg/L): 0.00795
SPLP (mg/L): 0.00582
Total (mg/Kg): 64.3
Cobalt
SPLP (mg/L): 0.00151
Total (mg/Kg): 11.7

SC-50A
Lead
TCLP (mg/L): 0.0236
SPLP (mg/L): 0.0106
Total (mg/Kg): 90.8
Cobalt
TCLP (mg/L): 0.00465
SPLP (mg/L): 0.00224
Total (mg/Kg): 31.6

Toomey Av
Basin St
Remount Rd
Basketball Court
BG-4-12"
BG-8-6"
SC-1 SC-2 SC-3 SC-4 SC-5 SC-6 SC-7 SC-8 SC-9 SC-10 SC-11 SC-12 SC-13 SC-14 SC-15 SC-16 SC-17 SC-18 SC-19 SC-20 SC-21 SC-22 SC-23 SC-24 SC-25 SC-26 SC-27 SC-28 SC-29 SC-30 SC-31 SC-32 SC-33 SC-40 SC-41 SC-42 SC-49 SC-50 SC-51 SC-52 SC-53 SC-54 SC-55 SC-56 SC-57 SC-58 SC-59 SC-60 SC-61 SC-62 SC-63 SC-64

N

0 125 250 (FEET)

NOTES:
SITE MAP INCLUDES GRIDS THAT FAILED WITH ADEQUATE SOIL COVER, THE RESIDENTIAL RISK CALCULATOR, AND EXCEEDED THE EPA SCREENING LEVEL FOR LEAD. THESE GRIDS WERE SAMPLED DURING RI-6 FOR TCLP AND SPLP FOR COBALT AND LEAD.
SOIL SAMPLES WERE COLLECTED ON 10/9/2024 AND 10/10/2024.
mg/L: MILLIGRAMS PER LITER
mg/Kg: MILLIGRAMS PER LITER

REFERENCE:
GIS BASE LAYERS WERE OBTAINED FROM MACKKCOGIS 2023. THIS MAP IS FOR INFORMATIONAL PURPOSES ONLY. ALL FEATURE LOCATIONS DISPLAYED ARE APPROXIMATED. THEY ARE NOT BASED ON CIVIL SURVEY INFORMATION, UNLESS STATED OTHERWISE.

LEGEND
- ASSESSMENT AREA
- Soil Boring Locations
- INSUFFICIENT SOIL COVER (LESS THAN 12-INCHES)
- LEAD CONCENTRATION EXCEEDS 200 MG/KG - COMPOSITE GRID SAMPLE
- LEAD CONCENTRATION EXCEEDS 200 MG/KG - INDIVIDUAL SAMPLE
- EXCEEDS RISK FOR RESIDENTIAL (UNRESTRICTED) USE - COMPOSITE GRID SAMPLE
- EXCEEDS RISK FOR RESIDENTIAL (UNRESTRICTED) USE - INDIVIDUAL SAMPLE

SCALE:
1 in =125 ft

Date:
10/29/2024

PROJECT NUMBER
215952

FIGURE NO.
3

Drawing Path: T:\Raleigh-1050\Projects\2021\215952_NCDEQ_Southside Park Assessments_Charlotte NC\GIS\RI-1 & RI-2\ARCPRO Files\Southside Park LF 7-30-24 Update.aprxplotted by ConnorHicks

Tables

Table 1
Soil Sample Analytical Results
Southside Park Landfill
NCDEQ Site ID: NONCD0000807, Task Order 807RI-6
S&ME Project Number: 215952

		Lead			Cobalt		
Analytical Method →		1311 / 6020B	1312 / 6020B	6020B	1311 / 6020B	1312 / 6020B	6020B
Analyte →		TCLP Lead (mg/L)	SPLP Lead (mg/L)	Total Lead (mg/Kg)	TCLP Cobalt (mg/L)	SPLP Cobalt (mg/L)	Total Cobalt (mg/Kg)
Sample ID	Date Collected						
SC-2A	10/9/2024	**0.00345**	**0.0114**	**116**	<0.0005	**0.00127**	**20.5 F1 F2**
SC-3A	10/9/2024	**0.00169 J**	**0.0111**	**57.1**	<0.0005	**0.00124**	**24.1**
SC-8A	10/9/2024	**0.00378**	**0.00527**	**28.2**	<0.0005	**0.00141**	**16.2**
SC-13A	10/9/2024	**0.00137 J**	**0.0093**	**41.2**	**0.000585**	**0.00245**	**16.7**
SC-14A	10/9/2024	**0.0006 J**	**0.00498**	**22.2**	<0.0005	**0.00151**	**19.1**
SC-15A	10/9/2024	<0.0025	**0.00126 J**	**4.2**	<0.0005	**0.00154**	**14.3**
SC-17A	10/9/2024	**0.00063**	**0.00525**	**24.1**	<0.0005	**0.00159**	**21.5**
SC-20A	10/10/2024	**0.00795 J**	**0.00582**	**64.3**	<0.005	**0.00151**	**11.7**
SC-50A	10/10/2024	**0.0236 J**	**0.0106**	**90.8**	**0.00465 J**	**0.00224**	**31.6**
SC-55/56A	10/10/2024	**0.00830 J**	**0.00465**	**19.3**	**0.0101**	**0.00151**	**6.51**
SC-57A	10/10/2024	**0.0126 J**	**0.00522**	**30.4**	**0.00235 J**	**0.00194**	**103**
SC-58A	10/10/2024	**0.0661**	**0.0438**	**277**	<0.005	**0.00178**	**20.7**
SC-59A	10/10/2024	**1.22**	**0.113**	**1,360**	**0.00335 J**	**0.00103**	**14.9**
SC-61A	10/10/2024	**0.757**	**0.146**	**1,160**	**0.00480 J**	**0.000957**	**16**
SC-62A	10/10/2024	**0.1**	**0.0565**	**174**	<0.005	**0.00152**	**12.1**
SC-64A	10/10/2024	**24.6**	**0.379**	**2,550**	**0.0186**	**0.00118**	**19.8**
DUP-10A (SC-15A)	10/9/2024	<0.0025	**0.00087 J**	**3.82**	<0.0005	**0.00114**	**15.7**
DUP-11A (SC-61A)	10/10/2024	**0.505**	**0.137**	**1,260**	<0.005	**0.00098**	**15.5**
		5 mg/L TCLP Regulatory Level	**0.015 mg/L 2L Groundwater Standard**	**200 mg/Kg USEPA Screening Level**		**0.001 mg/L 2L Groundwater Standard**	**2.3 mg/kg USEPA Screening Level**

Notes:
mg/L: milligrams per liter
mg/Kg: milligrams per kilogram
TCLP: Toxic Characteristic Leaching Procedure
SPLP: Synthetic Precipitation Leaching Procedure
Concentrations shown in **BOLD** exceed the laboratory detection limits.
F1: MS and/or MSD recovery exceeds control limits.
F2: MS/MSD RPD exceeds control limits
J: Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Lead concentrations that exceed the USEPA Maximum Concentration for TCLP are **highlighted yellow.**
Concentrations that exceed the Maximum Concentration of the NCDEQ Groundwater Standards from the SPLP are **highlighted blue.**
Total Lead concentrations that exceed the USEPA Residential Screening Level are **highlighted green.**
Total Cobalt concentrations that exceed the USEPA Residential Screening Level are **highlighted orange.**

Appendices

Appendix I – Coordinates of Selected Features

APPENDIX I

Coordinates of Selected Features

Southside Park Landfill

NCDEQ Site ID: NONCD0000807

S&ME Project Number: 215952 Task Order 807RI-6

Site Feature	Type	Location			
		Latitude	Longitude	Northing	Easting
SC-2A NW	Composite Soil Sample	1440123.241	535657.7908	535657.7908	1440123.241
SC-2A NE	Composite Soil Sample	1440182.015	535656.3213	535656.3213	1440182.015
SC-2A C	Composite Soil Sample	1440165.852	535622.5261	535622.5261	1440165.852
SC-2A S	Composite Soil Sample	1440179.076	535575.5068	535575.5068	1440179.076
SC-3A N	Composite Soil Sample	1440284.871	535826.7671	535826.7671	1440284.871
SC-3A C	Composite Soil Sample	1440261.361	535798.8492	535798.8492	1440261.361
SC-3A SW	Composite Soil Sample	1440233.443	535781.217	535781.217	1440233.443
SC-3A SE	Composite Soil Sample	1440278.993	535782.6862	535782.6862	1440278.993
SC-8A N	Composite Soil Sample	1440345.554	535755.2748	535755.2748	1440345.554
SC-8A E	Composite Soil Sample	1440379.847	535719.5954	535719.5954	1440379.847
SC-8A C	Composite Soil Sample	1440348.053	535719.5039	535719.5039	1440348.053
SC-8A W	Composite Soil Sample	1440309.393	535716.0918	535716.0918	1440309.393
SC-8A S	Composite Soil Sample	1440345.206	535685.7087	535685.7087	1440345.206
SC-13A N	Composite Soil Sample	1440441.619	535857.1421	535857.1421	1440441.619
SC-13A E	Composite Soil Sample	1440479.839	535818.5985	535818.5985	1440479.839
SC-13A C	Composite Soil Sample	1440446.5	535826.7671	535826.7671	1440446.5
SC-13A W	Composite Soil Sample	1440410.804	535816.9958	535816.9958	1440410.804
SC-13A S	Composite Soil Sample	1440445.554	535789.5513	535789.5513	1440445.554
SC-14A N	Composite Soil Sample	1440441.619	535756.2377	535756.2377	1440441.619
SC-14A E	Composite Soil Sample	1440481.69	535719.5954	535719.5954	1440481.69
SC-14A C	Composite Soil Sample	1440449.439	535722.4425	535722.4425	1440449.439
SC-14A W	Composite Soil Sample	1440410.779	535716.623	535716.623	1440410.779
SC-14A S	Composite Soil Sample	1440446.542	535689.685	535689.685	1440446.542
SC-15A N	Composite Soil Sample	1440443.113	535657.7409	535657.7409	1440443.113
SC-15A E	Composite Soil Sample	1440478.295	535624.5188	535624.5188	1440478.295
SC-15A C	Composite Soil Sample	1440447.969	535623.9955	535623.9955	1440447.969
SC-15A W	Composite Soil Sample	1440410.854	535616.6566	535616.6566	1440410.854
SC-15A S	Composite Soil Sample	1440445.047	535590.682	535590.682	1440445.047
SC-17A N	Composite Soil Sample	1440443.976	535456.9703	535456.9703	1440443.976
SC-17A E	Composite Soil Sample	1440476.319	535422.3037	535422.3037	1440476.319
SC-17A C	Composite Soil Sample	1440445.031	535424.1626	535424.1626	1440445.031
SC-17A W	Composite Soil Sample	1440409.791	535419.2312	535419.2312	1440409.791
SC-17A S	Composite Soil Sample	1440446.948	535388.4163	535388.4163	1440446.948
SC-20A NE	Composite Soil Sample	1440415.643	535158.2087	535158.2087	1440415.643
SC-20A SE	Composite Soil Sample	1440420.051	535105.3119	535105.3119	1440420.051
SC-20A W	Composite Soil Sample	1440377.44	535124.4135	535124.4135	1440377.44
SC-20A NC	Composite Soil Sample	1440396.542	535143.5152	535143.5152	1440396.542
SC-20A SC	Composite Soil Sample	1440398.011	535111.1892	535111.1892	1440398.011
SC-50A N	Composite Soil Sample	1440746.182	535255.6679	535255.6679	1440746.182
SC-50A E	Composite Soil Sample	1440781.414	535213.7542	535213.7542	1440781.414
SC-50A C	Composite Soil Sample	1440749.188	535216.9829	535216.9829	1440749.188
SC-50A W	Composite Soil Sample	1440713.741	535214.1771	535214.1771	1440713.741
SC-50A S	Composite Soil Sample	1440761.092	535166.5683	535166.5683	1440761.092
SC-55/56A NW	Composite Soil Sample	1440813.84	535300.7367	535300.7367	1440813.84
SC-55/56A NE	Composite Soil Sample	1440879.961	535296.3286	535296.3286	1440879.961
SC-55/56A E	Composite Soil Sample	1440871.274	535256.0563	535256.0563	1440871.274
SC-55/56A W	Composite Soil Sample	1440820.131	535253.4746	535253.4746	1440820.131
SC-55/56A S	Composite Soil Sample	1440821.186	535205.2283	535205.2283	1440821.186
SC-57A N	Composite Soil Sample	1440906.409	535646.0359	535646.0359	1440906.409
SC-57A C	Composite Soil Sample	1440935.796	535615.1793	535615.1793	1440935.796
SC-57A SE	Composite Soil Sample	1440966.653	535585.7922	535585.7922	1440966.653
SC-57A SW	Composite Soil Sample	1440913.756	535587.2617	535587.2617	1440913.756
SC-58A N	Composite Soil Sample	1440942.67	535558.3559	535558.3559	1440942.67
SC-58A E	Composite Soil Sample	1440982.26	535518.3931	535518.3931	1440982.26
SC-58A C	Composite Soil Sample	1440943.143	535519.671	535519.671	1440943.143
SC-58A W	Composite Soil Sample	1440910.817	535518.1349	535518.1349	1440910.817
SC-58A S	Composite Soil Sample	1440946.63	535484.8879	535484.8879	1440946.63
SC-59A N	Composite Soil Sample	1440945.027	535458.8961	535458.8961	1440945.027
SC-59A E	Composite Soil Sample	1440983.704	535425.6741	535425.6741	1440983.704
SC-59A C	Composite Soil Sample	1440943.143	535424.1626	535424.1626	1440943.143
SC-59A W	Composite Soil Sample	1440909.879	535422.6515	535422.6515	1440909.879
SC-59A S	Composite Soil Sample	1440943.692	535388.8979	535388.8979	1440943.692
SC-61A N	Composite Soil Sample	1441007.795	535547.5889	535547.5889	1441007.795
SC-61A C	Composite Soil Sample	1441034.243	535515.2628	535515.2628	1441034.243
SC-61A SE	Composite Soil Sample	1441072.447	535488.8144	535488.8144	1441072.447
SC-61A SW	Composite Soil Sample	1441009.264	535487.3452	535487.3452	1441009.264
SC-62A NE	Composite Soil Sample	1441084.202	535453.55	535453.55	1441084.202
SC-62A SE	Composite Soil Sample	1441084.202	535394.7755	535394.7755	1441084.202
SC-62A S	Composite Soil Sample	1441045.998	535377.1433	535377.1433	1441045.998
SC-62A NW	Composite Soil Sample	1441004.856	535452.0805	535452.0805	1441004.856
SC-62A SW	Composite Soil Sample	1441003.387	535403.5918	535403.5918	1441003.387
SC-64A N	Composite Soil Sample	1441110.65	535434.4484	535434.4484	1441110.65
SC-64A E	Composite Soil Sample	1441162.078	535378.6125	535378.6125	1441162.078
SC-64A C	Composite Soil Sample	1441125.109	535393.6587	535393.6587	1441125.109
SC-64A S	Composite Soil Sample	1441117.997	535330.1238	535330.1238	1441117.997

Appendix II – Field Notes / Boring Logs

BORING LOG

Project Name: Southside LF RI-6
Job No. 215952

Boring Number: **SC-2** **Drilling method:** Power Auger

Date Drilled: 10/09/2024
Total Depth: 12"

STRATIFICATION

Depth (Inches)			PID Reading (ppm)	Sample No. and	
From	To	Soil Description		Sample No.	Depth (Ft-BGS)
		SC-2		Composite sample: SC-2A Sample Time: 1055 Notes: Glass, stone, slag, tile, plastic	
0.0	12.0	brown silty sand			

Notes:

1. Ft-BGS: Feet Below Ground Surface
2. PID: Photo-Ionization Detector
3. PPM: parts per million (volume/volume)

Boring Number: **SC-3** **Drilling method:** Power Auger

Date Drilled: 10/09/2024
Total Depth: 12"

STRATIFICATION

Depth (Inches)			PID Reading (ppm)	Sample No. and Depth	
From	To	Soil Description		Sample No.	Depth (Ft-BGS)
		SC-3			
0.0	12.0	Red Brown Silty Sand			
				Composite sample: SC-3A Sample Time: 1040 Notes: Glass throughout	

Notes:

1. Ft-BGS: Feet Below Ground Surface
2. PID: Photo-Ionization Detector
3. PPM: parts per million (volume/volume)

Boring Number: **SC-8** **Drilling method:** Power Auger

Date Drilled: 10/09/2024
Total Depth: 12"

STRATIFICATION

Depth (Inches)			PID Reading (ppm)	Sample No. and Depth	
From	To	Soil Description		Sample No.	Depth (Ft-BGS)
		SC-8		Composite sample: SC-8A Sample Time: 1200 Notes: Glass, stone	
0.0	12.0	Red Brown Silty Sand			

Notes:

1. Ft-BGS: Feet Below Ground Surface
2. PID: Photo-Ionization Detector
3. PPM: parts per million (volume/volume)

Boring Number: **SC-13** **Drilling method:** Power Auger

Date Drilled: 10/09/2024
Total Depth: 12"

STRATIFICATION

Depth (Inches)			PID Reading (ppm)	Sample No. and	
From	To	Soil Description		Sample No.	Depth (Ft-BGS)
		SC-13		Composite sample: SC-13A Sample Time: 1120 Notes: Glass throughout, minor fabric	
0.0	12.0	Yellow Brown Silty Sand			

Notes:

1. Ft-BGS: Feet Below Ground Surface
2. PID: Photo-Ionization Detector
3. PPM: parts per million (volume/volume)

Boring Number: **SC-14** **Drilling method:** Power Auger

Date Drilled: 10/09/2024
Total Depth: 12"

STRATIFICATION

Depth (Inches)			PID Reading (ppm)	Sample No. and Depth	
From	To	Soil Description		Sample No.	Depth (Ft-BGS)
		SC-14			
0.0	12.0	Tan Brown Silty Sand			
				Composite sample: SC-14A Sample Time: 1220 Notes: Glass, slag throughout	

Notes:

1. Ft-BGS: Feet Below Ground Surface
2. PID: Photo-Ionization Detector
3. PPM: parts per million (volume/volume)

Boring Number: **SC-15** **Drilling method:** Power Auger

Date Drilled: 10/09/2024
Total Depth: 12"

STRATIFICATION

Depth (Inches)			PID Reading (ppm)	Sample No. and	
From	To	Soil Description		Sample No.	Depth (Ft-BGS)
		SC-15		Composite sample: SC-15A Sample Time: 1240 Notes: Glass, slag throughout Dup-10A	
0.0	12.0	Tan Brown Silty Sand			

Notes:

1. Ft-BGS: Feet Below Ground Surface
2. PID: Photo-Ionization Detector
3. PPM: parts per million (volume/volume)

Boring Number: **SC-17** **Drilling method:** Power Auger

Date Drilled: 10/09/2024
Total Depth: 12"

STRATIFICATION

Depth (Inches)			PID Reading (ppm)	Sample No. and	
From	To	Soil Description		Sample No.	Depth (Ft-BGS)
		SC-17		Composite sample: SC-17A Sample Time: 1340 Notes: Glass, Slag, Stone throughout; Minor Brick, Concrete	
0.0	12.0	Red Brown Silty Sand			

Notes:

1. Ft-BGS: Feet Below Ground Surface
2. PID: Photo-Ionization Detector
3. PPM: parts per million (volume/volume)

Boring Number: **SC-20** **Drilling method:** Power Auger

Date Drilled: 10/10/2024
Total Depth: 12"

STRATIFICATION

Depth (Inches)			PID Reading (ppm)	Sample No. and	
From	To	Soil Description		Sample No.	Depth (Ft-BGS)
		SC-20		Composite sample: SC-20A Sample Time: 0900 Notes: Glass	
0.0	12.0	Red brown Silty Sand			

Notes:

1. Ft-BGS: Feet Below Ground Surface
2. PID: Photo-Ionization Detector
3. PPM: parts per million (volume/volume)

Boring Number: **SC-50** **Drilling method:** Power Auger

Date Drilled: 10/10/2024
Total Depth: 12"

STRATIFICATION

Depth (Inches)			PID Reading (ppm)	Sample No. and	
From	To	Soil Description		Sample No.	Depth (Ft-BGS)
		SC-50		Composite sample: SC-50A Sample Time: 0920 Notes: Minor glass, stone	
0.0	12.0	Red brown Silty Sand			

Notes:

1. Ft-BGS: Feet Below Ground Surface
2. PID: Photo-Ionization Detector
3. PPM: parts per million (volume/volume)

Boring Number: **SC-55/56** **Drilling method:** Power Auger

Date Drilled: 10/10/2024
Total Depth: 12"

STRATIFICATION

Depth (Inches)			PID Reading (ppm)	Sample No. and	
From	To	Soil Description		Sample No.	Depth (Ft-BGS)
		SC-55/56			
0.0	12.0	Tan Brown Silty Sand			

Composite sample: SC-55-56A
Sample Time: 0950
Notes:

Notes:

1. Ft-BGS: Feet Below Ground Surface
2. PID: Photo-Ionization Detector
3. PPM: parts per million (volume/volume)

Boring Number: **SC-57** **Drilling method:** Power Auger

Date Drilled: 10/10/2024
Total Depth: 12"

STRATIFICATION

Depth (Inches)			PID Reading (ppm)	Sample No. and	
From	To	Soil Description		Sample No.	Depth (Ft-BGS)
		SC-57		Composite sample: SC-57A Sample Time: 1020 Notes: Glass, stone, slag throughout	
0.0	12.0	Red Brown Silty Sand			

Notes:

1. Ft-BGS: Feet Below Ground Surface
2. PID: Photo-Ionization Detector
3. PPM: parts per million (volume/volume)

Boring Number: **SC-58** **Drilling method:** Power Auger

Date Drilled: 10/10/2024
Total Depth: 12"

STRATIFICATION

Depth (Inches)			PID Reading (ppm)	Sample No. and	
From	To	Soil Description		Sample No.	Depth (Ft-BGS)
		SC-58		Composite sample: SC-58A Sample Time: 1100 Notes: Stone, slag	
0.0	12.0	Brown Silty Sand			

Notes:

1. Ft-BGS: Feet Below Ground Surface
2. PID: Photo-Ionization Detector
3. PPM: parts per million (volume/volume)

Boring Number: **SC-59** **Drilling method:** Power Auger

Date Drilled: 10/10/2024
Total Depth: 12"

STRATIFICATION

Depth (Inches)			PID Reading (ppm)	Sample No. and	
From	To	Soil Description		Sample No.	Depth (Ft-BGS)
		SC-59		Composite sample: SC-59A Sample Time: 1320 Notes: Glass, slag, stone, brick, tile	
0.0	12.0	Brown Silty Sand			

Notes:

1. Ft-BGS: Feet Below Ground Surface
2. PID: Photo-Ionization Detector
3. PPM: parts per million (volume/volume)

Boring Number: **SC-61** **Drilling method:** Power Auger

Date Drilled: 10/10/2024
Total Depth: 12"

STRATIFICATION

Depth (Inches)			PID Reading (ppm)	Sample No. and	
From	To	Soil Description		Sample No.	Depth (Ft-BGS)
		SC-61			
0.0	12.0	Brown Silty Sand			

Composite sample: SC-61A
Sample Time: 1340
Notes: Minor slag, brick

Notes:

1. Ft-BGS: Feet Below Ground Surface
2. PID: Photo-Ionization Detector
3. PPM: parts per million (volume/volume)

Boring Number: **SC-62** **Drilling method:** Power Auger

Date Drilled: 10/10/2024
Total Depth: 12"

STRATIFICATION

Depth (Inches)			PID Reading (ppm)	Sample No. and	
From	To	Soil Description		Sample No.	Depth (Ft-BGS)
		SC-62		Composite sample: SC-62A Sample Time: 1300 Notes: Stone, glass, slag	
0.0	12.0	Brown Silty Sand			

Notes:

1. Ft-BGS: Feet Below Ground Surface
2. PID: Photo-Ionization Detector
3. PPM: parts per million (volume/volume)

Boring Number: **SC-64** **Drilling method:** Power Auger

Date Drilled: 10/10/2024
Total Depth: 12"

STRATIFICATION

Depth (Inches)			PID Reading (ppm)	Sample No. and	
From	To	Soil Description		Sample No.	Depth (Ft-BGS)
		SC-64			
0.0	12.0	Brown Silty Sand			
				Composite sample: SC-64A Sample Time: 1350 Notes: Glass, stone, slag	

Notes:

1. Ft-BGS: Feet Below Ground Surface
2. PID: Photo-Ionization Detector
3. PPM: parts per million (volume/volume)

Environmental Field Report	
Date: 10/09/2024	**Job Number:** 215952
Project Name: Southside Park	**Weather/Temperature:** 73, Sunny
Project Location: 2645 Toomey Ave, Charlotte, NC 28203	
Notes By: ☒	**Present at the Site:** Matt Brundage (MB) James Gehman (JG)

Equipment Used
Power auger

JG and MB arrive onsite at 0900. Discuss scope of work and HASP. Decontaminate power auger and sampling equipment.

Begin by plotting out boring locations within predetermined grids: SC-2, SC-3, SC-8, SC-13, SC-14, SC-15, SC-17, SC-50, SC-55/56.

Start at SC-3, MB augers to 12" depth near each previous boring location within the grid. JG collects soil from each bore to composite and jars soil sample SC-3A. Backfill all borings.

Start at SC-2, MB augers to 12" depth near each previous boring location within the grid. JG collects soil from each bore to composite and jars soil sample SC-2A. Backfill all borings.

Start at SC-8, MB augers to 12" depth near each previous boring location within the grid. JG collects soil from each bore to composite and jars soil sample SC-8A. Backfill all borings.

Start at SC-13, MB augers to 12" depth near each previous boring location within the grid. JG collects soil from each bore to composite and jars soil sample SC-13A. Backfill all borings.

Start at SC-14, MB augers to 12" depth near each previous boring location within the grid. JG collects soil from each bore to composite and jars soil sample SC-14A. Backfill all borings.

Start at SC-15, MB augers to 12" depth near each previous boring location within the grid. JG collects soil from each bore to composite and jars soil sample SC-15A. Backfill all borings.

Start at SC-17, MB augers to 12" depth near each previous boring location within the grid. JG collects soil from each bore to composite and jars soil sample SC-17A. Backfill all borings.

Pack samples in ice for transport. Complete Chain of Custody. Finish at 1430. JG to deliver samples to Eurofins Service Center.

Field notes completed by: James Gehman

Environmental Field Report	
Date: 10/10/2024	**Job Number:** 215952
Project Name: Southside Park	**Weather/Temperature:** 70, Sunny
Project Location: 2645 Toomey Ave, Charlotte, NC 28203	
Notes By: ☒	**Present at the Site:** Matt Brundage (MB) James Gehman (JG)

Equipment Used
Power auger

JG and MB arrive onsite at 09815. Discuss scope of work and HASP. Decontaminate power auger and sampling equipment.

Begin by plotting out boring locations within predetermined grids: SC-20, SC-57, SC-58, SC-59, SC-61, SC-62, SC-64.

Start at SC-20, MB augers to 12" depth near each previous boring location within the grid. JG collects soil from each bore to composite and jars soil sample SC-20A. Backfill all borings.

Start at SC-50, MB augers to 12" depth near each previous boring location within the grid. JG collects soil from each bore to composite and jars soil sample SC-50A. Backfill all borings.

Start at SC-55/56, MB augers to 12" depth near each previous boring location within the grid. JG collects soil from each bore to composite and jars soil sample SC-55/56A. Backfill all borings.

Start at SC-57, MB augers to 12" depth near each previous boring location within the grid. JG collects soil from each bore to composite and jars soil sample SC-57A. Backfill all borings.

Start at SC-58, MB augers to 12" depth near each previous boring location within the grid. JG collects soil from each bore to composite and jars soil sample SC-58A. Backfill all borings.

Start at SC-62, MB augers to 12" depth near each previous boring location within the grid. JG collects soil from each bore to composite and jars soil sample SC-62A. Backfill all borings.

Start at SC-59, MB augers to 12" depth near each previous boring location within the grid. JG collects soil from each bore to composite and jars soil sample SC-59A. Backfill all borings.

Start at SC-61, MB augers to 12" depth near each previous boring location within the grid. JG collects soil from each bore to composite and jars soil sample SC-61A. Backfill all borings.

Start at SC-64, MB augers to 12" depth near each previous boring location within the grid. JG collects soil from each bore to composite and jars soil sample SC-64A. Backfill all borings.

Pack samples in ice for transport. Complete Chain of Custody. Finish at 1530. JG to deliver samples to Eurofins Service Center.

Field notes completed by: James Dehn

Appendix III– Laboratory Reports and Chain of Custody

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Thomas Raymond
S&ME Inc
3201 Spring Forest Road
Raleigh, North Carolina 27616

Generated 10/23/2024 7:22:10 PM

JOB DESCRIPTION

Southside Park Landfill

JOB NUMBER

680-257065-1

Eurofins Savannah
5102 LaRoche Avenue
Savannah GA 31404

See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization

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Definitions/Glossary

Client: S&ME Inc
Job ID: 680-257065-1
Project/Site: Southside Park Landfill

Qualifiers

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

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
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
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)
TNTC	Too Numerous To Count

Sample Summary

Client: S&ME Inc
Job ID: 680-257065-1
Project/Site: Southside Park Landfill

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-257065-1	SC-20A	Solid	10/10/24 09:00	10/11/24 10:05
680-257065-2	SC-50A	Solid	10/10/24 09:20	10/11/24 10:05
680-257065-3	SC-55/56A	Solid	10/10/24 09:50	10/11/24 10:05
680-257065-4	SC-57A	Solid	10/10/24 10:20	10/11/24 10:05
680-257065-5	SC-58A	Solid	10/10/24 11:00	10/11/24 10:05
680-257065-6	SC-59A	Solid	10/10/24 13:20	10/11/24 10:05
680-257065-7	SC-61A	Solid	10/10/24 13:40	10/11/24 10:05
680-257065-8	SC-62A	Solid	10/10/24 13:00	10/11/24 10:05
680-257065-9	SC-64A	Solid	10/10/24 13:50	10/11/24 10:05
680-257065-10	DUP-11A	Solid	10/10/24 00:00	10/11/24 10:05

Job ID: 680-257065-1 Eurofins Savannah

Job Narrative
680-257065-1

Receipt
The samples were received on 10/11/2024 10:05 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.3°C.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: S&ME Inc
Project/Site: Southside Park Landfill

Job ID: 680-257065-1

Client Sample ID: SC-20A — Lab Sample ID: 680-257065-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	11.7		0.0558	0.0112	mg/Kg	1	☼	6020B	Total/NA
Lead	64.3		0.223	0.0558	mg/Kg	1	☼	6020B	Total/NA
Lead	0.00795	J	0.0250	0.00340	mg/L	1		6020B	TCLP
Cobalt	1.51		0.500	0.220	ug/L	1		6020B	SPLP East
Lead	5.82		2.50	0.340	ug/L	1		6020B	SPLP East

Client Sample ID: SC-50A — Lab Sample ID: 680-257065-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	31.6		0.0543	0.0109	mg/Kg	1	☼	6020B	Total/NA
Lead	90.8		0.217	0.0543	mg/Kg	1	☼	6020B	Total/NA
Cobalt	0.00465	J	0.00500	0.00220	mg/L	1		6020B	TCLP
Lead	0.0236	J	0.0250	0.00340	mg/L	1		6020B	TCLP
Cobalt	2.24		0.500	0.220	ug/L	1		6020B	SPLP East
Lead	10.6		2.50	0.340	ug/L	1		6020B	SPLP East

Client Sample ID: SC-55/56A — Lab Sample ID: 680-257065-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	6.51		0.0530	0.0106	mg/Kg	1	☼	6020B	Total/NA
Lead	19.3		0.212	0.0530	mg/Kg	1	☼	6020B	Total/NA
Cobalt	0.0101		0.00500	0.00220	mg/L	1		6020B	TCLP
Lead	0.00830	J	0.0250	0.00340	mg/L	1		6020B	TCLP
Cobalt	1.51		0.500	0.220	ug/L	1		6020B	SPLP East
Lead	4.65		2.50	0.340	ug/L	1		6020B	SPLP East

Client Sample ID: SC-57A — Lab Sample ID: 680-257065-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	103		0.0569	0.0114	mg/Kg	1	☼	6020B	Total/NA
Lead	30.4		0.228	0.0569	mg/Kg	1	☼	6020B	Total/NA
Cobalt	0.00235	J	0.00500	0.00220	mg/L	1		6020B	TCLP
Lead	0.0126	J	0.0250	0.00340	mg/L	1		6020B	TCLP
Cobalt	1.94		0.500	0.220	ug/L	1		6020B	SPLP East
Lead	5.22		2.50	0.340	ug/L	1		6020B	SPLP East

Client Sample ID: SC-58A — Lab Sample ID: 680-257065-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	20.7		0.0562	0.0112	mg/Kg	1	☼	6020B	Total/NA
Lead	277		0.225	0.0562	mg/Kg	1	☼	6020B	Total/NA
Lead	0.0661		0.0250	0.00340	mg/L	1		6020B	TCLP
Cobalt	1.78		0.500	0.220	ug/L	1		6020B	SPLP East
Lead	43.8		2.50	0.340	ug/L	1		6020B	SPLP East

Client Sample ID: SC-59A — Lab Sample ID: 680-257065-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	14.9		0.0578	0.0116	mg/Kg	1	☼	6020B	Total/NA
Lead	1360		0.231	0.0578	mg/Kg	1	☼	6020B	Total/NA
Cobalt	0.00335	J	0.00500	0.00220	mg/L	1		6020B	TCLP
Lead	1.22		0.0250	0.00340	mg/L	1		6020B	TCLP
Cobalt	1.03		0.500	0.220	ug/L	1		6020B	SPLP East

This Detection Summary does not include radiochemical test results.

Eurofins Savannah

Client Sample ID: SC-59A (Continued) — Lab Sample ID: 680-257065-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	113		2.50	0.340	ug/L	1		6020B	SPLP East

Client Sample ID: SC-61A — Lab Sample ID: 680-257065-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	16.0		0.0627	0.0125	mg/Kg	1	☼	6020B	Total/NA
Lead	1160		0.251	0.0627	mg/Kg	1	☼	6020B	Total/NA
Cobalt	0.00480	J	0.00500	0.00220	mg/L	1		6020B	TCLP
Lead	0.757		0.0250	0.00340	mg/L	1		6020B	TCLP
Cobalt	0.975		0.500	0.220	ug/L	1		6020B	SPLP East
Lead	146		2.50	0.340	ug/L	1		6020B	SPLP East

Client Sample ID: SC-62A — Lab Sample ID: 680-257065-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	12.1		0.0536	0.0107	mg/Kg	1	☼	6020B	Total/NA
Lead	174		0.214	0.0536	mg/Kg	1	☼	6020B	Total/NA
Lead	0.100		0.0250	0.00340	mg/L	1		6020B	TCLP
Cobalt	1.52		0.500	0.220	ug/L	1		6020B	SPLP East
Lead	56.5		2.50	0.340	ug/L	1		6020B	SPLP East

Client Sample ID: SC-64A — Lab Sample ID: 680-257065-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	19.8		0.0508	0.0102	mg/Kg	1	☼	6020B	Total/NA
Lead	2550		2.03	0.508	mg/Kg	10	☼	6020B	Total/NA
Cobalt	0.0186		0.00500	0.00220	mg/L	1		6020B	TCLP
Lead	24.6		0.0250	0.00340	mg/L	1		6020B	TCLP
Cobalt	1.18		0.500	0.220	ug/L	1		6020B	SPLP East
Lead	379		2.50	0.340	ug/L	1		6020B	SPLP East

Client Sample ID: DUP-11A — Lab Sample ID: 680-257065-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	15.5		0.0571	0.0114	mg/Kg	1	☼	6020B	Total/NA
Lead	1260		0.228	0.0571	mg/Kg	1	☼	6020B	Total/NA
Lead	0.505		0.0250	0.00340	mg/L	1		6020B	TCLP
Cobalt	0.980		0.500	0.220	ug/L	1		6020B	SPLP East
Lead	137		2.50	0.340	ug/L	1		6020B	SPLP East

This Detection Summary does not include radiochemical test results.

Client: S&ME Inc
Job ID: 680-257065-1
Project/Site: Southside Park Landfill

Client Sample ID: SC-20A
Lab Sample ID: 680-257065-1
Date Collected: 10/10/24 09:00
Matrix: Solid
Date Received: 10/11/24 10:05

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	ND		0.00500	0.00220	mg/L		10/22/24 04:54	10/22/24 18:55	1
Lead	**0.00795**	**J**	0.0250	0.00340	mg/L		10/22/24 04:54	10/22/24 18:55	1

Method: SW846 6020B - Metals (ICP/MS) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	**1.51**		0.500	0.220	ug/L		10/21/24 05:45	10/21/24 15:35	1
Lead	**5.82**		2.50	0.340	ug/L		10/21/24 05:45	10/21/24 15:35	1

Client Sample Results

Client: S&ME Inc
Job ID: 680-257065-1
Project/Site: Southside Park Landfill

Client Sample ID: SC-20A
Lab Sample ID: 680-257065-1
Date Collected: 10/10/24 09:00
Matrix: Solid
Date Received: 10/11/24 10:05
Percent Solids: 78.6

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	11.7		0.0558	0.0112	mg/Kg	☼	10/12/24 12:57	10/15/24 20:35	1
Lead	64.3		0.223	0.0558	mg/Kg	☼	10/12/24 12:57	10/15/24 20:35	1

Client: S&ME Inc
Job ID: 680-257065-1
Project/Site: Southside Park Landfill

Client Sample ID: SC-50A
Lab Sample ID: 680-257065-2
Date Collected: 10/10/24 09:20
Matrix: Solid
Date Received: 10/11/24 10:05

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	0.00465	J	0.00500	0.00220	mg/L		10/22/24 04:54	10/22/24 18:57	1
Lead	0.0236	J	0.0250	0.00340	mg/L		10/22/24 04:54	10/22/24 18:57	1

Method: SW846 6020B - Metals (ICP/MS) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	2.24		0.500	0.220	ug/L		10/21/24 05:45	10/21/24 15:37	1
Lead	10.6		2.50	0.340	ug/L		10/21/24 05:45	10/21/24 15:37	1

Client: S&ME Inc
Job ID: 680-257065-1
Project/Site: Southside Park Landfill

Client Sample ID: SC-50A
Lab Sample ID: 680-257065-2
Date Collected: 10/10/24 09:20
Matrix: Solid
Date Received: 10/11/24 10:05
Percent Solids: 83.6

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	31.6		0.0543	0.0109	mg/Kg	☼	10/12/24 12:57	10/15/24 20:29	1
Lead	90.8		0.217	0.0543	mg/Kg	☼	10/12/24 12:57	10/15/24 20:29	1

Client: S&ME Inc
Job ID: 680-257065-1
Project/Site: Southside Park Landfill

Client Sample ID: SC-55/56A
Lab Sample ID: 680-257065-3
Date Collected: 10/10/24 09:50
Matrix: Solid
Date Received: 10/11/24 10:05

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	0.0101		0.00500	0.00220	mg/L		10/22/24 04:54	10/22/24 18:59	1
Lead	0.00830	J	0.0250	0.00340	mg/L		10/22/24 04:54	10/22/24 18:59	1

Method: SW846 6020B - Metals (ICP/MS) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	1.51		0.500	0.220	ug/L		10/21/24 05:45	10/21/24 15:39	1
Lead	4.65		2.50	0.340	ug/L		10/21/24 05:45	10/21/24 15:39	1

Client: S&ME Inc
Job ID: 680-257065-1
Project/Site: Southside Park Landfill

Client Sample ID: SC-55/56A
Lab Sample ID: 680-257065-3
Date Collected: 10/10/24 09:50
Matrix: Solid
Date Received: 10/11/24 10:05
Percent Solids: 89.0

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	6.51		0.0530	0.0106	mg/Kg	☼	10/12/24 12:57	10/15/24 20:33	1
Lead	19.3		0.212	0.0530	mg/Kg	☼	10/12/24 12:57	10/15/24 20:33	1

Client: S&ME Inc
Job ID: 680-257065-1
Project/Site: Southside Park Landfill

Client Sample ID: SC-57A
Lab Sample ID: 680-257065-4
Date Collected: 10/10/24 10:20
Matrix: Solid
Date Received: 10/11/24 10:05

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	0.00235	J	0.00500	0.00220	mg/L		10/22/24 04:54	10/22/24 19:01	1
Lead	0.0126	J	0.0250	0.00340	mg/L		10/22/24 04:54	10/22/24 19:01	1

Method: SW846 6020B - Metals (ICP/MS) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	1.94		0.500	0.220	ug/L		10/21/24 05:45	10/21/24 15:41	1
Lead	5.22		2.50	0.340	ug/L		10/21/24 05:45	10/21/24 15:41	1

Client Sample Results

Client: S&ME Inc
Job ID: 680-257065-1
Project/Site: Southside Park Landfill

Client Sample ID: SC-57A
Lab Sample ID: 680-257065-4
Date Collected: 10/10/24 10:20
Matrix: Solid
Date Received: 10/11/24 10:05
Percent Solids: 81.3

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	103		0.0569	0.0114	mg/Kg	☼	10/12/24 12:57	10/15/24 20:37	1
Lead	30.4		0.228	0.0569	mg/Kg	☼	10/12/24 12:57	10/15/24 20:37	1

Client: S&ME Inc
Job ID: 680-257065-1
Project/Site: Southside Park Landfill

Client Sample ID: SC-58A
Lab Sample ID: 680-257065-5
Date Collected: 10/10/24 11:00
Matrix: Solid
Date Received: 10/11/24 10:05

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	ND		0.00500	0.00220	mg/L		10/22/24 04:54	10/22/24 19:03	1
Lead	**0.0661**		0.0250	0.00340	mg/L		10/22/24 04:54	10/22/24 19:03	1

Method: SW846 6020B - Metals (ICP/MS) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	**1.78**		0.500	0.220	ug/L		10/21/24 05:45	10/21/24 15:47	1
Lead	**43.8**		2.50	0.340	ug/L		10/21/24 05:45	10/21/24 15:47	1

Client: S&ME Inc
Job ID: 680-257065-1
Project/Site: Southside Park Landfill

Client Sample ID: SC-58A
Lab Sample ID: 680-257065-5
Date Collected: 10/10/24 11:00
Matrix: Solid
Date Received: 10/11/24 10:05
Percent Solids: 85.5

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	20.7		0.0562	0.0112	mg/Kg	☼	10/12/24 12:57	10/15/24 20:27	1
Lead	277		0.225	0.0562	mg/Kg	☼	10/12/24 12:57	10/15/24 20:27	1

Client: S&ME Inc
Job ID: 680-257065-1
Project/Site: Southside Park Landfill

Client Sample ID: SC-59A
Lab Sample ID: 680-257065-6
Date Collected: 10/10/24 13:20
Matrix: Solid
Date Received: 10/11/24 10:05

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	0.00335	J	0.00500	0.00220	mg/L		10/22/24 04:54	10/22/24 19:05	1
Lead	1.22		0.0250	0.00340	mg/L		10/22/24 04:54	10/22/24 19:05	1

Method: SW846 6020B - Metals (ICP/MS) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	1.03		0.500	0.220	ug/L		10/21/24 05:45	10/21/24 15:49	1
Lead	113		2.50	0.340	ug/L		10/21/24 05:45	10/21/24 15:49	1

Client: S&ME Inc
Job ID: 680-257065-1
Project/Site: Southside Park Landfill

Client Sample ID: SC-59A
Lab Sample ID: 680-257065-6
Date Collected: 10/10/24 13:20
Matrix: Solid
Date Received: 10/11/24 10:05
Percent Solids: 78.6

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	14.9		0.0578	0.0116	mg/Kg	☼	10/12/24 12:57	10/15/24 20:39	1
Lead	1360		0.231	0.0578	mg/Kg	☼	10/12/24 12:57	10/15/24 20:39	1

Client: S&ME Inc
Job ID: 680-257065-1
Project/Site: Southside Park Landfill

Client Sample ID: SC-61A
Lab Sample ID: 680-257065-7
Date Collected: 10/10/24 13:40
Matrix: Solid
Date Received: 10/11/24 10:05

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	0.00480	J	0.00500	0.00220	mg/L		10/22/24 04:54	10/22/24 19:07	1
Lead	0.757		0.0250	0.00340	mg/L		10/22/24 04:54	10/22/24 19:07	1

Method: SW846 6020B - Metals (ICP/MS) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	0.975		0.500	0.220	ug/L		10/21/24 05:45	10/21/24 15:51	1
Lead	146		2.50	0.340	ug/L		10/21/24 05:45	10/21/24 15:51	1

Client: S&ME Inc
Job ID: 680-257065-1
Project/Site: Southside Park Landfill

Client Sample ID: SC-61A
Lab Sample ID: 680-257065-7
Date Collected: 10/10/24 13:40
Matrix: Solid
Date Received: 10/11/24 10:05
Percent Solids: 79.7

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	16.0		0.0627	0.0125	mg/Kg	☼	10/12/24 12:57	10/15/24 20:23	1
Lead	1160		0.251	0.0627	mg/Kg	☼	10/12/24 12:57	10/15/24 20:23	1

Client: S&ME Inc
Job ID: 680-257065-1
Project/Site: Southside Park Landfill

Client Sample ID: SC-62A
Lab Sample ID: 680-257065-8
Date Collected: 10/10/24 13:00
Matrix: Solid
Date Received: 10/11/24 10:05

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	ND		0.00500	0.00220	mg/L		10/22/24 04:54	10/22/24 19:09	1
Lead	**0.100**		0.0250	0.00340	mg/L		10/22/24 04:54	10/22/24 19:09	1

Method: SW846 6020B - Metals (ICP/MS) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	**1.52**		0.500	0.220	ug/L		10/21/24 05:45	10/21/24 15:53	1
Lead	**56.5**		2.50	0.340	ug/L		10/21/24 05:45	10/21/24 15:53	1

Client: S&ME Inc
Job ID: 680-257065-1
Project/Site: Southside Park Landfill

Client Sample ID: SC-62A
Lab Sample ID: 680-257065-8
Date Collected: 10/10/24 13:00
Matrix: Solid
Date Received: 10/11/24 10:05
Percent Solids: 84.8

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	12.1		0.0536	0.0107	mg/Kg	☼	10/12/24 12:57	10/15/24 20:25	1
Lead	174		0.214	0.0536	mg/Kg	☼	10/12/24 12:57	10/15/24 20:25	1

Client: S&ME Inc
Job ID: 680-257065-1
Project/Site: Southside Park Landfill

Client Sample ID: SC-64A
Lab Sample ID: 680-257065-9
Date Collected: 10/10/24 13:50
Matrix: Solid
Date Received: 10/11/24 10:05

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	0.0186		0.00500	0.00220	mg/L		10/22/24 04:54	10/22/24 19:11	1
Lead	24.6		0.0250	0.00340	mg/L		10/22/24 04:54	10/22/24 19:11	1

Method: SW846 6020B - Metals (ICP/MS) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	1.18		0.500	0.220	ug/L		10/21/24 05:45	10/21/24 15:55	1
Lead	379		2.50	0.340	ug/L		10/21/24 05:45	10/21/24 15:55	1

Client: S&ME Inc
Job ID: 680-257065-1
Project/Site: Southside Park Landfill

Client Sample ID: SC-64A
Lab Sample ID: 680-257065-9
Date Collected: 10/10/24 13:50
Matrix: Solid
Date Received: 10/11/24 10:05
Percent Solids: 84.8

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	19.8		0.0508	0.0102	mg/Kg	☼	10/12/24 12:57	10/15/24 20:41	1
Lead	2550		2.03	0.508	mg/Kg	☼	10/12/24 12:57	10/16/24 12:26	10

Client: S&ME Inc
Job ID: 680-257065-1
Project/Site: Southside Park Landfill

Client Sample ID: DUP-11A
Lab Sample ID: 680-257065-10
Date Collected: 10/10/24 00:00
Matrix: Solid
Date Received: 10/11/24 10:05

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	ND		0.00500	0.00220	mg/L		10/22/24 04:54	10/22/24 19:13	1
Lead	**0.505**		0.0250	0.00340	mg/L		10/22/24 04:54	10/22/24 19:13	1

Method: SW846 6020B - Metals (ICP/MS) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	**0.980**		0.500	0.220	ug/L		10/21/24 05:45	10/21/24 15:29	1
Lead	**137**		2.50	0.340	ug/L		10/21/24 05:45	10/21/24 15:29	1

Client: S&ME Inc
Job ID: 680-257065-1
Project/Site: Southside Park Landfill

Client Sample ID: DUP-11A
Lab Sample ID: 680-257065-10
Date Collected: 10/10/24 00:00
Matrix: Solid
Date Received: 10/11/24 10:05
Percent Solids: 82.6

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	15.5		0.0571	0.0114	mg/Kg	☼	10/12/24 12:57	10/15/24 20:31	1
Lead	1260		0.228	0.0571	mg/Kg	☼	10/12/24 12:57	10/15/24 20:31	1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-859175/1-A
Matrix: Solid
Analysis Batch: 859685

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 859175

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	ND		0.0490	0.00980	mg/Kg		10/12/24 12:57	10/15/24 19:59	1
Lead	ND		0.196	0.0490	mg/Kg		10/12/24 12:57	10/15/24 19:59	1

Lab Sample ID: LCS 680-859175/2-A
Matrix: Solid
Analysis Batch: 859685

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 859175

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cobalt	5.00	4.992		mg/Kg		100	80 - 120
Lead	50.0	49.18		mg/Kg		98	80 - 120

Lab Sample ID: MB 680-860332/1-A
Matrix: Solid
Analysis Batch: 860558

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 860332

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	ND		0.500	0.220	ug/L		10/21/24 05:45	10/21/24 15:23	1
Lead	ND		2.50	0.340	ug/L		10/21/24 05:45	10/21/24 15:23	1

Lab Sample ID: LCS 680-860332/2-A
Matrix: Solid
Analysis Batch: 860558

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 860332

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cobalt	100	106.2		ug/L		106	80 - 120
Lead	1000	1065		ug/L		106	80 - 120

Lab Sample ID: LB 680-860607/3-A
Matrix: Solid
Analysis Batch: 860761

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 860607

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	ND		0.00500	0.00220	mg/L		10/22/24 04:54	10/22/24 18:38	1
Lead	ND		0.0250	0.00340	mg/L		10/22/24 04:54	10/22/24 18:38	1

Lab Sample ID: LB2 680-860607/12-A
Matrix: Solid
Analysis Batch: 860761

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 860607

Analyte	LB2 Result	LB2 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	ND		0.00500	0.00220	mg/L		10/22/24 04:54	10/22/24 18:49	1
Lead	ND		0.0250	0.00340	mg/L		10/22/24 04:54	10/22/24 18:49	1

Lab Sample ID: MB 680-860607/1-A
Matrix: Solid
Analysis Batch: 860761

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 860607

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	ND		0.000500	0.000220	mg/L		10/22/24 04:54	10/22/24 18:34	1
Lead	ND		0.00250	0.000340	mg/L		10/22/24 04:54	10/22/24 18:34	1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: LCS 680-860607/2-A
Client Sample ID: Lab Control Sample
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 860761
Prep Batch: 860607

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cobalt			0.100	0.1068		mg/L		107	80 - 120		
Lead			1.00	1.046		mg/L		105	80 - 120		

Lab Sample ID: LB 680-859855/1-C
Client Sample ID: Method Blank
Matrix: Solid
Prep Type: SPLP East
Analysis Batch: 860558
Prep Batch: 860332

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	ND		0.500	0.220	ug/L		10/21/24 05:45	10/21/24 15:27	1
Lead	ND		2.50	0.340	ug/L		10/21/24 05:45	10/21/24 15:27	1

Lab Sample ID: 680-257065-10 MS
Client Sample ID: DUP-11A
Matrix: Solid
Prep Type: SPLP East
Analysis Batch: 860558
Prep Batch: 860332

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Cobalt	0.980		200	209.8		ug/L		104	75 - 125		
Lead	137		200	344.4		ug/L		104	75 - 125		

Lab Sample ID: 680-257065-10 MSD
Client Sample ID: DUP-11A
Matrix: Solid
Prep Type: SPLP East
Analysis Batch: 860558
Prep Batch: 860332

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cobalt	0.980		200	214.9		ug/L		107	75 - 125	2	20
Lead	137		200	368.7		ug/L		116	75 - 125	7	20

Metals

Prep Batch: 859175

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-257065-1	SC-20A	Total/NA	Solid	3050B	
680-257065-2	SC-50A	Total/NA	Solid	3050B	
680-257065-3	SC-55/56A	Total/NA	Solid	3050B	
680-257065-4	SC-57A	Total/NA	Solid	3050B	
680-257065-5	SC-58A	Total/NA	Solid	3050B	
680-257065-6	SC-59A	Total/NA	Solid	3050B	
680-257065-7	SC-61A	Total/NA	Solid	3050B	
680-257065-8	SC-62A	Total/NA	Solid	3050B	
680-257065-9	SC-64A	Total/NA	Solid	3050B	
680-257065-10	DUP-11A	Total/NA	Solid	3050B	
MB 680-859175/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 680-859175/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Analysis Batch: 859685

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-257065-1	SC-20A	Total/NA	Solid	6020B	859175
680-257065-2	SC-50A	Total/NA	Solid	6020B	859175
680-257065-3	SC-55/56A	Total/NA	Solid	6020B	859175
680-257065-4	SC-57A	Total/NA	Solid	6020B	859175
680-257065-5	SC-58A	Total/NA	Solid	6020B	859175
680-257065-6	SC-59A	Total/NA	Solid	6020B	859175
680-257065-7	SC-61A	Total/NA	Solid	6020B	859175
680-257065-8	SC-62A	Total/NA	Solid	6020B	859175
680-257065-9	SC-64A	Total/NA	Solid	6020B	859175
680-257065-10	DUP-11A	Total/NA	Solid	6020B	859175
MB 680-859175/1-A	Method Blank	Total/NA	Solid	6020B	859175
LCS 680-859175/2-A	Lab Control Sample	Total/NA	Solid	6020B	859175

Leach Batch: 859855

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-257065-1	SC-20A	SPLP East	Solid	1312	
680-257065-2	SC-50A	SPLP East	Solid	1312	
680-257065-3	SC-55/56A	SPLP East	Solid	1312	
680-257065-4	SC-57A	SPLP East	Solid	1312	
680-257065-5	SC-58A	SPLP East	Solid	1312	
680-257065-6	SC-59A	SPLP East	Solid	1312	
680-257065-7	SC-61A	SPLP East	Solid	1312	
680-257065-8	SC-62A	SPLP East	Solid	1312	
680-257065-9	SC-64A	SPLP East	Solid	1312	
680-257065-10	DUP-11A	SPLP East	Solid	1312	
LB 680-859855/1-C	Method Blank	SPLP East	Solid	1312	
680-257065-10 MS	DUP-11A	SPLP East	Solid	1312	
680-257065-10 MSD	DUP-11A	SPLP East	Solid	1312	

Analysis Batch: 859889

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-257065-9	SC-64A	Total/NA	Solid	6020B	859175

Leach Batch: 860280

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-257065-1	SC-20A	TCLP	Solid	1311	

Metals (Continued)

Leach Batch: 860280 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-257065-2	SC-50A	TCLP	Solid	1311	
680-257065-3	SC-55/56A	TCLP	Solid	1311	
680-257065-4	SC-57A	TCLP	Solid	1311	
680-257065-5	SC-58A	TCLP	Solid	1311	
680-257065-6	SC-59A	TCLP	Solid	1311	
680-257065-7	SC-61A	TCLP	Solid	1311	
680-257065-8	SC-62A	TCLP	Solid	1311	
680-257065-9	SC-64A	TCLP	Solid	1311	
680-257065-10	DUP-11A	TCLP	Solid	1311	

Prep Batch: 860332

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-257065-1	SC-20A	SPLP East	Solid	3010A	859855
680-257065-2	SC-50A	SPLP East	Solid	3010A	859855
680-257065-3	SC-55/56A	SPLP East	Solid	3010A	859855
680-257065-4	SC-57A	SPLP East	Solid	3010A	859855
680-257065-5	SC-58A	SPLP East	Solid	3010A	859855
680-257065-6	SC-59A	SPLP East	Solid	3010A	859855
680-257065-7	SC-61A	SPLP East	Solid	3010A	859855
680-257065-8	SC-62A	SPLP East	Solid	3010A	859855
680-257065-9	SC-64A	SPLP East	Solid	3010A	859855
680-257065-10	DUP-11A	SPLP East	Solid	3010A	859855
LB 680-859855/1-C	Method Blank	SPLP East	Solid	3010A	859855
MB 680-860332/1-A	Method Blank	Total/NA	Solid	3010A	
LCS 680-860332/2-A	Lab Control Sample	Total/NA	Solid	3010A	
680-257065-10 MS	DUP-11A	SPLP East	Solid	3010A	859855
680-257065-10 MSD	DUP-11A	SPLP East	Solid	3010A	859855

Analysis Batch: 860558

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-257065-1	SC-20A	SPLP East	Solid	6020B	860332
680-257065-2	SC-50A	SPLP East	Solid	6020B	860332
680-257065-3	SC-55/56A	SPLP East	Solid	6020B	860332
680-257065-4	SC-57A	SPLP East	Solid	6020B	860332
680-257065-5	SC-58A	SPLP East	Solid	6020B	860332
680-257065-6	SC-59A	SPLP East	Solid	6020B	860332
680-257065-7	SC-61A	SPLP East	Solid	6020B	860332
680-257065-8	SC-62A	SPLP East	Solid	6020B	860332
680-257065-9	SC-64A	SPLP East	Solid	6020B	860332
680-257065-10	DUP-11A	SPLP East	Solid	6020B	860332
LB 680-859855/1-C	Method Blank	SPLP East	Solid	6020B	860332
MB 680-860332/1-A	Method Blank	Total/NA	Solid	6020B	860332
LCS 680-860332/2-A	Lab Control Sample	Total/NA	Solid	6020B	860332
680-257065-10 MS	DUP-11A	SPLP East	Solid	6020B	860332
680-257065-10 MSD	DUP-11A	SPLP East	Solid	6020B	860332

Prep Batch: 860607

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-257065-1	SC-20A	TCLP	Solid	3010A	860280
680-257065-2	SC-50A	TCLP	Solid	3010A	860280
680-257065-3	SC-55/56A	TCLP	Solid	3010A	860280

Metals (Continued)

Prep Batch: 860607 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-257065-4	SC-57A	TCLP	Solid	3010A	860280
680-257065-5	SC-58A	TCLP	Solid	3010A	860280
680-257065-6	SC-59A	TCLP	Solid	3010A	860280
680-257065-7	SC-61A	TCLP	Solid	3010A	860280
680-257065-8	SC-62A	TCLP	Solid	3010A	860280
680-257065-9	SC-64A	TCLP	Solid	3010A	860280
680-257065-10	DUP-11A	TCLP	Solid	3010A	860280
LB 680-860607/3-A	Method Blank	Total/NA	Solid	3010A	
LB2 680-860607/12-A	Method Blank	Total/NA	Solid	3010A	
MB 680-860607/1-A	Method Blank	Total/NA	Solid	3010A	
LCS 680-860607/2-A	Lab Control Sample	Total/NA	Solid	3010A	

Analysis Batch: 860761

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-257065-1	SC-20A	TCLP	Solid	6020B	860607
680-257065-2	SC-50A	TCLP	Solid	6020B	860607
680-257065-3	SC-55/56A	TCLP	Solid	6020B	860607
680-257065-4	SC-57A	TCLP	Solid	6020B	860607
680-257065-5	SC-58A	TCLP	Solid	6020B	860607
680-257065-6	SC-59A	TCLP	Solid	6020B	860607
680-257065-7	SC-61A	TCLP	Solid	6020B	860607
680-257065-8	SC-62A	TCLP	Solid	6020B	860607
680-257065-9	SC-64A	TCLP	Solid	6020B	860607
680-257065-10	DUP-11A	TCLP	Solid	6020B	860607
LB 680-860607/3-A	Method Blank	Total/NA	Solid	6020B	860607
LB2 680-860607/12-A	Method Blank	Total/NA	Solid	6020B	860607
MB 680-860607/1-A	Method Blank	Total/NA	Solid	6020B	860607
LCS 680-860607/2-A	Lab Control Sample	Total/NA	Solid	6020B	860607

General Chemistry

Analysis Batch: 859526

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-257065-1	SC-20A	Total/NA	Solid	Moisture	
680-257065-2	SC-50A	Total/NA	Solid	Moisture	
680-257065-3	SC-55/56A	Total/NA	Solid	Moisture	
680-257065-4	SC-57A	Total/NA	Solid	Moisture	
680-257065-5	SC-58A	Total/NA	Solid	Moisture	
680-257065-6	SC-59A	Total/NA	Solid	Moisture	
680-257065-7	SC-61A	Total/NA	Solid	Moisture	
680-257065-8	SC-62A	Total/NA	Solid	Moisture	
680-257065-9	SC-64A	Total/NA	Solid	Moisture	
680-257065-10	DUP-11A	Total/NA	Solid	Moisture	

Lab Chronicle

Client: S&ME Inc
Job ID: 680-257065-1
Project/Site: Southside Park Landfill

Client Sample ID: SC-20A
Lab Sample ID: 680-257065-1
Date Collected: 10/10/24 09:00
Matrix: Solid
Date Received: 10/11/24 10:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP East	Leach	1312			100.03 g	2000 mL	859855	10/17/24 13:23	KC	EET SAV
SPLP East	Prep	3010A			50 mL	250 mL	860332	10/21/24 05:45	RR	EET SAV
SPLP East	Analysis	6020B		1			860558	10/21/24 15:35	BWR	EET SAV
	Instrument ID: ICPMSG									
TCLP	Leach	1311			100.04 g	2000 mL	860280	10/20/24 12:22	KC	EET SAV
TCLP	Prep	3010A			2.5 mL	125 mL	860607	10/22/24 04:54	RR	EET SAV
TCLP	Analysis	6020B		1			860761	10/22/24 18:55	BJB	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Analysis	Moisture		1			859526	10/15/24 11:59	KG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SC-20A
Lab Sample ID: 680-257065-1
Date Collected: 10/10/24 09:00
Matrix: Solid
Date Received: 10/11/24 10:05
Percent Solids: 78.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			0.57 g	250 mL	859175	10/12/24 12:57	BCB	EET SAV
Total/NA	Analysis	6020B		1			859685	10/15/24 20:35	BWR	EET SAV
	Instrument ID: ICPMSG									

Client Sample ID: SC-50A
Lab Sample ID: 680-257065-2
Date Collected: 10/10/24 09:20
Matrix: Solid
Date Received: 10/11/24 10:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP East	Leach	1312			100.00 g	2000 mL	859855	10/17/24 13:23	KC	EET SAV
SPLP East	Prep	3010A			50 mL	250 mL	860332	10/21/24 05:45	RR	EET SAV
SPLP East	Analysis	6020B		1			860558	10/21/24 15:37	BWR	EET SAV
	Instrument ID: ICPMSG									
TCLP	Leach	1311			100.01 g	2000 mL	860280	10/20/24 12:22	KC	EET SAV
TCLP	Prep	3010A			2.5 mL	125 mL	860607	10/22/24 04:54	RR	EET SAV
TCLP	Analysis	6020B		1			860761	10/22/24 18:57	BJB	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Analysis	Moisture		1			859526	10/15/24 11:59	KG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SC-50A
Lab Sample ID: 680-257065-2
Date Collected: 10/10/24 09:20
Matrix: Solid
Date Received: 10/11/24 10:05
Percent Solids: 83.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			0.55 g	250 mL	859175	10/12/24 12:57	BCB	EET SAV
Total/NA	Analysis	6020B		1			859685	10/15/24 20:29	BWR	EET SAV
	Instrument ID: ICPMSG									

Client: S&ME Inc
Job ID: 680-257065-1
Project/Site: Southside Park Landfill

Client Sample ID: SC-55/56A
Lab Sample ID: 680-257065-3
Date Collected: 10/10/24 09:50
Matrix: Solid
Date Received: 10/11/24 10:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP East	Leach	1312			100.06 g	2000 mL	859855	10/17/24 13:23	KC	EET SAV
SPLP East	Prep	3010A			50 mL	250 mL	860332	10/21/24 05:45	RR	EET SAV
SPLP East	Analysis	6020B		1			860558	10/21/24 15:39	BWR	EET SAV
	Instrument ID: ICPMSG									
TCLP	Leach	1311			100.06 g	2000 mL	860280	10/20/24 12:22	KC	EET SAV
TCLP	Prep	3010A			2.5 mL	125 mL	860607	10/22/24 04:54	RR	EET SAV
TCLP	Analysis	6020B		1			860761	10/22/24 18:59	BJB	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Analysis	Moisture		1			859526	10/15/24 11:59	KG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SC-55/56A
Lab Sample ID: 680-257065-3
Date Collected: 10/10/24 09:50
Matrix: Solid
Date Received: 10/11/24 10:05
Percent Solids: 89.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			0.53 g	250 mL	859175	10/12/24 12:57	BCB	EET SAV
Total/NA	Analysis	6020B		1			859685	10/15/24 20:33	BWR	EET SAV
	Instrument ID: ICPMSG									

Client Sample ID: SC-57A
Lab Sample ID: 680-257065-4
Date Collected: 10/10/24 10:20
Matrix: Solid
Date Received: 10/11/24 10:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP East	Leach	1312			100.02 g	2000 mL	859855	10/17/24 13:23	KC	EET SAV
SPLP East	Prep	3010A			50 mL	250 mL	860332	10/21/24 05:45	RR	EET SAV
SPLP East	Analysis	6020B		1			860558	10/21/24 15:41	BWR	EET SAV
	Instrument ID: ICPMSG									
TCLP	Leach	1311			100.06 g	2000 mL	860280	10/20/24 12:22	KC	EET SAV
TCLP	Prep	3010A			2.5 mL	125 mL	860607	10/22/24 04:54	RR	EET SAV
TCLP	Analysis	6020B		1			860761	10/22/24 19:01	BJB	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Analysis	Moisture		1			859526	10/15/24 11:59	KG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SC-57A
Lab Sample ID: 680-257065-4
Date Collected: 10/10/24 10:20
Matrix: Solid
Date Received: 10/11/24 10:05
Percent Solids: 81.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			0.54 g	250 mL	859175	10/12/24 12:57	BCB	EET SAV
Total/NA	Analysis	6020B		1			859685	10/15/24 20:37	BWR	EET SAV
	Instrument ID: ICPMSG									

Lab Chronicle

Client: S&ME Inc
Job ID: 680-257065-1
Project/Site: Southside Park Landfill

Client Sample ID: SC-58A
Lab Sample ID: 680-257065-5
Date Collected: 10/10/24 11:00
Matrix: Solid
Date Received: 10/11/24 10:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP East	Leach	1312			100.02 g	2000 mL	859855	10/17/24 13:23	KC	EET SAV
SPLP East	Prep	3010A			50 mL	250 mL	860332	10/21/24 05:45	RR	EET SAV
SPLP East	Analysis	6020B		1			860558	10/21/24 15:47	BWR	EET SAV
	Instrument ID: ICPMSG									
TCLP	Leach	1311			100.03 g	2000 mL	860280	10/20/24 12:22	KC	EET SAV
TCLP	Prep	3010A			2.5 mL	125 mL	860607	10/22/24 04:54	RR	EET SAV
TCLP	Analysis	6020B		1			860761	10/22/24 19:03	BJB	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Analysis	Moisture		1			859526	10/15/24 11:59	KG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SC-58A
Lab Sample ID: 680-257065-5
Date Collected: 10/10/24 11:00
Matrix: Solid
Date Received: 10/11/24 10:05
Percent Solids: 85.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			0.52 g	250 mL	859175	10/12/24 12:57	BCB	EET SAV
Total/NA	Analysis	6020B		1			859685	10/15/24 20:27	BWR	EET SAV
	Instrument ID: ICPMSG									

Client Sample ID: SC-59A
Lab Sample ID: 680-257065-6
Date Collected: 10/10/24 13:20
Matrix: Solid
Date Received: 10/11/24 10:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP East	Leach	1312			100.01 g	2000 mL	859855	10/17/24 13:23	KC	EET SAV
SPLP East	Prep	3010A			50 mL	250 mL	860332	10/21/24 05:45	RR	EET SAV
SPLP East	Analysis	6020B		1			860558	10/21/24 15:49	BWR	EET SAV
	Instrument ID: ICPMSG									
TCLP	Leach	1311			100.01 g	2000 mL	860280	10/20/24 12:22	KC	EET SAV
TCLP	Prep	3010A			2.5 mL	125 mL	860607	10/22/24 04:54	RR	EET SAV
TCLP	Analysis	6020B		1			860761	10/22/24 19:05	BJB	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Analysis	Moisture		1			859526	10/15/24 11:59	KG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SC-59A
Lab Sample ID: 680-257065-6
Date Collected: 10/10/24 13:20
Matrix: Solid
Date Received: 10/11/24 10:05
Percent Solids: 78.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			0.55 g	250 mL	859175	10/12/24 12:57	BCB	EET SAV
Total/NA	Analysis	6020B		1			859685	10/15/24 20:39	BWR	EET SAV
	Instrument ID: ICPMSG									

Lab Chronicle

Client: S&ME Inc
Job ID: 680-257065-1
Project/Site: Southside Park Landfill

Client Sample ID: SC-61A
Lab Sample ID: 680-257065-7
Date Collected: 10/10/24 13:40
Matrix: Solid
Date Received: 10/11/24 10:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP East	Leach	1312			100.06 g	2000 mL	859855	10/17/24 13:23	KC	EET SAV
SPLP East	Prep	3010A			50 mL	250 mL	860332	10/21/24 05:45	RR	EET SAV
SPLP East	Analysis	6020B		1			860558	10/21/24 15:51	BWR	EET SAV
	Instrument ID: ICPMSG									
TCLP	Leach	1311			100.02 g	2000 mL	860280	10/20/24 12:22	KC	EET SAV
TCLP	Prep	3010A			2.5 mL	125 mL	860607	10/22/24 04:54	RR	EET SAV
TCLP	Analysis	6020B		1			860761	10/22/24 19:07	BJB	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Analysis	Moisture		1			859526	10/15/24 11:59	KG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SC-61A
Lab Sample ID: 680-257065-7
Date Collected: 10/10/24 13:40
Matrix: Solid
Date Received: 10/11/24 10:05
Percent Solids: 79.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			0.50 g	250 mL	859175	10/12/24 12:57	BCB	EET SAV
Total/NA	Analysis	6020B		1			859685	10/15/24 20:23	BWR	EET SAV
	Instrument ID: ICPMSG									

Client Sample ID: SC-62A
Lab Sample ID: 680-257065-8
Date Collected: 10/10/24 13:00
Matrix: Solid
Date Received: 10/11/24 10:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP East	Leach	1312			100.06 g	2000 mL	859855	10/17/24 13:23	KC	EET SAV
SPLP East	Prep	3010A			50 mL	250 mL	860332	10/21/24 05:45	RR	EET SAV
SPLP East	Analysis	6020B		1			860558	10/21/24 15:53	BWR	EET SAV
	Instrument ID: ICPMSG									
TCLP	Leach	1311			100.01 g	2000 mL	860280	10/20/24 12:22	KC	EET SAV
TCLP	Prep	3010A			2.5 mL	125 mL	860607	10/22/24 04:54	RR	EET SAV
TCLP	Analysis	6020B		1			860761	10/22/24 19:09	BJB	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Analysis	Moisture		1			859526	10/15/24 11:59	KG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SC-62A
Lab Sample ID: 680-257065-8
Date Collected: 10/10/24 13:00
Matrix: Solid
Date Received: 10/11/24 10:05
Percent Solids: 84.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			0.55 g	250 mL	859175	10/12/24 12:57	BCB	EET SAV
Total/NA	Analysis	6020B		1			859685	10/15/24 20:25	BWR	EET SAV
	Instrument ID: ICPMSG									

Lab Chronicle

Client: S&ME Inc
Job ID: 680-257065-1
Project/Site: Southside Park Landfill

Client Sample ID: SC-64A
Lab Sample ID: 680-257065-9
Date Collected: 10/10/24 13:50
Matrix: Solid
Date Received: 10/11/24 10:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP East	Leach	1312			100.06 g	2000 mL	859855	10/17/24 13:23	KC	EET SAV
SPLP East	Prep	3010A			50 mL	250 mL	860332	10/21/24 05:45	RR	EET SAV
SPLP East	Analysis	6020B		1			860558	10/21/24 15:55	BWR	EET SAV
	Instrument ID: ICPMSG									
TCLP	Leach	1311			100.02 g	2000 mL	860280	10/20/24 12:22	KC	EET SAV
TCLP	Prep	3010A			2.5 mL	125 mL	860607	10/22/24 04:54	RR	EET SAV
TCLP	Analysis	6020B		1			860761	10/22/24 19:11	BJB	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Analysis	Moisture		1			859526	10/15/24 11:59	KG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SC-64A
Lab Sample ID: 680-257065-9
Date Collected: 10/10/24 13:50
Matrix: Solid
Date Received: 10/11/24 10:05
Percent Solids: 84.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			0.58 g	250 mL	859175	10/12/24 12:57	BCB	EET SAV
Total/NA	Analysis	6020B		1			859685	10/15/24 20:41	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	3050B			0.58 g	250 mL	859175	10/12/24 12:57	BCB	EET SAV
Total/NA	Analysis	6020B		10			859889	10/16/24 12:26	BWR	EET SAV
	Instrument ID: ICPMSG									

Client Sample ID: DUP-11A
Lab Sample ID: 680-257065-10
Date Collected: 10/10/24 00:00
Matrix: Solid
Date Received: 10/11/24 10:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP East	Leach	1312			100.02 g	2000 mL	859855	10/17/24 13:23	KC	EET SAV
SPLP East	Prep	3010A			50 mL	250 mL	860332	10/21/24 05:45	RR	EET SAV
SPLP East	Analysis	6020B		1			860558	10/21/24 15:29	BWR	EET SAV
	Instrument ID: ICPMSG									
TCLP	Leach	1311			100.06 g	2000 mL	860280	10/20/24 12:22	KC	EET SAV
TCLP	Prep	3010A			2.5 mL	125 mL	860607	10/22/24 04:54	RR	EET SAV
TCLP	Analysis	6020B		1			860761	10/22/24 19:13	BJB	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Analysis	Moisture		1			859526	10/15/24 11:59	KG	EET SAV
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: S&ME Inc
Job ID: 680-257065-1
Project/Site: Southside Park Landfill

Client Sample ID: DUP-11A
Lab Sample ID: 680-257065-10
Date Collected: 10/10/24 00:00
Matrix: Solid
Date Received: 10/11/24 10:05
Percent Solids: 82.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			0.53 g	250 mL	859175	10/12/24 12:57	BCB	EET SAV
Total/NA	Analysis	6020B		1			859685	10/15/24 20:31	BWR	EET SAV
	Instrument ID: ICPMSG									

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: S&ME Inc
Job ID: 680-257065-1
Project/Site: Southside Park Landfill

Laboratory: Eurofins Savannah

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	269	12-31-24
Virginia	NELAP	460161	06-14-25

Method Summary

Client: S&ME Inc
Job ID: 680-257065-1
Project/Site: Southside Park Landfill

Method	Method Description	Protocol	Laboratory
6020B	Metals (ICP/MS)	SW846	EET SAV
Moisture	Percent Moisture	EPA	EET SAV
1311	TCLP Extraction	SW846	EET SAV
1312	SPLP Extraction	SW846	EET SAV
3010A	Preparation, Total Metals	SW846	EET SAV
3050B	Preparation, Metals	SW846	EET SAV

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:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Phone (912) 352-0165

Chain of Custody Record

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Client Information	Sampler: James Gehman	Lab PM: Bechtold, Chad	Carrier Tracking No(s):	COC No: 680-161197-57726.1
Client Contact: Thomas Raymond	Phone: 804-761-6648	E-Mail: Chad.Bechtold@et.eurofinsus.com	State of Origin: NC	Page: Page 1 of 2
Company: S&ME Inc	PWSID:			Job #:
Address: 3201 Spring Forest Road	Due Date Requested:			
City: Raleigh	TAT Requested (days):			
State, Zip: NC, 27616	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 215952			
Email: traymond@smeinc.com	WO #:			
Project Name: Southside Park Landfill	Project #: 68031844			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: N - None

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B - SPLP Cobalt and Lead	6020B - TCLP Cobalt and Lead	6020B - Cobalt and Lead	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N		
~~BG-4A~~ SC-20A	10/10/24	0900	C	S			Y	Y	Y	2	Jars labeled BG-4A are for SC-20A
SC-50A		0920	C				Y	Y	Y	2	
SC-55/56A		0950					Y	Y	Y	2	
SC-57A		1020					Y	Y	Y	2	
SC-58A		1100					Y	Y	Y	2	
SC-59A		1320					Y	Y	Y	2	
SC-61A		1340					Y	Y	Y	2	
SC-62A	V	1300	V	V			Y	Y	Y	2	
SC-64A		1350					Y	Y	Y	2	
DUP-11A							Y	Y	Y		

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assesse
☐ Return To Client ☐ Disposal

680-257065 Chain of Custody

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	10/10/24 1540			10/10/24 1540	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	10/10/24 1630			10-11-24 1005	TM
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
		0.3/0.3

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 680-257065-1

Login Number: 257065

List Source: Eurofins Savannah

List Number: 1

Creator: Sims, Robert D

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Thomas Raymond
S&ME Inc
3201 Spring Forest Road
Raleigh, North Carolina 27616

Generated 10/21/2024 5:59:49 PM

JOB DESCRIPTION

Southside Park Landfill

JOB NUMBER

680-257000-1

Eurofins Savannah
5102 LaRoche Avenue
Savannah GA 31404

See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization

Generated
10/21/2024 5:59:49 PM

Authorized for release by
Chad Bechtold, Project Manager
Chad.Bechtold@et.eurofinsus.com
(813)690-3563

Definitions/Glossary

Client: S&ME Inc
Job ID: 680-257000-1
Project/Site: Southside Park Landfill

Qualifiers

Metals

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

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
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
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)
TNTC	Too Numerous To Count

Sample Summary

Client: S&ME Inc
Job ID: 680-257000-1
Project/Site: Southside Park Landfill

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-257000-1	SC-2A	Solid	10/09/24 10:55	10/10/24 10:30
680-257000-2	SC-3A	Solid	10/09/24 10:40	10/10/24 10:30
680-257000-3	SC-8A	Solid	10/09/24 12:00	10/10/24 10:30
680-257000-4	SC-13A	Solid	10/09/24 11:20	10/10/24 10:30
680-257000-5	SC-14A	Solid	10/09/24 12:20	10/10/24 10:30
680-257000-6	SC-15A	Solid	10/09/24 12:40	10/10/24 10:30
680-257000-7	SC-17A	Solid	10/09/24 13:40	10/10/24 10:30
680-257000-8	DUP-10A	Solid	10/09/24 12:50	10/10/24 10:30

Job ID: 680-257000-1 Eurofins Savannah

Job Narrative
680-257000-1

Receipt
The samples were received on 10/10/2024 10:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.9°C.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: S&ME Inc
Project/Site: Southside Park Landfill

Job ID: 680-257000-1

Client Sample ID: SC-2A — Lab Sample ID: 680-257000-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	20.5	F1 F2	0.0532	0.0106	mg/Kg	1	☼	6020B	Total/NA
Lead	116		0.213	0.0532	mg/Kg	1	☼	6020B	Total/NA
Lead	0.00345		0.00250	0.000340	mg/L	1		6020B	TCLP
Cobalt	1.27		0.500	0.220	ug/L	1		6020B	SPLP East
Lead	11.4		2.50	0.340	ug/L	1		6020B	SPLP East

Client Sample ID: SC-3A — Lab Sample ID: 680-257000-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	24.1		0.0565	0.0113	mg/Kg	1	☼	6020B	Total/NA
Lead	57.1		0.226	0.0565	mg/Kg	1	☼	6020B	Total/NA
Lead	0.00169	J	0.00250	0.000340	mg/L	1		6020B	TCLP
Cobalt	1.24		0.500	0.220	ug/L	1		6020B	SPLP East
Lead	11.1		2.50	0.340	ug/L	1		6020B	SPLP East

Client Sample ID: SC-8A — Lab Sample ID: 680-257000-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	16.2		0.0517	0.0103	mg/Kg	1	☼	6020B	Total/NA
Lead	28.2		0.207	0.0517	mg/Kg	1	☼	6020B	Total/NA
Lead	0.00378		0.00250	0.000340	mg/L	1		6020B	TCLP
Cobalt	1.41		0.500	0.220	ug/L	1		6020B	SPLP East
Lead	5.27		2.50	0.340	ug/L	1		6020B	SPLP East

Client Sample ID: SC-13A — Lab Sample ID: 680-257000-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	16.7		0.0548	0.0110	mg/Kg	1	☼	6020B	Total/NA
Lead	41.2		0.219	0.0548	mg/Kg	1	☼	6020B	Total/NA
Cobalt	0.000585		0.000500	0.000220	mg/L	1		6020B	TCLP
Lead	0.00137	J	0.00250	0.000340	mg/L	1		6020B	TCLP
Cobalt	2.45		0.500	0.220	ug/L	1		6020B	SPLP East
Lead	9.30		2.50	0.340	ug/L	1		6020B	SPLP East

Client Sample ID: SC-14A — Lab Sample ID: 680-257000-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	19.1		0.0512	0.0102	mg/Kg	1	☼	6020B	Total/NA
Lead	22.2		0.205	0.0512	mg/Kg	1	☼	6020B	Total/NA
Lead	0.000600	J	0.00250	0.000340	mg/L	1		6020B	TCLP
Cobalt	1.51		0.500	0.220	ug/L	1		6020B	SPLP East
Lead	4.98		2.50	0.340	ug/L	1		6020B	SPLP East

Client Sample ID: SC-15A — Lab Sample ID: 680-257000-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	14.3		0.0534	0.0107	mg/Kg	1	☼	6020B	Total/NA
Lead	4.20		0.214	0.0534	mg/Kg	1	☼	6020B	Total/NA
Cobalt	1.54		0.500	0.220	ug/L	1		6020B	SPLP East
Lead	1.26	J	2.50	0.340	ug/L	1		6020B	SPLP East

This Detection Summary does not include radiochemical test results.

Eurofins Savannah

Detection Summary

Client: S&ME Inc
Job ID: 680-257000-1
Project/Site: Southside Park Landfill

Client Sample ID: SC-17A
Lab Sample ID: 680-257000-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	21.5		0.0539	0.0108	mg/Kg	1	☼	6020B	Total/NA
Lead	24.1		0.216	0.0539	mg/Kg	1	☼	6020B	Total/NA
Lead	0.000630	J	0.00250	0.000340	mg/L	1		6020B	TCLP
Cobalt	1.59		0.500	0.220	ug/L	1		6020B	SPLP East
Lead	5.25		2.50	0.340	ug/L	1		6020B	SPLP East

Client Sample ID: DUP-10A
Lab Sample ID: 680-257000-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	15.7		0.0552	0.0110	mg/Kg	1	☼	6020B	Total/NA
Lead	3.82		0.221	0.0552	mg/Kg	1	☼	6020B	Total/NA
Cobalt	1.14		0.500	0.220	ug/L	1		6020B	SPLP East
Lead	0.870	J	2.50	0.340	ug/L	1		6020B	SPLP East

This Detection Summary does not include radiochemical test results.

Client: S&ME Inc
Job ID: 680-257000-1
Project/Site: Southside Park Landfill

Client Sample ID: SC-2A
Lab Sample ID: 680-257000-1
Date Collected: 10/09/24 10:55
Matrix: Solid
Date Received: 10/10/24 10:30

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	ND		0.000500	0.000220	mg/L		10/18/24 15:01	10/18/24 16:33	1
Lead	**0.00345**		0.00250	0.000340	mg/L		10/18/24 15:01	10/18/24 16:33	1

Method: SW846 6020B - Metals (ICP/MS) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	**1.27**		0.500	0.220	ug/L		10/17/24 05:05	10/17/24 14:53	1
Lead	**11.4**		2.50	0.340	ug/L		10/17/24 05:05	10/17/24 14:53	1

Client Sample Results

Client: S&ME Inc
Job ID: 680-257000-1
Project/Site: Southside Park Landfill

Client Sample ID: SC-2A
Lab Sample ID: 680-257000-1
Date Collected: 10/09/24 10:55
Matrix: Solid
Date Received: 10/10/24 10:30
Percent Solids: 83.8

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	20.5	F1 F2	0.0532	0.0106	mg/Kg	☼	10/12/24 13:16	10/14/24 22:44	1
Lead	116		0.213	0.0532	mg/Kg	☼	10/12/24 13:16	10/14/24 22:44	1

Client: S&ME Inc
Job ID: 680-257000-1
Project/Site: Southside Park Landfill

Client Sample ID: SC-3A
Lab Sample ID: 680-257000-2
Date Collected: 10/09/24 10:40
Matrix: Solid
Date Received: 10/10/24 10:30

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	ND		0.000500	0.000220	mg/L		10/18/24 15:01	10/18/24 16:35	1
Lead	**0.00169**	**J**	0.00250	0.000340	mg/L		10/18/24 15:01	10/18/24 16:35	1

Method: SW846 6020B - Metals (ICP/MS) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	**1.24**		0.500	0.220	ug/L		10/17/24 05:05	10/17/24 14:56	1
Lead	**11.1**		2.50	0.340	ug/L		10/17/24 05:05	10/17/24 14:56	1

Client: S&ME Inc
Job ID: 680-257000-1
Project/Site: Southside Park Landfill

Client Sample ID: SC-3A
Lab Sample ID: 680-257000-2
Date Collected: 10/09/24 10:40
Matrix: Solid
Date Received: 10/10/24 10:30
Percent Solids: 85.0

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	24.1		0.0565	0.0113	mg/Kg	☼	10/12/24 13:16	10/14/24 22:54	1
Lead	57.1		0.226	0.0565	mg/Kg	☼	10/12/24 13:16	10/14/24 22:54	1

Client: S&ME Inc
Job ID: 680-257000-1
Project/Site: Southside Park Landfill

Client Sample ID: SC-8A
Lab Sample ID: 680-257000-3
Date Collected: 10/09/24 12:00
Matrix: Solid
Date Received: 10/10/24 10:30

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	ND		0.000500	0.000220	mg/L		10/18/24 15:01	10/18/24 16:38	1
Lead	**0.00378**		0.00250	0.000340	mg/L		10/18/24 15:01	10/18/24 16:38	1

Method: SW846 6020B - Metals (ICP/MS) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	**1.41**		0.500	0.220	ug/L		10/17/24 05:05	10/17/24 14:58	1
Lead	**5.27**		2.50	0.340	ug/L		10/17/24 05:05	10/17/24 14:58	1

Client: S&ME Inc
Job ID: 680-257000-1
Project/Site: Southside Park Landfill

Client Sample ID: SC-8A
Lab Sample ID: 680-257000-3
Date Collected: 10/09/24 12:00
Matrix: Solid
Date Received: 10/10/24 10:30
Percent Solids: 89.6

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	16.2		0.0517	0.0103	mg/Kg	☼	10/12/24 13:16	10/14/24 22:50	1
Lead	28.2		0.207	0.0517	mg/Kg	☼	10/12/24 13:16	10/14/24 22:50	1

Client: S&ME Inc
Job ID: 680-257000-1
Project/Site: Southside Park Landfill

Client Sample ID: SC-13A
Lab Sample ID: 680-257000-4
Date Collected: 10/09/24 11:20
Matrix: Solid
Date Received: 10/10/24 10:30

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	0.000585		0.000500	0.000220	mg/L		10/18/24 15:01	10/18/24 16:41	1
Lead	0.00137	J	0.00250	0.000340	mg/L		10/18/24 15:01	10/18/24 16:41	1

Method: SW846 6020B - Metals (ICP/MS) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	2.45		0.500	0.220	ug/L		10/17/24 05:05	10/17/24 15:01	1
Lead	9.30		2.50	0.340	ug/L		10/17/24 05:05	10/17/24 15:01	1

Client: S&ME Inc
Job ID: 680-257000-1
Project/Site: Southside Park Landfill

Client Sample ID: SC-13A
Lab Sample ID: 680-257000-4
Date Collected: 10/09/24 11:20
Matrix: Solid
Date Received: 10/10/24 10:30
Percent Solids: 86.0

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	16.7		0.0548	0.0110	mg/Kg	☼	10/12/24 13:16	10/14/24 22:52	1
Lead	41.2		0.219	0.0548	mg/Kg	☼	10/12/24 13:16	10/14/24 22:52	1

Client: S&ME Inc
Job ID: 680-257000-1
Project/Site: Southside Park Landfill

Client Sample ID: SC-14A
Lab Sample ID: 680-257000-5
Date Collected: 10/09/24 12:20
Matrix: Solid
Date Received: 10/10/24 10:30

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	ND		0.000500	0.000220	mg/L		10/18/24 15:01	10/18/24 16:48	1
Lead	**0.000600**	**J**	0.00250	0.000340	mg/L		10/18/24 15:01	10/18/24 16:48	1

Method: SW846 6020B - Metals (ICP/MS) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	**1.51**		0.500	0.220	ug/L		10/17/24 05:05	10/17/24 15:08	1
Lead	**4.98**		2.50	0.340	ug/L		10/17/24 05:05	10/17/24 15:08	1

Client: S&ME Inc
Job ID: 680-257000-1
Project/Site: Southside Park Landfill

Client Sample ID: SC-14A
Lab Sample ID: 680-257000-5
Date Collected: 10/09/24 12:20
Matrix: Solid
Date Received: 10/10/24 10:30
Percent Solids: 85.6

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	19.1		0.0512	0.0102	mg/Kg	☼	10/12/24 13:16	10/14/24 23:06	1
Lead	22.2		0.205	0.0512	mg/Kg	☼	10/12/24 13:16	10/14/24 23:06	1

Client: S&ME Inc
Job ID: 680-257000-1
Project/Site: Southside Park Landfill

Client Sample ID: SC-15A
Lab Sample ID: 680-257000-6
Date Collected: 10/09/24 12:40
Matrix: Solid
Date Received: 10/10/24 10:30

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	ND		0.000500	0.000220	mg/L		10/18/24 15:01	10/18/24 16:51	1
Lead	ND		0.00250	0.000340	mg/L		10/18/24 15:01	10/18/24 16:51	1

Method: SW846 6020B - Metals (ICP/MS) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	**1.54**		0.500	0.220	ug/L		10/17/24 05:05	10/17/24 15:11	1
Lead	**1.26**	**J**	2.50	0.340	ug/L		10/17/24 05:05	10/17/24 15:11	1

Client: S&ME Inc
Job ID: 680-257000-1
Project/Site: Southside Park Landfill

Client Sample ID: SC-15A
Lab Sample ID: 680-257000-6
Date Collected: 10/09/24 12:40
Matrix: Solid
Date Received: 10/10/24 10:30
Percent Solids: 88.3

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	14.3		0.0534	0.0107	mg/Kg	☼	10/12/24 13:16	10/14/24 22:58	1
Lead	4.20		0.214	0.0534	mg/Kg	☼	10/12/24 13:16	10/14/24 22:58	1

Client: S&ME Inc
Job ID: 680-257000-1
Project/Site: Southside Park Landfill

Client Sample ID: SC-17A
Lab Sample ID: 680-257000-7
Date Collected: 10/09/24 13:40
Matrix: Solid
Date Received: 10/10/24 10:30

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	ND		0.000500	0.000220	mg/L		10/18/24 15:01	10/18/24 16:53	1
Lead	**0.000630**	**J**	0.00250	0.000340	mg/L		10/18/24 15:01	10/18/24 16:53	1

Method: SW846 6020B - Metals (ICP/MS) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	**1.59**		0.500	0.220	ug/L		10/17/24 05:05	10/17/24 15:13	1
Lead	**5.25**		2.50	0.340	ug/L		10/17/24 05:05	10/17/24 15:13	1

Client: S&ME Inc
Job ID: 680-257000-1
Project/Site: Southside Park Landfill

Client Sample ID: SC-17A
Lab Sample ID: 680-257000-7
Date Collected: 10/09/24 13:40
Matrix: Solid
Date Received: 10/10/24 10:30
Percent Solids: 84.4

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	21.5		0.0539	0.0108	mg/Kg	☼	10/12/24 13:16	10/14/24 23:04	1
Lead	24.1		0.216	0.0539	mg/Kg	☼	10/12/24 13:16	10/14/24 23:04	1

Client: S&ME Inc
Job ID: 680-257000-1
Project/Site: Southside Park Landfill

Client Sample ID: DUP-10A
Lab Sample ID: 680-257000-8
Date Collected: 10/09/24 12:50
Matrix: Solid
Date Received: 10/10/24 10:30

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	ND		0.000500	0.000220	mg/L		10/18/24 15:01	10/18/24 16:56	1
Lead	ND		0.00250	0.000340	mg/L		10/18/24 15:01	10/18/24 16:56	1

Method: SW846 6020B - Metals (ICP/MS) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	**1.14**		0.500	0.220	ug/L		10/17/24 05:05	10/17/24 15:16	1
Lead	**0.870**	**J**	2.50	0.340	ug/L		10/17/24 05:05	10/17/24 15:16	1

Client: S&ME Inc
Job ID: 680-257000-1
Project/Site: Southside Park Landfill

Client Sample ID: DUP-10A
Lab Sample ID: 680-257000-8
Date Collected: 10/09/24 12:50
Matrix: Solid
Date Received: 10/10/24 10:30
Percent Solids: 88.8

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	15.7		0.0552	0.0110	mg/Kg	☼	10/12/24 13:16	10/14/24 22:56	1
Lead	3.82		0.221	0.0552	mg/Kg	☼	10/12/24 13:16	10/14/24 22:56	1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-859051/1-A
Matrix: Solid
Analysis Batch: 859259

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 859051

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	ND		0.0490	0.00980	mg/Kg		10/11/24 11:17	10/12/24 17:13	1
Lead	ND		0.196	0.0490	mg/Kg		10/11/24 11:17	10/12/24 17:13	1

Lab Sample ID: LCS 680-859051/2-A
Matrix: Solid
Analysis Batch: 859259

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 859051

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cobalt	4.72	5.146		mg/Kg		109	80 - 120
Lead	47.2	53.01		mg/Kg		112	80 - 120

Lab Sample ID: 680-257000-5 MS
Matrix: Solid
Analysis Batch: 859259

Client Sample ID: SC-14A
Prep Type: Total/NA
Prep Batch: 859051

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cobalt	19.4	F1	5.62	22.22	F1	mg/Kg	☼	50	75 - 125
Lead	24.6		56.2	73.42		mg/Kg	☼	87	75 - 125

Lab Sample ID: 680-257000-5 MSD
Matrix: Solid
Analysis Batch: 859259

Client Sample ID: SC-14A
Prep Type: Total/NA
Prep Batch: 859051

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cobalt	19.4	F1	5.51	19.75	F1	mg/Kg	☼	6	75 - 125	12	20
Lead	24.6		55.1	77.75		mg/Kg	☼	96	75 - 125	6	20

Lab Sample ID: MB 680-859177/1-A
Matrix: Solid
Analysis Batch: 859452

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 859177

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	ND		0.0490	0.00980	mg/Kg		10/12/24 13:16	10/14/24 22:40	1
Lead	ND		0.196	0.0490	mg/Kg		10/12/24 13:16	10/14/24 22:40	1

Lab Sample ID: LCS 680-859177/2-A
Matrix: Solid
Analysis Batch: 859452

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 859177

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cobalt	4.72	5.075		mg/Kg		108	80 - 120
Lead	47.2	51.25		mg/Kg		109	80 - 120

Lab Sample ID: 680-257000-1 MS
Matrix: Solid
Analysis Batch: 859452

Client Sample ID: SC-2A
Prep Type: Total/NA
Prep Batch: 859177

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cobalt	20.5	F1 F2	5.52	22.18	F1	mg/Kg	☼	31	75 - 125
Lead	116		55.2	158.1		mg/Kg	☼	76	75 - 125

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: 680-257000-1 MSD — **Client Sample ID: SC-2A**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 859452 — **Prep Batch: 859177**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cobalt	20.5	F1 F2	5.85	28.94	F1 F2	mg/Kg	☼	145	75 - 125	26	20
Lead	116		58.5	174.8		mg/Kg	☼	100	75 - 125	10	20

Lab Sample ID: LB 680-859942/3-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 860066 — **Prep Batch: 859942**

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	ND		0.500	0.220	ug/L		10/17/24 05:05	10/17/24 14:43	1
Lead	ND		2.50	0.340	ug/L		10/17/24 05:05	10/17/24 14:43	1

Lab Sample ID: MB 680-859942/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 860066 — **Prep Batch: 859942**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	ND		0.500	0.220	ug/L		10/17/24 05:05	10/17/24 14:38	1
Lead	ND		2.50	0.340	ug/L		10/17/24 05:05	10/17/24 14:38	1

Lab Sample ID: LCS 680-859942/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 860066 — **Prep Batch: 859942**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cobalt	100	109.5		ug/L		109	80 - 120
Lead	1000	1036		ug/L		104	80 - 120

Lab Sample ID: LB 680-860204/3-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 860254 — **Prep Batch: 860204**

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	ND		0.000500	0.000220	mg/L		10/18/24 15:01	10/18/24 16:22	1
Lead	ND		0.00250	0.000340	mg/L		10/18/24 15:01	10/18/24 16:22	1

Lab Sample ID: MB 680-860204/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 860254 — **Prep Batch: 860204**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	ND		0.000500	0.000220	mg/L		10/18/24 15:01	10/18/24 16:17	1
Lead	ND		0.00250	0.000340	mg/L		10/18/24 15:01	10/18/24 16:17	1

Lab Sample ID: LCS 680-860204/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 860254 — **Prep Batch: 860204**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cobalt	0.100	0.1090		mg/L		109	80 - 120
Lead	1.00	1.040		mg/L		104	80 - 120

Metals

Prep Batch: 859051

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 680-859051/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 680-859051/2-A	Lab Control Sample	Total/NA	Solid	3050B	
680-257000-5 MS	SC-14A	Total/NA	Solid	3050B	
680-257000-5 MSD	SC-14A	Total/NA	Solid	3050B	

Prep Batch: 859177

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-257000-1	SC-2A	Total/NA	Solid	3050B	
680-257000-2	SC-3A	Total/NA	Solid	3050B	
680-257000-3	SC-8A	Total/NA	Solid	3050B	
680-257000-4	SC-13A	Total/NA	Solid	3050B	
680-257000-5	SC-14A	Total/NA	Solid	3050B	
680-257000-6	SC-15A	Total/NA	Solid	3050B	
680-257000-7	SC-17A	Total/NA	Solid	3050B	
680-257000-8	DUP-10A	Total/NA	Solid	3050B	
MB 680-859177/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 680-859177/2-A	Lab Control Sample	Total/NA	Solid	3050B	
680-257000-1 MS	SC-2A	Total/NA	Solid	3050B	
680-257000-1 MSD	SC-2A	Total/NA	Solid	3050B	

Analysis Batch: 859259

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 680-859051/1-A	Method Blank	Total/NA	Solid	6020B	859051
LCS 680-859051/2-A	Lab Control Sample	Total/NA	Solid	6020B	859051
680-257000-5 MS	SC-14A	Total/NA	Solid	6020B	859051
680-257000-5 MSD	SC-14A	Total/NA	Solid	6020B	859051

Leach Batch: 859435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-257000-1	SC-2A	SPLP East	Solid	1312	
680-257000-2	SC-3A	SPLP East	Solid	1312	
680-257000-3	SC-8A	SPLP East	Solid	1312	
680-257000-4	SC-13A	SPLP East	Solid	1312	
680-257000-5	SC-14A	SPLP East	Solid	1312	
680-257000-6	SC-15A	SPLP East	Solid	1312	
680-257000-7	SC-17A	SPLP East	Solid	1312	
680-257000-8	DUP-10A	SPLP East	Solid	1312	

Analysis Batch: 859452

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-257000-1	SC-2A	Total/NA	Solid	6020B	859177
680-257000-2	SC-3A	Total/NA	Solid	6020B	859177
680-257000-3	SC-8A	Total/NA	Solid	6020B	859177
680-257000-4	SC-13A	Total/NA	Solid	6020B	859177
680-257000-5	SC-14A	Total/NA	Solid	6020B	859177
680-257000-6	SC-15A	Total/NA	Solid	6020B	859177
680-257000-7	SC-17A	Total/NA	Solid	6020B	859177
680-257000-8	DUP-10A	Total/NA	Solid	6020B	859177
MB 680-859177/1-A	Method Blank	Total/NA	Solid	6020B	859177
LCS 680-859177/2-A	Lab Control Sample	Total/NA	Solid	6020B	859177
680-257000-1 MS	SC-2A	Total/NA	Solid	6020B	859177

Metals (Continued)

Analysis Batch: 859452 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-257000-1 MSD	SC-2A	Total/NA	Solid	6020B	859177

Leach Batch: 859858

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-257000-1	SC-2A	TCLP	Solid	1311	
680-257000-2	SC-3A	TCLP	Solid	1311	
680-257000-3	SC-8A	TCLP	Solid	1311	
680-257000-4	SC-13A	TCLP	Solid	1311	
680-257000-5	SC-14A	TCLP	Solid	1311	
680-257000-6	SC-15A	TCLP	Solid	1311	
680-257000-7	SC-17A	TCLP	Solid	1311	
680-257000-8	DUP-10A	TCLP	Solid	1311	

Prep Batch: 859942

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-257000-1	SC-2A	SPLP East	Solid	3010A	859435
680-257000-2	SC-3A	SPLP East	Solid	3010A	859435
680-257000-3	SC-8A	SPLP East	Solid	3010A	859435
680-257000-4	SC-13A	SPLP East	Solid	3010A	859435
680-257000-5	SC-14A	SPLP East	Solid	3010A	859435
680-257000-6	SC-15A	SPLP East	Solid	3010A	859435
680-257000-7	SC-17A	SPLP East	Solid	3010A	859435
680-257000-8	DUP-10A	SPLP East	Solid	3010A	859435
LB 680-859942/3-A	Method Blank	Total/NA	Solid	3010A	
MB 680-859942/1-A	Method Blank	Total/NA	Solid	3010A	
LCS 680-859942/2-A	Lab Control Sample	Total/NA	Solid	3010A	

Analysis Batch: 860066

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-257000-1	SC-2A	SPLP East	Solid	6020B	859942
680-257000-2	SC-3A	SPLP East	Solid	6020B	859942
680-257000-3	SC-8A	SPLP East	Solid	6020B	859942
680-257000-4	SC-13A	SPLP East	Solid	6020B	859942
680-257000-5	SC-14A	SPLP East	Solid	6020B	859942
680-257000-6	SC-15A	SPLP East	Solid	6020B	859942
680-257000-7	SC-17A	SPLP East	Solid	6020B	859942
680-257000-8	DUP-10A	SPLP East	Solid	6020B	859942
LB 680-859942/3-A	Method Blank	Total/NA	Solid	6020B	859942
MB 680-859942/1-A	Method Blank	Total/NA	Solid	6020B	859942
LCS 680-859942/2-A	Lab Control Sample	Total/NA	Solid	6020B	859942

Prep Batch: 860204

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-257000-1	SC-2A	TCLP	Solid	3010A	859858
680-257000-2	SC-3A	TCLP	Solid	3010A	859858
680-257000-3	SC-8A	TCLP	Solid	3010A	859858
680-257000-4	SC-13A	TCLP	Solid	3010A	859858
680-257000-5	SC-14A	TCLP	Solid	3010A	859858
680-257000-6	SC-15A	TCLP	Solid	3010A	859858
680-257000-7	SC-17A	TCLP	Solid	3010A	859858
680-257000-8	DUP-10A	TCLP	Solid	3010A	859858

Metals (Continued)

Prep Batch: 860204 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 680-860204/3-A	Method Blank	Total/NA	Solid	3010A	
MB 680-860204/1-A	Method Blank	Total/NA	Solid	3010A	
LCS 680-860204/2-A	Lab Control Sample	Total/NA	Solid	3010A	

Analysis Batch: 860254

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-257000-1	SC-2A	TCLP	Solid	6020B	860204
680-257000-2	SC-3A	TCLP	Solid	6020B	860204
680-257000-3	SC-8A	TCLP	Solid	6020B	860204
680-257000-4	SC-13A	TCLP	Solid	6020B	860204
680-257000-5	SC-14A	TCLP	Solid	6020B	860204
680-257000-6	SC-15A	TCLP	Solid	6020B	860204
680-257000-7	SC-17A	TCLP	Solid	6020B	860204
680-257000-8	DUP-10A	TCLP	Solid	6020B	860204
LB 680-860204/3-A	Method Blank	Total/NA	Solid	6020B	860204
MB 680-860204/1-A	Method Blank	Total/NA	Solid	6020B	860204
LCS 680-860204/2-A	Lab Control Sample	Total/NA	Solid	6020B	860204

General Chemistry

Analysis Batch: 859000

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-257000-1	SC-2A	Total/NA	Solid	Moisture	
680-257000-2	SC-3A	Total/NA	Solid	Moisture	
680-257000-3	SC-8A	Total/NA	Solid	Moisture	
680-257000-4	SC-13A	Total/NA	Solid	Moisture	
680-257000-5	SC-14A	Total/NA	Solid	Moisture	
680-257000-6	SC-15A	Total/NA	Solid	Moisture	
680-257000-7	SC-17A	Total/NA	Solid	Moisture	
680-257000-8	DUP-10A	Total/NA	Solid	Moisture	

Client: S&ME Inc
Job ID: 680-257000-1
Project/Site: Southside Park Landfill

Client Sample ID: SC-2A
Lab Sample ID: 680-257000-1
Date Collected: 10/09/24 10:55
Matrix: Solid
Date Received: 10/10/24 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP East	Leach	1312			100.03 g	2000 mL	859435	10/15/24 14:18	KC	EET SAV
SPLP East	Prep	3010A			50 mL	250 mL	859942	10/17/24 05:05	RR	EET SAV
SPLP East	Analysis	6020B		1			860066	10/17/24 14:53	BWR	EET SAV
	Instrument ID: ICPMSD									
TCLP	Leach	1311			100.01 g	2000 mL	859858	10/17/24 13:23	WRB	EET SAV
TCLP	Prep	3010A			25 mL	125 mL	860204	10/18/24 15:01	BCB	EET SAV
TCLP	Analysis	6020B		1			860254	10/18/24 16:33	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Analysis	Moisture		1			859000	10/11/24 10:05	KG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SC-2A
Lab Sample ID: 680-257000-1
Date Collected: 10/09/24 10:55
Matrix: Solid
Date Received: 10/10/24 10:30
Percent Solids: 83.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			0.56 g	250 mL	859177	10/12/24 13:16	BCB	EET SAV
Total/NA	Analysis	6020B		1			859452	10/14/24 22:44	BWR	EET SAV
	Instrument ID: ICPMSG									

Client Sample ID: SC-3A
Lab Sample ID: 680-257000-2
Date Collected: 10/09/24 10:40
Matrix: Solid
Date Received: 10/10/24 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP East	Leach	1312			100.03 g	2000 mL	859435	10/15/24 14:18	KC	EET SAV
SPLP East	Prep	3010A			50 mL	250 mL	859942	10/17/24 05:05	RR	EET SAV
SPLP East	Analysis	6020B		1			860066	10/17/24 14:56	BWR	EET SAV
	Instrument ID: ICPMSD									
TCLP	Leach	1311			100.01 g	2000 mL	859858	10/17/24 13:23	WRB	EET SAV
TCLP	Prep	3010A			25 mL	125 mL	860204	10/18/24 15:01	BCB	EET SAV
TCLP	Analysis	6020B		1			860254	10/18/24 16:35	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Analysis	Moisture		1			859000	10/11/24 10:05	KG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SC-3A
Lab Sample ID: 680-257000-2
Date Collected: 10/09/24 10:40
Matrix: Solid
Date Received: 10/10/24 10:30
Percent Solids: 85.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			0.52 g	250 mL	859177	10/12/24 13:16	BCB	EET SAV
Total/NA	Analysis	6020B		1			859452	10/14/24 22:54	BWR	EET SAV
	Instrument ID: ICPMSG									

Client: S&ME Inc
Job ID: 680-257000-1
Project/Site: Southside Park Landfill

Client Sample ID: SC-8A
Lab Sample ID: 680-257000-3
Date Collected: 10/09/24 12:00
Matrix: Solid
Date Received: 10/10/24 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP East	Leach	1312			100.05 g	2000 mL	859435	10/15/24 14:18	KC	EET SAV
SPLP East	Prep	3010A			50 mL	250 mL	859942	10/17/24 05:05	RR	EET SAV
SPLP East	Analysis	6020B		1			860066	10/17/24 14:58	BWR	EET SAV
	Instrument ID: ICPMSD									
TCLP	Leach	1311			100.03 g	2000 mL	859858	10/17/24 13:23	WRB	EET SAV
TCLP	Prep	3010A			25 mL	125 mL	860204	10/18/24 15:01	BCB	EET SAV
TCLP	Analysis	6020B		1			860254	10/18/24 16:38	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Analysis	Moisture		1			859000	10/11/24 10:05	KG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SC-8A
Lab Sample ID: 680-257000-3
Date Collected: 10/09/24 12:00
Matrix: Solid
Date Received: 10/10/24 10:30
Percent Solids: 89.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			0.54 g	250 mL	859177	10/12/24 13:16	BCB	EET SAV
Total/NA	Analysis	6020B		1			859452	10/14/24 22:50	BWR	EET SAV
	Instrument ID: ICPMSG									

Client Sample ID: SC-13A
Lab Sample ID: 680-257000-4
Date Collected: 10/09/24 11:20
Matrix: Solid
Date Received: 10/10/24 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP East	Leach	1312			100.03 g	2000 mL	859435	10/15/24 14:18	KC	EET SAV
SPLP East	Prep	3010A			50 mL	250 mL	859942	10/17/24 05:05	RR	EET SAV
SPLP East	Analysis	6020B		1			860066	10/17/24 15:01	BWR	EET SAV
	Instrument ID: ICPMSD									
TCLP	Leach	1311			100.06 g	2000 mL	859858	10/17/24 13:23	WRB	EET SAV
TCLP	Prep	3010A			25 mL	125 mL	860204	10/18/24 15:01	BCB	EET SAV
TCLP	Analysis	6020B		1			860254	10/18/24 16:41	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Analysis	Moisture		1			859000	10/11/24 10:05	KG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SC-13A
Lab Sample ID: 680-257000-4
Date Collected: 10/09/24 11:20
Matrix: Solid
Date Received: 10/10/24 10:30
Percent Solids: 86.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			0.53 g	250 mL	859177	10/12/24 13:16	BCB	EET SAV
Total/NA	Analysis	6020B		1			859452	10/14/24 22:52	BWR	EET SAV
	Instrument ID: ICPMSG									

Client: S&ME Inc
Job ID: 680-257000-1
Project/Site: Southside Park Landfill

Client Sample ID: SC-14A
Lab Sample ID: 680-257000-5
Date Collected: 10/09/24 12:20
Matrix: Solid
Date Received: 10/10/24 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP East	Leach	1312			100.02 g	2000 mL	859435	10/15/24 14:18	KC	EET SAV
SPLP East	Prep	3010A			50 mL	250 mL	859942	10/17/24 05:05	RR	EET SAV
SPLP East	Analysis	6020B		1			860066	10/17/24 15:08	BWR	EET SAV
	Instrument ID: ICPMSD									
TCLP	Leach	1311			100.02 g	2000 mL	859858	10/17/24 13:23	WRB	EET SAV
TCLP	Prep	3010A			25 mL	125 mL	860204	10/18/24 15:01	BCB	EET SAV
TCLP	Analysis	6020B		1			860254	10/18/24 16:48	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Analysis	Moisture		1			859000	10/11/24 10:05	KG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SC-14A
Lab Sample ID: 680-257000-5
Date Collected: 10/09/24 12:20
Matrix: Solid
Date Received: 10/10/24 10:30
Percent Solids: 85.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			0.57 g	250 mL	859177	10/12/24 13:16	BCB	EET SAV
Total/NA	Analysis	6020B		1			859452	10/14/24 23:06	BWR	EET SAV
	Instrument ID: ICPMSG									

Client Sample ID: SC-15A
Lab Sample ID: 680-257000-6
Date Collected: 10/09/24 12:40
Matrix: Solid
Date Received: 10/10/24 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP East	Leach	1312			100.04 g	2000 mL	859435	10/15/24 14:18	KC	EET SAV
SPLP East	Prep	3010A			50 mL	250 mL	859942	10/17/24 05:05	RR	EET SAV
SPLP East	Analysis	6020B		1			860066	10/17/24 15:11	BWR	EET SAV
	Instrument ID: ICPMSD									
TCLP	Leach	1311			100.02 g	2000 mL	859858	10/17/24 13:23	WRB	EET SAV
TCLP	Prep	3010A			25 mL	125 mL	860204	10/18/24 15:01	BCB	EET SAV
TCLP	Analysis	6020B		1			860254	10/18/24 16:51	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Analysis	Moisture		1			859000	10/11/24 10:05	KG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SC-15A
Lab Sample ID: 680-257000-6
Date Collected: 10/09/24 12:40
Matrix: Solid
Date Received: 10/10/24 10:30
Percent Solids: 88.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			0.53 g	250 mL	859177	10/12/24 13:16	BCB	EET SAV
Total/NA	Analysis	6020B		1			859452	10/14/24 22:58	BWR	EET SAV
	Instrument ID: ICPMSG									

Client: S&ME Inc
Job ID: 680-257000-1
Project/Site: Southside Park Landfill

Client Sample ID: SC-17A
Lab Sample ID: 680-257000-7
Date Collected: 10/09/24 13:40
Matrix: Solid
Date Received: 10/10/24 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP East	Leach	1312			100.03 g	2000 mL	859435	10/15/24 14:18	KC	EET SAV
SPLP East	Prep	3010A			50 mL	250 mL	859942	10/17/24 05:05	RR	EET SAV
SPLP East	Analysis	6020B		1			860066	10/17/24 15:13	BWR	EET SAV
	Instrument ID: ICPMSD									
TCLP	Leach	1311			100.03 g	2000 mL	859858	10/17/24 13:23	WRB	EET SAV
TCLP	Prep	3010A			25 mL	125 mL	860204	10/18/24 15:01	BCB	EET SAV
TCLP	Analysis	6020B		1			860254	10/18/24 16:53	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Analysis	Moisture		1			859000	10/11/24 10:05	KG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SC-17A
Lab Sample ID: 680-257000-7
Date Collected: 10/09/24 13:40
Matrix: Solid
Date Received: 10/10/24 10:30
Percent Solids: 84.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			0.55 g	250 mL	859177	10/12/24 13:16	BCB	EET SAV
Total/NA	Analysis	6020B		1			859452	10/14/24 23:04	BWR	EET SAV
	Instrument ID: ICPMSG									

Client Sample ID: DUP-10A
Lab Sample ID: 680-257000-8
Date Collected: 10/09/24 12:50
Matrix: Solid
Date Received: 10/10/24 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP East	Leach	1312			100.03 g	2000 mL	859435	10/15/24 14:18	KC	EET SAV
SPLP East	Prep	3010A			50 mL	250 mL	859942	10/17/24 05:05	RR	EET SAV
SPLP East	Analysis	6020B		1			860066	10/17/24 15:16	BWR	EET SAV
	Instrument ID: ICPMSD									
TCLP	Leach	1311			100.05 g	2000 mL	859858	10/17/24 13:23	WRB	EET SAV
TCLP	Prep	3010A			25 mL	125 mL	860204	10/18/24 15:01	BCB	EET SAV
TCLP	Analysis	6020B		1			860254	10/18/24 16:56	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Analysis	Moisture		1			859000	10/11/24 10:05	KG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: DUP-10A
Lab Sample ID: 680-257000-8
Date Collected: 10/09/24 12:50
Matrix: Solid
Date Received: 10/10/24 10:30
Percent Solids: 88.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			0.51 g	250 mL	859177	10/12/24 13:16	BCB	EET SAV
Total/NA	Analysis	6020B		1			859452	10/14/24 22:56	BWR	EET SAV
	Instrument ID: ICPMSG									

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: S&ME Inc
Job ID: 680-257000-1
Project/Site: Southside Park Landfill

Laboratory: Eurofins Savannah

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	269	12-31-24
Virginia	NELAP	460161	06-14-25

Method Summary

Client: S&ME Inc
Job ID: 680-257000-1
Project/Site: Southside Park Landfill

Method	Method Description	Protocol	Laboratory
6020B	Metals (ICP/MS)	SW846	EET SAV
Moisture	Percent Moisture	EPA	EET SAV
1311	TCLP Extraction	SW846	EET SAV
1312	SPLP Extraction	SW846	EET SAV
3010A	Preparation, Total Metals	SW846	EET SAV
3050B	Preparation, Metals	SW846	EET SAV

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:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Phone (912) 352-0165

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: James Gehman	Lab PM: Bechtold, Chad	Carrier Tracking No(s):	COC No: 680-161197-57726.1
Client Contact: Thomas Raymond	Phone: 804-761-6648	E-Mail: Chad.Bechtold@et.eurofinsus.com	State of Origin: NC	Page: Page 1 of 2
Company: S&ME Inc	PWSID:			Job #:
Address: 3201 Spring Forest Road	Due Date Requested:			
City: Raleigh	TAT Requested (days): Standard			
State, Zip: NC, 27616	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 215952			
Email: traymond@smeinc.com	WO #:			
Project Name: Southside Park Landfill	Project #: 68031844 215952			
Site:	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B - SPLP Cobalt and Lead (one container)	6020B - TCLP Cobalt and Lead	6020B - Cobalt and Lead	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N		
SC-2A	10/9/24	10:55	C	S			Y	Y	Y	2	
SC-3A		10:40					Y	Y	Y	2	
SC-8A		12:00					Y	Y	Y	2	
SC-13A		11:20					Y	Y	Y	2	
SC-14A		12:20					Y	Y	Y	2	
SC-15A		12:40					Y	Y	Y	2	
SC-17A		13:40					Y	Y	Y	2	
~~SC-30A~~											
~~SC-55/96A~~											
DUP-10A		12:50					Y	Y	Y	2	

680-257000 Chain of Custody

Possible Hazard Identification	Sample Disposal (A fee may be assessed
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological	☐ Return To Client ☐ Disposal By Lab
Deliverable Requested: I, II, III, IV, Other (specify)	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	10/9/24 1425	S3ME		10/9/24 1425	
	10/9/24 1630			10-10-24 1050	

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.9/3.9

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 680-257000-1

Login Number: 257000

List Source: Eurofins Savannah

List Number: 1

Creator: Sims, Robert D

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	